



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

2 PORTUGUESE BEND ROAD
ROLLING HILLS, CA 90274
(310) 377-1521

AGENDA

CITY COUNCIL

CITY OF ROLLING HILLS

Adjourned City Council Meeting Tuesday, December 10, 2024

7:00 PM

The meeting agenda is available on the City's website. The City Council meeting will be live-streamed on the City's website. Both the agenda and the live-streamed video can be found here:
<https://www.rolling-hills.org/government/agenda/index.php>

Members of the public may submit written comments in real-time by emailing the City Clerk's office at cityclerk@cityofrh.net. Your comments will become part of the official meeting record. You must provide your full name, but please do not provide any other personal information that you do not want to be published.

Recordings to City Council meetings can be found here: <https://www.rolling-hills.org/government/agenda/index.php>

Next Resolution No. 1383

Next Ordinance No. 386

1. CALL TO ORDER

2. ROLL CALL

3. PLEDGE OF ALLEGIANCE

4. PRESENTATIONS/PROCLAMATIONS/ANNOUNCEMENTS

- 4.A. RECEIVE AND FILE A PRESENTATION FROM CALIFORNIA WATER SERVICE REGARDING A NEW WILDFIRE HARDENING RELIABILITY PROJECT ALONG APPALOOSA LANE AND UPPER BLACKWATER CANYON ROAD AND VERBAL UPDATE ON THE NEW ABOVE-GROUND MAINS ON CINCHRING ROAD AND QUAILRIDGE ROAD SOUTH

RECOMMENDATION: Receive and file.

[CL_AGN_241210_CalWaterPresentation_WildfireHardeningProject.pdf](#)

- 4.B. RECEIVE AND FILE A PRESENTATION OVERVIEW FROM THE CALIFORNIA GOVERNOR'S OFFICE OF EMERGENCY SERVICES (CAL OES) REGARDING FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND CAL OES HAZARD MITIGATION ASSISTANCE PROGRAM

RECOMMENDATION: Receive and file.

[CL_AGN_241210_CalOES_StateHMP_Presentation.pdf](#)

5. APPROVE ORDER OF THE AGENDA

This is the appropriate time for the Mayor or Councilmembers to approve the agenda as is or reorder.

6. BLUE FOLDER ITEMS (SUPPLEMENTAL)

Blue folder (supplemental) items are additional back up materials to administrative reports, changes to the posted

agenda packet, and/or public comments received after the printing and distribution of the agenda packet for receive and file.

6.A. **FOR BLUE FOLDER DOCUMENTS APPROVED AT THE CITY COUNCIL MEETING**

RECOMMENDATION: Approved

[CL_AGN_241210_CC_Item4B.pdf](#)

[CL_AGN_241210_CC_Item7A.pdf](#)

7. **PUBLIC COMMENT ON NON-AGENDA ITEMS**

*This is the appropriate time for members of the public to make comments regarding items **not** listed on this agenda. Pursuant to the Brown Act, no action will take place on any items not on the agenda.*

7.A. **SUPPLEMENTAL PUBLIC COMMENT ON NON-AGENDA ITEMS**

RECOMMENDATION: Receive and file.

[CL_AGN_241210_CC_Item7A_PublicComment01.pdf](#)

8. **CONSENT CALENDAR**

Business items, except those formally noticed for public hearing, or those pulled for discussion are assigned to the Consent Calendar. The Mayor or any Councilmember may request that any Consent Calendar item(s) be removed, discussed, and acted upon separately. Items removed from the Consent Calendar will be taken up under the "Excluded Consent Calendar" section below. Those items remaining on the Consent Calendar will be approved in one motion. The Mayor will call on anyone wishing to address the City Council on any Consent Calendar item on the agenda, which has not been pulled by Councilmembers for discussion.

8.A. **APPROVE AFFIDAVIT OF POSTING FOR THE CITY COUNCIL REGULAR MEETING OF DECEMBER 10, 2024**

RECOMMENDATION: Approve.

[CL_AGN_241210_CC_AffidavitofPosting.pdf](#)

8.B. **APPROVE MOTION TO READ BY TITLE ONLY AND WAIVE FURTHER READING OF ALL ORDINANCES AND RESOLUTIONS LISTED ON THE AGENDA**

RECOMMENDATION: Approve.

8.C. **APPROVE THE FOLLOWING CITY COUNCIL MINUTES: NOVEMBER 25, 2024 REGULAR MEETING**

RECOMMENDATION: Approve as presented.

[CL_MIN_241125_CC_F_A.pdf](#)

8.D. **PAYMENT OF BILLS**

RECOMMENDATION: Approve as presented.

[CL_AGN_241210_CC_PaymentOfBills.pdf](#)

8.E. **APPROVE APPOINTMENTS TO THE PLANNING & TRAFFIC COMMISSIONS FOR THE TERM BEGINNING JANUARY 2, 2025 AND EXPIRING JANUARY 1, 2029**

RECOMMENDATION: Approve the appointment of Sharon Soo to the Planning Commission and re-appointment of Traffic Commissioner Raine.

9. **EXCLUDED CONSENT CALENDAR ITEMS**

10. **COMMISSION ITEMS**

11. PUBLIC HEARINGS

- 11.A. A PUBLIC HEARING REGARDING A NUISANCE ABATEMENT AT 20 PORTUGUESE BEND ROAD (LOT 58-A-RH), AND CONSIDERATION OF A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROLLING HILLS DECLARING THE CONDITION OF THE PROPERTY TO BE A PUBLIC NUISANCE AND ORDERING THE ABATEMENT THEREOF

RECOMMENDATION: As a result of the public nuisance being abated after the public notice was issued, staff recommends cancelling the public hearing.

Attachment 1: ResolutionNo1380_20PBR_NoticeToAbate_F.pdf

Attachment 2: Dyer NOV Letter 1.pdf

Attachment 3: Dyer NOV Letter 2.pdf

Attachment 4: 20 PBR Dyer Abatement Letter.pdf

12. OLD BUSINESS

- 12.A. DISCUSS POTENTIAL APPROVAL OF A 25% LOCAL MATCH REQUIREMENT AMOUNT (APPROXIMATELY \$405,250) FOR THE 2023 SUBMITTED APPLICATION TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) HAZARD MITIGATION GRANT PROGRAM TO ADDRESS ADDITIONAL FIRE FUEL ABATEMENT IN ROLLING HILLS' KLONDIKE CANYON

RECOMMENDATION: Approve as presented or provide direction to staff regarding grant sub-application termination.

GR_OES_230804_MNS_HMGP_Subapplication.pdf

13. NEW BUSINESS

- 13.A. APPROVE A PROFESSIONAL SERVICES AGREEMENT WITH AMPIRICAL SERVICES INC. TO PROVIDE ENGINEERING SERVICES FOR THE 20B PORTION OF THE EASTFIELD DRIVE FIRE PREVENTION POWER LINE UNDERGROUNDING PROJECT IN AN AMOUNT NOT TO EXCEED \$117,899 FUNDED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) HAZARD MITIGATION PROGRAM #DR4382-177-7R-CA, AUTHORIZE THE CITY MANAGER TO EXECUTE THE AGREEMENT, AND FINDING THE PROJECT CATEGORICALLY EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

RECOMMENDATION: Approve as presented.

Attachment A -

GR_OES_241030_Eastfield_UU_20B_Engineering_RFP_F_withAttachments.pdf

Attachment B - GR_OES_241126_Eastfield_UU_20B_Engineering_Ampirical_Proposal.pdf

Attachment C -

GR_OES_241126_Eastfield_UU_20B_Engineering_Ampirical_CostsSheet.pdf

Attachment D -

GR_OES_241204_Eastfield_UU_20B_Engineering_Ampirical_CostsSheet_v3.pdf

Attachment E - GR_OES_241126_Eastfield_UU_20B_Engineering_Entrust_Proposal.pdf

Attachment F -

GR_OES_241126_Eastfield_UU_20B_Engineering_Entrust_PricingSheet.pdf

Attachment G - CA_AGR_241210_Ampirical_Eastfield_UU_20B_F.pdf

14. MATTERS FROM THE CITY COUNCIL

15. MATTERS FROM STAFF

- 15.A. RECEIVE AND FILE A VERBAL UPDATE ON THE OUTDOOR EMERGENCY SIREN PROJECT AND CITYWIDE TESTING

RECOMMENDATION: Receive and file.

16. RECESS TO CLOSED SESSION

- 16.A. PUBLIC EMPLOYEE PERFORMANCE EVALUATION PURSUANT TO GOVERNMENT CODE SECTION 54957 (B)(1) TITLE: CITY MANAGER

RECOMMENDATION: None.

- 16.B. EXISTING LITIGATION - GOVERNMENT CODE SECTION 54956.9(D)(1)THE CITY FINDS, BASED ON ADVICE FROM LEGAL COUNSEL, THAT DISCUSSION IN OPEN SESSION WILL PREJUDICE THE POSITION OF THE CITY IN THE LITIGATION. (1 CASE) a. NAME OF CASE: CONNIE ANDERSEN, ET AL. V. CALIFORNIA WATER COMPANY, ET AL. (SEAVIEW CASE) CASE NO.: 24STCV20953

RECOMMENDATION: None.

- 16.C. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION GOVERNMENT CODE SECTION 54956.9 (TWO CASES) CPUC COMPLAINTS AGAINST SOUTHERN CALIFORNIA EDISON AND SOCAL GAS

RECOMMENDATION: None.

17. RECONVENE TO OPEN SESSION

18. ADJOURNMENT

Next regular meeting: Monday, January 13, 2025 at 7:00 p.m. in the City Council Chamber, Rolling Hills City Hall, 2 Portuguese Bend Road, Rolling Hills, California, 90274.

Notice:

Public Comment is welcome on any item prior to City Council action on the item.

Documents pertaining to an agenda item received after the posting of the agenda are available for review in the City Clerk's office or at the meeting at which the item will be considered.

In compliance with the Americans with Disabilities Act (ADA), if you need special assistance to participate in this meeting due to your disability, please contact the City Clerk at (310) 377-1521 at least 48 hours prior to the meeting to enable the City to make reasonable arrangements to ensure accessibility and accommodation for your review of this agenda and attendance at this meeting



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 4.A
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: RECEIVE AND FILE A PRESENTATION FROM CALIFORNIA WATER SERVICE REGARDING A NEW WILDFIRE HARDENING RELIABILITY PROJECT ALONG APPALOOSA LANE AND UPPER BLACKWATER CANYON ROAD AND VERBAL UPDATE ON THE NEW ABOVE-GROUND MAINS ON CINCHRING ROAD AND QUAILRIDGE ROAD SOUTH

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

Receive and file.

ATTACHMENTS:

[CL_AGN_241210_CalWaterPresentation_WildfireHardeningProject.pdf](#)



CALIFORNIA WATER SERVICE

December 10th, 2024

Wildfire Hardening Reliability Project

New Looped Water System Along Appaloosa Ln and Upper Black Canyon Rd

Presenters: Agustin Baeza and Brianda Nunez

Agenda



- Cal Water Overview
- Project Background
- Project Scope
- Timeline
- Next Steps

California Water Service (Cal Water)



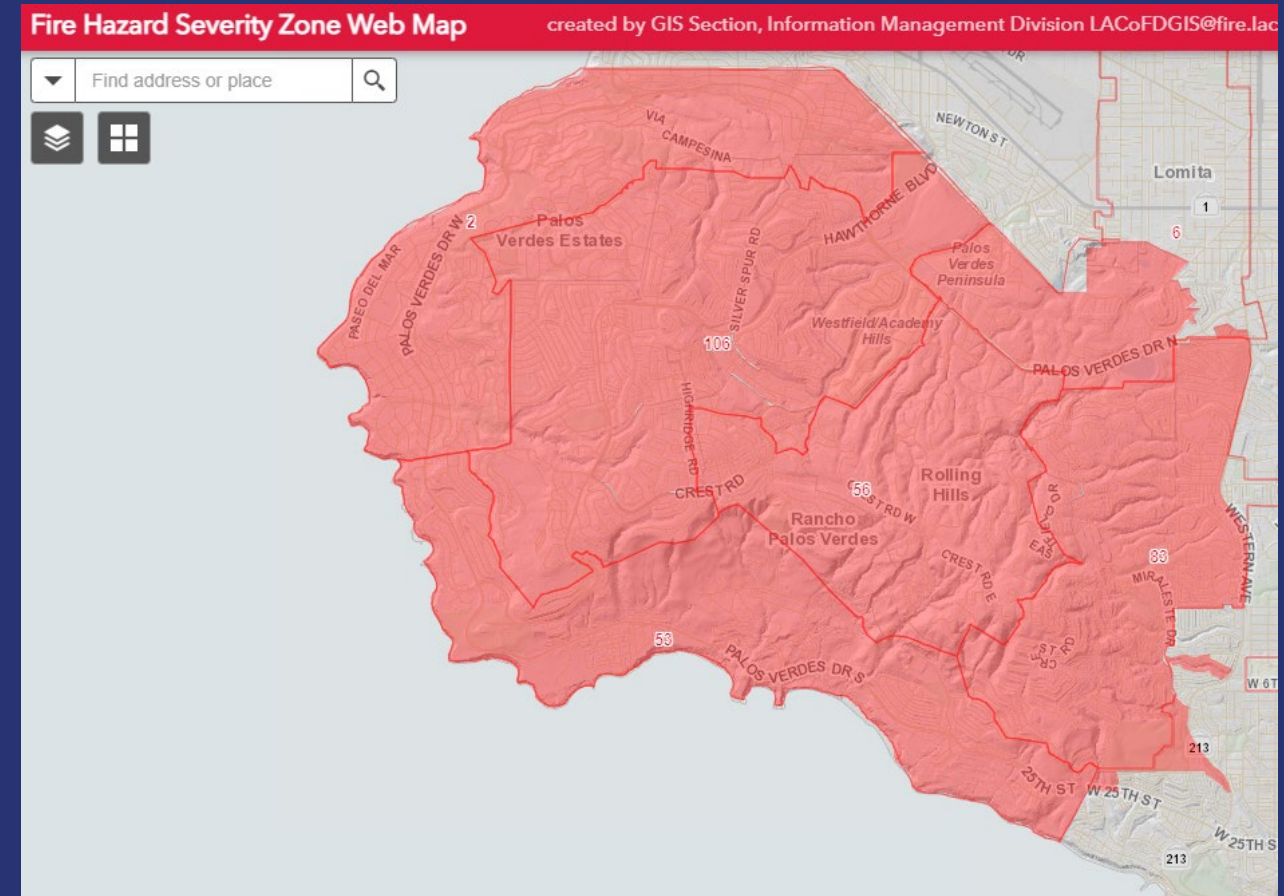
- Have provided water service in the area since 1970.
- To meet customer needs, we purchase surface water from Metropolitan Water District.
- Our system includes ~350miles of pipelines



Project Background



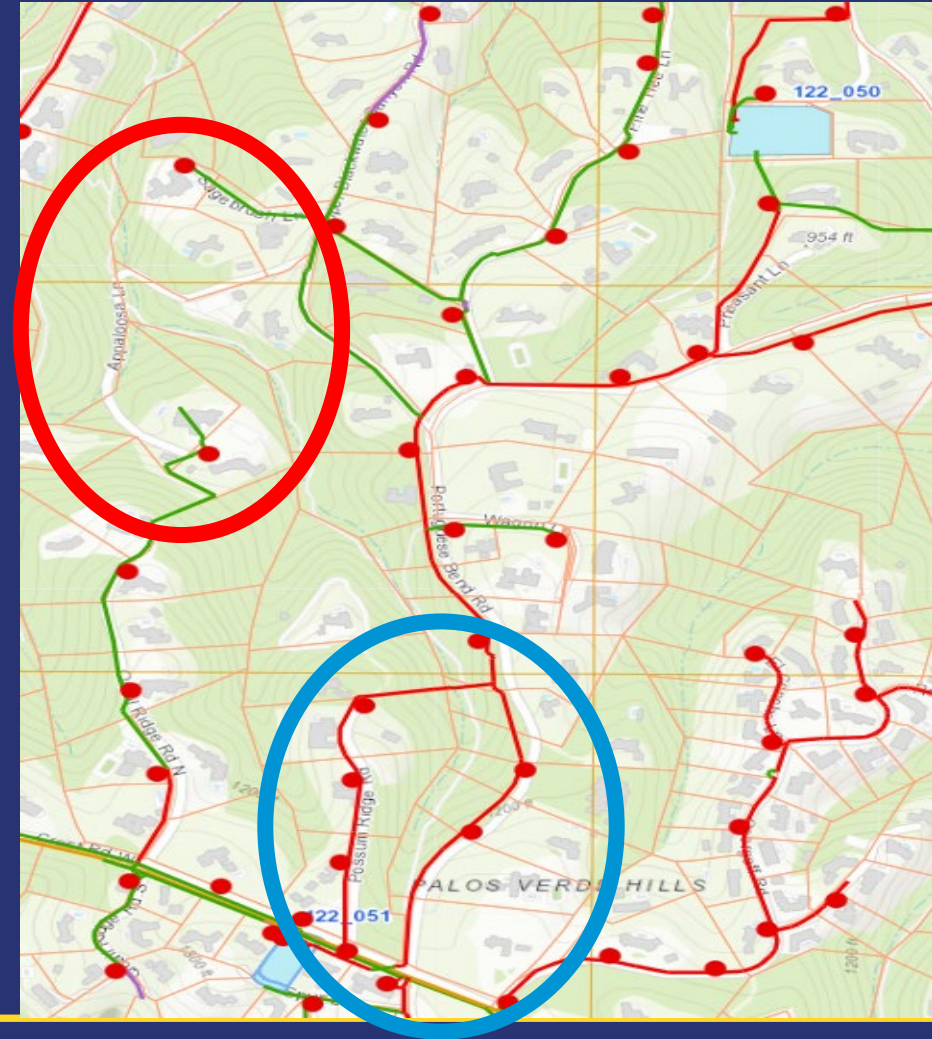
- MRP VS Wildfire Projects
 - High Risk Fire Zone
 - All New Main
- Improve
 - Grid Resiliency in the System
 - Water Quality
 - Fire Flow Capacity



Project Background



- MRP VS Wildfire Projects
 - High Risk Fire Zone
 - All New Main
- Improve
 - Grid Resiliency in the System
 - Water Quality
 - Fire Flow Capacity



Project Background



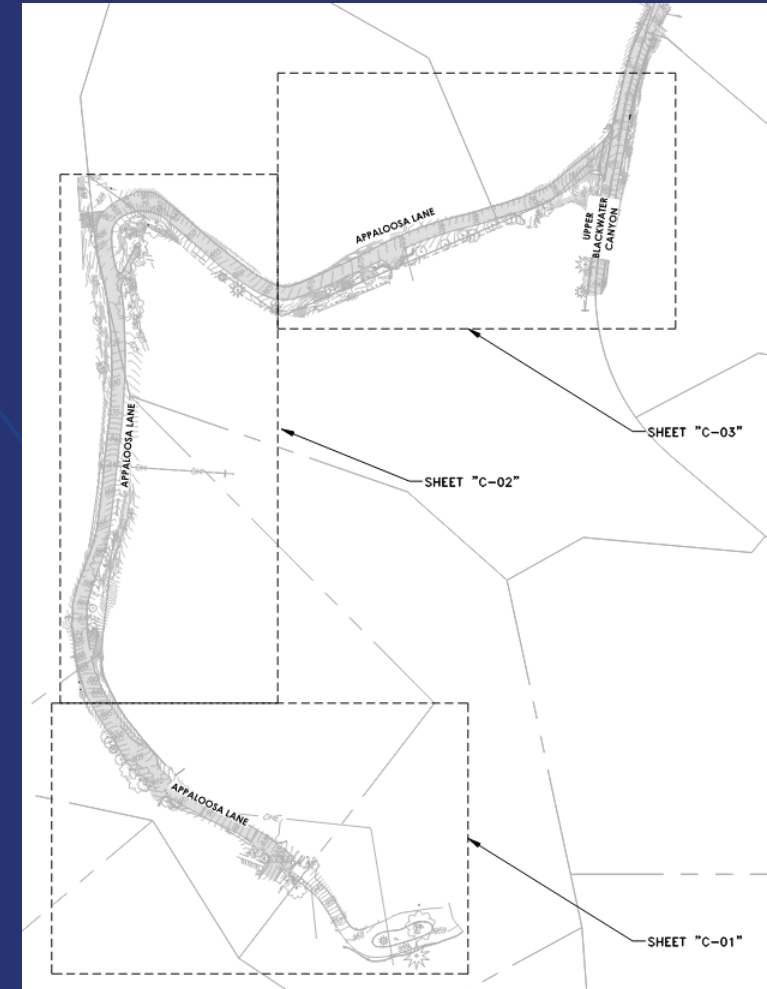
- MRP VS Wildfire Projects
 - High Risk Fire Zone
 - All New Main
- Improve
 - Grid Resiliency in the System
 - Water Quality
 - Fire Flow Capacity



Project Scope



- Install new 2,000 LF of 6" DI HDSS belowground
 - Collaboration with City, McGee Survey data, and Cotton Shire
- Install (2) new Fire Hydrants
- Relocating existing Pressure Reducing Valve Vault
- Easement on existing private road required



Timeline (Tentative)



Preliminary Design
Completed

Community
Outreach
Completed

Geotech
Investigation
**December
2024**

Final Design
**December
2024**

Construction
Start
**Feb/March
2025**

Project
Completion
**Apr/May
2025**

- CWS willing to start ASAP

Next Steps



- Geotech Report
- Finalize Design Plans
- Easement Finalization
- Material Procurements & Construction Scheduling

Contact Information



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Dan Northcutt
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Brianda Nunez
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C: (213) 334-2526



Questions?



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 4.B
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: RECEIVE AND FILE A PRESENTATION OVERVIEW FROM THE CALIFORNIA GOVERNOR'S OFFICE OF EMERGENCY SERVICES (CAL OES) REGARDING FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND CAL OES HAZARD MITIGATION ASSISTANCE PROGRAM

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

Receive and file.

ATTACHMENTS:

[CL_AGN_241210_CalOES_StateHMP_Presentation.pdf](#)

California Office of Emergency Services State Hazard Mitigation Program

Robyn Fennig, CFM

December 10, 2024



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

<https://www.caloes.ca.gov/office-of-the-director/operations/recovery-directorate/hazard-mitigation/>

FEMA's Definition of Hazard Mitigation

Hazard Mitigation is any sustained action taken to reduce or eliminate long-term risk to people, property and the environment from natural hazards and their effects.

MITIGATE HAZARDS

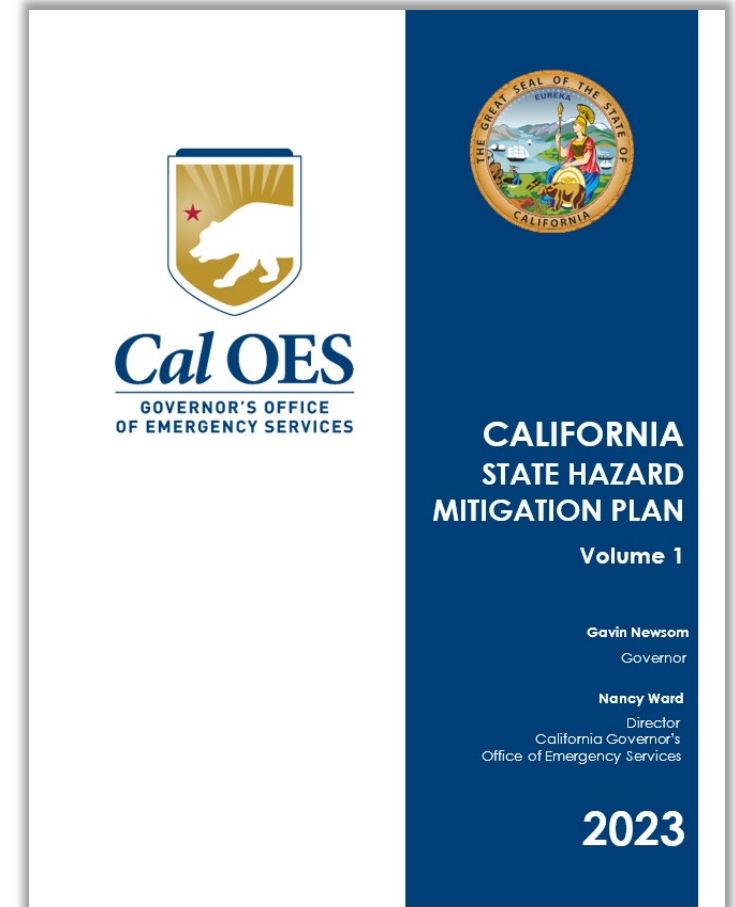


Mitigation Program

- Planning (state and local) informs development and selection of projects
- Technical assistance provides to support community subapplications
- Grants division manages FEMA Hazard Mitigation Assistance (HMA) grants
- Quality Assurance Division provides support to monitor and measure effectiveness of program
- Coordination with other federal, state, local and non-profit partners
 - FEMA Region IX
 - California Department of Water Resources (DWR)
 - California Governor's Office of Planning and Research (OPR)
 - California Department of Forestry and Fire Protection (CAL FIRE)
 - US Army Corps of Engineers (USACE)

State Hazard Mitigation Plan

- Sets statewide mitigation priorities and documents statewide program efforts
- Provides the foundation for strategies that should be considered in the Local Mitigation Plans (LHMPs)
- Outlines actions to be implemented upon adoption
- State agencies are covered by the SHMP for the purposes of Mitigation Grant Funding
- Approved August 30, 2023



Hazard Mitigation Assistance Funding Authorization

- **Hazard Mitigation Grant Program (HMGP):** Funding for California hazard mitigation actions. Available after federal major disaster declarations. Ongoing acceptance of proposals (Notices of Interest or NOIs).
- **Building Resilient Infrastructure and Communities (BRIC):** Annual, nationally-competitive program funding mitigation actions. Process starts each year in fall.
- **Flood Mitigation Assistance (FMA):** Annual, nationally-competitive program funding mitigation actions that protect properties insured by National Flood Insurance Program (NFIP). Process starts each year in fall.
- **FMA Swift Current:** provides funding to mitigate buildings insured through the National Flood Insurance Program after a major disaster declaration following a flood-related disaster event to reduce risk against future flood damage.
- **Legislative Pre-Disaster Mitigation Grant Program (LPDM):** Annual earmark program overseen by the DHS Appropriations Committee
- **Rehabilitation of High Hazard Potential Dam (HHPD) Grant Program:** provides technical, planning, design, and construction assistance in the form of grants for rehabilitation of eligible high hazard potential dam in jurisdictions that address dam hazards in their LHMPs (managed by DWR)

Eligible Subapplicant Entities

- State Agencies
- Local Governments: Counties, Cities, Towns, etc.
- Special Districts
- Federally Recognized Tribes
- Private Nonprofit Organizations (PNPs) (not eligible for BRIC)
- **The entity must have a FEMA-approved and locally adopted LHMP**
 - PNPs in HMGP are exempt from this requirement

Application Requirements (FEMA)

- Must have a FEMA-approved and locally-adopted Local Hazard Mitigation Plan
 - Participating in a multijurisdictional process with Rolling Hills Estates, Rancho Palos Verdes, Palos Verdes Estates, and two geologic hazard abatement districts (Klondike Canyon and Albalone Cove) – grant awarded kickoff took place October 2024
 - Would not be eligible for a grant until the planning process is complete and it's been adopted
- Long-term, standalone solution
- Cost-effective using FEMA's Benefit Cost Analysis toolkit; benefit cost ratio 1.0 or greater
- 48 month period of performance
- 25% non-federal cost share match required
- No work can begin until it's approved by FEMA
- City of Rolling Hills has had several HMGP subgrants
 - DR-4382 – wildfire mitigation project to underground power lines in partnership with SoCal Edison
 - DR-4382 – vegetative management/fuel break/erosion control
 - DR-4344 – wildfire/seismic mitigation project to underground power lines

Eligible Activities

- **Planning Grants:** deliverable is a FEMA-approved LHMP (new or update)
- **Planning-related activity grants** aim to integrate LHMPs to other planning mechanisms, outreach/education for your LHMP or floodplain management
- **Project scoping** should be used when the mitigation problem and solution are not known, and you need to evaluate a potential intervention (i.e. the proposed activity results in a resource, strategy, or tangible mitigation product that will reduce or eliminate risk and damage from future flooding and increase resilience)
- **Construction projects:** structural mitigation (A/D, elevation, reconstruction), wildfire mitigation, nature-based solutions.
- **Nature-based solutions** include, but are not limited to, restoration of grasslands, rivers, floodplains, wetlands, dunes, and reefs; living shorelines; soil stabilization; aquifer storage and recovery; bioretention systems



Submitting a Subgrant – Cal OES Process

- Request a Project Scoping Call
- Submit a Notice of Interest (NOI) – accepted anytime, priority given to subapplicants who submit by deadlines for specific NOFOs in online system
- NOI reviewed by Cal OES, subapplicants with eligible activities will be invited to attend a subapplication development webinar/workshops
- Subapplication submitted to Cal OES in our online system
- Cal OES reviews subapplications
 - Request for Information (RFI)
- Cal OES submits all subapplications to FEMA
 - FEMA may have additional RFIs

Cal OES Assistance – Technical Assistance

Identification of the Problem

- Problem statement and history of hazards
- What is the hazard and risk?
- How long has it been occurring?
- What are the damages and loss of function/service?
- Note quantitative and qualitative losses
- Future conditions (SLR, climate impacts, demographic changes, etc.)
- How is climate change worsening the problem?



Potential Projects/Solutions

- Include:
 - Hazard Mitigation Planning
 - Planning Studies
 - Feasibility Studies
 - Capital Project Plans
 - New budgetary need requests
 - Comprehensive stakeholder engagement for project identification
- Do you know if solution is feasible?
- What may be the challenges with implementation?



Technical Assistance (TA)

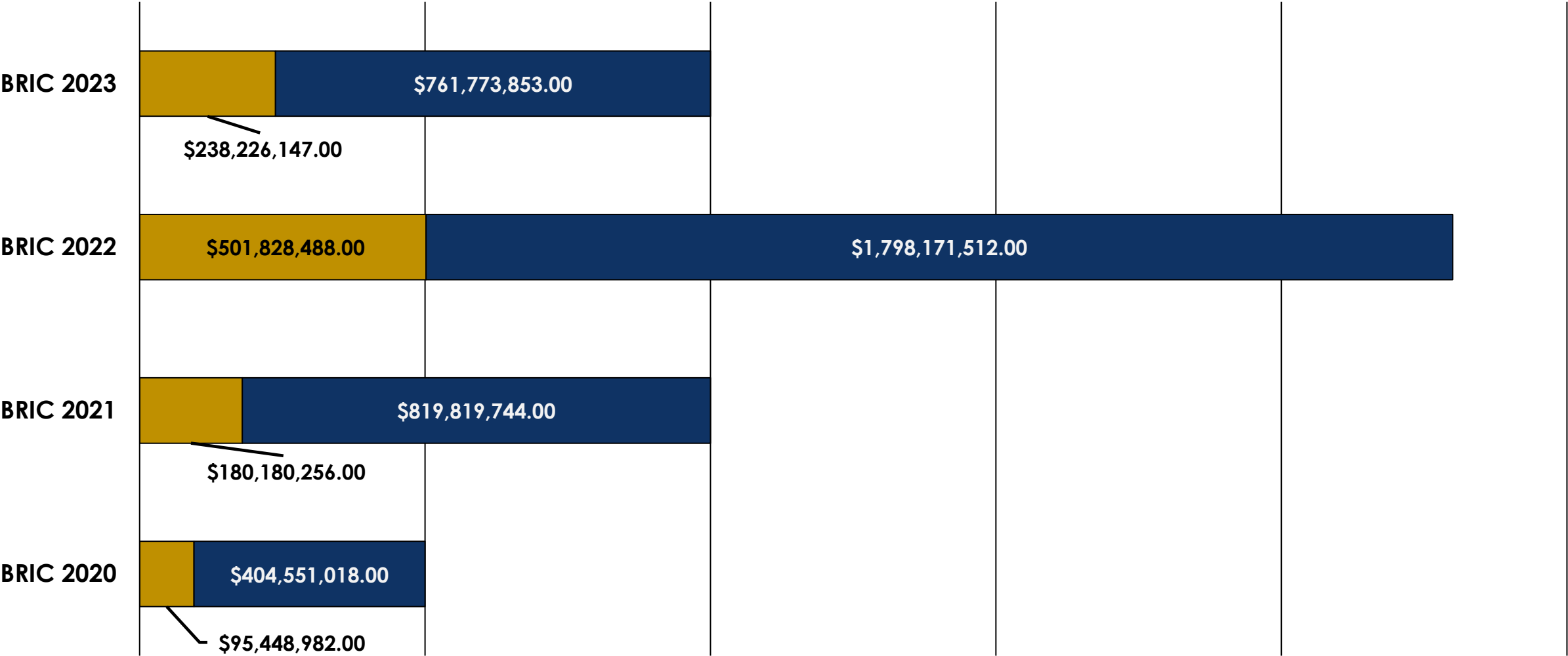
- Assistance with project scoping
- How to quickly identify projects that may be eligible, feasibility, cost-effective, and competitive
- Goal is to identify projects that will be competitive with FEMA's priorities for BRIC & FMA
- **Focus time and resources on good, fundable projects**

Additional Points:

- ❖ Ensure detailed Scope of Work (SoW)
 - Location
 - Purpose
 - Approach
 - Feasibility
 - Expected outcomes
 - Benefits of the activity
- ❖ Cost estimate and narrative describing the anticipated costs
- ❖ Data collection for cost-effectiveness screening
- ❖ A FEMA credible BCA is key. If the project is preliminary, phase the project and include a rerun of the BCA as a Phase I deliverable

BRIC Funding by Year

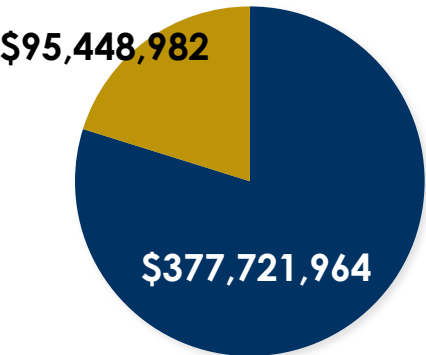
Funding Available by Year



California BRIC History



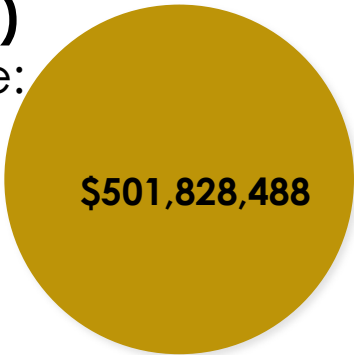
CA BRIC 2020 (Fed Share)



BRIC 2020 (Competitive)

- Total Funding Available: \$500 million
- California Selected: \$95.5 million (19.1%)
- Projects Submitted: 26
- Projects Selected: 4

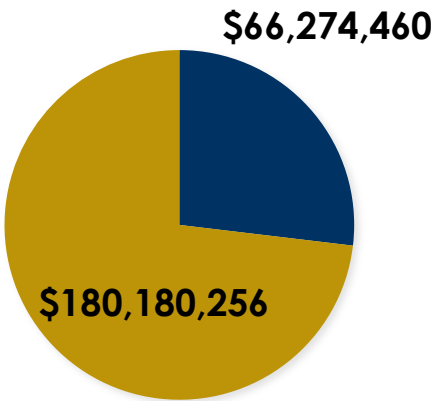
CA BRIC 2022 (Fed Share)



BRIC 2022 (Competitive)

- Total Funding Available: \$2.3 billion
- California Selected: \$501.8 million (21.8%)
- Projects Submitted: 19
- Projects Selected: 19

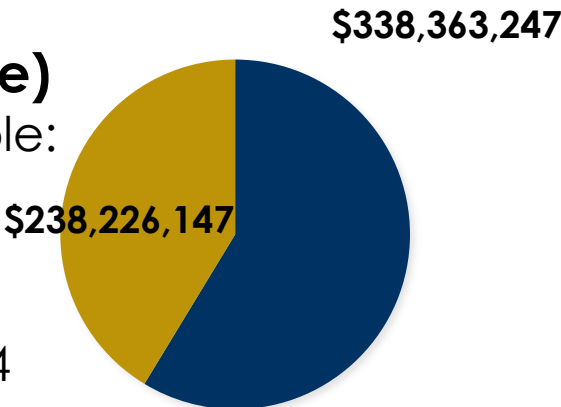
CA BRIC 2021 (Fed Share)



BRIC 2021 (Competitive)

- Total Funding Available: \$1 billion
- California Selected: \$180 million (18%)
- Projects Submitted: 11
- Projects Selected: 9

CA BRIC 2023 (Fed Share)



BRIC 2023 (Competitive)

- Total Funding Available: \$1 billion
- California Selected: \$238 million (24%)
- Projects Submitted: 24
- Projects Selected: 13

Next Steps

- Submitting a Notice of Interest
 - Discuss what data is available, specifically for the BCA
 - Outline what goes into a budget, scope of work, and schedule
- Complete the local planning process – adopt the plan!
- Recommend meeting with other communities

Thank you!



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 6.A
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: FOR BLUE FOLDER DOCUMENTS APPROVED AT THE CITY COUNCIL MEETING

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

Approved.

ATTACHMENTS:

[CL_AGN_241210_CC_Item4B.pdf](#)

[CL_AGN_241210_CC_Item7A.pdf](#)

BLUE FOLDER ITEM (SUPPLEMENTAL)

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CITY COUNCIL MEETING December 10, 2024

- 4B. RECEIVE AND FILE A PRESENTATION OVERVIEW FROM THE CALIFORNIA GOVERNOR'S OFFICE OF EMERGENCY SERVICES (CAL OES) REGARDING FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND CAL OES HAZARD MITIGATION ASSISTANCE PROGRAM**
FROM: CHRISTIAN HORVATH, CITY CLERK/EXECUTIVE ASSISTANT TO THE CITY MANAGER

[CL_AGN_241210_CalOES_StateHMP_Presentation.pdf](#)

BLUE FOLDER ITEM (SUPPLEMENTAL)

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CITY COUNCIL MEETING December 10, 2024

- 7A. SUPPLEMENTAL PUBLIC COMMENT ON NON-AGENDA ITEMS**
FROM: CHRISTIAN HORVATH, CITY CLERK/EXECUTIVE ASSISTANT TO THE CITY
MANAGER

[CL_AGN_241210_CC_Item7A_PublicComment01.pdf](#)



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 7.A
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: SUPPLEMENTAL PUBLIC COMMENT ON NON-AGENDA ITEMS

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

Receive and file.

ATTACHMENTS:

[CL_AGN_241210_CC_Item7A_PublicComment01.pdf](#)

James and Ann Bellis

*3 Quail Ridge Rd. South
Rolling Hills, CA 90274
(909) 855-7868
jamescbellis@gmail.com*

December 9, 2024

City of Rolling Hills
City Council
2 Portuguese Bend Rd.
Rolling Hills, CA 90274

Cc Rolling Hills Community Association
1 Portuguese Bend Rd.
Rolling Hills, CA 90274

Dear City of Rolling Hills:

There are continued concerns with the crack on Quail Ridge Rd S. On November 29, 2024 at approximately 1:00AM, a large Ficus tree at the south corner of the bedroom of 3 Quail Ridge S. suddenly fell over, pointing to the direction of land movement below the crack (See figures 1-3). This tree was approximately 16 feet away from the crack and 14 feet away from the edge of the house. The roots and dirt under the tree were examined and found to have excessive amounts of moisture. The sprinkler system timers had all been reduced months prior to the tree falling and there was no sign of irrigation or potable water leakage on the water meter. There may be a leak from another property, California Water Service's water line, and/or water tower that is contributing to land movement in this area.

Suffice to say, the crack, though slowing at geologist control points near the road, is still growing and maybe getting larger in other areas of land not monitored by the geologist. I have included several updated photos of the crack on 3 Quail Ridge S. in the canyon below the residence. These cracks were not visible prior to September 28, 2024 and are now easily identified (See figures 4 – 6).

The City continues to claim the crack is not effected by nearby development, not of concern, and is slowing down. I would like to invite the City Council members to see the crack in its entirety on 3 Quail Ridge S. The City needs recognize the continuing issue and agendize a vote to place a development moratorium in the landslide area until the land stops moving and the slide area is deemed safe **for all residents and their property.** (proposed moratorium area shown on Figure 14 in this letter).

Pursuant to Government Code section 66300, subdivision (b)(1)(B)(ii), a city cannot enforce a moratorium that would limit housing development until it has submitted the ordinance to and received approval from HCD. Conditions for imposing a moratorium, or similar restrictions on housing development, must demonstrate "an imminent threat to the health and safety of persons residing in, or within the immediate vicinity of, the area subject to the moratorium" (Gov. Code, § 66300, subd. (b)(1)(B)(i)). **The City of Rolling Hills and its elected and appointed officials can demonstrate and know that there is an imminent threat to the Rolling Hills residents living in the vicinity of the Greater Portuguese Landslide Complex.**

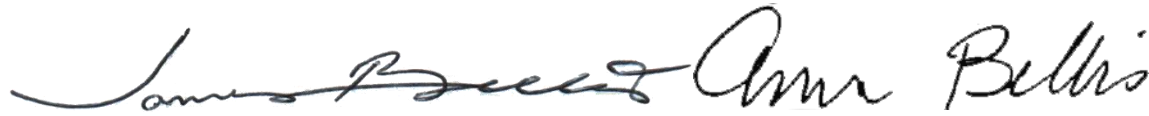
James and Ann Bellis

*3 Quail Ridge Rd. South
Rolling Hills, CA 90274
(909) 855-7868
jamescbellis@gmail.com*

I continue to submit these letters to the City as part of my due diligence. Until the City can prove that development is safe, not adversely affecting other properties, and not contributing to an existing and expanding landslide issue, should the moratorium be lifted.

I AGAIN REQUEST, THE CITY AGENDIZE A MORATORIUM ON DEVELOPMENT AND REMOVAL OF 3+ INCH DIAMETER TREES, PUBLICALLY DISCUSS THE ITEM, AND VOTE ON THE ITEM.

Sincerely,



James and Ann Bellis
3 Quail Ridge Rd. S., Rolling Hills, CA 90274

Enclosed

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Figure 1: November 28, 2024 Ficus Tree Failure

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Figure 2: November 28, 2024 Ficus Tree Failure

James and Ann Bellis

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Figure 3: November 28, 2024 Ficus Tree Failure

James and Ann Bellis

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Figure 4: November 11, 2024 Canyon Below 3 Quail Ridge S - Increased Fence Damage

James and Ann Bellis

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Figure 5: November 11, 2024 - Crack in Canyon Below 3 Quail Ridge S

James and Ann Bellis

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Figure 6: November 11, 2024 Crack and fracturing in canyon below 3 Quail Ridge Rd S

James and Ann Bellis

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Figure 7: September 9, 2024 Crack between 3 and 5 Quail Ridge Rd. S.



Figure 8: September 9, 2024 Crack and movement on Quail Ridge Rd. S.

James and Ann Bellis

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Figure 9: September 24th, 2024 Showing Expanding Crack and vertical movement

James and Ann Bellis

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jamescbellis@gmail.com*



Figure 10: September 29, 2024 showing crack widening and vertical movement



Figure 11: September 29, 2024 showing crack all the way through property and damaging fence

James and Ann Bellis

3 Quail Ridge Rd. South

Rolling Hills, CA 90274

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Figure 12: September 30, 2024 Crack running through retaining wall

James and Ann Bellis

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Rolling Hills, CA 90274
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jamescbellis@gmail.com

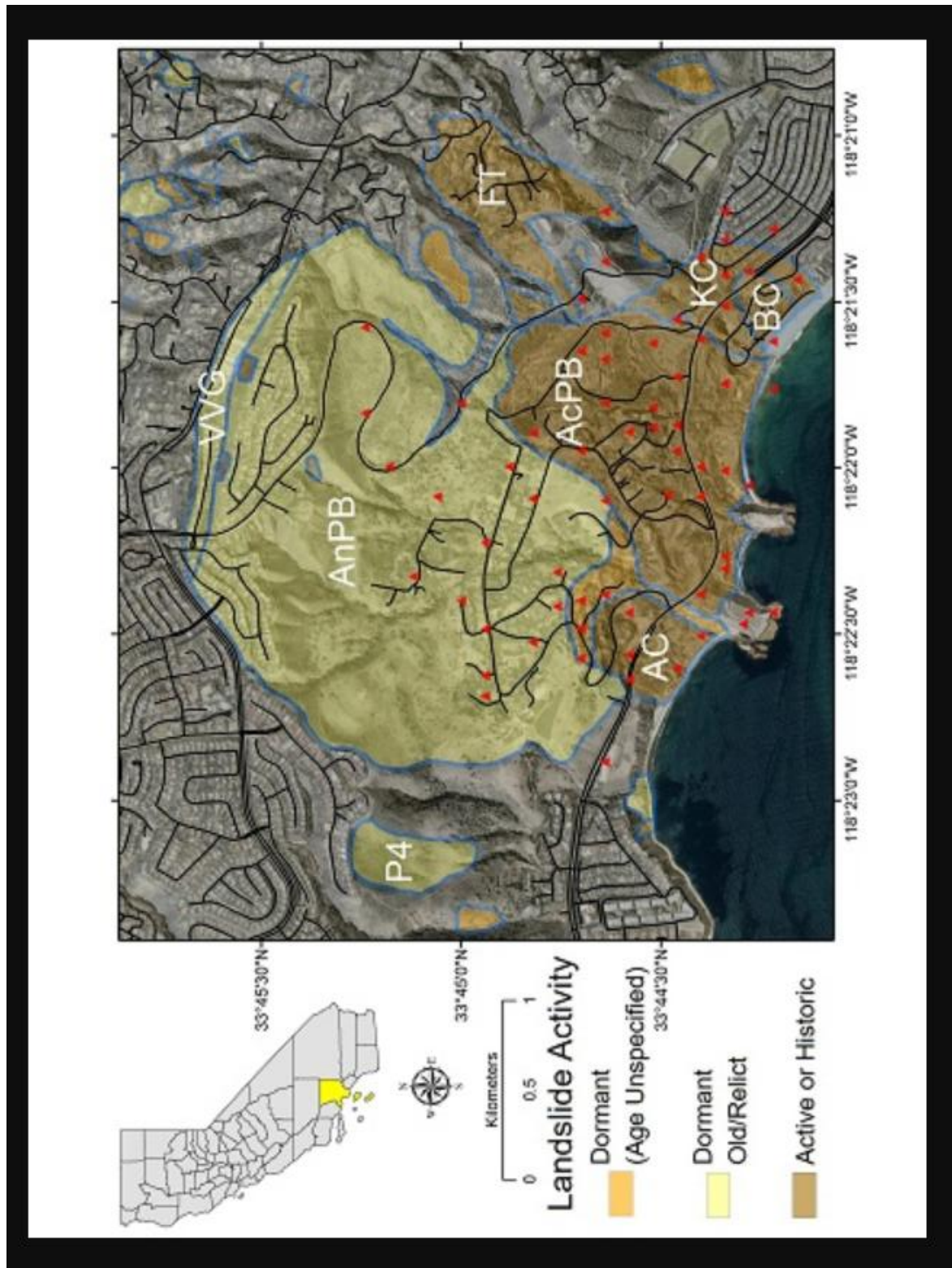


Figure 13: Greater Portuguese Bend Landslide Complex Overview Map

James and Ann Bellis

3 Quail Ridge Rd. South
Rolling Hills, CA 90274
(909) 855-7868

jamescbellis@gmail.com

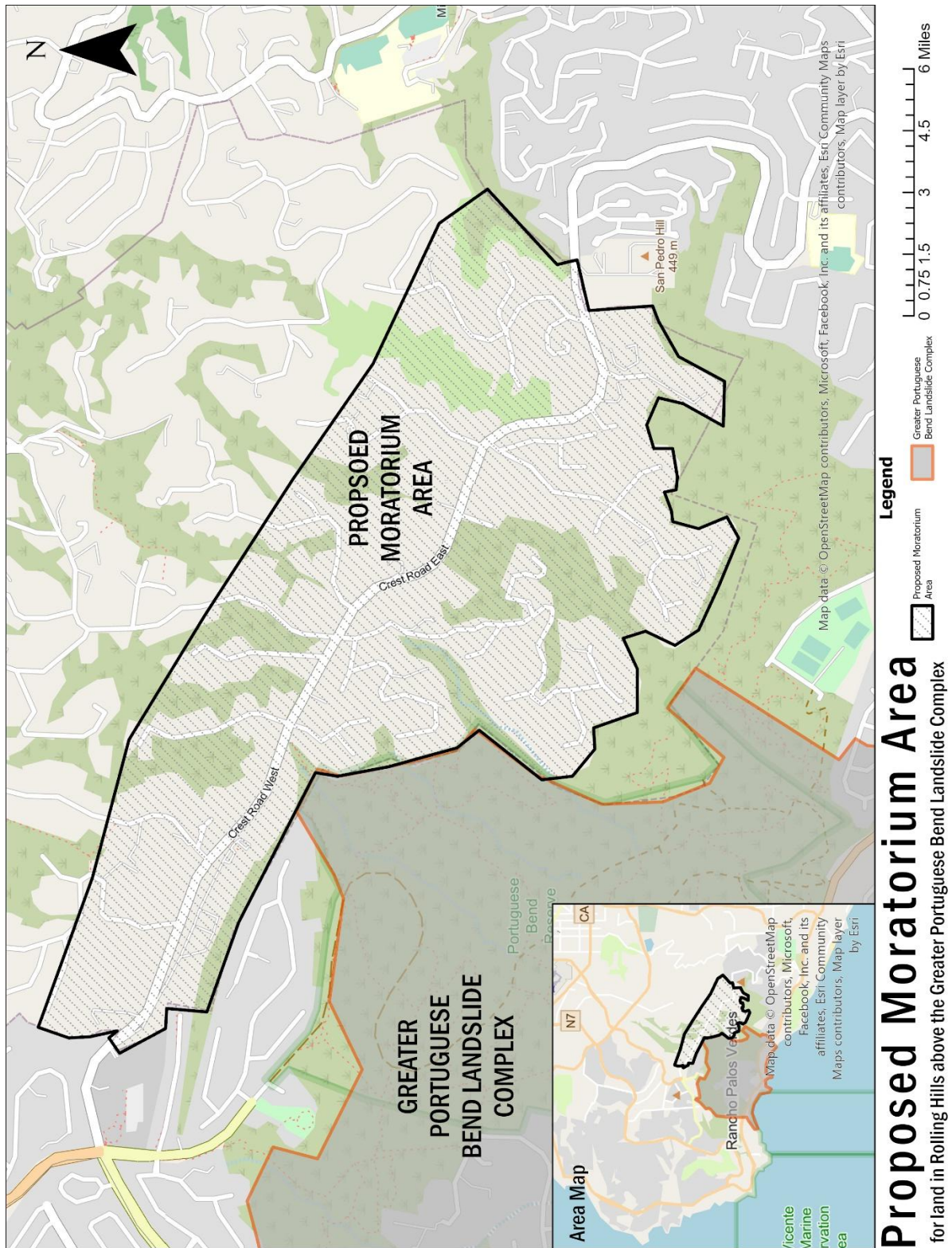


Figure 14: Proposed Rolling Hills Moratorium Area



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 8.A
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: APPROVE AFFIDAVIT OF POSTING FOR THE CITY COUNCIL REGULAR MEETING OF DECEMBER 10, 2024

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

Approve.

ATTACHMENTS:

[CL_AGN_241210_CC_AffidavitofPosting.pdf](#)



Administrative Report

8.A., File # 2569

Meeting Date: 12/10/2024

To: MAYOR & CITY COUNCIL

From: Christian Horvath, City Clerk

TITLE

APPROVE AFFIDAVIT OF POSTING FOR THE CITY COUNCIL ADJOURNED REGULAR MEETING OF DECEMBER 10, 2024

EXECUTIVE SUMMARY

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS
CITY OF ROLLING HILLS)

AFFIDAVIT OF POSTING

In compliance with the Brown Act, the following materials have been posted at the locations below.

Legislative Body	City Council
Posting Type	Adjourned Regular Meeting Agenda
Posting Location	2 Portuguese Bend Road, Rolling Hills, CA 90274 City Hall Window City Website: https://www.rolling-hills.org/government/agenda/index.php https://www.rolling-hills.org/government/city_council/city_council_archive_agendas/index.php

Meeting Date & Time	DECEMBER 10, 2024	7:00pm Open Session

As City Clerk of the City of Rolling Hills, I declare under penalty of perjury, the document noted above was posted at the date displayed below.

Christian Horvath, City Clerk

Date: December 6, 2024



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 8.B
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: APPROVE MOTION TO READ BY TITLE ONLY AND WAIVE FURTHER READING OF ALL ORDINANCES AND RESOLUTIONS LISTED ON THE AGENDA

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

Approve.

ATTACHMENTS:



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 8.C
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: APPROVE THE FOLLOWING CITY COUNCIL MINUTES: NOVEMBER 25, 2024 REGULAR MEETING

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

Approve as presented.

ATTACHMENTS:

[CL_MIN_241125_CC_F_A.pdf](#)



1. CALL TO ORDER

The City Council of the City of Rolling Hills met in person on the above date at 7:00 p.m. Mayor Mirsch presiding.

2. ROLL CALL

Councilmembers Present: Wilson, Dieringer, Pieper, Mayor Mirsch
Councilmembers Absent: Black
Staff Present: Karina Bañales, City Manager
Christian Horvath, City Clerk / Executive Assistant to the City Manager
Samantha Crew, Management Analyst
Pat Donegan, City Attorney

3. PLEDGE OF ALLEGIANCE – San Pedro High School student Melissa Gonzalez

4. OATH OF OFFICE / CITY COUNCIL REORGANIZATION / PRESENTATIONS / PROCLAMATIONS / ANNOUNCEMENTS

4.A. ADMINISTRATION OF OATH OF OFFICE BY CITY CLERK TO MAYOR PRO TEM JEFF PIEPER AND COUNCILMEMBER BEA DIERINGER

City Clerk / Executive Assistant to the City Manager Horvath administered the Oath of Office to Mayor Pro Tem Pieper and Councilmember Dieringer.

4.B. CITY COUNCIL REORGANIZATION

Motion by Mayor Mirsch, seconded by Councilmember Wilson to nominate Jeff Pieper as Mayor. Motion carried unanimously with the following vote:

AYES: Wilson, Dieringer, Pieper, Mayor Mirsch
NOES: None
ABSENT: Black

Motion by Mayor Pieper, seconded by Councilmember Mirsch to nominate Bea Dieringer as Mayor Pro Tem. Motion carried unanimously with the following vote:

AYES: Mirsch, Wilson, Dieringer, Mayor Pieper
NOES: None
ABSENT: Black

Mayor Pieper remarked on former Mayor Mirsch's past year of service and presented her with a plaque of recognition. The following sent certificates of recognition for her service:

Congressmember Ted Lieu
State Senator Ben Allen
State Assemblymember Al Muratsuchi
LA County Supervisor Hahn

Palos Verdes Estates Mayor Dawn Murdock
Rancho Palos Verdes Mayor John Cruikshank
Rolling Hills Estates Mayor Velveth Schmitz
Palos Verdes Library District Board President Bob Parke
Palos Verdes Unified School District President Ami Gandhi

Councilmember Wilson and Mayor Pro Tem Dieringer also made remarks and thanked former Mayor Mirsch for her service.

Former Mayor Mirsch noted it was an honor to serve during a challenging year. She thanked the residents for their public participation, City staff, and her colleagues while reflecting on her term.

Mayor Pieper requested a motion for a brief recess at 7:09 p.m. Without objection, so ordered.

Mayor Pieper reconvened the meeting at 7:12 p.m.

5. APPROVE ORDER OF THE AGENDA

Mayor Pieper requested moving Item 15B up after the consent calendar. Without objection, so ordered.

6. BLUE FOLDER ITEMS (SUPPLEMENTAL) – NONE

7. PUBLIC COMMENT ON NON-AGENDA ITEMS – NONE

8. CONSENT CALENDAR

8.A. APPROVE AFFIDAVIT OF POSTING FOR THE CITY COUNCIL REGULAR MEETING OF NOVEMBER 25, 2024

8.B. APPROVE MOTION TO READ BY TITLE ONLY AND WAIVE FURTHER READING OF ALL ORDINANCES AND RESOLUTIONS LISTED ON THE AGENDA

8.C. APPROVE THE FOLLOWING CITY COUNCIL MINUTES: NOVEMBER 11, 2024 REGULAR MEETING

8.D. PAYMENT OF BILLS

8.E. REPUBLIC SERVICES RECYCLING TONNAGE AND COMPLAINT REPORTS FOR OCTOBER 2024

8.F. RECEIVE AND FILE MEASURE W, MUNICIPAL SAFE CLEAN WATER (SCW) ANNUAL REPORT FOR FISCAL YEAR 2023-24

8.G. PULLED BY MAYOR PRO TEM DIERINGER

8.H. FOR SECOND READING AND ADOPTION: ADOPT BY TITLE ONLY ORDINANCE NO. 385 AMENDING CHAPTER 17.28 OF THE MUNICIPAL CODE REGARDING ACCESSORY DWELLING UNITS AND JUNIOR ACCESSORY DWELLING UNITS TO COMPLY WITH RECENT CHANGES IN STATE LAW; AND FINDING THE ACTION TO BE STATUTORILY EXEMPT FROM CEQA UNDER SECTION 21080.17 OF THE PUBLIC RESOURCES CODE

Motion by Councilmember Wilson, seconded by Councilmember Mirsch to approve the Consent Calendar except Item 8G. Motion carried unanimously with the following vote:

AYES: Mirsch, Wilson, Dieringer, Mayor Pieper
NOES: None
ABSENT: Black

9. EXCLUDED CONSENT CALENDAR ITEMS

8.G. RECEIVE AND FILE SUBMITTAL OF THE ANNUAL MUNICIPAL STORMWATER REPORT FOR FISCAL YEAR 2023-24

Mayor Pro Tem Dieringer had some questions specific to water monitoring. Kathleen McGowan, City Consultant on stormwater matters proceeded to answer questions and explain the tracking information provided in Attachments D and E.

Motion by Mayor Pro Tem Dieringer, seconded by Councilmember Wilson to receive and file. Motion carried unanimously with the following vote:

AYES: Mirsch, Wilson, Dieringer, Mayor Pieper
NOES: None
ABSENT: Black

Mayor Pieper moved to Item 15B.

15. MATTERS FROM STAFF

15.B. RECEIVE AND FILE A VERBAL UPDATE ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) GRANT PROGRAMMING ADMINISTERED BY CALIFORNIA GOVERNOR'S OFFICE OF EMERGENCY SERVICES (CAL OES)

Presentation by City Manager Karina Bañales
Area G Disaster Management Coordinator Brandy Villanueva

Public Comment: James Wald

Motion by Councilmember Mirsch, seconded by Mayor Pro Tem Dieringer authorizing staff to arrange a meeting with Cal OES for a site visit to the City of Rolling Hills and attend a future City Council meeting; to begin coordinating with Cal OES specifically regarding applying for available grant programs, and return to the Council with updates or any required approvals. Motion carried unanimously with the following vote:

AYES: Mirsch, Wilson, Dieringer, Mayor Pieper
NOES: None
ABSENT: Black

Mayor Pieper returned to the regular Agenda Order.

10. COMMISSION ITEMS – NONE

11. PUBLIC HEARINGS – NONE

12. OLD BUSINESS – NONE

13. NEW BUSINESS – NONE

14. MATTERS FROM THE CITY COUNCIL

14.A. VERBAL UPDATE ON THE CITY HALL ADA PROJECT PROGRESS (MAYOR PIEPER)

Presentation by Mayor Pieper

Motion by Councilmember Wilson, seconded by Councilmember Mirsch authorizing the Mayor to work with staff towards developing a revised plan for ADA compliance as a result of the Rolling Hills Community Association Architectural Committee's denial of approval. Motion carried unanimously with the following vote:

AYES: Mirsch, Wilson, Dieringer, Mayor Pieper
NOES: None
ABSENT: Black

15. MATTERS FROM STAFF

15.A. REVIEW COUNCIL EXPENDITURES FOR CONFERENCES ABOVE AND BEYOND THE \$1000 LIMIT PER MEMBER AS SET BY RESOLUTION AND DISCUSS POTENTIAL APPROVAL OR DENIAL

Presentation by City Clerk / Executive Assistant to the City Manager Christian Horvath

Motion by Mayor Pieper, seconded by Councilmember Wilson to reimburse Mayor Pro Tem Dieringer \$1002.00 for expenses incurred, approve an additional maximum of \$75.00 for a forthcoming December expense specific to the CalCities/Contract Cities event, and specify that any future expenditures, for the remainder of the fiscal year, will not be approved without a formal estimated budget presented to the City Council ahead of time. Motion carried unanimously with the following vote:

AYES: Mirsch, Wilson, Dieringer, Mayor Pieper
NOES: None
ABSENT: Black

City Manager Bañales verbally reported out on recent discussions with Southern California Edison regarding their exploration of solutions to re-energize impacted areas within the city. Councilmember Mirsch shared her perspective from attending the meeting and expressed a desire to continue participating in future meetings on behalf of the City Council and the impacted residents.

City Clerk / Executive Assistant to the City Manager Horvath verbally reported out on recent notifications from the California Fair Political Practices Commission regarding Form 700 submission requirements beginning in 2025.

Councilmember Wilson requested that staff look into regulations or guidance specific to noise and air pollution as a result of increased generator usage in the community as compared to other cities or locations.

16. RECESS TO CLOSED SESSION – 9:08 P.M.

16.A. CONFERENCE WITH LEGAL COUNSEL - INITIATION OF LITIGATION GOVERNMENT CODE SECTION 54956.9(D)(4) THE CITY FINDS, BASED ON ADVICE FROM LEGAL COUNSEL, THAT DISCUSSION IN OPEN SESSION WILL PREJUDICE THE POSITION OF THE CITY IN THE LITIGATION. (1 CASE)

16.B. EXISTING LITIGATION - GOVERNMENT CODE SECTION 54956.9(D)(1) THE CITY FINDS, BASED ON ADVICE FROM LEGAL COUNSEL, THAT DISCUSSION IN OPEN SESSION WILL

PREJUDICE THE POSITION OF THE CITY IN THE LITIGATION. (1 CASE) a. NAME OF CASE: CONNIE ANDERSEN, ET AL. V. CALIFORNIA WATER COMPANY, ET AL. (SEAVIEW CASE) CASE NO.: 24STCV20953

16.C. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION GOVERNMENT CODE SECTION 54956.9 (2 CASES) CPUC COMPLAINTS AGAINST SOTHERN CALIFORNIA EDISON AND SOCAL GAS

17. RECONVENE TO OPEN SESSION – 10:08 P.M.

18. ADJOURNMENT: 10:08 P.M.

The meeting was adjourned at 10:08 p.m. on November 25, 2024. The next adjourned regular meeting of the City Council is scheduled to be held on Tuesday, December 10, 2024 beginning at 7:00 p.m. in the City Council Chamber at City Hall, 2 Portuguese Bend Road, Rolling Hills, California. It will also be available via City's website link at: <https://www.rolling-hills.org/government/agenda/index.php>

All written comments submitted are included in the record and available for public review on the City website.

Respectfully submitted,

Christian Horvath, City Clerk

Approved,

Jeff Pieper, Mayor



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 8.D
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: PAYMENT OF BILLS

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

Approve as presented.

ATTACHMENTS:

[CL_AGN_241210_CC_PaymentOfBills.pdf](#)

CITY OF ROLLING HILLS

AP25-010, ACH25-010

Check Run 12/04/2024

Check No.	Check Date	Payee	Description	Amount
028777	12/4/2024	4Leaf, Inc.	Code Enforcement Services for October 2024	5,130.00
028777	12/4/2024	4Leaf, Inc.	Code Enforcement Services for September 2024	4,560.00
CHECK TOTAL			\$ 9,690.00	
028778	12/4/2024	Alan Palermo Consulting	Nov. 2024 Serv- ADA, Siren, Sewer, Crest Rd/Eastfield	1,485.00
028779	12/4/2024	Best Best & Krieger LLP	General Services-November 2024	21,539.00
028779	12/4/2024	Best Best & Krieger LLP	Nov 2024 Serv-79 Eastfield Dr	75.00
028779	12/4/2024	Best Best & Krieger LLP	Nov 2024 Serv-ADU Ordinance Update	850.00
028779	12/4/2024	Best Best & Krieger LLP	Nov. 2024 Serv-Client Memo Re: SB450	250.00
CHECK TOTAL			\$ 22,714.00	
028780	12/4/2024	Cell Business Equipment	Toner Freight Charge	27.00
028781	12/4/2024	Cox Communications	Phone Service Nov 26 to Dec 25, 2024	88.79
028782	12/4/2024	Southern California News Group	Pub Not-Abatement CE Case 404-20PBR	493.29
028783	12/4/2024	Bea Dieringer	Reimburse CM Dieringer-Approved by Council 11-25-	1,002.00
028784	12/4/2024	Executive Suite Services Inc.	November 2024 Janitorial Services	920.00
028785	12/4/2024	County of Los Angeles	October 2024 Animal Care Housing Costs	97.83
028785	12/4/2024	County of Los Angeles	September 2024 Animal Care Housing Costs	1,086.68
CHECK TOTAL			\$ 1,184.51	
028786	12/4/2024	County of Los Angeles	LAC PW Building Services-September 2024	26,596.28
028787	12/4/2024	LA County Sheriff's Department	October 2024 LMT Traffic Enforcement Special Event	2,197.35
028788	12/4/2024	MARK TOWLE	2024 Holiday Open House Bartending Service	200.00
028789	12/4/2024	NV5, INC.	October 2024 Services- CORH-22-11241 Flow	2,689.48
028790	12/4/2024	Orkin	November 2024 Monthly Pest Control	172.99
028791	12/4/2024	Quadiaent	Folding Machine Service	370.00
028792	12/4/2024	Race Communications	Race Communications Fiber Dec. 2024	1,020.00
028793	12/4/2024	Southern California Edison	Design 20B-Eastfield Dr Grant DR4382-PJ0177 Pmt#3	200,000.00
028794	12/4/2024	SANDRA DANKO	2024 Holiday Open House-S. Danko	860.00
028795	12/4/2024	Shanahan Printing & Graphics	Printing Serv-Evac Brochure	1,723.64

028796	12/4/2024	VR Plumbing Inc.	Abatement of 6 Saddleback Road	2,850.00
028797	12/4/2024	Women's Community Club of Rolling	Reimbursement of Expenses	1,928.00
ACH-722	7/22/2024	Abila	Accounting Software from 07-18-24 to 08-17-24	349.67
ACH-723	11/21/2024	Bennett Landscape	City Hall Landscape Project	53,928.00
ACH-724	11/12/2024	CalPERS	CalPERS Retirement Payroll Ending 11-12-24	1,607.35
ACH-725	12/1/2024	Delta Dental	Dental Coverage for December 2024	1,084.38
ACH-726	12/1/2024	Forum Info-Tech. Inc./Levelcloud	December 2024 Cloud Hosting	5,903.82
ACH-727	12/1/2024	Nextiva	Business Phone Service for December 2024	290.21
ACH-728	12/4/2024	Pacific Premier Bank / FNBO	Pac Prem Cred Crd Stmt November 2024 Acct #5191	435.00
ACH-729	12/4/2024	Pacific Premier Bank / FNBO	Pac Prem Cred Crd Stmt November 2024 Acct # 0306	2,386.31
ACH-730	12/4/2024	Pacific Premier Bank / FNBO	Pac Prem Cred Crd Stmt November 2024 Acct # 1746	3,031.21
ACH-731	7/31/2024	Southern California Edison	Electricity usage 06-17-24 to 07-17-24 ACCT #4218	438.95
ACH-732	12/1/2024	Standard Insurance Company	December 2024 Life Insurance Policy #161783 Div	221.69
ACH-733	11/12/2024	Vantagepoint Transfer Agents -	Deferred Comp Contributions PR Ending 11-12-24	2,669.63
PR LINK	11/21/2024	PR LINK - Payroll & PR Taxes PR	Payroll Processing Fee PR Supp_ 11/13/24 - 11/14/24	58.51
PR LINK	11/21/2024	PR LINK - Payroll & PR Taxes PR	Pay Period PR Supp_ 11/13/24 - 11/14/24	13,941.44
PR LINK	11/29/2024	PR LINK - Payroll & PR Taxes PR#24	Payroll Processing Fee PR#24_ 11/13/24 - 11/26/24	63.22
PR LINK	11/29/2024	PR LINK - Payroll & PR Taxes PR#24	Pay Period PR#24_ 11/13/24 - 11/26/24	19,112.95
				383,734.67

I, Karina Banales, City Manager of Rolling Hills, California certify that the above demands are accurate and there is available in the General Fund a balance of
\$ 383,734.67 for the payment of above items.

for Karina Banales, City Manager



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 8.E
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: APPROVE APPOINTMENTS TO THE PLANNING & TRAFFIC COMMISSIONS FOR THE TERM BEGINNING JANUARY 2, 2025 AND EXPIRING JANUARY 1, 2029

DATE: December 10, 2024

BACKGROUND:

The City of Rolling Hills commission appointment process for filling expiring terms calls for the incumbents and public to be informed of the openings prior to the expiration of terms.

On October 28, 2024, the City Council reviewed the appointment timeline, and the official local appointment list, per the Maddy Act, was posted at City Hall.

On October 29, 2024, letters were mailed to incumbents advising of the Commission reappointment process. The public was noticed via the Blue Newsletter and City Website of the openings and the timeline process.

On November 21, 2024, at 12 p.m., the period to receive letters of interest ended.

On December 4, 2024, the City Council Personnel Committee (Councilmember Pieper and Councilmember Dieringer) conducted interviews with new Commission candidates.

The below list shows the Commissioners whose terms are expiring along with the date of their original appointment and term expiration.

Planning Commission

Jana Cooley November 14, 2016 to January 1, 2025

Traffic Commission

Charlie Raine May 9, 2016 to January 1, 2025

DISCUSSION:

Upon completion of the noticing period and the November 21, 2024 due date for letters of interest, staff had received one submission for the Planning Commission from Ms. Sharon Soo. For the Traffic Commission, staff received submissions from incumbent Commissioner Raine as well as Mr. Roger Hawkins and Mr. Bill Varner.

Interviews were conducted on December 4, 2024. The Personnel Committee recommends the appointment of Ms. Soo to the Planning Commission and re-appointment of Traffic Commissioner Raine for a four-year term commencing January 2, 2025 and ending January 1, 2029

FISCAL IMPACT:

None.

RECOMMENDATION:

Approve the appointment of Sharon Soo to the Planning Commission and re-appointment of Traffic Commissioner Charlie Raine.

ATTACHMENTS:



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 11.A
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: A PUBLIC HEARING REGARDING A NUISANCE ABATEMENT AT 20 PORTUGUESE BEND ROAD (LOT 58-A-RH), AND CONSIDERATION OF A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROLLING HILLS DECLARING THE CONDITION OF THE PROPERTY TO BE A PUBLIC NUISANCE AND ORDERING THE ABATEMENT THEREOF

DATE: December 10, 2024

BACKGROUND:

On April 22, 2024, City Staff was alerted to the fact that there is a dead pine tree located along Portuguese Bend Road a few hundred feet north of Saddleback Road and Poppy Trail on the east side of the road. Staff reached out to adjacent property owners, the Rolling Hills Community Association (RHCA), and Los Angeles County Weight and Measures to determine the exact location of the tree. After some research, staff determined the dead tree was located at 20 Portuguese Bend Road (Lot 58-A-RH) (hereinafter referred to as the "Subject Property"). The dead tree is clearly visible from the street, is a fire hazard, and an eyesore.

On May 23, 2024, City Staff sent a first notice of violation regarding a dead tree and any other overgrown/dead vegetation on a property located at 20 Portuguese Bend Road (Lot 58-A-RH) (Attachment 2). Per Rolling Hills Municipal Code (RHMC) Section 8.30.010 (Dead or alive tumbleweeds and dead trees, shrubs, palm fronds or other plants as public nuisance), the violation is a public nuisance:

- "Every person who owns or is in possession of any property, place or area within the boundaries of the City shall, at his or her own expense, maintain the property, place or area free from any dead or alive tumbleweed or dead tree, shrub, palm frond or other plant. Any dead or alive tumbleweed or dead tree, shrub, palm frond or other plant located on any property in the City is hereby declared to be a public nuisance."

City Staff indicated the tree must be removed no later than June 6, 2024. This deadline passed and the Property Owners failed to make a good faith effort towards abatement of the nuisance condition on the Subject Property.

On June 6, 2024, City Staff sent a second notice to the Owners, indicating that the items must be removed no later than June 20, 2024. This deadline passed, and the Property Owners failed to make a good faith effort to abate the nuisance condition on the Subject Property (Attachment 3).

On August 13, 2024, City Staff sent a Notice to Abate to the Property Owners, requiring them to abate the identified nuisance within 15 days from the date of the Notice, or August 28, 2024. If the conditions in the Notice were not abated, or if the Property Owners failed to make a good faith effort toward abatement to the satisfaction of the City Manager by August 28, 2024, then a hearing would be scheduled before the City Council on August 12, 2024 (Attachment 4).

Pursuant to Sections 8.24.040 and 8.24.050 of RHMC, the City Council may conduct a hearing to consider any protest of the Property Owner, possessor, or other interested person regarding the condition of the Subject Property. If the City Council determines that the property at 20 Portuguese Bend Road constitutes a condition that is injurious to the public health, safety, and welfare by violating Section 8.30.010 of RHMC such that it is a public nuisance pursuant to Chapter 8.24 of RHMC, then the City Council may order the Property Owners to abate such nuisance within 30 days. In the event the property owners fail to complete the measures specified above by the specific dates, the City can perform the corrective measures at the Property Owners' expense as authorized in Section 8.24.060 of RHMC.

Should the City Council find that the condition of the property continues to constitute a public nuisance within the meaning of the Municipal Code, the attached Resolution contains an order to abate the violation, and states that should the Property Owners fail to perform abatement, the City will either, with the property owner's consent or under the authority of a new abatement warrant, engage services of a contractor to remediate the site at the property owners' expense.

DISCUSSION:

On November 26, 2024, Code Enforcement informed City staff that the tree had been removed by the property owner.

FISCAL IMPACT:

If the nuisance is not abated by the Property Owners voluntarily, the City may abate the nuisance by seeking an Abatement Warrant from the local Superior Court at the expense of the Property Owners. If the total cost of abating the nuisance is not paid to the City within 10 days after notice is given, the City Clerk may record, in the Office of the County Recorder, a statement of the total balance due to the City, which shall constitute a lien upon the property. In the alternative to a warrant, the City may proceed with filing a nuisance lawsuit and request

the appointment of a receiver to clean up the property and recover costs through the litigation.

RECOMMENDATION:

As a result of the public nuisance being abated after the public notice was issued, staff recommends cancelling the public hearing.

ATTACHMENTS:

[Attachment 1: ResolutionNo1380_20PBR_NoticeToAbate_F.pdf](#)

[Attachment 2: Dyer NOV Letter 1.pdf](#)

[Attachment 3: Dyer NOV Letter 2.pdf](#)

[Attachment 4: 20 PBR Dyer Abatement Letter.pdf](#)

RESOLUTION NO. 1380

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROLLING HILLS DECLARING A DEAD TREE ON A PROPERTY LOCATED AT 20 PORTUGUESE BEND ROAD TO BE A PUBLIC NUISANCE AND ORDERING THE ABATEMENT THEREOF (LOT 58-A-RH) (DYER)

The City Council of the City of Rolling Hills does hereby find, resolve and order as follows:

Section 1. Recitals.

A. It is the duty of every person that owns or is in possession of any property, place or area within the boundaries of the City to maintain the property, place or area free from any nuisance. (Rolling Hills Municipal Code Section 8.24.020.) Section 8.30.010 (Dead or alive tumbleweeds and dead trees, shrubs, palm fronds or other plants as public nuisance) of the Rolling Hills Municipal Code states: "Every person who owns or is in possession of any property, place or area within the boundaries of the City shall, at his or her own expense, maintain the property, place or area free from any dead or alive tumbleweed or dead tree, shrub, palm frond or other plant. Any dead or alive tumbleweed or dead tree, shrub, palm frond or other plant located on any property in the City is hereby declared to be a public nuisance." (Emphasis added.) Any condition in violation of Chapter 8.30 is a public nuisance. (Rolling Hills Municipal Code Section 8.30.010(A).)

B. On April 22, 2024, City Staff was alerted to the fact that there is a dead pine tree located along Portuguese Bend Road a few hundred feet north of Saddleback Road and Poppy Trail on the east side of the road. After some research, staff determined the dead tree was located at 20 Portuguese Bend Road (Lot 58-A-RH) (hereinafter referred to as the "Subject Property"). The dead tree is clearly visible from the street, is a fire hazard, and an eyesore.

C. On May 23, 2024, City Staff notified the owners of the Subject Property, Mr. and Mrs. Terry and Margaret Reiter ("Property Owners"), that the dead tree and any other overgrown/dead vegetation found on the Subject Property is in violation of Rolling Hills Municipal Code Section 8.30.010 and must be removed. Section 8.24.010 reads, "For the purposes of this chapter, a "nuisance" shall be defined as anything which is injurious to health or safety, or is indecent or offensive to the senses, or an obstruction to the free use of property or injurious to the stability of real property so as to interfere with the comfortable enjoyment of life or property, or unlawfully obstructs the free passage or use, in the customary manner, of any street, and affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the

annoyance or damage inflicted upon individuals may be unequal.” City Staff indicated that said items must be removed no later than June 6, 2024. This deadline passed and the Property Owners failed to make a good faith effort towards abatement of the nuisance condition on the Subject Property.

D. On June 6, 2024, City Staff sent a second notice to the Owners and indicated that said items must be removed no later than June 20, 2024. This deadline passed and the Property Owners failed to make a good faith effort towards abatement of the nuisance condition on the Subject Property.

E. On August 13, 2024, City Staff sent a Notice to Abate to the Property Owners that required the Owners to abate the identified nuisance within 15 days from the date of the Notice, or August 28, 2024. If the conditions in the Notice were not abated, or if the Property Owners failed to make a good faith effort toward abatement to the satisfaction of the City Manager by August 28, 2024, then a hearing would be scheduled before the City Council on September 23, 2024.

Section 2. Pursuant to Sections 8.24.040 and 8.24.050 of the Rolling Hills Municipal Code, the City Council conducted a hearing on September 23, 2024, to consider any protest of the Property Owner, possessor or other interested person regarding the condition of the Subject Property.

Section 3. Upon consideration of the staff report, related documents and the evidence presented at the time of the hearing, the City Council determines that the property at 20 Portuguese Bend Road constitutes a condition that is injurious to the public health, safety and welfare by violating Section 8.30.010 of the Rolling Hills Municipal Code such that it is a public nuisance pursuant to Chapter 8.24 of the Rolling Hills Municipal Code.

Section 4. In accordance with the foregoing, and because it is the duty of property owners to maintain their properties free of nuisances, the City Council orders that the Property Owners remove the dead tree on the Subject Property within 30 days of the date of this Resolution but no later than October 23, 2024. In the event the property owners fail to complete the measures specified above by the specific dates the City will perform the corrective measures at the Property Owners’ expense as authorized in Section 8.24.060 of the Rolling Hills Municipal Code.

Section 5. If the nuisance is not abated as specified herein, then the City Manager is directed to cause the nuisance to be abated by the City by seeking an Abatement Warrant from the local Superior Court, and also is directed to notify the property owner in writing by certified mail and regular mail of the cost of removal of the nuisance and that payment in full for removal of the nuisance is due to the City within 10 days of the date of mailing of the notice. If the total cost of abating the nuisance is not paid to the City within 10 days after the date of the notice, the City Clerk shall record, in

the Office of the County Recorder, a statement of the total balance due to the City, which shall constitute a lien upon the property in accordance with section 8.24.080 of the Rolling Hills Municipal Code.

Section 6. The City Clerk is hereby directed to send a copy of this resolution by certified and regular mail to the owners of the property located at 20 Portuguese Bend Road.

Section 7. This resolution shall take effect immediately on September 23, 2024.

PASSED, APPROVED AND ADOPTED THIS 23rd DAY OF SEPTEMBER, 2024.

LEAH MIRSCH
MAYOR

ATTEST:

CHRISTIAN HORVATH
CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) §§
CITY OF ROLLING HILLS)

The foregoing Resolution No. 1380 entitled:

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROLLING
HILLS DECLARING A DEAD TREE ON A PROPERTY LOCATED AT 20
PORTUGUESE BEND ROAD TO BE A PUBLIC NUISANCE AND
ORDERING THE ABATEMENT THEREOF (LOT 58-A-RH) (DYER)**

was approved and adopted at a regular meeting of the City Council on the 23rd day of
September 2024, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

CHRISTIAN HORVATH
CITY CLERK



City of Rolling Hills INCORPORATED JANUARY 24, 1957
2 PORTUGUESE BEND ROAD ROLLING HILLS, CA 90274
(310) 377-1521 WWW.ROLLING-HILLS.ORG

Notice of Violation

☒ **First Notice** ☐ **Second Notice** ☐ **City Attorney**

5.23.24

DYER, AARON S AND SUZANNE T TRS SSRG FAMILY TRUST
20 PORTUGUESE BEND RD
ROLLING HILLS, CA 902745071

Re: Case Number 404
Subject Property: 20 PORTUGUESE BEND RD, ROLLING HILLS, CA 90274-5071
Property ID Number: 7569-005-001

Dear Property Owner(s):

The City of Rolling Hills, in a continued effort to reduce City violations, is seeking your cooperation in correcting the following code violation(s). An inspection of the above-listed premises disclosed that the property does not comply with the following section(s) of the Rolling Hills Municipal Code:

8.30.010 - Dead or alive tumbleweeds and dead trees, shrubs, palm fronds or other plants as public nuisance.

Dead or alive tumbleweeds and dead trees, shrubs, palm fronds or other plants as public nuisance. Every person who owns or is in possession of any property, place or area within the boundaries of the City shall, at his or her own expense, maintain the property, place or area free from any dead or alive tumbleweed or dead tree, shrub, palm frond or other plant. Any dead or alive tumbleweed or dead tree, shrub, palm frond or other plant located on any property in the City is hereby declared to be a public nuisance.

Resolution Actions:

Remove the dead tree found on the property. For extension requests, questions, or requests email codeenforcement@cityofrh.net or contact the Rolling Hills City Hall during operating hours.

You have until 6.6.25 to make the required corrections to your property or otherwise comply with this letter. Failure to address the code violation within the time specified may cause your property to be deemed a nuisance and result in abatement procedures or other enforcement actions.

If you should have any questions or concerns regarding this notice, please contact us at (310) 377-1521.

Sincerely,

Noah Roque
Code Enforcement Officer
Phone: 310-377-1521
Email: codeenforcement@cityofrh.net





City of Rolling Hills

INCORPORATED JANUARY 24, 1957

2 PORTUGUESE BEND ROAD ROLLING HILLS, CA 90274
(310) 377-1521 WWW.ROLLING-HILLS.ORG

Notice of Violation

☐ First Notice ☒ Second Notice ☐ City Attorney

6.6.24

DYER, AARON S AND SUZANNE T TRS SSRG FAMILY TRUST
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ROLLING HILLS, CA 902745071Re: Case Number 404
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Resolution Actions:

The dead tree located on the corner of your property line must be removed within the given time frame. All dead and overgrown vegetation must also be removed from the property. For information, questions, or concerns contact the city of Rolling Hills during business hours or email codeenforcement@cityofrh.net

You have until 6.20.24 to make the required corrections to your property or otherwise comply with this letter. Failure to address the code violation within the time specified may cause your property to be deemed a nuisance and result in abatement procedures or other enforcement actions.

If you should have any questions or concerns regarding this notice, please contact us at (310) 377-1521.

Sincerely,

Noah Roque
Code Enforcement Officer
Phone: 310-377-1521
Email: codeenforcement@cityofrh.net





City of Rolling Hills

INCORPORATED JANUARY 24, 1957

2 PORTUGUESE BEND ROAD ROLLING HILLS, CA 90274
(310) 377-1521 WWW.ROLLING-HILLS.ORG

8/13/24

DYER, AARON S AND SUZANNE T TRS SSRG FAMILY TRUST
20 PORTUGUESE BEND RD
ROLLING HILLS, CA 902745071

I hope this letter finds you well. As members of our esteemed community, your safety and comfort are of utmost importance to us. In the spirit of maintaining the beauty and safety of our neighborhood, we need to address a matter concerning your property. After a recent inspection, it has come to our attention that the condition of your property is in violation of Section 8.30.010 of the Rolling Hills Municipal Code, which states:

"Every person who owns or is in possession of any property, place or area within the boundaries of the City shall, at his or her own expense, maintain the property, place or area free from any dead or alive tumbleweed or dead trees, shrub, palm frond or other plant. Any dead or alive tumbleweed or dead tree, shrub, palm frond or other plant located on any property in the City is hereby declared to be a public nuisance."

Specifically, the issue identified at your property include dead tree. The violation needs to be addressed promptly to avoid further action.

As per RHMC Section 8.24.040, you are required to abate the identified nuisance within fifteen (15) days from the date of this notice. If you make a good-faith effort towards abatement but cannot fully address the issue within this period, please contact the City Manager to discuss an extension or alternative arrangements.

If the conditions described in this Notice are not abated by 8/28/24, or if you have failed to make a good faith effort toward abatement (to the satisfaction of the City Manager) by 8/28/24, a hearing shall be held before the City Council on 9/23/24, at 7:00 pm in Council Chambers located in City Hall: 2 Portuguese Bend Road, Rolling Hills, CA 90274.

If the nuisance is not abated, the City may proceed to abate the nuisance as described in RHMC Section 8.24.060. The costs incurred by the City for this abatement will be billed to you, as detailed in RHMC Section 8.24.080. If the amount due is not paid within ten (10) days from the date of the notice, a lien may be placed on your property, as specified in RHMC Section 8.24.070 of the Rolling Hills municipal code.

We understand that this may be an inconvenience, but your cooperation in maintaining the community's standards is greatly appreciated. Should you have any questions or require assistance, please do not hesitate to contact the Rolling Hills city hall during acting business hours.

Sincerely,

Noah Roque | Code Enforcement Officer | **Phone:** 310-377-1521 | **Email:** codeenforcement@cityofrh.net
To: DYER, AARON S AND SUZANNE T TRS SSRG FAMILY TRUST

Address: 20 Portuguese Bend Rd.





City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 12.A
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: DISCUSS POTENTIAL APPROVAL OF A 25% LOCAL MATCH REQUIREMENT AMOUNT (APPROXIMATELY \$405,250) FOR THE 2023 SUBMITTED APPLICATION TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) HAZARD MITIGATION GRANT PROGRAM TO ADDRESS ADDITIONAL FIRE FUEL ABATEMENT IN ROLLING HILLS' KLONDIKE CANYON

DATE: December 10, 2024

BACKGROUND:

In 2020, the Federal Emergency Management Agency (FEMA) awarded the City \$1M from the Hazard Mitigation Grant Program (HMGP) to create defensible space/fuel breaks. The project was divided into two phases, with the first phase (environmental assessment) being completed in February 2022. FEMA is currently in its review process for Phase 1, which must be completed before it releases funds for Phase 2 (removal of fire fuel). In August 2023, the City requested that the California Governor's Office of Emergency Services (CalOES) help provide further clarity on a timeline for FEMA's approval to begin Phase 2 on the original HMGP. As of January 2024, the City still has no clarification from CalOES.

At the March 27, 2023 City Council meeting, staff reported to the City Council that FEMA made another round of HMGP funds available through CalOES. The Los Angeles County Fire Department (LACoFD) advised the City to continue seeking grant funds to perform similar work elsewhere in Rolling Hills to mitigate wildfire risks further.

In 2019, MNS Engineers, Inc. (MNS) provided technical assistance to the City in submitting two utility undergrounding grant projects through the FEMA/HMGP. The City was successful in both applications and received nearly \$4M of grant funds for these projects. Because of MNS's familiarity with the HMGP requirements and the City of Rolling Hills, staff requested that they provide a proposal for this new FEMA funding opportunity to prepare and submit the grant application - including the preliminary "Notice of Intent" (NOI).

On April 24, 2023 the City Council approved a professional services agreement with MNS for

a not-to-exceed amount of \$10,000 to prepare and submit the NOI. The NOI was submitted prior to the May 10, 2023 deadline.

On May 31, 2023, the City received approval from CalOES for the submitted NOI titled "Rolling Hills Vegetation Management 2023 Project" as an eligible HMGP activity. Phase 1 of the project will complete the required environmental clearance, and Phase 2 will focus on vegetation removal.

On July 10, 2023, the City Council approved a fee of \$30,470, proposed by MNS, to prepare the formal grant application by August 4, 2023.

Staff and MNS participated in Technical Assistance Calls with CalOES to discuss project scoping and associated benefit-cost analysis. As a result, the submitted grant application requests \$1,621,000 in federal funds and will require a local match of approximately \$405,250 (over the anticipated three years of the project). The project's focus is within Klondike Canyon and would reduce the risk of wildfire by mitigating fuel continuity, possible fire spread, and extreme fire behavior within the identified area.

On August 28, 2023, City staff brought this same item forward to the City Council for potential approval. During the discussion, concerns were expressed regarding the current CalOES/FEMA HMGP and the long delays in gaining approval for the Phase 1 environmental work. Aside from meetings with FEMA's evaluation staff in November of 2023, staff, unfortunately, did not, at that time, have any further insight or information into when or if this grant will move into a Phase 2 portion that allows for the removal of vegetation. The unanimous motion that evening was to table the item until more information could be presented to the City Council on both the progress of the existing Paintbrush Canyon Vegetation Management Grant and the full scope of the proposed grant.

On January 22, 2024, this item was brought before the Council for consideration again. The Council voted 3/2 to table the item for an additional six months with Councilmember Black and Mayor Mirsch dissenting.

Subsequent to these two meetings, staff learned that the existing Vegetation Management Grant could not move forward until the City's Hazard Mitigation Plan was updated and approved. Currently, the City of Rolling Hills is part of a multi-jurisdictional HMGP to update the four Peninsula Cities Hazard Mitigation Programs. The City can move to Phase 2 at that time, or has an option to begin Phase 2, in coordination with CalOES, concurrently and ahead of the multi-jurisdiction grant's finalization. City staff is currently waiting for the multi-jurisdictional grant to commence before deciding which option is safest to ensure completion.

On April 12, 2024, the City received notification from CalOES that the Klondike Canyon Vegetation Management sub-application had been waitlisted and was not being considered for funding at that time. CalOES further stipulated that waitlisted sub-applications may be considered if funding becomes available for DR-Rolling Application and would reach out if the opportunity arose.

DISCUSSION:

On November 22, 2024, CalOES contacted City staff regarding a potential opportunity to fund

the project. CalOES and City staff met on December 4, 2024 to discuss and answer some basic questions including if the City was still able to provide the non-federal cost share 25% match. If the City Council approves the future local match obligation, City staff would notify CalOES, who will then forward the sub-application to FEMA where it will undergo a federal level review over the next six-to-nine-months. Upon completion, FEMA will either approve or deny the sub-application. If approved, the City would then begin the Phase 1 Environmental process much like the existing Paintbrush Canyon Vegetation Management grant.

This action is to inform the City Council of the potential local match obligation if FEMA ultimately approves the HMGP. Considering the Council's expressed concerns on August 28, 2023 and January 22, 2024, and the fact that staff cannot, at this time, provide any further updates to the process of the existing Paintbrush Canyon Vegetation Management HMGP, staff is seeking direction and/or a decision as to whether the City should inform CalOES that the current Klondike Canyon sub-application be pulled from consideration, or should the City plan to build a local match into the budget(s) for the coming years starting in FY 25/26.

FISCAL IMPACT:

The HMGP grant request of \$1.6 million requires a City match of approximately \$405,250 spread over three years of the project. The funding source would be the City's General Fund Reserves (approximately \$135,083 over three successive fiscal years once the grant has been approved).

To date, in preparation of the NOI and grant sub-application for a second Vegetation Management HMGP, the City has spent \$5,080 (NOI) and \$25,350 (sub-app) for a total of \$30,430.

RECOMMENDATION:

Approve as presented or provide direction to staff regarding grant sub-application termination.

ATTACHMENTS:

[GR_OES_230804_MNS_HMGP_Subapplication.pdf](#)

HMGP Subapplication - General Criteria

General Information

Sub-Applicant Name(Entity)	Rolling Hills, City of
Sub-Applicant Type	City
Street Address	2 Portuguese Bend Road
City	Rolling Hills
State	CA
Zip	90274
County	Los Angeles
Region	Southern
Subapplication Due Date	August 4, 2023

#	Title	First Name	Last Name	Phone Number	Email	Roles
1	City Clerk / Exec. Asst. to the City Manager	Christian	Horvath	(310) 377-1521	chorvath@cityofrh.net	Primary Contact;Responsible Representative
2	Senior Grant Writer	Monica	Killen	(909) 313-1086	mkillen@mnsengineers.com	Contributor
3	Interim City Manager	David H.	Ready	3103771521	dready@cityofrh.net	Responsible Representative
4	Principal Project Manager	Greg	Jaquez	(323) 797-1498	gjaquez@mnsengineers.com	Contributor

Role Name	Description
Responsible Representative (subapplication employee authorized to apply for, accept, and manage Federal grant funding)	Manage user roles, view subapplication, edit subapplication, send Maintenance and Match Commitment letters, manage Requests for Information(RFI), Submit the subapplication.
Primary Contact (subapplication employee)	View subapplication, edit subapplication, send Maintenance and Match Commitment letters, and manage Requests for Information(RFI).
Contributor (may be consultant)	View subapplication, and edit subapplication
Viewer	View the subapplication

US Congressional District(s) benefitting from mitigation 36

Assembly District(s) benefitting from mitigation 66

Senate District(s) benefitting from mitigation	24
Federal Information Processing Number (FIPS #)	037-62602
Unique Entity Identifier (UEI #)	018945170
Is this a phased project?	Yes

Subapplication Information

Application Type	Examples:
Planning	Activities include developing a new hazard mitigation plan or updating a current mitigation plan.
Planning Related	Activities include: Updating or enhancing sections of the current FEMA-approved mitigation plan, integrating information from mitigation plans with other planning efforts, building capacity through delivery of technical assistance and training, evaluating adoption and/or implementation of ordinances that reduce risk or increase resilience.
Project	Activities involve construction and/or physical work. Examples: acquisition demolition/relocation, debris basin, structural elevation, structural seismic retrofit, hazardous fuels reduction, defensible space, generator(s) (If benefit cost analysis (BCA) feasible).
Advance Assistance	Activities can be used to develop mitigation strategies and obtain data to prioritize, select, and develop mitigation projects and complete applications. Examples: evaluation of facilities or areas to determine mitigation actions, collect data for BCA and environmental historical preservation compliance, conduct engineering designs and feasibility studies, conduct hydrologic and hydraulic studies and cost estimation.
5% Initiative	Activities are defined as mitigation actions that meet all HMGP requirements but may be difficult to evaluate against traditional program cost-effectiveness criteria. Examples such as early warning systems, post-disaster building code enforcement, public awareness and education for mitigation campaigns, hazard identification or mapping, new techniques/methods of mitigation, and generator(s) (if protecting a critical facility and if there is insufficient data to evaluate a generator project using a standard HMA-approved Benefit-Cost Analysis (BCA) method).

Subapplication Type	Project

Project Type	Activities:
Acquisition Demo-Relocation	Purchase of properties on a voluntary basis in order to remove structure(s) from natural hazards (flood/landslide/avalanche). Structures must be demolished or relocated outside hazard area. **As referenced in the Hazard Mitigation Assistance Guidance: Property Acquisition and Structure Demolition Projects, Property Acquisition and Structure Relocation Projects
Drainage/Flood Control	Stormwater management projects, including the construction, installation, or improvement of culverts, drainpipes, pumping stations, floodgates, rock, straw and log dams, drainage dips, and detention or retention basins. Flood protection measures for water and sanitary sewer systems or other utility systems. Slope stabilization or grading to direct flood waters away from homes, schools, businesses, utilities, or governmental facilities. Flood protection and stabilization measures for roads and bridges construction, demolition, or rehabilitation of: Dams, Dikes, Levees, Floodwalls, Seawalls, Groins, Jetties, Breakwaters, Stabilized sand dunes, Large-scale channelization of a waterway Vegetation management for shoreline stabilization (coastal, riverine, riparian, and other littoral zones) Soil stabilization and erosion control activities. Drought mitigation activities.

	**As referenced in the Hazard Mitigation Assistance Guidance: Localized Flood Risk Reduction Projects, Non-Localized Flood Risk Reduction Projects, Soil Stabilization, Infrastructure Retrofit, Green Infrastructure
Elevation-Floodproofing	Elevation: Construction to elevate structures above the base flood elevation. Dry Floodproofing: Implementation of techniques to seal the structure from floodwaters. **As referenced in the Hazard Mitigation Assistance Guidance: Elevation (Structure Elevation); Dry Floodproofing (Dry Floodproofing of Historical Residential Structures, Dry Floodproofing of Non-Residential Structures)
Seismic Retrofitting	Retrofitting homes or buildings structurally or non-structurally to reduce damages from earthquakes. **As referenced in the Hazard Mitigation Assistance Guidance: Structural Retrofitting of Existing Buildings, Non-Structural Retrofitting of Existing Buildings and Facilities
Wildfire & Vegetation Management	Defensible space: Creation of perimeters around homes, structures and critical facilities through the removal or reduction of flammable vegetation. Ignition-resistant building materials: Application of ignition-resistant techniques and/or noncombustible materials on new and existing homes, structures and critical facilities. Fire suppression systems: Exterior sprinkler systems to help extinguish flames and prevent the spread of fire to nearby buildings or combustible vegetation. Fuels reduction/vegetation management: Removal of vegetative fuels proximate to at-risk structures that, if ignited, pose a significant threat to human life and property, especially critical facilities. Post-wildfire flooding prevention and sediment reduction measures: Preventative measures that protect property at the base of slopes made vulnerable to erosion and/or flooding because of loss of vegetation or changes in soil composition post-wildfire. **Hazard Mitigation Assistance Program and Policy Guide: 2023
Mitigation Reconstruction	Construction of an improved, elevated building on the same site where an existing building and/or foundation has been partially or completely demolished or destroyed. **As referenced in the Hazard Mitigation Assistance Guidance: Mitigation Reconstruction
Generator(s)/Other Power Source(s)	Installation of generator(s) or other power source(s) (such as a micro-grid) which provides a secondary source of power to a critical facility. Examples: police and fire station, hospitals, water and sewer treatment plant. **As referenced in the Hazard Mitigation Assistance Guidance: Generators
Tsunami Vertical Evacuation	Construction of an evacuation tower which is utilized during a tsunami event to escape the tsunami and debris wave.
Safe Room/Shelter	Construction of safe rooms to provide protection for people in public and private structures from tornado and severe wind events. This type of project includes retrofits of existing facilities or new safe room construction projects. **As referenced in the Hazard Mitigation Assistance Guidance: Safe Room Construction
Utility and Infrastructure Protection	Measures to reduce risk to existing utility systems, roads, bridges and other critical infrastructure. Activities may include retrofitting, relocation, and / or other measures to protect utilities and infrastructure from natural hazard impacts. Other activities such as replacing or retrofitting electrical transmission or distribution utility pole structures, and replacing water systems that have been burned and have caused contamination may also be considered under this category.

Request For Information

HMGP Subapplication-Scope of Work

Project Information

Project/Plan Title

Rolling Hills Vegetation Management Project 02

Brief Summary

This wildfire and vegetation management project will reduce the risk of wildfire at Klondike Canyon within the Rolling Hills community by reducing risks for fuel continuity, fire spread, and extreme fire behavior along these sites. The project will be phased and includes phase 1 to complete design and environmental clearance, and phase 2 for vegetation removal and addition of new native vegetation. The outcome of this phased project includes a reduced risk of human life and loss of property through defensible space and vegetative management at Klondike Canyon for a cost of approximately \$1,621,000 (\$1,215,750 Federal request and \$405,250 local match). The City will use general funds reserves to satisfy the local match requirement. The City of Rolling Hills is designated as a Very High Fire Hazard Severity Zone (VHFHSZ) by the Los Angeles County Fire Department (see Map attachment) and considered at-risk. The City has historically been subject to fires/wildfires threatening loss of life and property. A benefit cost analysis (BCA) was conducted and the ratio for this project is 13.24 with total mitigation benefits totaling \$24,202,729. The project useful life is 50 years and the number of buildings protected by this project is 702. The City abuts more than three (3) miles of wildland-urban interface (WUI), where undeveloped wildland and vegetative fuels meet homeowners' properties, both in the adjacent nature reserve and the steep-slope canyons that run through the incorporated land. According to the Society of American Foresters, the WUI zones have the most "tremendous risks to life, property, and infrastructure...and is one of the most dangerous and complicated situations firefighters face." As a result of this designation, the City recognizes the severity of its vulnerability to fire and has developed a number of community fire mitigation tactics that includes ordinances, policies, public outreach, and regular communication with its residents. Between December 2020 and February 2021, the Los Angeles County Fire Department (LACOFD) conducted site visits in Rolling Hills to identify priority locations. The LACOFD assessed 11 canyons and prioritized canyons based on directional winds. Based on fire history maps, Klondike Canyon was identified as a south facing canyon with the highest risk for a wildfire in the future. After reviewing LACOFD's assessment, the City determined Klondike Canyon was the best candidate for this project.

Activity Location Latitude

33.748243

Activity Location Longitude

-118.346689

Has a full subapplication for this project been submitted to OES previously	No
Does another Federal entity have primary funding authority for this project	No
Has physical project work already started?	No
Has the project been previously funded under any other federally-administered grant program?	No
Describe how the proposed project is eligible for FEMA HMGP funding as defined by the eligible activities contained in the FEMA Hazard Mitigation Assistance Guidance document	This proposed project is eligible for FEMA HMGP funding since it aligns with the definition for Wildfire Mitigation. According to the 2023 Hazard Mitigation Assistance Program and Policy Guide (p. 103), wildfire mitigation projects mitigate at-risk structures and associated loss of life from the threat of future wildfire. Rolling Hills is primarily a residential community with minimal public structures. Lots in the city are large and many extend into the canyon area. The proposed project serves to create defensible space by creating a 100' perimeter around homes through the removal and reduction of flammable vegetation. The proposed project also reduces fuels through vegetation management. In Rolling Hills, there are non-native vegetation and trees that if ignited, pose a significant threat to human life and property. By removing invasive and non-native brush, grasses, and other dried/dead plants, it reduces the risk of loss of life and property.
Is the Project located in a special Flood Hazard Area?	No

Project Alternatives

No Action	Based on the history of fires in the City and the surrounding communities, with no action, there would be no defensible space in the City. Lack of any fuels reduction/vegetation management to create defensible space within Klondike Canyon. further keeps the city in a vulnerable position to limit fire hazards, which if there is an ignition, poses a significant threat to human life and property.
Proposed Action	This project is phased due to having to complete environmental assessment, other necessary studies finished, and determine which of the three (3) mitigation strategies are best suited for each project site. Design has not started and needs to be completed. Phase 1 will last 500 days, and Phase 2 will last 420 days. Phase 1 consists of NEPA assessment, site survey, boundary survey, and project design. Phase 1 also includes procuring a contract for native plants to ensure there is sufficient time to acquire the native plants for the construction phase since the native plant palette for Rolling Hills is very specific. Phase 2 consists of construction which is comprised of vegetation removal, grading, and planting of new native vegetation.

Due to the period of performance of the grant and proposed location, it would be impossible to complete the design and construction within the

required timeframe. Due to the time needed to complete the environmental assessment and other necessary work, the project must be phased to ensure all environmental requirements are met, feasibility studies are finalized, new native vegetation is available, and design is complete.

Provide a detailed narrative of the hazards to be mitigated against and the impact the hazards present to the community and/or property

Wildfire is the hazard to be mitigated with this proposed project. The Palos Verdes Peninsula is located within a Very High Fire Hazard Severity Zone (VHFHSZ) according to CalFire. Rolling Hills is located in a peninsula with lush landscapes, canyons, & slopes, which poses a very high fire danger threat. Since four communities are connected by canyons, trails, and steep terrain, wildfire can spread quickly between the cities. A brush fire erupted in nearby Rancho Palos Verdes on June 26, 2022, and burned around 2 acres. While the Rancho Palos Verdes fire was quickly contained due to a prompt response by the LA County Fire Department, residents in Rolling Hills were notified of the fire and were ready to evacuate should the fire move in a westerly direction towards Rolling Hills. Combining the elements of fire and wind is a major concern for residents on the peninsula. A seasonal wind phenomenon unique to Southern California are the “Santa Ana” winds that occur during fire season which is typically from June to November. The Santa Ana’s are offshore winds that move from the interior land towards the coast. Santa Ana winds can significantly exacerbate a fire. Should a fire erupt in a high-risk fire zone, the Santa Ana winds can quickly propel a fire to spread and intensify fire conditions. The most recent fire in the City was in October 2018. The small fire erupted when an animal scurried along the above ground electrical line and touched the transformer. The transformer blew up and the pole caught on fire. At the same moment, a spark fell to the ground and the vegetation and fence adjacent to the pole caught fire. Several feet from the fence was a structure, and it was only due to swift action of a neighbor who notified the fire department and took a hose to the fire on the ground to prevent further damage. Another fire happened between August 27 & 28, 2009 on the peninsula. The wildfire burned through approx. 230 total acres. The fire is believed to have originated from wildlife interference and was exacerbated by wind in the Portuguese Bend Nature Reserve in Rancho Palos Verdes where 165 acres were charred. The remaining 65 acres burned in Rolling Hills. Dozens of homes were threatened and approx. 1,200 residents were forced to evacuate. Although some structures were reported damaged, no homes were lost. On June 22, 1973, a fire crossed city lines and into Rolling Hills and Rancho Palos Verdes. The fire burned 925 acres & destroyed 12 homes.

Provide a detailed description of the area and population that will be impacted by this project.

The proposed project intends to create defensible space in Rolling Hills. The City is in a peninsula with lush landscapes, canyons, and slopes, which poses a very high fire danger threat. Since four communities are connected by canyons, trails, and steep terrain, wildfire can spread quickly between the cities. Rolling Hills is primarily residential with large lots. According to the BCA, this project will affect 1,739 people and 702 buildings will be protected. Rolling Hills has a sizable number of senior citizens with approximately 513 (27.6%) residents that are 65 years or older. Rolling Hills is also considered an equestrian community, where a large percentage of landowners are also horse owners that engage in horse training, horse care, and horseback riding as a part of life. Rolling Hills landscape does have a lot of vegetation that requires residents to maintain. Rolling Hills

does have an ordinance on dead vegetation that requires every person who owns or is in possession of any property, maintain the property, place or area free from any dead or alive tumbleweed or dead tree, shrub, palm frond, or other plant. In addition, the Rolling Hills Community Association (RHCA) bylaws impose deed restrictions that require residents to trim or remove trees and shrubs to acceptable levels so they do not become a fire safety violation.

Number of People or Project(s) Impacted by the Action

1739

HMGP Subapplication-Scope of Work Continued

Problem Statement

Describe the problem to be mitigated

Incorporated in 1957, the City of Rolling Hills is a small 3 square mile city located on the Palos Verdes Peninsula. The City has a population of approximately 1,860 people and 685 single-family one-story homes that are nestled in a rural equestrian community with no traffic lights. Rolling Hills land use pattern was established in 1936 with the sale of parcels around hilly terrain and deep canyons. Rolling Hills has unique geological and topographic constraints. A portion of the City is located on terrain comprised of steep hills and roads with slope elevations between 25-50 percent, deep canyons, and cliffs all surrounded with an abundance of native and non-native vegetation. Rolling Hills is designated as VHFHSZ by CalFire. The area is extremely vulnerable to fire from the wildland-urban interface (WUI) at the Portuguese Bend Reserve, overhead utility lines, and steep canyons filled with chaparral and scrub. In addition, the City abuts more than 3 miles of WUI, where the undeveloped wildland and vegetative fuels meet homeowners' properties, both in the nature reserve and the steep-slope canyons that run through the incorporated land. According to the 1990 General Plan-Safety Element concerning the fire hazard facing the City of Rolling Hills, the plan states, "The City of Rolling Hills is vulnerable to small wildland fire hazards. Brush fires pose the primary threat, especially where residential development lies above chaparral filled canyons. The fuel in the canyons, if ignited, could threaten residences upslope with wind-carried cinders and direct ignition from uncontrolled fires. In the early 1970s serious fires occurred which destroyed homes in the area, illustrating the potential for extensive damage." Additional contributing factors to the severity of the fires are the weather and winds. The "Santa Ana" winds occur during the fire season, which is typically from June to November, although some fire experts now suggest fire season is year-round. This "fire weather" is characterized by hot dry weather and high winds, resulting in low fuel moisture in vegetation. The most severe fire protection problem in the area is wildland fire during Santa Ana wind conditions. Fire is at its peak of danger in Rolling Hills during the late summer and fall months, when Santa Ana weather conditions prevail. Plant fuels pose the greatest threat during this period are those located on the south-facing slopes such as Klondike Canyon.

The BCA used modeled damages as the analysis method type and

Trigger event for loss avoidance analysis

residential building for property type. The mitigation action type was defensible space since the area is classified as a Very High Fire Hazard Severity Zone by CalFire. According to the U.S. Census, over 89% of homes in Rolling Hills are valued over \$1 million dollars. Information was gathered from Zillow, out of 159 most recent home sales, only 4 homes sold for under \$1 million dollars. The remaining 155 homes sold between \$1 million and \$16.7 million dollars. Using this data, an extremely conservative building replacement value (BRV) was selected of \$1 million dollars per house. This figure was used to determine a total building replacement value of \$702,000,000. The BCA also looked at value of infrastructure vulnerable to fire within the project area which totaled to \$60,960,000 and \$351,000,00 in the value of building contents. The high BCA ratio of 13.24 further justifies the significance and potential value this project creates for the Rolling Hills community.

Solution Description

What is the mitigation action for Phase 1?

There is no mitigation action during phase 1. Phase 1 is comprised of data collection, design, public outreach, PS&E, and NEPA/CEQA documentation. In addition, during this phase, the procurement of native vegetation will commence with finding vendors to provide the native plants needed for phase 2.

What is the mitigation action for Phase 2?

Phase 2 is project construction. During this phase mitigation strategies discussed in this application will be implemented. The proposed mitigation actions are 1) fuel/vegetation removal and 2) native vegetation planting. The fuel and vegetation removal will be comprised of using mechanical and non-mechanical methods to remove dried/dead, invasive, and non-native vegetation. Mechanical methods include brush mowers and compact graders (as needed). Non-mechanical methods include hand crews and goat herds. Goat herds will be used in areas where the terrain is rugged and steep. The native vegetation planting will be implemented at the proposed location within 100' from a structure. Based on the cost estimate submitted with this application, 9,000 units of native vegetation will be planted. Combined together, once these two mitigation actions are complete, there will be a reduced risk for ignition of a wildfire.

How will this action provide protection from future natural hazards?

The proposed project includes implementing a nature-based solution (NBS) which is the planting of native vegetation through a plant palette endorsed by the City. Approximately 37,000 native plant species will be planted throughout the project site. The type of native species and location of species will be determined during phase 1. The planted native species will be planted together in clusters and spaced as a mosaic on open spaced land. According to the CA Department of Fish and Wildlife most native vegetation is fire-adapted and is drought tolerant. Replacing non-native vegetation with native vegetation will reduce the risk of having fuel that can ignite. In addition, once phase 2 is complete, the City will continue annual maintenance.

Project Deliverables

The following deliverables will be in Phase 1: • Final Grading and

List the Deliverables for Phase 1 of proposed project.

Landscape Plans • Preliminary Alternatives Analysis with Plan Exhibits of Proposed Alternative Vegetation Clearance Methods • NEPA Documentation • Filing of Mitigated Negative Declaration (MND) • Public Outreach with Residents Impacted by the Proposed Project • Plans, Specifications and Estimate (PS&E) • Procurement, Propagation, and Nursery Maintenance of Native Plants

List the deliverables for Phase 2 of proposed project.

The follow deliverable will be in Phase 2: • Construction Bid Preparation, Advertisement and Award • Construction Mobilization • Construction-Fuel/Vegetation Removal and Native Plant Species Plantings • Project Completion Punchlist • Demobilization and Completion • Grant Closeout

Hazard Mitigation Plan Information

Local Hazard Mitigation Plan Status	Adopted
What is name/title of the plan?	City of Rolling Hills Hazard Mitigation Plan
What type of LHMP?	Local Single Jurisdictional Multihazard Mitigation Plan
Applicable Hazard Mitigation Plan Expiry Date	March 6, 2024
Does the project comply with the local hazard mitigation plan?	Yes
Does the project comply with the current California state hazard mitigation plan?	Yes

HMGP Subapplication - Work Schedule

Work Schedule

The intent of the work schedule is to provide a realistic appraisal of the time and components required to complete the project. The work schedule should mirror the Scope of Work and Cost Estimate.

- Describe each of the major work elements and milestones in the description.
- Project Close-Out should be included which must be 3 months in duration.
- A GANTT chart may be provided as supplemental documentation.
- Total project duration must not exceed a 36 month period of performance.

#	Phase	Task Name	Description	Start Month	Duration (Months)
1	Pre-Award	Pre-Award	Pre-Award activities		
2	Phase 1	Task 1 - Project Kickoff, Technical Evaluation & Requirements, and Design Meetings	The project will be initiated through a kickoff meeting between City representatives and the City's consultants. The project team will evaluate, define, and confirm the scope and approach for a preliminary design alternatives analysis. Technical requirements will be determined to address potential points of interest during conduct of public outreach. Design details will be coordinated through subsequent meetings between team members.	1	1

3	Phase 1	Task 2 - Surveying	Field survey will be conducted to produce topographic survey base mapping and identification of parcel boundaries. Topographic base maps and existing utility mapping will be used to determine project implementation methods and final grading and landscape plans.	2	3
4	Phase 1	Task 3 - Preliminary Project Alternatives	A preliminary alternatives analysis will be prepared and will include plan exhibits of proposed alternative vegetation clearance methods and landscape plans. This information will be used in a public outreach effort to confirm the preferred alternatives.	5	2
5	Phase 1	Task 4 - NEPA Documentation	NEPA documentation for this project is expected to involve preparing and filing Mitigated Negative Declaration. Biological studies are anticipated due to the known possible presence of at least one endangered species.	7	12
6	Phase 1	Task 5 - Public Outreach and Coordination	The City will conduct a public outreach effort and engage with residents directly affected by the project and other interested parties. Outreach and engagement will confirm each stakeholders' overall understanding of the project and will gather input. Outreach will occur at the earliest possible time after development of preliminary design alternatives, and thereafter if determined to be necessary. The City has the ability and options to gather stakeholders through a virtual online venue for public meetings.	13	6
7	Phase 1	Task 6 - Final Plans, Specifications, and Estimate	Project plans, specifications, and estimate (PS&E) is scheduled to be parallel processed with the start of public outreach and CEQA documentation in order to deliver the overall project within the required performance period. Design project management support will be provided by a third-party consultant.	18	6
8	Closeout	Closeout	Project Closeout line item	24	3

Total Duration : 26

HMGP Wildfire & Vegetation Management

HMGP - Wildfire & Vegetation Management

Select applicable project type(s):

Defensible Space, Hazardous Fuels Reduction

Describe how the proposed project is designed to protect residential buildings, neighborhoods, non-residential buildings, structures and/or infrastructure from future wildfire hazards and or post-wildfire hazards?

The proposed project is designed to provide defensible space within 100' of residential buildings and neighborhoods located at or near Klondike Canyon. The purpose of this project is to reduce the amount of fuel that can ignite.

Describe who will be implementing the project and the financial arrangements in place.

The City will be the responsible entity for this project and will use general fund reserves for the match. After the project is complete, the City will maintain the area and annually allocate general fund reserves of \$15,000.

Describe the wildfire mitigation treatments proposed, and type of equipment to be used to accomplish the activities.

This project will use a hybrid approach to wildfire mitigation. The first approach will be an emphasis on brush/vegetation removal of dead/dying, invasive, and non-native brush by using non-mechanical equipment such as chainsaws and hand tools and where feasible, mechanical brush mowers and compact graders. Space between vegetation will be created using chainsaws and hand tools. Vegetation will be reduced according to prescribed ratio of size to distance using a 2:1 or greater clearance ratio for the canyon's edge zone (as recommended by Los Angeles County Fire Department). Shrubs and trees will be thinned out by removing branches and create space between vegetation by using chainsaws and hand tools and ensure that branches are not touching other vegetation around it. Trees will be limbed up no less than 1/3 of the tree's height from the ground using chainsaws. Any non-native plants that are left will be clustered into

mosaic groups. The second approach is a nature-based solution by planting native plants to create mosaic landscape clusters of native-based vegetation in cleared areas. Native vegetation will be planted manually. Native species clusters will be placed a distance from any non-native plants to avoid take over by the non-native species. The third mitigation treatment is the use of goat herds at sites that are difficult to access due to steep terrain. The three treatments will be performed at the canyon edge/ridgeline within 200' of any structures. During the design phase (Phase 1), the most appropriate mitigation treatment will be determined.

Describe the existing wildfire mitigation local building, land use, land development codes for the project area.

With a history of fire in Rolling Hills and the surrounding area, the City has taken multiple proactive measures to implement local building codes for residential structures. For example, the City has a citywide smoking ban. The City also requires property owners to create defensible space around their home. Fire Code Section 325.10 defines clearance requirements. Lastly, the City has adopted infrastructure hardening measures such as requiring all structures have a class A roof by 2030. The City Council also adopted an ordinance that prohibited High Hazard Plants from being planted. The City has two nuisances' codes (City Municipal Code Chapter 8.24 Abatement of Nuisance and Chapter 8.30 Fire Fuel Abatement) and are enforced by a dedicated City code enforcement official and the City Attorney. City nuisance code Chapter 8.30 is limited by its terms to dead vegetation of any kind, dead or alive tumbleweeds, and dead palm fronds on living palm trees located on the portion of the property that has a slope equal to or less than 50%. Southern California Edison (SCE) periodically must replace its wooden power poles as part of its ongoing maintenance program and installs new power poles as needed. SCE has started to install power poles constructed of a composite nonflammable material. For existing wooden poles, SCE will begin to wrap wooden power poles with a nonflammable material. SCE is also responsible for power line clearance and non-exempt poles. The property owner is responsible for all other required clearance in the easement. SCE periodically inspects and reduces the height of trees and brush, so they do not encroach in the area of power lines. The City has also been proactive to secure HMGP FEMA funded grants to complete another vegetative management project in the City. The City has also received a grant to complete a utility undergrounding project along a section of Eastfield Drive.

Provide a narrative describing how the proposed action meets the purpose and need of the project.

Rolling Hills and its surrounding communities are at a very high risk for wildfire. The lush landscape in the canyons and topography in the City create conditions that significantly increase the risk for wildfires to ignite, leading to the potential loss of human life and property. The proposed mitigation creates defensible space in an area that is surrounded by residential structures. Targeting the removal of dead/dying, invasive, and non-native plants significantly reduce the risk of debris that can ignite very easily. In addition, the planting of native species vegetation provides a long-term nature-based solution to reduce the number of non-native vegetation species in the area. Adding native species landscaping will result in a drought tolerant canyon. This proposed project is needed due to the frequency of fires on the Peninsula. The last fire occurred in June 2022 in the adjacent city of Rancho Palos Verdes and the last fire in Rolling Hills occurred in October 2018. Furthermore, in winter 2022-23, Southern

	California received higher than average rainfall, which spurred lots of overgrowth of vegetation. Combining these factors together further substantiates the need to perform vegetation management in high-risk areas such as the proposed Klondike Canyon site.
Describe how the proposed mitigation activities significantly reduce the vulnerability of target structures or facilities to the identified hazards?	The proposed project creates 100' of defensible space to residential structures located along the ridgeline Klondike Canyon. The removal of dead/dying, invasive, and non-native vegetation reduces the risk of providing fuel to a wildfire should one ignite or cross over into Rolling Hills. Since Rolling Hills has rural characteristics that includes large lots that include steep terrain with non-native vegetation, it is necessary to address this vulnerability by implementing a nature-based solution. Once the project is complete, new defensible space will be created. The following information about the project are: Klondike Canyon- Perimeter 10,350 LF of defensible space area equals to 2,070,000 SF which amounts to 47 acres. The amount of defensible space is significant and will contribute towards reducing the risk of loss of human life and property should a wildfire occur in the area.
Do the proposed mitigation activities include the removal of vegetation or fuels?	Yes
Do the proposed mitigation activities include the use of herbicides and/or biological controls?	No
Do the proposed mitigation activities include seeding and/or the planting of vegetation?	Yes
If yes, provide the proposed seed type and brand (if known) and describe the proposed methods.	The project includes planting approximately 9,000 native plants within Klondike Canyon. The selection of native plants will be based on common native vegetation found in the area. Examples of common native vegetation in Rolling Hills are: California Buckwheat, Lemonade Berry, Oak, Sugarbrush, and Toyon. Currently, the City has a palette of common native vegetation which includes these suggested types of greenery on the City website. The plant palette provided by the City will be procured for this project. The City proposes to plant the native vegetation manually in cleared areas and clustered together. The location of native planting will be determined during phase 1 and will be completed after initial clearing and removal of dying/dead, invasive, and non-native brush removal. It is widely known that native vegetation is more resistant to drought and less likely to die in low-water seasons. According to the California Department of Fish and Wildlife, most of California native vegetation are fire-adapted and serve as an important strategy to mitigate the likelihood and impact of high severity fires.
Confirm the subapplication includes only eligible wildfire mitigation activities?	Yes
If the proposed activities are hazardous fuels reduction, are the wildfire mitigation proposed methods eligible?	Yes
If yes, is the cost of treatment less than or equal to \$5,250.00 per acre?	

Provide a statement that a draft of the Operations and Maintenance Plan (OMP) to maintain the treatment area throughout the useful life of the project will be provided at closeout.

The City has signed a maintenance commitment letter that includes allocating \$15,000 in city General Funds to maintain the area annually. The letter is attached to this application.

If the project proposes ground disturbance, has a consultation with the State/Tribal Historical Preservation Office been conducted?

No

If yes, cite relevant code and attach.

What is the total combined acreage for all treatment areas included in the project area?

47

HMGP Project Site List Wildfire & Vegeta

Project Site(s)

Have all specific sites where project work will be conducted been identified?

Yes

What is the percentage level of design?

0

If you do not know all of the specific projects where work will be completed, or if your design level is below 60% this will need to be a Phased Project. You will need to submit a new NOI. Contact your HMA Grants Specialist or send an email to hma@caloes.ca.gov, referencing this subapplication by the AP # and request a conversation about phasing the project.

Site Inventory

Please complete the site inventory for all project sites, please ensure to add the required photos to each project site as uploaded files.

#	Site Name	Site Address
1	PS-01663	, Los Angeles, Rolling Hills, CA, 90274

HMGP Subapplication - Project Cost Estimate

Project Cost Estimate

#	Phase	Cost Type	Item Name	Unit Quantity	Unit of Measure	Unit Cost	Cost Estimate Total	Pre Award Cost	Cost Estimate Narrative
1	Phase 1	Contractor/Consultant	Subapplication Preparation	1	Lump Sum	\$ 30,000.00	\$ 30,000.00	true	Assistance with project scope definition, scope development, cost estimation, and subapplication preparation.

2	Phase 1	Contractor/Consultant	Native Landscape Nursery	9000	Each	\$ 20.00	\$ 180,000.00	false	Acquire, propagate, maintain nursery stock for Phase 2 planting.
3	Phase 1	Contractor/Consultant - Design/Engineering	Boundary Survey	1	Lump Sum	\$ 40,000.00	\$ 40,000.00	false	Determine private parcel boundaries.
4	Phase 1	Non-Contract Professional Services	Legal Services	1	Lump Sum	\$ 40,000.00	\$ 40,000.00	false	Legal support on parcel boundaries determination.
5	Phase 1	Contractor/Consultant - Design/Engineering	Site Survey	1	Lump Sum	\$ 40,000.00	\$ 40,000.00	false	Topographic survey for site planning, cost estimation, and base mapping for landscape plans.
6	Phase 1	Contractor/Consultant - Design/Engineering	Project Design	1	Lump Sum	\$ 160,000.00	\$ 160,000.00	false	Project delivery plan, landscape plans, specifications.
7	Phase 2	Contractor/Consultant - Construction	Mobilization, Bonds & Insurance	1	Lump Sum	\$ 40,000.00	\$ 40,000.00	false	Mobilize personnel, equipment. Procure and stage materials. Secure performance bonds and insurance.
8	Phase 2	Contractor/Consultant - Construction	Project Safety and Traffic Control	1	Lump Sum	\$ 30,000.00	\$ 30,000.00	false	Signage, barricades, and flagmen.
9	Phase 2	Contractor/Consultant - Construction	Stormwater Managment	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	false	Application of stormwater BMPs according to state General Permit.
10	Phase 2	Contractor/Consultant - Construction	Vegetation Clearing	12	Acre	\$ 8,000.00	\$ 96,000.00	false	Vegetation clearance and tree limbing by means of manual labor, mechanical equipment, and goat herd deployment.
11	Phase 2	Contractor/Consultant - Construction Mgmt	Construction Management and Inspection	1	Lump Sum	\$ 110,000.00	\$ 110,000.00	false	Construction management, scheduling, inspection, daily and periodic reports, invoice control.
12	Phase 2	Contractor/Consultant - Construction	Grading	400	Cubic Yard	\$ 80.00	\$ 32,000.00	false	Minor grading for drainage and site preparation for planting.
13	Phase 1	Contractor/Consultant - EHP	NEPA Assessment	1	Lump Sum	\$ 180,000.00	\$ 180,000.00	false	NEPA documentation (possible MND) and biological studies.
14	Phase 2	Contractor/Consultant - Construction	Offsite Mitigation	1	Lump Sum	\$ 100,000.00	\$ 100,000.00	false	Potential habitat restoration.
15	Phase 2	Contractor/Consultant - Construction	Native Landscape Planting	74000	Square Foot	\$ 7.00	\$ 518,000.00	false	Planting native groundcover, shrubs, and trees.
16	Phase 2	Contractor/Consultant - Construction	Roadway Surfacing	1	Lump Sum	\$ 10,000.00	\$ 10,000.00	false	Create vehicle access and repair pavement damage.
							\$ 1,621,000.00		

Project Site Cost Estimate

HMGP Cost Review

COST REVIEW

Phase 1 Project Costs \$ 670,000.00

Phase 2 Project Costs \$ 951,000.00

Total Project Cost	\$ 1,621,000.00
Non-Federal Cost Share (Match)	\$ 405,250.00
Non-Federal Cost Share (Match) Percentage	25%
Federal Share Request	\$ 1,215,750.00

HMGP-Maintenance Commitment

MAINTENANCE & REPORTING COMMITMENT

This acknowledgment of Maintenance & Reporting Commitment is to confirm the Subapplicant/Subrecipient is committed to perform the necessary maintenance for the entire useful life of the project, once completed. The entity responsible for maintenance is allocating the annual budget amount that will allow maintenance to occur as needed to ensure the project building/facility/area remains in good repair and operational.

To justify Hazard Mitigation Assistance funding, California is required to report to FEMA on the performance of completed mitigation measures. This acknowledgment of Reporting Commitment confirms that the Subapplicant/Subrecipient is committed to report on the performance of funded mitigation measures when tested by natural hazard events for the entire useful life of this project.

Process: Complete the fields below. The information provided here will automatically populate a templated Maintenance & Reporting Commitment letter to be signed by a Responsible Representative identified by you below. The Responsible Representative must be a high-level person from the subapplicant entity who is authorized to commit the entity to request and receive grant funding. The Responsible Representative cannot be a contractor or a consultant. After you click the “Add Responsible Representative” button to provide the contact information for the Responsible Representative, click “Send for Signature.” The individual will receive an email notification from DocuSign with a link to access and sign the commitment letter. The Signature Status below will reflect “Sent For Signature.” Once signed, the letter will automatically upload to the subapplication.

Maintenance & Reporting Commitment Letter Date	August 3, 2023
Subapplicant Name	Rolling Hills, City of
Subapplicant Mailing Street	2 Portuguese Bend Road
Subapplicant Mailing City	Rolling Hills
Subapplicant Mailing State	CA
Subapplicant Mailing Postal Code	90274
Disaster Number	Rolling Application
Control number	AP-01187
Entity Responsible	City of Rolling Hills
Number of years of maintenance	0
Project Building/Facility/Area	Klondike Canyon, Willow Canyon & Georgeff Canyon

Annual Maintenance Amount	\$ 15,000.00
What are the Past Maintenance Tasks Involved?	None- New Project
What are the Future Maintenance Tasks Involved?	The project does not feature constructed infrastructure. Rather, it is a canyon management project of existing landscaping or brush that will require best practices in a high-fire severity zone for initial cleanup and then periodic maintenance. Maintenance activities include trimming, mowing, removal of non-native or high fire prone foliage, limbing up, spacing, and other vegetation management techniques as needed.
Future Maintenance Schedule	Annually
Future Cost of Maintenance	\$ 0.00
Source of Future Maintenance Funds	General Fund (Reserves)

Responsible Representative Confirmation

#	Title	First Name	Last Name	Phone Number	Email	Signature Status
1	Interim City Manager	David H.	Ready	3103771521	dready@cityofrh.net	Signed

HMGP - Match Commitment

Match Commitment Letter

As a part of the Hazard Mitigation Grant Program process, a Non-Federal Share (Match) of at least 25% of the total project amount is required. This acknowledgment is to confirm the Subapplicant/Subrecipient commitment to meet the Non-Federal Share (Match) funding requirement.

Process: Complete the fields below. The information provided here will automatically populate a templated Match Commitment letter to be signed by a Responsible Representative identified by you below. The Responsible Representative must be a high-level person from the subapplicant entity who is authorized to commit the entity to request and receive grant funding. The Responsible Representative cannot be a contractor or a consultant. By sending this document for signature, you are acknowledging the requirements outlined here. After you click the “Add Responsible Representative” button to provide the contact information for the Responsible Representative, click “Send for Signature.” The individual will receive an email notification from DocuSign with a link to access and sign the commitment letter. The Signature Status below will reflect “Sent For Signature.” Once signed, the letter will automatically upload to the subapplication.

Please be Advised:

If additional federal funds are requested, an additional Non-Federal Share (Match) funding commitment letter will be required.

If a funding source is from outside the Subapplicant entity, upload documentation supporting the funding commitment and availability of funding.

Match Commitment Letter Date	August 3, 2023
Sub-Applicant Name(Entity)	Rolling Hills, City of
Control Number	AP-01187

Non-Federal Cost Share Source	Local Agency Funding
Name of Funding Source(s)	City of Rolling Hills
Funding Type	General Fund (Reserves)
Federal Share Amount Requested	\$ 1,215,750.00
Non-Federal Share (Match) Commitment	\$ 405,250.00
Non-Federal Share (Match) Availability Start Date	July 1, 2023
Is there an expiration date of the Non-Federal Share (Match)?	No

CONFIRMATION

#	Title	First Name	Last Name	Phone Number	Email	Signature Status
1	Interim City Manager	David H.	Ready	3103771521	dready@cityofrh.net	Signed

HMGP Subapplication - Benefit Cost Analysis

Benefit Cost Analysis

Was cost effectiveness determined by using pre-calculated benefits?	No
Was the current version of the FEMA Benefit Cost Analysis Toolkit utilized to determine the benefit cost ratio for the proposed project?	Yes
What are the total costs in the BCA?	\$ 1,828,011.00
What are the total benefits in the BCA?	\$ 24,202,729.00
What is the Benefit Cost Ratio (BCR)?	13.24

Grant Management Cost Application

HMGP Grant Management Cost Application

Subrecipient Grant Management costs are available at no more than 5% of the final project cost to subrecipients who apply and can meet all Federal grant requirements. Subrecipients must provide a detailed budget of the management cost request per 2 CFR 200.403, which is subject to Cal OES/FEMA approval. Reimbursement is based on documented actual cost.

For further clarification, grant management is different than project management. Grant management activities are to manage the grant (Subapplication Development, Quarterly Reporting, Reimbursement Submission). Project management is to manage the actual physical project itself (construction oversight, project scheduling and coordination, project meetings).

FEMA Definition of Management Costs: Any indirect cost, any direct administrative cost, and any other administrative expenses associated with a specific project under a major disaster, emergency, or disaster preparedness or mitigation activity or measure.

Directions: For each applicable category, provide a total estimated cost. Refer to the Management Cost examples below for costs that may be included. For the Narrative field, include a detailed description of work for each cost, including methodology used to estimate each cost. example, if your cost estimate includes your agency's time, include estimated hours, personnel titles, and salary/hourly wages plus benefits for a hourly cost. Additionally, describe how these costs will be used through the life of the grant.

Total Federal Cost Share \$ 1,215,750.00

Maximum Eligible Management Cost \$ 81,050.00

Management Cost Budget Breakdown

A. Pre-Award: Subapplication development, community outreach, meetings related to Subapplication development.

#	Expense Name	Amount	Description
1	Subapplication Development	\$ 30,000.00	Refinement of project scope and cost estimate. Subapplication development. Assistance by consultant.
		\$ 30,000.00	

B. Staff Time - Salary or hourly employee time to manage technical monitoring, quarterly reporting, technical assistance, and the reimbursement and close-out process.

#	Position	Hourly Rate	Hours	Amount	Description
1	Quarterly Reporting	\$ 140.00	120	\$ 16,800.00	Prepare quarterly reports on project progress and validation of expenses for the term of the project.
2	Reimbursement Requests	\$ 110.00	80	\$ 8,800.00	Verify project invoices with project contract and scope of work in grant agreement. Prepare and submit reimbursement request documentation.
3	Project Management	\$ 180.00	140	\$ 25,200.00	Monitoring and directing resources for Phase 1 and Phase 2 overall delivery, technical oversight, budget control, personnel management, contract management.
				\$ 50,800.00	

C. Travel - Cost to attend professional development training course directly related to implementation of the Hazard Mitigation Grant.

D. Equipment - Cost directly related to implementation of Hazard Mitigation Grant.

E. Supplies - Supply cost directly related to implementation of the Hazard Mitigation Grant, such as printer materials and office supplies.

E. Indirect Cost - Depreciation or use allowances on buildings and equipment, costs to operate and maintain facilities, general administration and accounting administration.

F. Other - Any other administrative expenses not captured in the categories above.

Total Management Cost Requested \$ 80,800.00

Maximum Management Cost Allowed (Requested Allowed) \$ 81,050.00

HMGP Subapplication - Environmental Information

EHP

Floodplains - Is the project within or will it modify a floodplain? No

Wetlands - Does the primary site alternative and/or its practicable alternative require a Section 10 of the Rivers and Harbors Act or a CWA Section 404 permit? No

Viewshed - Is the proposed project located in or adjacent to a residential or historic district? No

Existing habitat - Identify and describe any existing, observed in the field, or known or expected to exist flora and fauna species at the project site and immediately surrounding the site.

This is a phased project. However, the City has provided a list of known flora and fauna species that exist within the City. Common Native vegetation California buckwheat (*Eriogonum fasciculatum*) Lemonade berry (*Rhus integrifolia*) Oak (*Quercus* spp.) Sugarbush (*Rhus ovata*) Toyon (*Heteromeles arbutifolia*) Non-native vegetation Brazilian peppertree (*Schinus terebinthifolia*) Cherry tree (*Prunus* spp.) Chinese elm (*Ulmus parvifolia*) Eucalyptus (*Eucalyptus* spp.) Iceplant (*Carpobrotus edulis*) Jacaranda (*Jacaranda mimosifolia*) Peruvian peppertree (*Schinus molle*) Queen palm (*Syagrus romanzoffiana*) Weeping fig (*Ficus benjamina*) Ornamental landscaping such as horticulture plants, trees, shrubs, flowers, and turf grass.

Endangered/threatened species and/or critical habitat - Are any endangered/threatened species known to exist at the site or in the immediate vicinity? Yes

Migratory flyway or migration barrier - Is the proposed project new construction or extension of an existing tower of 30' in height or more? No

Invasive Species – Will the project include construction? No

Minority (or) low-income populations – Will the proposed project impact minority and low-income populations as identified in Executive Order 12898? No

Farmland – Will a project alternative convert or impact important farmland? No

Historic and Cultural Characteristics – Are there any listed, eligible or potentially eligible historic/archaeological resources (in) the (Area of Potential Effects)? No

Are there any hazardous, toxic substances at the site? No

Roadway and Access - Will the project include road construction and/or vehicular access? No

Documents

Document Type	Description
Work Schedule Documentation	Please provide documentation to support your Work Schedule if needed
	Rolling Hills Vegetation Management Schedule.pdf 08/04/2023 11:05 PM
Cost Estimate - Supporting Documentation	Provide supporting documentation to substantiate your cost estimate, including documentation that demonstrates the pre-award costs incurred within the authorized period for pre-award. The pre-award period is after the disaster declaration date and before the FEMA award date. For example, documentation could include contractor quotes, RS Means, and similar project information. Reference: 2015 HMA Guidance, Part IV H.3.2.1 and Part IV H.4.3
	CIROH HMGP Def Space Estimate (Rev. 8-3-23).pdf 08/04/2023 11:57 PM
ESFO of USFWS Listing	Contact the local Ecological Services Field Office of the (USFWS) and obtain information and listing of any (endangered/threatened species) known to exist at the site or in the immediate vicinity. Provide documentation of the listing.
	Rolling Hills List of Protected Species.docx 08/05/2023 12:22 AM
Benefit Cost Analysis	Upload the BCA Toolkit Excel File
	FEMA BCA Calculator.xlsx 08/05/2023 12:15 AM
FEMA Environmental Checklist	Provide the completed FEMA Environmental Checklist.
	FIRMETTE for Rolling Hills.pdf 08/05/2023 1:34 AM Rolling Hills HMGP-EHP-Checklist .docx 08/05/2023 1:34 AM
BCA Methodology Report	Upload the BCA Methodology Report
	BCA Methodology Report.pdf 08/05/2023 12:00 AM

Maps of all project components	Provide a map(s) of all components of the project in relation to the structures or facilities to be mitigated.			
<table border="1"> <tr> <td>Klondike Cyn Project Area Map.pdf</td> <td>08/04/2023 11:18 PM</td> </tr> </table>			Klondike Cyn Project Area Map.pdf	08/04/2023 11:18 PM
Klondike Cyn Project Area Map.pdf	08/04/2023 11:18 PM			
How action meets purpose and need	Provide a narrative describing how the proposed action meets the purpose and need of the project.			
<table border="1"> <tr> <td>Rolling Hills Proposed Action and Purpose and Need For Project.docx</td> <td>08/04/2023 11:55 PM</td> </tr> </table>			Rolling Hills Proposed Action and Purpose and Need For Project.docx	08/04/2023 11:55 PM
Rolling Hills Proposed Action and Purpose and Need For Project.docx	08/04/2023 11:55 PM			
Photos of all sides of each building	Provide photos of all sides of each building to be treated.			
<table border="1"> <tr> <td>Rolling Hills Canyon Photo Locations Maps and Photos.pdf</td> <td>08/04/2023 11:26 PM</td> </tr> </table>			Rolling Hills Canyon Photo Locations Maps and Photos.pdf	08/04/2023 11:26 PM
Rolling Hills Canyon Photo Locations Maps and Photos.pdf	08/04/2023 11:26 PM			
Scope of Work Documentation	Please upload documents that support your Scope of Work (SOW)			
<table border="1"> <tr> <td>Rolling Hills Veg Mgmt SOW.docx</td> <td>08/04/2023 11:04 PM</td> </tr> </table>			Rolling Hills Veg Mgmt SOW.docx	08/04/2023 11:04 PM
Rolling Hills Veg Mgmt SOW.docx	08/04/2023 11:04 PM			
Maintenance Commitment				
Match Commitment				
(PS-01663) - SFHA provide FIRM	Reference: 2015 HMA Guidance Addendum, B.3			
<table border="1"> <tr> <td>FIRMETTE for Rolling Hills.pdf</td> <td>08/05/2023 1:36 AM</td> </tr> </table>			FIRMETTE for Rolling Hills.pdf	08/05/2023 1:36 AM
FIRMETTE for Rolling Hills.pdf	08/05/2023 1:36 AM			
(PS-01663) - Ground and aerial photos of tree conditions	Provide and attach ground and aerial photos showing the current tree stand conditions and tree species of the proposed treatment area(s).			
<table border="1"> <tr> <td>Rolling Hills Canyon Photo Locations Maps and Photos.pdf</td> <td>08/05/2023 1:37 AM</td> </tr> </table>			Rolling Hills Canyon Photo Locations Maps and Photos.pdf	08/05/2023 1:37 AM
Rolling Hills Canyon Photo Locations Maps and Photos.pdf	08/05/2023 1:37 AM			



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 13.A
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: APPROVE A PROFESSIONAL SERVICES AGREEMENT WITH AMPIRICAL SERVICES INC. TO PROVIDE ENGINEERING SERVICES FOR THE 20B PORTION OF THE EASTFIELD DRIVE FIRE PREVENTION POWER LINE UNDERGROUNDING PROJECT IN AN AMOUNT NOT TO EXCEED \$117,899 FUNDED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) HAZARD MITIGATION PROGRAM #DR4382-177-7R-CA, AUTHORIZE THE CITY MANAGER TO EXECUTE THE AGREEMENT, AND FINDING THE PROJECT CATEGORICALLY EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

DATE: December 10, 2024

BACKGROUND:

In order to preserve the rural character of Rolling Hills and eliminate risks of wildfires, the City Council encourages and supports utility undergrounding throughout the community. In line with this vision, the City applied for Hazard Mitigation Grant Program (HMGP) funds through FEMA.

On January 26, 2022, the City was awarded \$1,971,882 in Federal funds to underground utility infrastructure on Eastfield Drive between Outrider Road and Hackamore Road. The grant requires a Local Match of 25%, or \$657,294, for a total project amount of \$2,629,176. The Local Match can be fulfilled using the City's Rule 20A work credits.

Through Councilmember Wilson's efforts and involvement, a donation of \$1,000,000 Rule 20A work credits from Supervisor Hahn's Office was approved in December 2022.

The California Public Utility Commission requires the local agencies to adopt an ordinance creating an underground district in the area where both the existing and new facilities are and will be located. The formation of the Underground Utility District (UUD) provides SCE with the authorization needed to develop the design plans to remove existing overhead facilities and install replacement underground facilities.

On November 14, 2022, the City Council adopted Resolution No. 1316 creating Underground Utility District No. 2 (UUD-02) (Eastfield Drive) and set a public hearing for the January 23, 2023 City Council meeting. Letters were sent on November 29, 2022, and January 4, 2023, to all property owners whose property or portion of their property would fall within the proposed Underground Utility District to notify them of the formation of UUD and the public hearing.

The length of UUD-02 is divided into two segments: Rule 20A and Rule 20B. Southern California Edison (SCE) handles the design and joint trench bidding and assists in coordinating with the other utility companies for Rule 20A projects. Rule 20B projects are also designed by SCE; however, joint trench bidding is handled by the City. Over the past several years, City Staff has held monthly meetings with SCE and other utility service providers to ensure the project continues progressing. In preparation for the UUD, SCE has conducted numerous site visits to confirm the scope and limits of work and the preparation of a Rough Order of Magnitude (ROM), an estimate of the project. On January 4, 2023, SCE submitted the ROM for the Rule 20A segment, which is based on the estimated trench footage of 1,250 feet and includes all mainline trenching as well as crossings, streetlights, and service laterals with the cost estimate of \$1,000,000, expressed in 2024 dollars.

On January 23, 2023, Resolution No. 1322 was adopted allowing SCE to begin designing the undergrounding system to replace the existing overhead facilities within the designated UUD. In addition, SCE coordinates with other utility service providers that have facilities on the existing overhead system to ensure their respective undergrounding designs coincide with SCE's efforts.

The Federal grant received for the Eastfield Drive Underground Utility project requires the project must be completed by January 9, 2026 in order to receive full reimbursement for any expended funds.

DISCUSSION:

The City is responsible for completing the Rule 20B segment, including lateral connections to residential electrical panels (four of which require electrical panel re-locations) and telecommunication hardware per SCE's local planning design and the telecommunication utilities designs.

To ensure that the City stays closely in sync with SCE's timing and work specific to the Rule 20A portion, a Request for Proposals (RFP) for the Rule 20B Engineering Services (Attachment A) was released on October 30, 2024. The City invited firms familiar with SCE requirements to submit fee proposals for performing the required work specific to the 20B portion project's lateral connections and preparation of supporting construction documents / specifications for undergrounding utilities.

The RFP scope of work included:

1. Project Administration & Meetings:
2. Construction Plans/Documents
3. Specifications

4. Cost Estimates
5. Permitting and Regulations
6. Bid Support
7. Construction Support Services

On November 26, 2024, two proposals (Attachments B, C, E, F) were received in a timely fashion and evaluated by staff. The order ranked the lowest proposal for work included are as follows:

Bidder	Address	Amount
Ampirical Services Inc.	5471 Kearny Villa Road, Ste. 110 San Diego, CA 92123	\$142,500.00
EN Engineering, LLC	626 Wilshire Blvd., Suite 1020 Los Angeles, CA 90017	\$169,817.25

Staff validated both proposals received and determined Ampirical Services Inc. (Ampirical) was the lowest proposer. In preparation for this report and subsequent discussion with Ampirical representatives, staff noted that various proposal aspects could be removed or revised resulting in an adjusted not-to-exceed cost amount of \$117,899 (Attachment D).

Therefore, staff recommends awarding the engineering services contract (Attachment G) to Ampirical, for a not-to-exceed amount of \$117,899 as they meet the requirements stated in the RFP.

ENVIRONMENTAL REVIEW

The City Council found this was exempt from the California Environmental Quality Act ("CEQA") on October 24, 2022.

FISCAL IMPACT:

Under Rule 20B, the City is required to cover the costs for any contracted work and then be reimbursed from the grant funds. The grant pays for 75% of the fee and the City pays 25% of the fee using Rule 20A tariff credits. Staff will return to Council with a proposed resolution to amend the budget based on the costs and flow of funds described herein.

The total not-to-exceed fee for Ampirical Services Inc. is \$117,899

RECOMMENDATION:

Approve as presented.

ATTACHMENTS:

[Attachment A -](#)

[GR_OES_241030_Eastfield_UU_20B_Engineering_RFP_F_withAttachments.pdf](#)

[Attachment B - GR_OES_241126_Eastfield_UU_20B_Engineering_Ampirical_Proposal.pdf](#)

[Attachment C - GR_OES_241126_Eastfield_UU_20B_Engineering_Ampirical_CostsSheet.pdf](#)

Attachment D -

GR_OES_241204_Eastfield_UU_20B_Engineering_Ampirical_CostsSheet_v3.pdf

Attachment E - GR_OES_241126_Eastfield_UU_20B_Engineering_Entrust_Proposal.pdf

Attachment F - GR_OES_241126_Eastfield_UU_20B_Engineering_Entrust_PricingSheet.pdf

Attachment G - CA_AGR_241210_Ampirical_Eastfield_UU_20B_F.pdf



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

NO. 2 PORTUGUESE BEND
ROAD ROLLING HILLS, CA
90274
(310) 377-1521
FAX (310) 377-7288

**REQUEST FOR PROPOSALS
ENGINEERING SERVICES
FOR
EASTFIELD DRIVE FIRE PREVENTION POWER LINE UNDERGROUNDING PROJECT
FUNDED BY FEMA Hazard Mitigation Program
#DR4382-PJ0177**

PROPOSALS DUE 3 PM, November 19, 2024

SECTION 1 - BACKGROUND

The City of Rolling Hills is requesting proposals from professional engineering firms for preparation of supporting construction documents to underground existing overhead utilities from 21 Eastfield Drive to 45 Eastfield Drive including an extension into Chuckwagon Road. The project is funded by FEMA's Hazard Mitigation Grant Program, using Southern California Edison's Rule 20A Tariff as local match. The grant is administered by California Office of Emergency Services or CalOES.

Per the requirements of the California Public Utilities Commission (CPUC) Rule 20 program, the overall project is split into two segments: Rule 20A segment, funded using the City's available credits and Rule 20B segment funded with federal grant monies. Southern California Edison (SCE) prepared construction documents for the Rule 20A segment on Eastfield Drive included as Attachment 1 (for reference only) and is responsible for the completion of this segment, including lateral connections to residential panels. The City of Rolling Hills is responsible for the completion of the Rule 20B segment including lateral connections to residential panels.

SCE prepared final design plans for the Rule 20B segment included as Attachment 2. All telecommunication companies (Cox Communication, Crown Castle, and Frontier) will utilize the City's joint trench for the Rule 20B segment with SCE conduits as noted on the SCE plans. These are included as Attachments 3, 4, & 5 respectively.

The Eastfield Drive Fire Prevention Power Line Undergrounding project is subject to the federal procurement standards under the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.

SECTION 2 - SCOPE OF SERVICES

The City of Rolling Hills is requesting proposals from qualified firms that have experience in preparing construction documents and specifications for underground utilizes (dry utilities). The desired outcome of this project will be a construction ready documents including plans, specifications, and bid sheets to solicit proposals from qualified contractors. In order to meet the grant funding sunset dates, the timeframe for this project will require all work/services required under this RFP be completed by February 14, 2025 (and assumes a contract will be awarded/executed by or before December 10, 2024).

Task 1 – Project Administration & Meetings:

- 1) Develop project schedule to meet the project deadlines noted above.
- 2) Coordinate with utility companies as needed.
- 3) Coordinate with residents as needed.
- 4) Attend monthly coordination meetings/other meetings as follows; Meetings (number of meetings):
 - a. Scoping/Kick-off (1)
 - b. Monthly Coordination Meetings (6)
 - c. Stakeholders - Final Design (2)
 - d. City Council (1)
 - e. City Staff (2)

Task 2 – Construction Plans/Documents

Prepare necessary engineering plans for construction design based on the plans provided by SCE and the telecommunication companies.

- 1) Research information/plans provided, conduct surveys as needed, and prepare necessary base map for engineering design as necessary. Note: CAD files will not be available for any of the utility company design plans per their procedures.
- 2) Electric panels will need to be relocated for the following residences: 27 Eastfield, 29 Eastfield, 38 Eastfield, and 42 Eastfield. The new panel location is reflected on the SCE Final Design Plans. Prepare plans, diagrams, and specifications to support these panel relocations as needed to include in the construction bid package.
- 3) Design Plans shall be submitted at the following stages of completion for City review and comment: 100% & 100% (Final, as needed). Allow 1 week minimum for each City of Rolling Hills review.

Task 3 – Specifications

Prepare Project Specifications to support the construction documents prepared by SCE and telecommunication companies. Prepare specifications in conformance with the current Standard Specifications for Public Works Construction (Greenbook) and other applicable agency standard plans, specifications, and guidance documents in order to obtain plan approval from the City. Provide the required permits, standards, and reference materials to be included in the City's standard contract documents. Every item of work must be fully covered including a measurement clause and a payment clause.

Task 4 – Cost Estimates

Construction Estimate: Prepare an engineer's construction estimate for the designed Project at the 100% and 100% (Final, as needed) submittal(s). Cost estimates shall have quantities and unit prices with back-up calculations for all quantities. The consultant shall verify current unit prices at time of final plan approval.

Task 5 – Permitting and Regulations

Permitting and Regulations: Develop and manage the approval process for all required permits. The consultant shall observe all laws, rules, and regulations concerning permitting and the scope of professional services shall include all steps necessary in the project development and permitting process to fully entitle the project to move into the construction phase.

- 1) Proposers shall incorporate all requirements of the City of Rolling Hills Municipal Code (RHMC) as applicable. The deliverables provided to the City shall conform to those regulations to ensure a complete and conforming project. The consultant and its subconsultants shall comply with Public Works Greenbook and RHMC in the preparation of full, complete, and accurate PS&E.
- 2) Proposers shall incorporate all federal, state, and local laws, rules, and regulations concerning public works as applicable. The deliverables provided to the City shall conform to those regulations to ensure a complete and conforming project. The consultant and its subconsultants shall comply with Public Contract Code Section 10120 in the preparation of full, complete, and accurate PS&E.

Task 6 – Bid Support:

Assist the City in preparation of the project Bid Package (City has standard bid package document) and prepare Bid Schedule based on Cost Estimate in Task 4. Provide responses to questions received during the bid phase as needed. Assist the City in compiling data on bids received and assist the city in reviewing bids for responsiveness as requested.

Task 7 – Construction Support Services:

Provide engineering services prior to, during, and following construction including:

- 1) Attend a pre-construction meeting and provide clarification of contract documents as needed.
- 2) Assist the City with Request for Information responses.
- 3) Provide review of the Contractor's submittals for conformance with the contract documents.
- 4) Upon completion of construction, the consultant shall provide as-built drawings clouded and noted in the revision block using the Contractor's record red lines. The Project drawings should be stamped "Project Record Drawings" and be accompanied by AutoCAD files as well as PDF format.

All data, documents, and other products used or developed during the project will become the property of the City.

SECTION 3 - PROPOSAL REQUIREMENTS

Understanding of the Scope of Work: Consultant shall provide a narrative to the approach to complete the Scope of Work efficiently and economically.

Organization, Credentials and Experience: Provide a summary of the Consultant's qualifications, credentials, and related past experience. Describe the consulting firm, including the personnel who will be assigned to the contract. Provide a list of three of the Consultant's projects within the last five years of similar scope and content.

Fees: Under separate cover, provide a rate proposal for the scope of work. The cost proposal shall be identified for each task. The proposed cost budget shall present the labor rates and proposed labor hours of proposed staff for each work task described in the consultant's proposal, as well as other direct costs.

Additional Information: Consultants are to review the sample Professional Services Agreement and provide comments and or questions as a part of the Consultant's proposal. See Section 6 of this RFP.

SECTION 4 – OPTIONAL PROJECT SITE VISIT / PROPOSAL PROCEDURE

The City of Rolling Hills is a gated community. If planning to attend, email chorvath@cityofrh.net by 3 pm on November 6, 2024. Proposer can visit the project site on November 7, 2024 and/or November 12, 2024 at 12:00PM by providing a driver's license to the gate attendant and identifying this proposal as the reason for the visit. The optional site visit shall begin at or near the residential address at 21 Eastfield Drive and end at the project terminus. The optional site visit will provide proposer the opportunity to view the project area and adjacent properties requiring lateral underground connections to residential structures.

All proposals are due no later than 3 pm on November 19, 2024. The City reserves the right to extend the deadline. The City will respond to request for clarification in written RFP addendum(s) as needed. All inquiries shall be directed to Project Manager Christian Horvath at chorvath@cityofrh.net by 5 pm on November 13, 2024.

Please submit the proposal via email to:

Christian Horvath
City Clerk / Executive Assistant to the City Manager
chorvath@cityofrh.net

Submission of a proposal indicates acceptance by the firm of the conditions contained in this request for proposal unless clearly and specifically noted in the proposal submitted and confirmed in the agreement between the City of Rolling Hills and the firm selected. The City of Rolling Hills reserves the right without prejudice to reject any or all proposals. No reimbursement will be made by the City for costs incurred in the preparation of the response to this Request for Proposal. Submitted materials will not be returned and become the property of the City of Rolling Hills.

SECTION 5 - SELECTION CRITERIA

Proposals will be selected based on the ability to meet the scope of work, the ability to demonstrate efficiency use of resources, the relevant experience of proposed personnel, and dedication of personnel to complete the project within time to meet the FEMA assigned grant project completion date of October 9 2025. (Please note that all work defined in the approved scope of the grant project must be completed not less than 90 days prior approved project period of performance January 9, 2026). Proposer may be asked to participate in an interview with the City. If necessary, interviews are tentatively scheduled for the week of November 25, 2024.

SECTION 6 - ATTACHMENTS

Attachment 1 – Rule 20A Final Design – Approved for Construction (TD2084825) **(FOR REFERENCE ONLY)**

Attachment 2 – Rule 20B Final Design UG Install Map (TD2111184)

Attachment 3 – Telecommunication Rule 20B Plans (Cox Communication)

Attachment 4 – Telecommunication Rule 20B Plans (Crown Castle)

Attachment 5 – Telecommunication Rule 20B Plans (Frontier)

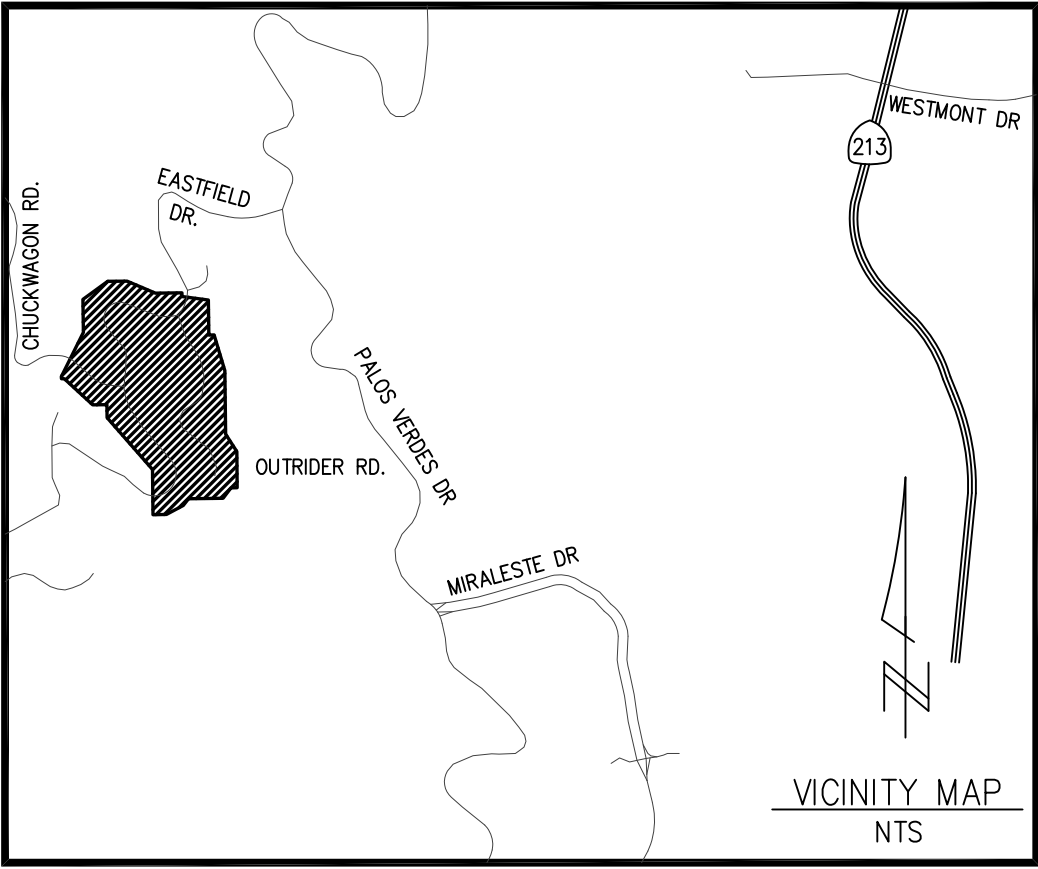
Attachment 6 – Topographic Survey (PDF Plans)

Attachment 7 - Sample Professional Services Agreement

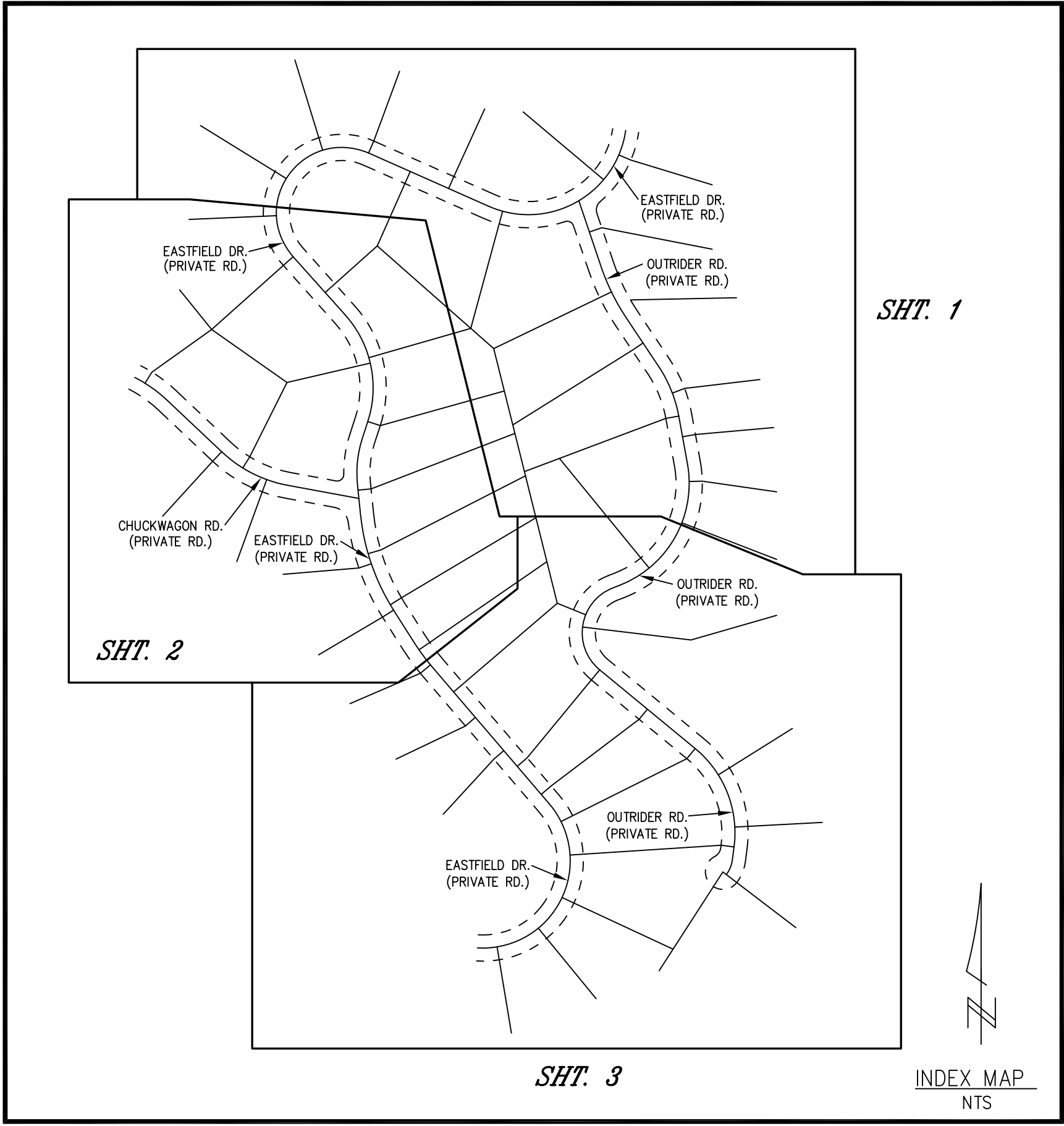
Attachment 8 - City of Rolling Hills CalOES/FEMA HMGP Project Sub Application

Attachment 01

Attachment 02



ATTACHMENT 2



NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL

CITY OF ROLLING HILLS
TD2111184 2QQ RULE 20B INSTALL UG
STATLER 16KV % WALTERIA SUB

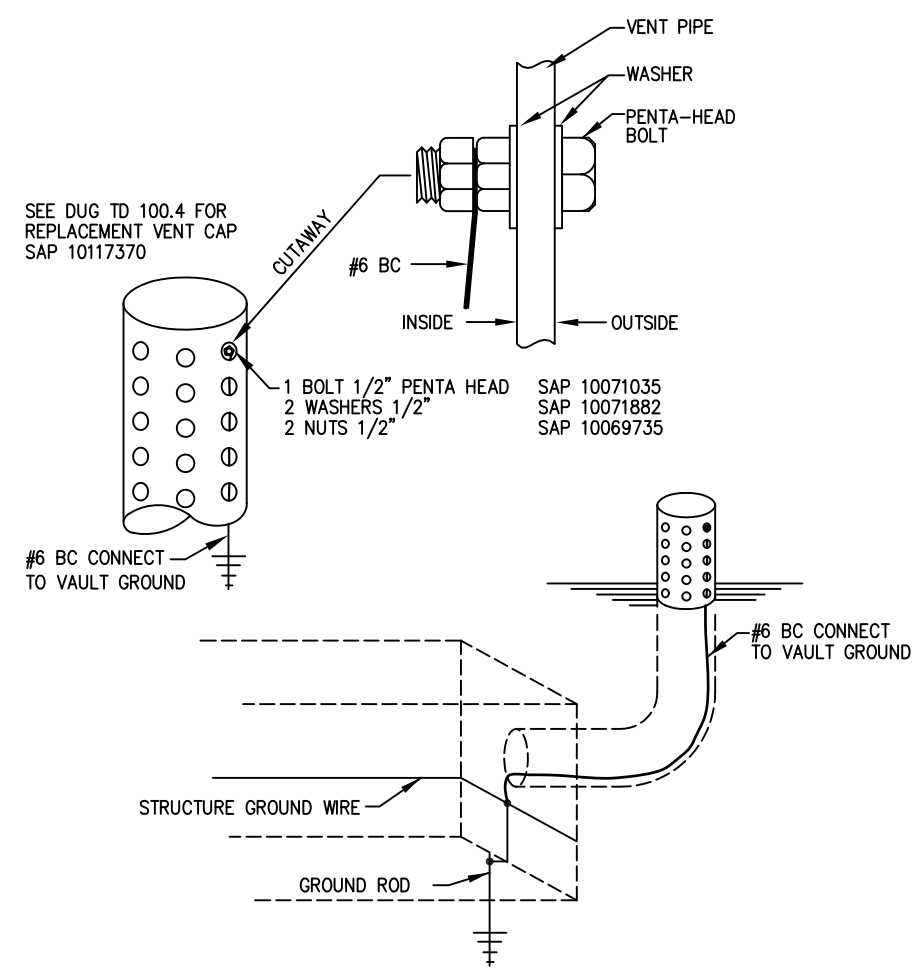
PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	☒
PWRD 88 REQUIRED UG	☒
CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
PERMIT TYPE: ENCROACHMENT	
OUTAGE REQUIRED	☒
OUTAGE DATE: TBD	TIME: TBD
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQ'D	☐
CONVEYANCE LETTER REQ'D	☐
ENVIRONMENTAL REQUIREMENTS DOCUMENT (ERD) REQUIRED	☒
CSD 140 (TLM) REQ'D	☒
CIRCUIT MAP CHANGE REQ'D (TD 203)	☒
DIG ALERT APP	☒
VERIFIED ACTIVE AND CONFIRMED USA TICKETS	☐
UTILIQUEST NOTIFIED	☐
FAA MARKING REQ'D	☐
FAA TYPE: _____	
STANDARD ADHERENCE: 02_Q/_/2024_Y	

INVENTORY MAP NO.'S			
LT-7636-G	LT-7635-A2		
LT-7636-H	LT-7635-A4		
LT-7635-A	LT-7635-B1		
LT-7635-B	LT-7635-C1		
LT-7635-C	LT-7635-C2		
LT-7635-D	LT-7635-C3		
LT-7636-G4	LT-7635-C4		
LT-7636-H3	LT-7635-E2		
0124: Rev. 11/10/20			
DISTRICT 44 - SOUTH BAY	PROJ. MGR. WILLIAMS, JENNA J PHONE 714-430-7842	PLANNER WILLIAMS, JENNA J PHONE 310-720-6086	DESIGNER CHIN, ELIZABETH
PROJECT NO. 2612821	SERVICE REQUEST 3500715	MSR NO. GPS	PRODUCT-1 PRODUCT-2
CIRCUIT / VOLTAGE STATLER 16KV			ASSOC DESIGN
SUB / PG NO. WALTERIA SUB			ASSOC DESIGN
INVENTORY MAP VARIOUS			
J.P.A. NO.			
PROPOSED CONSTRUCTION (LOCATION) RULE 20B 45 EASTFIELD DR ROLLING HILLS CA 90274			
F 12/29/2023	MIDILA K	J WILLIAMS	E CHIN 16484
P 10/10/2023	MIDILA K	J WILLIAMS	E CHIN 16484
TYPE	DATE	APPROVED BY	CHECKED BY
Southern California Edison Company			
SHEET 1 of 7			DESIGN/DRWG NO. 1608857_0.01

UNDERGROUND SERVICE ALERT
Contact USA
Dial 811 or 800-422-4133
www.digalert.org/contact
For Underground Locating
Two Working Days Before You Dig

016: Rev. 05/28/20

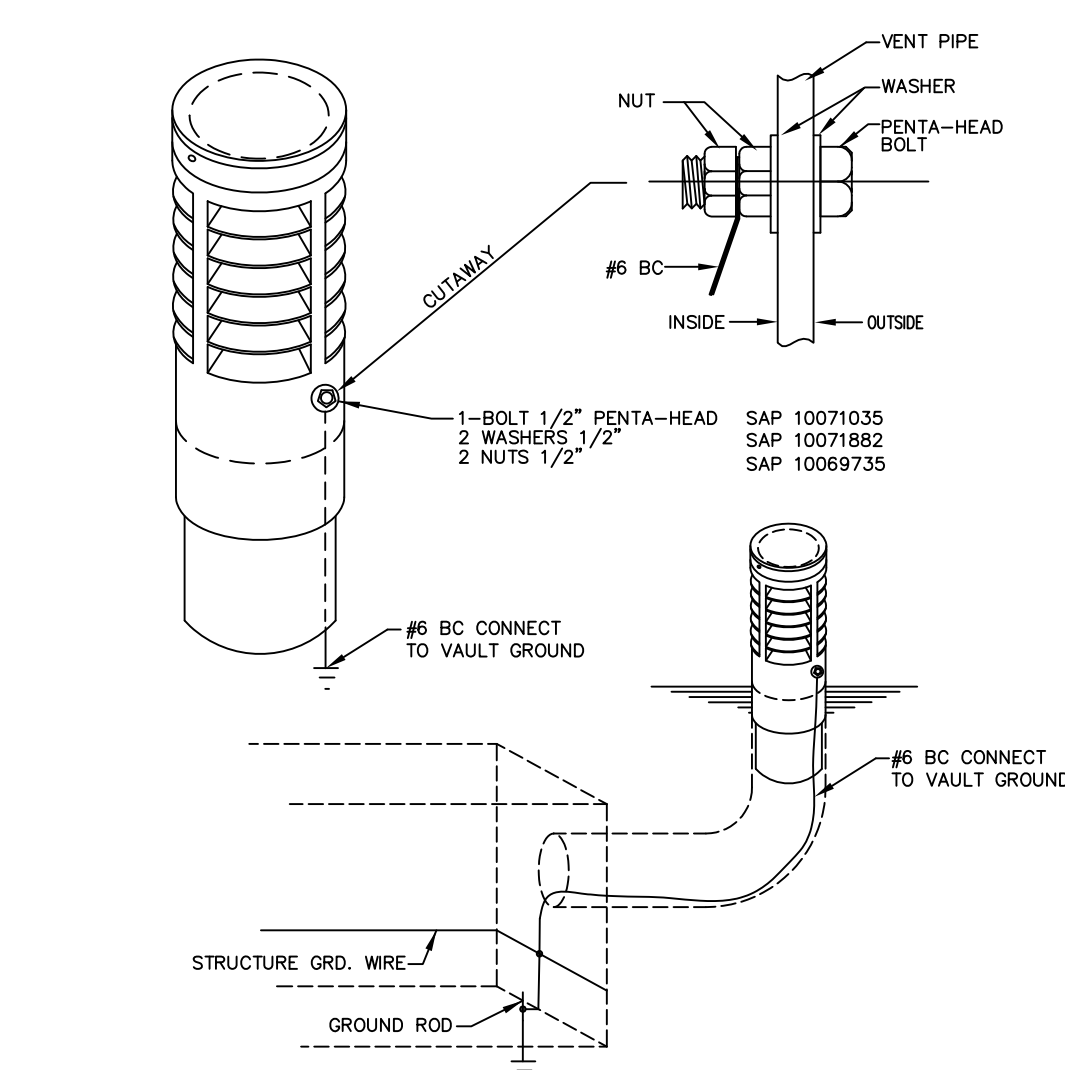
GROUND CONNECTION INSTALLATION IN A PVC VENT
SEE UGS AC 760.1



NOTE:
TO ASSIST IN UNDERGROUND STRUCTURE LOCATING FROM THE SURFACE, INSTALL A #6 BARE COPPER WIRE FROM INSIDE THE VENT PIPE TO THE STRUCTURE GROUND SYSTEM. THIS INSTALLATION WILL ALLOW A SINGLE PERSON CROW TO TIE INTO THE SYSTEM GROUND AND LOCATE THE FACILITIES UNDEAD. THE INSTALLATION SHOULD BE MADE DURING NEW CONSTRUCTION, ADDED TO THE APPROPRIATE STRUCTURE DURING THE ROUTINE MAINTENANCE CYCLE, OR AS THE NEED ARISES BY REQUEST FOR ASSISTANCE FROM THE CONTRACT CABLE LOCATING COMPANY.

D037: REV. 10/26/20

GROUND CONNECTION INSTALLATION IN A POLYETHYLENE VENT
SEE UGS AC 760.2



NOTES:
1. TO ASSIST IN UNDERGROUND STRUCTURE LOCATING FROM THE SURFACE, INSTALL A #6 BARE COPPER WIRE FROM INSIDE THE VENT PIPE TO THE STRUCTURE GROUND SYSTEM. THIS INSTALLATION WILL ALLOW A SINGLE PERSON CROW TO TIE INTO THE SYSTEM GROUND AND LOCATE THE FACILITIES UNDEAD. THE INSTALLATION SHOULD BE MADE TO A MINIMUM OF ONE VENT PER VAULT DURING NEW CONSTRUCTION, ADDED TO THE APPROPRIATE STRUCTURES DURING THE ROUTINE MAINTENANCE CYCLE, OR AS THE NEED ARISES BY REQUEST FOR ASSISTANCE FROM THE CONTRACT CABLE LOCATING COMPANY.
2. DRILL A 9/16" HOLE FOR GROUNDING BOLT APPROXIMATELY ONE INCH BELOW THE LOWEST VENTILATION PIN SLOT. THE GROUND CONNECTION SHOULD BE ATTACHED ON THE SIDE OF THE VENT FACING AWAY FROM THE STREET. THIS IS DONE TO MAINTAIN A FLAT SURFACE FOR ATTACHING STRUCTURE IDENTIFICATION STICKERS.

D013: REV. 10/26/20

CONCRETE PRODUCTS

Precast concrete item complete with neck. Cover and inserts may be obtained from any of the following listed and approved manufacturers:

JENSEN PRECAST
14221 San Bernardino Ave., Fontana, Calif. 92335
Phone: (909) 350-4111
(800) 257-6100

OLDCASTLE PRECAST
10650 Hemlock Ave., Fontana, Calif. 92337
Phone: (909) 428-3700
(800) 626-3860

FOR HANDHOLE AND PULLBOX MANUFACTURERS,
SEE UGS HP 200.

D41: REV. 01/21/09

Applicants expressly represent and warrant that all work performed and all material used in meeting Applicants' obligations herein are free from defects in workmanship and are in conformity with Southern California Edison Company's requirements. This warranty shall commence upon receipt by Applicants of the Company's final acceptance and shall expire one year from that date. Applicants agree to promptly correct to the Company's satisfaction and that of any governmental agency having jurisdiction and at Applicants' expense any breach of this warranty which may become apparent through inspection or operation of underground electric system by the Company during this warranty period.

LEGEND OF DRAFTING SYMBOLS

TRENCH
EDISON CONDUIT (DIST. & SU)
CUST. OWNED CONDUIT
RESIDENTIAL SERVICE CABLE
EXISTING CONDUIT

STRUCTURES
VAULT
MANHOLE
PME 3-5
PME 6-12
PULL BOX
HANDHOLE
SOE
PAD
4"x4" BURD SWITCH ENCLOSURE
36" BURD SWITCH ENCLOSURE
BURD TRANSFORMER ENCLOSURE
STREET LIGHT ELECTROLEUR
C/A METER PANEL
FIRE HYDRANT

D128: REV. 11/10/20

CONDUIT RADIUS REQUIREMENTS

A: The minimum radius for bends are:
36" for conduits 3" in diameter or smaller
48" for conduits 4" and 5" in diameter
60" for 6" diameter conduit
B: The minimum radius for sweeps are:
36" for conduits 3" in diameter or smaller
12'-6" for conduits 4" in diameter and larger,
unless otherwise noted.

CONTRACTOR/DEVELOPER NOTES

- TEMPORARY BARRIERS TO BE PLACED AROUND ALL EDISON STRUCTURES DURING CONSTRUCTION
- CUSTOMER TO VERIFY EXACT LOCATION OF STREET LIGHTS PRIOR TO INSTALLATION
- WHERE SLEEVES OR STUB OUTS ARE INSTALLED, CONTRACTOR TO MANDREL AND INSTALL PULL ROPE
- ANY SERVICES THAT ARE NOT INSTALLED IN CONJUNCTION WITH THE MAIN LINE SYSTEM WILL REQUIRE A MINIMUM OF 3" CUSTOMER OWNED SERVICE CONDUIT AT THE TIME OF CONSTRUCTION OF THE HOME
- DEVELOPER IS RESPONSIBLE FOR LOCATING EXISTING DUCT, SLEEVES, AND STUB OUTS. LOCATIONS SHOWN ON MAP ARE NOT GUARANTEED. IF NOT EXISTING, THE DEVELOPER MUST PROVIDE THESE ITEMS.

D128: REV. 11/10/20

LEGEND OF CONDUIT SYMBOLS (CONVENTIONAL U. G.)

EDISON
NO. CONDUIT REQ'D. → SIZE OF CONDUIT
RUN NO. → LENGTH OF CONDUIT RUN

TRENCH
TYPE OF FACILITY (C-C, DB, ETC.) → LENGTH OF TRENCH
RUN NO. → LENGTH OF CONDUIT RUN

STREET LIGHT
NO. CONDUIT REQ'D. → SIZE OF CONDUIT
RUN NO. → LENGTH OF CONDUIT RUN

STREET LIGHT TRENCH
TYPE OF FACILITY → LENGTH OF ADDITIONAL TRENCH REQ'D.
RUN NO. → LENGTH OF CONDUIT RUN

EDISON
NO. CONDUIT REQ'D. → SIZE OF CONDUIT
REFERENCE RUN NO. → DENOTES CONDUIT RUN CONTINUATION FOR CONSTRUCTION INFORMATION

STREET LIGHT
NO. CONDUIT REQ'D. → SIZE OF CONDUIT
REFERENCE RUN NO. → DENOTES CONDUIT RUN CONTINUATION FOR CONSTRUCTION INFORMATION

ANY OF THE ABOVE SYMBOLS FOLLOWED BY A →

DENOTES THE FOLLOWING:

- DB CONDUIT WITHOUT ENCASEMENT IS ACCEPTABLE FOR PORTIONS OF TRENCH WITH ONLY ONE OR TWO CONDUITS
- SEMI-ENCASEMENT IS REQUIRED FOR PORTIONS OF TRENCH WITH ONLY THREE OR FOUR CONDUITS
- FULL ENCASEMENT IS REQUIRED FOR MORE THAN FOUR CONDUITS

D18: REV. 5/08/2006

NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL

TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB

TIE-IN MADE INTO A SECONDARY HANDHOLE

If PVC conduit is used, riser bend installation may be made by the customer with prior SCE approval. Customer not to remove handhole cover. If metallic conduit is used or handhole cover needs to be removed, a SCE Qualified Person must be present.

RUN NUMBER CALL-OUTS AS FOLLOWS:

① - 199 MAINLINE CONDUIT
②00 - 599 SERVICE CONDUIT
③00 - 799 STREET LIGHT CONDUIT

D84: REV. 10/26/20

NOTE:

ALL ELECTRICAL DUCTS AND STRUCTURES WILL CONFORM TO GENERAL ORDER #128 (RULES FOR CONSTRUCTION OF UNDERGROUND ELECTRICAL SUPPLY AND COMMUNICATION PRESCRIBED BY THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA, JANUARY 2006).

WHERE CONDUITS ARE PICKED UP OR INTERCEPTED, CONDUIT SHALL BE MANDRELLED AND PULL ROPE INSTALLED FROM TERMINAL TO TERMINAL.

CONNECTING TO EXISTING SCE STRUCTURES

- Per SCE requirements, customers are not allowed to enter, intercept or tie-in to existing SCE facilities, e.g. structures, equipment, multi-conduit runs/banks, or conductors. These facilities may be energized and the work will only be performed by SCE. Contact the appropriate SCE Inspector to schedule an appointment. Customers may connect to an existing conduit stub without a SCE inspector present.
- Multi-conduit runs/banks are runs of conduit in close proximity to each other and other SCE facilities. A conduit stub is a single empty conduit stub that is not in close proximity to other SCE owned facilities. Refer to the work order map for details.
- Per CPUC/SCE's Rule 15 B.1.A and Rule 16 D.1.A., the customer will provide all necessary excavations (with the exception of excavation under pads and primary splice boxes), material (including conduit and structures) and encasement, to be utilized in the intercept/tie-in work by SCE's underground civil contractor(s).
- The customer must adhere to all applicable Cal-OSHA, local, city, state and federal regulations, (including, but not limited to, all necessary shoring and traffic control in place to perform the intercept/tie-in work by SCE's underground civil contractor(s)).
- Intercept/tie-in work must be coordinated with SCE's civil contractors through the Division Inspector/P-Spec to limit exposure of excavation(s). Customer is responsible for securing excavation(s).

D08: 11/13/16

TIE-IN MADE INTO A SECONDARY HANDHOLE

If PVC conduit is used, riser bend installation may be made by the customer with prior SCE approval. Customer not to remove handhole cover. If metallic conduit is used or handhole cover needs to be removed, a SCE Qualified Person must be present.

WARNING

THE EXCAVATOR MUST TAKE ALL STEPS NECESSARY TO AVOID CONTACT WITH UNDERGROUND FACILITIES WHICH MAY RESULT IN INJURY TO PERSONS OR DAMAGE TO FACILITIES IN THE AREA. THE INDICATED LOCATIONS OF EDISON UNDERGROUND FACILITIES, AS PROVIDED, ARE BELIEVED TO BE ACCURATE. HOWEVER, THE FINAL DETERMINATION OF EXACT LOCATIONS AND THE COST OF REPAIR TO DAMAGED FACILITIES IS THE RESPONSIBILITY OF THE EXCAVATOR.

CUSTOMER-OWNED CONDUIT MATERIAL* AND CONCRETE ENCASEMENT WILL BE TO BE INSTALLED IN ACCORDANCE WITH EDISON ELECTRICAL SERVICE REQUIREMENTS.
*SUBJECT TO APPROVAL BY LOCAL INSPECTION AUTHORITIES

D14: REV. 01/05

LEGEND CODE DEFINITIONS

- CI - CUSTOMER CONTRACTOR INSTALLED: MATERIALS FURNISHED AND INSTALLED BY APPLICANT AT EDISON'S EXPENSE AND ARE DEERED TO EDISON. (EXCEPTION: STREET LIGHT ELECTROLEURS WILL BE INSTALLED BY EDISON'S CONTRACTOR.)
- CO - CUSTOMER CONTRACTOR OWNED: MATERIALS FURNISHED, INSTALLED, OWNED, AND MAINTAINED BY APPLICANT.
- CF - CUSTOMER CONTRACTOR FURNISHED: MATERIALS FURNISHED AND INSTALLED BY APPLICANT AT APPLICANT'S EXPENSE THAT MAY BE DEERED TO EDISON.
- IN - INSTALL: MATERIALS FURNISHED AND INSTALLED BY APPLICANT IF APPLICANT INSTALLED PROJECT OR BY EDISON IF EDISON INSTALLED PROJECT. (EXCEPTION: FOR AN APPLICANT INSTALLED LINE EXTENSION STATION NOS.)
- HAVING AN ASTERISK ADJACENT TO AN "N" LEGEND CODE REPRESENTS MATERIALS TO BE PROVIDED BY APPLICANT AND INSTALLED BY EDISON IN ALL CASES. REFER TO D98 R20B. PROJECT MATERIAL LIST BY ASSEMBLY WITHIN A STATION.)
- MI - MEMO INSTALL: SAME AS IN-INSTALL.
- MR - MEMO REMOVED: MATERIALS REMOVED BY EDISON.
- RM - MEMO REMOVED: MATERIALS REMOVED BY EDISON.
- SI - SHOPLY IN: MATERIALS FURNISHED AND INSTALLED BY EDISON FOR TEMPORARY CONSTRUCTION.
- SR - SHOPLY REMOVE: MATERIALS REMOVED BY EDISON FOR TEMPORARY CONSTRUCTION.
- TR - TRANSFER: EDISON LABOR REQUIRED TO TRANSFER EXISTING FACILITIES.

D31: REV. 11/05

CONSTRUCTION NOTES:

UNLESS OTHERWISE SPECIFIED ON THE WORKING DRAWING WHICH FORMS A PART OF THE SPECIFICATION, THE CONTRACTOR/DEVELOPER SHALL FURNISH THE FOLLOWING ITEMS AT NO COST TO THE EDISON COMPANY.

SOUTHERN CALIFORNIA EDISON COMPANY HAS ATTEMPTED TO CORRECTLY SHOW ALL EXISTING UTILITIES AND SUBSTRUCTURES IN THE VICINITY OF THE WORK, BUT DOES NOT GUARANTEE THERE ARE NO OTHER SUBSTRUCTURES IN THE AREA. FAILURE OF SCE TO SHOW ALL SUBSTRUCTURES IN THEIR CORRECT LOCATION WILL NOT BE A BASIS FOR A CLAIM FOR EXTRA WORK, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO SUBSTRUCTURES WHETHER SHOWN OR NOT.

- FOR GENERAL SPECIFICATIONS SEE UGS GI 001.
- CONDUIT:
 - MINIMUM COVER IN STREET OR PARKWAY IS 30" BELOW OUTER GRADE, UNLESS NOTED OTHERWISE.
 - MINIMUM COVER ON PRIVATE PROPERTY IS 30" BELOW FINISHED GRADE, UNLESS NOTED OTHERWISE.
 - CONTRACTOR IS TO FURNISH AND INSTALL APPROVED CONDUIT TO EDISON SPECIFICATIONS PER UGS CD 100.1, 110 AND 120.
 - FOR THE TYPE OF CONDUIT FOR THIS JOB, SEE UGS CD 100.1.
 - INSTALL ALL RISERS PER UGS CD 160, 161, 162 AND 170.
 - INSTALL ALL MAINLINE CONDUITS PER UGS CD 148 AND SERVICE CONDUITS PER UGS CD 150.
 - INSTALL BANK CONDUIT FLUES IN ALL CONDUITS TERMINATING INTO VAULTS, MANHOLES, PMH'S, SOE'S & ALL CAP LOCATIONS, PER UGS CD 180.1 & UGS CD 180.2.
 - INSTALL PULL ROPE IN ALL CONDUIT RUNS. PULL ROPE TO BE AT LEAST 3/8" POLYPROPYLENE ROPE, BRADED OR TWISTED. FOR SPECIFICATIONS, APPROVED MAKES, AND SUPPLIERS, SEE UGS GI 040.
 - ALL CONDUIT MUST BE MANDRELLED WITH THE APPROVED MANDREL UGS CD 197.
- CONDUIT RADIUS REQUIREMENTS:
 - THE MINIMUM RADIUS FOR BENDS ARE:
 - 36" FOR CONDUITS 3" IN DIAMETER OR SMALLER
 - 48" FOR CONDUITS 4" AND 5" IN DIAMETER
 - 60" FOR 6" DIAMETER CONDUIT
 - THE MINIMUM RADIUS FOR ALL SWEEPS OF ALL MAINLINE CONDUITS IS 12'-6" (UNLESS NOTED OTHERWISE).
- EXCAVATION AND BACKFILL:
 - WORK AREA SHALL BE CLEARED AND ROUGH GRADED TO WITHIN FOUR INCHES OF FINAL GRADE PRIOR TO INSTALLATION OF EDISON CONDUIT OR STRUCTURES.
 - ALL EXCAVATIONS SHALL BE IN ACCORDANCE WITH THE CALIFORNIA STATE CONSTRUCTION SAFETY ORDERS (WHEN APPLICABLE), EDISON SPECIFICATIONS, AND ALL GOVERNING LOCAL ORDINANCES.
 - EACH TRENCH TO BE A UNIFORM DEPTH BELOW FINAL GRADE PRIOR TO INSTALLATION OF EDISON CONDUIT OR STRUCTURES.
 - BACKFILL SHALL BE PROVIDED BY THE CONTRACTOR FOR ALL EXCAVATIONS AND SHALL INCLUDE CRUSHED ROCK, CONCRETE, AND/OR IMPORTED BACKFILL, WHEN REQUIRED.
 - BACKFILL WITH A MINIMUM OF ONE SACK PER YARD SAND CEMENT SLURRY AROUND AND OVER VAULTS AND MANHOLES PER UGS GI 030, SECTION 6.4 AND AROUND PMH'S WITHIN ONE FOOT OF FINISHED GRADE, PER UGS SS 560.1.
 - BACKFILL, PER EDISON SPECIFICATIONS, SHALL IMMEDIATELY FOLLOW CONDUIT OR SUBSTRUCTURE INSTALLATION. AT NO TIME SHALL CONDUIT BE LEFT EXPOSED OVER 24 HOURS.
 - NO ROCKS ARE ALLOWED WITHIN 12 INCHES OF DIRECT-BURIED CABLES OR ANY CONDUIT WITHOUT CONCRETE ENCASEMENT. NATIVE BACKFILL CAPABLE OF PASSING THROUGH A ONE-HALF INCH MESH SCREEN SHALL BE CONSIDERED TO BE "ROCK FREE". IF EXISTING BACKFILL DOES NOT PASS THROUGH A 1/2" SCREEN, PLACE IMPORTED SAND 3" BELOW AND 12" ABOVE EDISON CABLES. AFTER THIS POINT, NO ROCKS LARGER THAN 12" DIAMETER ARE PERMITTED.
 - ALL BACKFILL SHALL BE COMPACTED TO MEET OR EXCEED LOCAL ORDINANCES OR OTHER REQUIREMENTS. IT SHALL BE PLACED IN A MANNER THAT WILL NOT DAMAGE THE CONDUIT OR SUBSTRUCTURE OR ALLOW FUTURE SUBSIDENCE OF THE TRENCH OR STRUCTURES.
- PAVING:
 - WHEN REQUIRED, WHERE REQUIRED, SHALL BE PLACED IN SUCH A MANNER THAT INTERFERENCE WITH TRAFFIC, INCLUDING PEDESTRIAN TRAFFIC, WILL BE KEPT TO A MINIMUM. THE CONTRACTOR SHALL ESTABLISH A PROGRAM OF REPAVING ACCEPTABLE TO THE MUNICIPALITY, COUNTY, OR OTHER AUTHORITY HAVING JURISDICTION AND WHICH IS ACCEPTABLE TO EDISON.
- STRUCTURES:
 - ALL SUBSTRUCTURES SHALL BE CONSTRUCTED OR INSTALLED TO EDISON SPECIFICATIONS.
 - INSTALL PROTECTION BARRIERS PER UGS MS 830 WHEN REQUIRED IN AREAS EXPOSED TO TRAFFIC, PER EDISON INSPECTOR.
 - ALL CONDUIT LINES AND CONCRETE FLOORED SUBSTRUCTURES SHALL BE WATER TIGHT.
 - ALL GROUNDING MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- RETAINING WALLS:
 - WHEN REQUIRED, RETAINING WALLS SHALL BE PROVIDED BY THE DEVELOPER. WALLS ARE REQUIRED WHEREVER GRADE RISES MORE THAN 18 INCHES ABOVE THE STRUCTURE OR 24" ABOVE THE PAD SURFACE AT A DISTANCE OF 5 FEET FROM THE SAME, OR IN AREAS SUBJECT TO EROSION. DESIGN AND INSTALLATION MUST COMPLY WITH LOCAL BUILDING ORDINANCES. REFER TO EDISON INSPECTOR FOR TYPICAL SPACE REQUIREMENTS.
- PERMITS:
 - ALL PERMITS NECESSARY FOR EXCAVATION SHALL BE PROVIDED BY THE CONTRACTOR/DEVELOPER.
- ACCESS:
 - HEAVY TRUCK ACCESS SHALL BE MAINTAINED TO EQUIPMENT LOCATIONS. STRUCTURES MUST BE CLEAR OF ALL APPURTENANCES THAT WOULD OBSTRUCT THE LOADING OR UNLOADING OF EQUIPMENT.
- SERVICES:
 - METERS AND SERVICES SHALL COMPLY WITH EDISON ELECTRICAL SERVICES REQUIREMENTS.
 - WORKING MUST BE IN ACCORDANCE WITH APPLICABLE LOCAL ORDINANCES AND APPROVED BY LOCAL INSPECTION AUTHORITIES.
- LOCATION:
 - THE LOCATION OF EXCAVATIONS AND STRUCTURES FOR EDISON SHALL BE AS SHOWN ON THE WORKING DRAWING. NO DEVIATION FROM THE PLANNED LOCATIONS WILL BE PERMITTED WITHOUT APPROVED BY THE EDISON INSPECTOR. SEE UGS GI 001, SECTION 2.2.
 - ACTUAL LOCATION OF OBSTRUCTIONS, STORM DRAINS, AND/OR OTHER FOREIGN UTILITIES TO BE THE RESPONSIBILITY OF THE CONTRACTOR. SEE UGS GI 001, SECTION 2.3.
- CONTRACTOR IS TO VERIFY LOCATION AND WIDTHS OF ALL SIDEWALKS AND DRIVEWAYS PRIOR TO STREET LIGHT INSTALLATION. SEE UGS CD 175.1, UGS CD 175.2 AND UGS CD 175.3.
- SURVEY:
 - SURVEYING OF STREET IMPROVEMENTS, PROPERTY CORNERS, LOT LINES, FINISHED GRADE, ETC., NECESSARY FOR THE INSTALLATION OF UNDERGROUND FACILITIES MUST BE COMPLETED AND MARKERS OR STAKES PLACED PRIOR TO THE START OF THE INSTALLATION. IN ADDITION, DEVELOPER SHALL MAINTAIN THE MARKERS DURING THE INSTALLATION AND INSPECTION BY EDISON. GRADE AND PROPERTY LINE STAKES MUST SHOW ANY OFFSET MEASUREMENTS.
- COORDINATION AND SUPERVISION:
 - THE DEVELOPER SHALL PROVIDE SUPERVISION OVER AND COORDINATION AMONG THE VARIOUS CONTRACTORS WORKING WITHIN THE DEVELOPMENT IN ORDER TO PREVENT DAMAGE TO EDISON FACILITIES. HE IS RESPONSIBLE FOR THE COST OF REPAIRS, REPLACEMENT, RELOCATION, OR OTHER CORRECTIONS TO EDISON FACILITIES MADE NECESSARY BY HIS FAILURE TO PROVIDE SUPERVISION OR TO OTHERWISE COMPLY WITH THESE SPECIFICATIONS.
- TELEPHONE AND OTHER UTILITY REQUIREMENTS:
 - THE DRAWING PREPARED FOR THIS JOB MAY ALSO COVER THE FACILITIES TO BE INSTALLED FOR THE TELEPHONE COMPANY AND/OR OTHER UTILITY. ANY QUESTIONS CONCERNING DETAILS OF THEIR INSTALLATION SHOULD BE REFERRED TO THE COMPANY CONCERNED.
- OWNERSHIP:
 - DEVELOPER IS TO DEED TO THE EDISON COMPANY ALL STRUCTURES SHOWN HEREON EXCEPT THOSE SHOWN AS CUSTOMER OWNED.
- WARRANTY:
 - APPLICANTS EXPRESSLY REPRESENT AND WARRANT THAT ALL WORK PERFORMED AND ALL MATERIAL USED IN MEETING APPLICANTS' OBLIGATIONS HEREIN ARE FREE FROM DEFECTS IN WORKMANSHIP AND ARE IN CONFORMITY WITH SOUTHERN CALIFORNIA EDISON COMPANY'S REQUIREMENTS. THIS WARRANTY SHALL COMMENCE UPON RECEIPT BY APPLICANTS OF COMPANY'S FINAL ACCEPTANCE AND SHALL EXPIRE ONE YEAR FROM THAT DATE. APPLICANTS AGREE TO PROMPTLY CORRECT TO THE COMPANY'S SATISFACTION AND THAT OF ANY GOVERNMENTAL AGENCY HAVING JURISDICTION AND AT APPLICANTS' EXPENSE ANY BREACH OF THIS WARRANTY WHICH MAY BECOME APPARENT THROUGH INSPECTION OR OPERATION OF UNDERGROUND ELECTRIC SYSTEM BY THE COMPANY DURING THIS WARRANTY PERIOD.
- INSPECTION:
 - INSPECTION IS REQUIRED DURING THE CONSTRUCTION PERIOD. A 48 HOUR ADVANCE NOTICE OF INTENT TO START CONSTRUCTION IS REQUIRED FROM THE CONTRACTOR TO THE SOUTHERN CALIFORNIA EDISON COMPANY. STANDARDS OF EDISON CONSTRUCTION REQUIREMENTS ARE AVAILABLE UPON REQUEST.

DUCT AND STRUCTURE INSPECTOR: MARIO SAUCEDO PHONE: 310-502-1029
CABLING CONSTRUCTION COORDINATOR: PHONE:

D05: 03/22/24

UNDERGROUND SERVICE ALERT

Contact USA
Dial 811 or 800-422-4133
www.digalert.org/contact
For Underground Locating
Two Working Days Before You Dig

D16: REV. 05/26/20



SCALE: 1" = 60'

0 60 120

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT 44 - SOUTH BAY	PRJAL MGR. WILLIAMS, JENNA J PHONE 3106085194	PLANNER WILLIAMS, JENNA J PHONE 3106085194	DESIGNER CHIN, ELIZABETH
PROJECT NO. 2612921	SERVICE REQUEST SS50715	MSR NO. PS	PRODUCT-1 211184-RULE 20B-UG INSTALL
CIRCUIT 7 VOLTAGE STATLER 16KV	CIRCUIT CODE	PRODUCT-2	ASSOC DESIGN
INVENTORY MAP VARIOUS	J.P.A. NO.	PRODUCT-3	ASSOC DESIGN
PROPOSED CONSTRUCTION (LOCATION) RULE 20B 45 EASTFIELD DR ROLLING HILLS CA 90274			
F 12/29/2023	MIDILA K	J WILLIAMS	E CHIN 16484
P 11/28/2023	MIDILA K	J WILLIAMS	E CHIN 16484
TYPE DATE APPROVED BY	CHECKED BY	DRAWN BY	PAX #
SHEET			
DESIGN/DRWG NO. 1608857_0.01			

NOTE(S):

- SPACING AND CONCRETE COVERAGE AS SHOWN IS MINIMUM.
- SPACERS, WHEN REQUIRED, WILL BE AS RECOMMENDED BY THE CONDUIT MANUFACTURER AND APPROVED BY THE COMPANY AND WILL BE PLACED AT THE INTERVALS SHOWN IN TABLE CD 120-1 (SHEET 1). VERTICAL SPACERS AND BASE SPACERS WILL BE MANUFACTURED FROM RIGID NONCOMPRESSIBLE-TYPE MATERIALS. USE TEMPORARY MEANS TO MAINTAIN HORIZONTAL CONDUIT SPACING AT THESE INTERVALS UNTIL BACKFILL, BEDDING OR ENCASEMENT IS PLACED.
- BASE SPACERS ARE REQUIRED ON ALL BANKS OF MORE THAN FOUR CONDUITS.
- THE CONDUIT WILL BE OF AN APPROVED MAKE AND MANUFACTURE AS SET FORTH IN STANDARDS CD 115.
- TYPES:
 - "EB" (TYPE I) FOR ENCASED AND SEMI-CASED INSTALLATIONS
 - "DB" (TYPE II) FOR DIRECT BURIAL
- "SCH 40" RIGID PVC FOR INSIDE BORE CASINGS
- FOR GENERAL CONDUIT BANK, CONCRETE, AND TRENCHING REQUIREMENTS, SEE CD 100.
- INSTALL BARE COPPER NEUTRAL WIRE ONLY WHEN SPECIFIED ON WORKING DRAWING. FOR MAINLINE APPLICATIONS (INCLUDING 4-WIRE TAPLINES) WHEN THE NEUTRAL IS PRESENT ON AN OVERHEAD STRUCTURE THAT FEEDS A PRIMARY RISER, THE NEUTRAL SHALL BE CONTINUOUS TO THE FIRST UNDERGROUND STRUCTURE. A BARE COPPER NEUTRAL WIRE, AS SPECIFIED ON THE WORKING DRAWING, SHALL BE PLACED, AND FULLY ENCASED IN CONCRETE, AT THE LOWER REGION OF THE DUCT BANK, PREFERABLY IN-BETWEEN CONDUITS.
- CONCRETE ENCASEMENT WILL BE KEPT UNIFORM. EXCESSIVE AMOUNTS OF CONCRETE WILL BE AVOIDED.
- BEDDING WILL BE IN ACCORDANCE WITH CD 100.

TABLE CD 120-1: HORIZONTAL CONDUIT SPACING INTERVALS

CONDUIT SIZE	2"	3"	3-1/2"	4"	5"	6"
SPACING WITH ENCASEMENT	10"	10"		10"		
SPACING WITH NONENCASEMENT	10"	8"		6"		

NOTE(S):

- CONDUIT SECTIONS SHOULD HAVE NO MORE THAN EIGHT SIZE CONDUITS, AND NO CONDUIT SHOULD BE SURROUNDED ON FOUR SIDES BY OTHER CONDUITS.
- ANY CONDUIT SECTION WITH STACKED CONDUIT MUST BE BACKFILLED WITH BEDDING (SEE NOTE 4) OR ONE-SACK SAND SLURRY. (STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 201-11.2 MIX 100-4-100.)
- TWO-SACK CONCRETE ENCASEMENT PER CD 100 WILL BE USED IN JOINT TRENCH IN ORDER TO REDUCE TELSON CONDUIT CLEARANCES TO THREE INCHES MINIMUM PER THE ABOVE JOINT TRENCH SECTIONS. ONE-SACK SAND SLURRY IS NOT A SUBSTITUTE FOR ENCASEMENT CONCRETE.
- BEDDING MATERIAL WILL BE CLEAN SAND OR PEA GRAVEL. NATIVE MATERIALS MEETING THE REQUIREMENTS OF CD 100 ARE ONLY PERMITTED FOR THE NONSTACKED CONFIGURATION AND ARE NOT PERMITTED TO BED PADS AND RISERS AT BODIES.
- CONDUIT WILL BE TYPE 150" PER CD 110 AND WILL BE OF APPROVED MANUFACTURE PER CD 115. TYPE EB IS PERMITTED WHEN ENCASEMENT CONCRETE IS USED.
- WHERE BOTH RESIDENTIAL AND NONRESIDENTIAL CONDUIT ARE IN THE SAME TRENCH, THE REQUIREMENTS OF SCOPE CD 120.1 SHALL APPLY.
- SCOPE CD 120.1, SHEET 1 MAY BE USED FOR RESIDENTIAL CONSTRUCTION.
- USE TEMPORARY SUPPORTS EVERY EIGHT FEET TO MAINTAIN HORIZONTAL CONDUIT ALIGNMENT. REMOVE AFTER CONCRETE IS PLACED.

D70A: 10/26/20

D70: 10/26/20

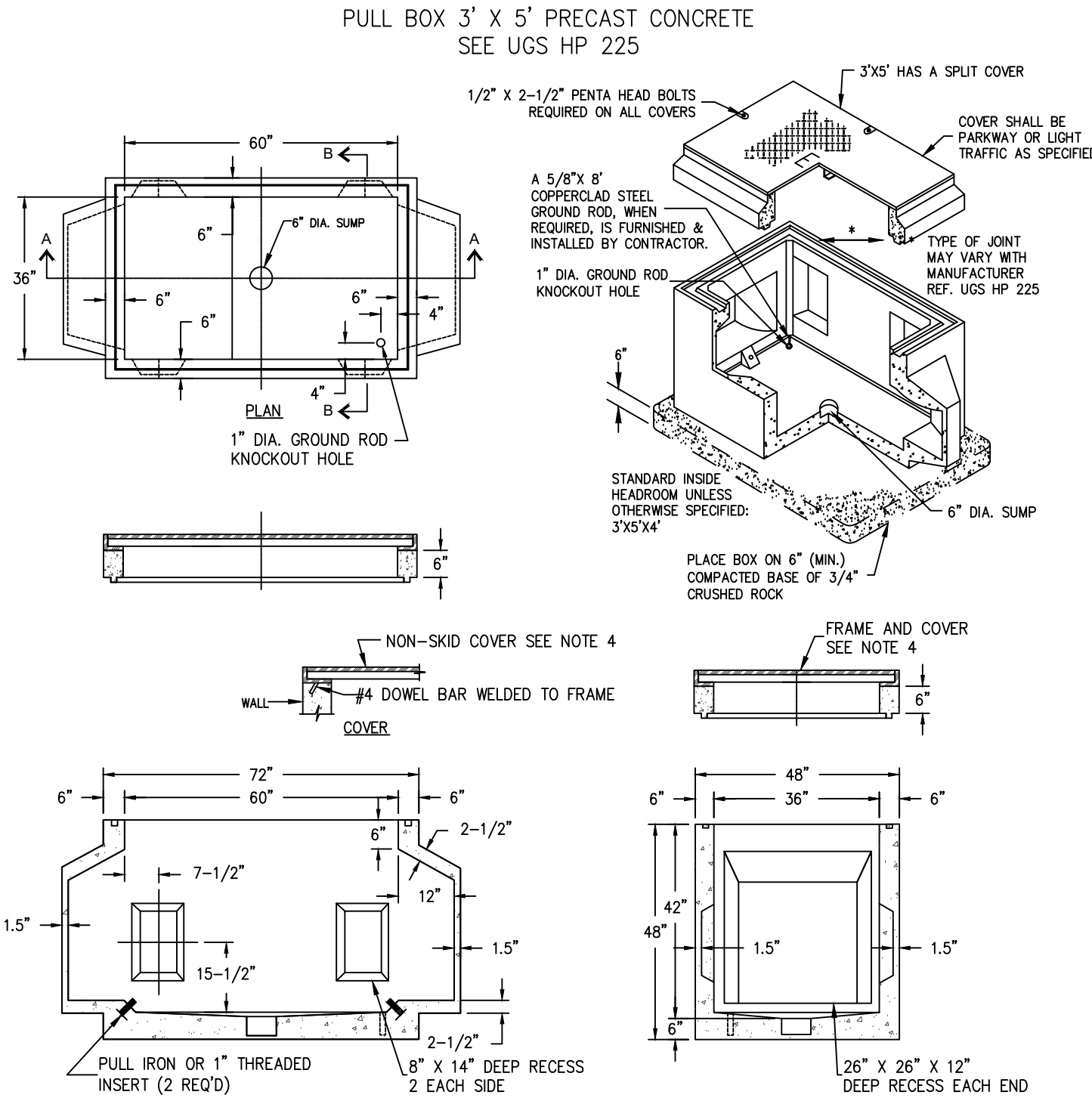
NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL

CITY OF ROLLING HILLS

TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB

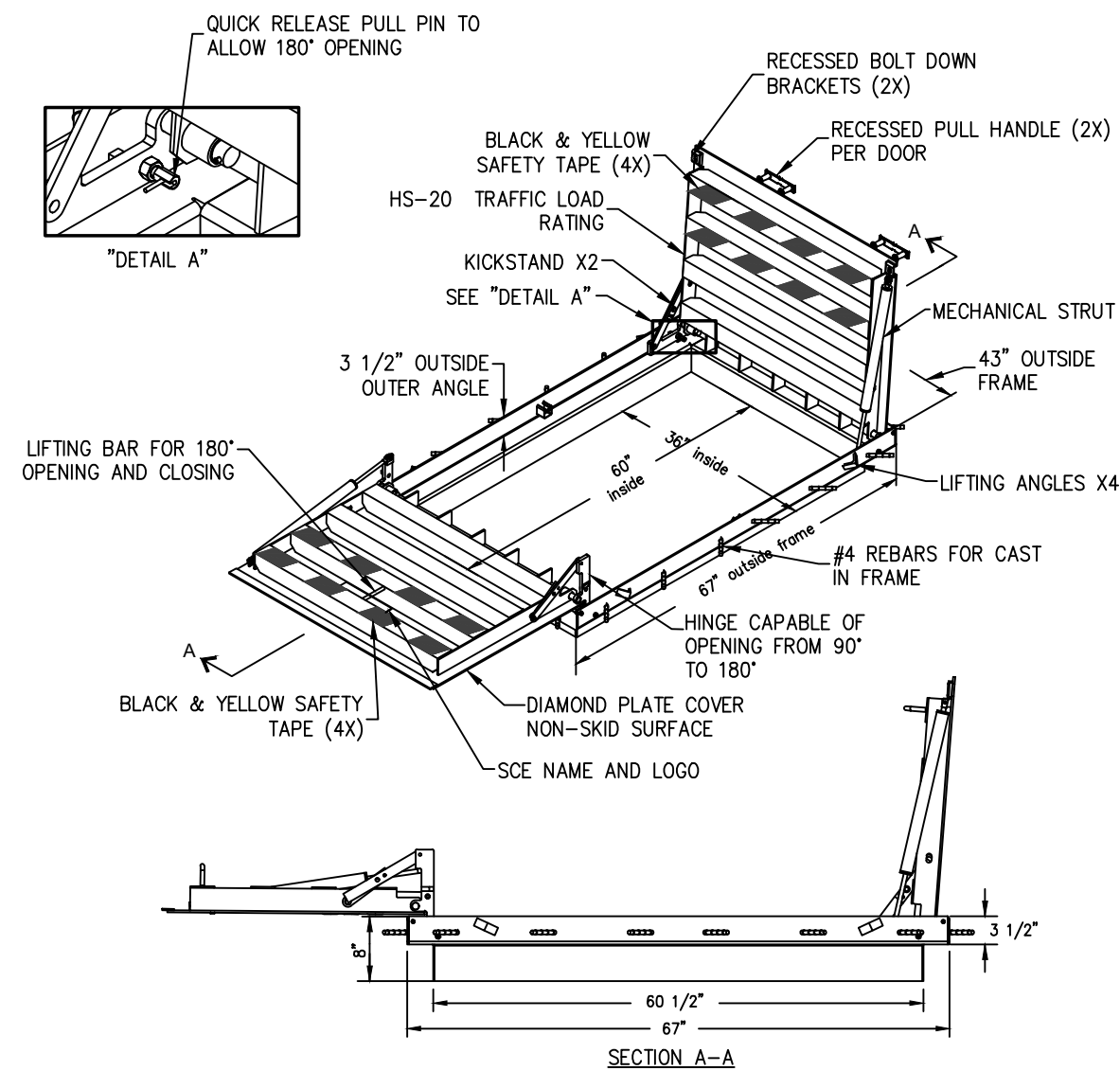
PULL BOX 4' X 6'-6" PRECAST CONCRETE
SEE UGS HP 228



- NOTE(S):
1. REINFORCEMENT:
H20-5 BRIDGE LOADING.
 2. CONCRETE:
CONCRETE SHALL BE CLASS "A" WITH 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI (MINIMUM). SLIGHT TAPER (3/4" IN DEPTH OF PULL BOX) AND 1" CHAMFER ON ALL INSIDE CORNERS PERMITTED FOR EASE OF FORMING.
 3. INSTALLATION:
PULL BOX SHALL BE PLACED ON 6" (MINIMUM) COMPACTED ROCK OR SAND BASE TO ENSURE UNIFORM DISTRIBUTION OF SOIL PRESSURE IN FLOOR. MINIMUM EXCAVATION FOR PULL BOX SHALL BE 52" X 97" X DEPTH TO SUIT JOB.
 4. COVERS:
SEE FC 612 AND FC 618 FOR PULL BOX COVERS.
 5. GRADE RINGS:
INSTALLING CONTRACTOR SHALL PROVIDE GRADE RINGS (6" MINIMUM) AS NECESSARY IN ORDER TO MAINTAIN COVER OVER CONDUITS PER SCE SPECIFICATIONS OR PERMIT AGENCY SPECIFICATIONS, WHICHEVER IS GREATER.
 6. PULL IRONS AND EYES:
SEE AC 729 FOR PULL IRONS AND AC 720 FOR PULL EYES.

D53C: Rev. 02/12/21

36" X 60" LIFT ASSIST STEEL PULL BOX COVER – FULL TRAFFIC
SEE UGS FC 615



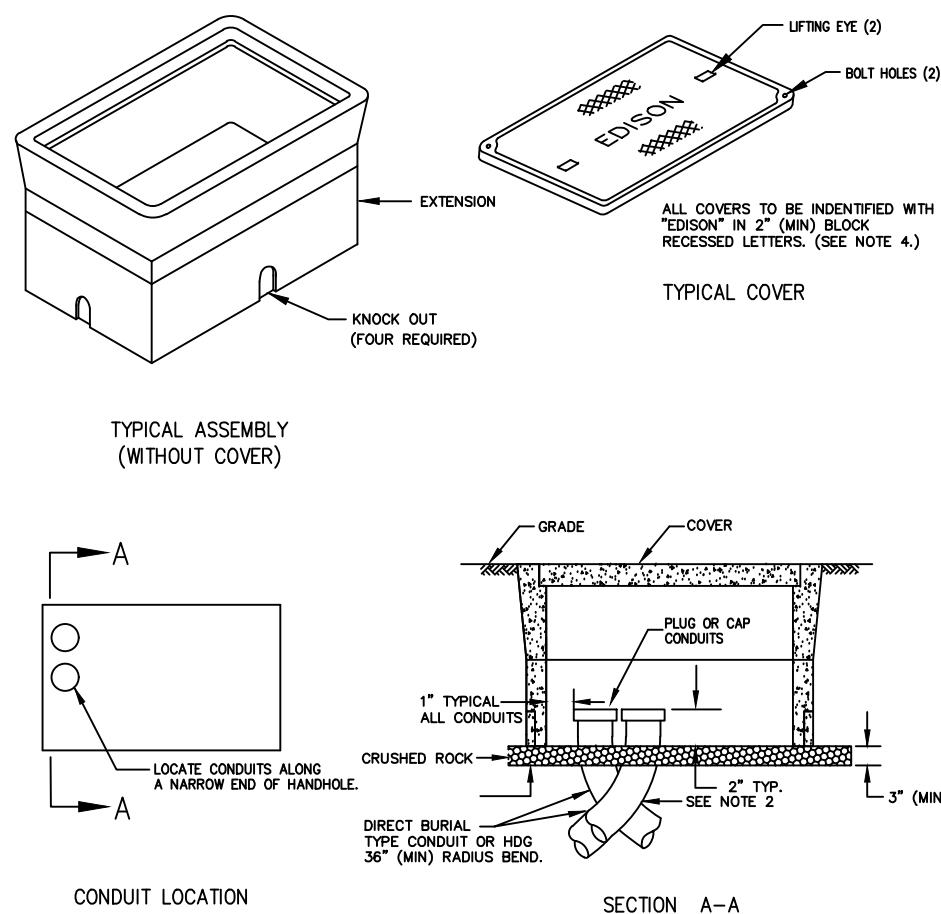
- COVER NOTES:
1. COVERS TO BE USED WITH FRAME. CLEARANCE BETWEEN COVER AND FRAME SHALL BE 3/16" ALL AROUND.
 2. FOUR (4) 1/2-13 NC X 1-1/2 PENTA HEAD STAINLESS STEEL BOLTS PER COVER.
 3. STEEL COVER PLATE SHALL BE ASTM A-36 MANUFACTURED WITH 1/4" THICK PLATE.
 4. COVER IS TO BE HOT-DIP GALVANIZED AFTER FABRICATION.
 5. ALL MANUFACTURER'S COVER TO BE INTERCHANGEABLE.

- FRAME NOTES:
1. STEEL FRAMES SHALL BE ASTM A-36.
 2. FRAMES SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.

- DESIGN CRITERIA:
1. ALL FRAMES AND SHAPES SHALL BE ASTM A-36.
 2. HS-20 LOAD CONDITION PER AASHTO AND ASTM C857.
 3. ASTM C 1802-18B, LOAD LEVEL 6.
 4. LOAD IMPACT: 30% MINIMUM.
 5. AWS E70-6 CO GAS SHIELDING WIRE.

D14G: Rev. 02/12/21

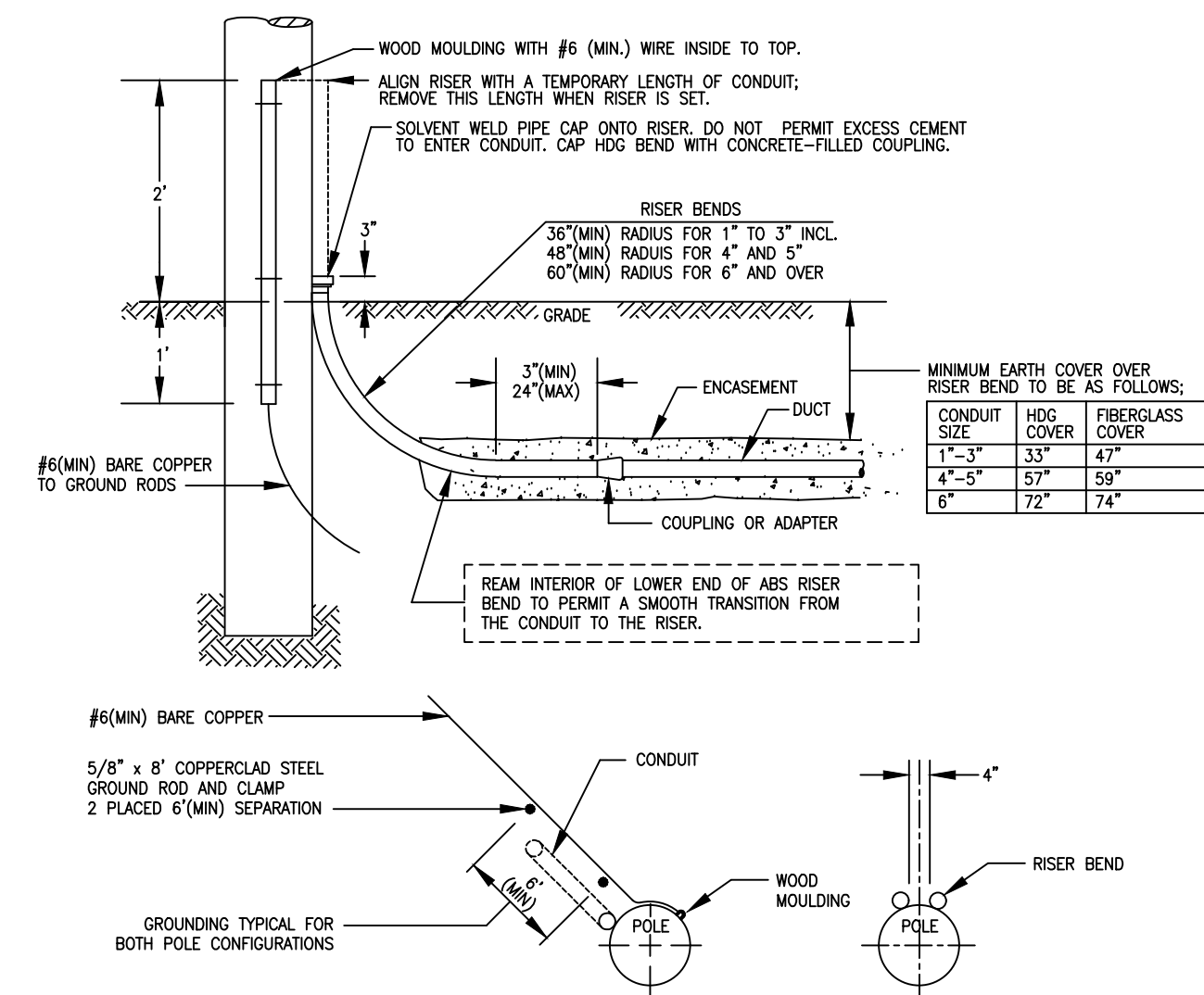
TYPICAL HANDHOLE INSTALLATION
SEE UGS HP 205



- NOTES:
1. SEE UGS HP 200 FOR DIMENSIONS OF VARIOUS SIZE HANDHOLES AVAILABLE.
 2. RADIUS ANGLE MAY BE REDUCED TO LESS THAN 90° PROVIDING THE PROJECTED CENTER LINE OF THE CONDUIT CLEARS HANDHOLE OPENING.
 3. TWO HOLD DOWN DEVICES TO BE SUPPLIED WITH EACH HANDHOLE.
 4. COVER SHALL BE IDENTIFIED WITH "EDISON" IN MINIMUM 2-INCH LETTERS OR LABELS PERMANENTLY SECURED TO THE U.D.
 5. FOR MAINTENANCE ON 10-1/2" X 17" CONCRETE HANDHOLES USE SWINGBOLT WITH SAP 10204721.

D75: REV. 03/18/19

POLE RISER BEND STANDARD LOCATION
SEE UGS CD 160



1. APPROVED RISER BENDS ARE SHOWN ON FOLLOWING TABLE:

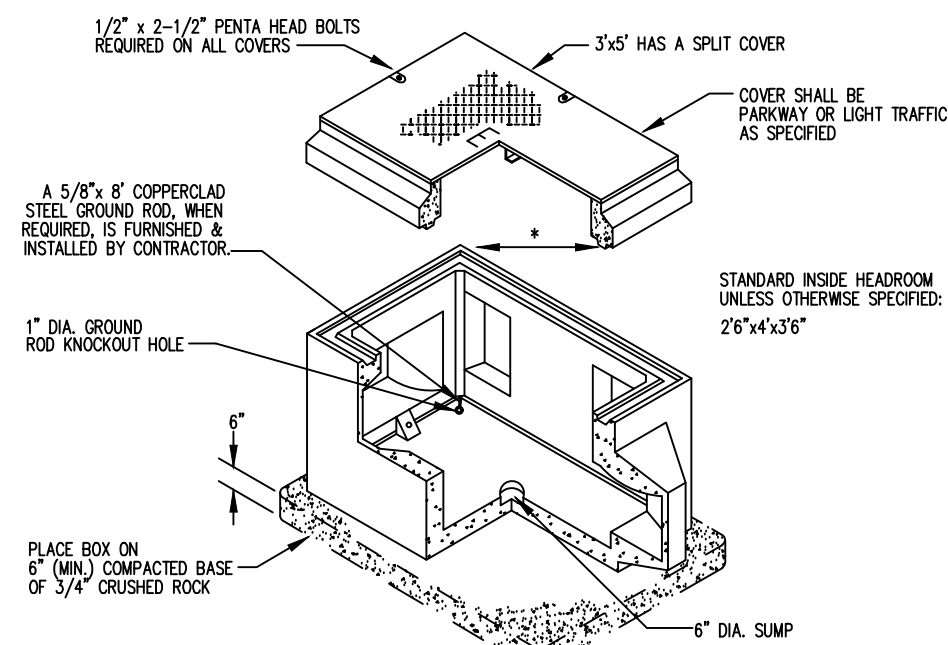
MATERIAL	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
HDG	-	-	-	-	-	-	-	-
FIBERGLASS	-	-	-	-	-	-	-	-
HDG	X	X	X	X	X	X	X	X

NOTE: 6" HDG OR FIBERGLASS RISER BEND SHALL BE USED WHEN SPECIFIED ON THE WORKING DRAWING. SEE UGS AC 702 FOR GROUNDING HDG RISER BENDS.

2. THE TOP AND BOTTOM OF 3", 4", 5" OR 6" FIBERGLASS BENDS ARE FURNISHED WITH PERMANENTLY ATTACHED PVC COUPLINGS. ALSO INCLUDED IS A 6" LONG 3", 4", 5" OR 6" SCHEDULE 80 PVC STUB-OUT, SOLVENT WELDED INTO THE TOP COUPLING. SEE UGS CD 168 FOR FIBERGLASS RISER BEND MATERIAL INFORMATION AND SUPPLIERS.
3. TWO GROUND RODS ARE REQUIRED AT ALL PRIMARY RISER POLES. DRIVE RODS IN TRENCH BOTTOM WITH 6" MINIMUM SEPARATION IN UNDISTURBED EARTH. LEAVE THE ROD TOPS 3" ABOVE THE TRENCH BOTTOM AND ATTACH CONTINUOUS GROUND WIRE WITH CLAMPS. EXTEND WIRE TO INDICATED LOCATION ON POLE AND STUB UP 2" ABOVE GRADE IN WOOD MOULDING. ALL GROUNDING MATERIALS FURNISHED BY CONTRACTORS. SEE UGS AC 703 FOR ENCASEMENT REQUIRED ONLY WHEN CALLED OUT ON WORKING DRAWING.
4. TWO RISERS MAY BE SUBSTITUTED FOR FIBERGLASS FOR STRAIGHT RUNS OF 150' OR LESS IN CONDUIT SIZES 4" AND UNDER.

D78: REV. 02/14/11

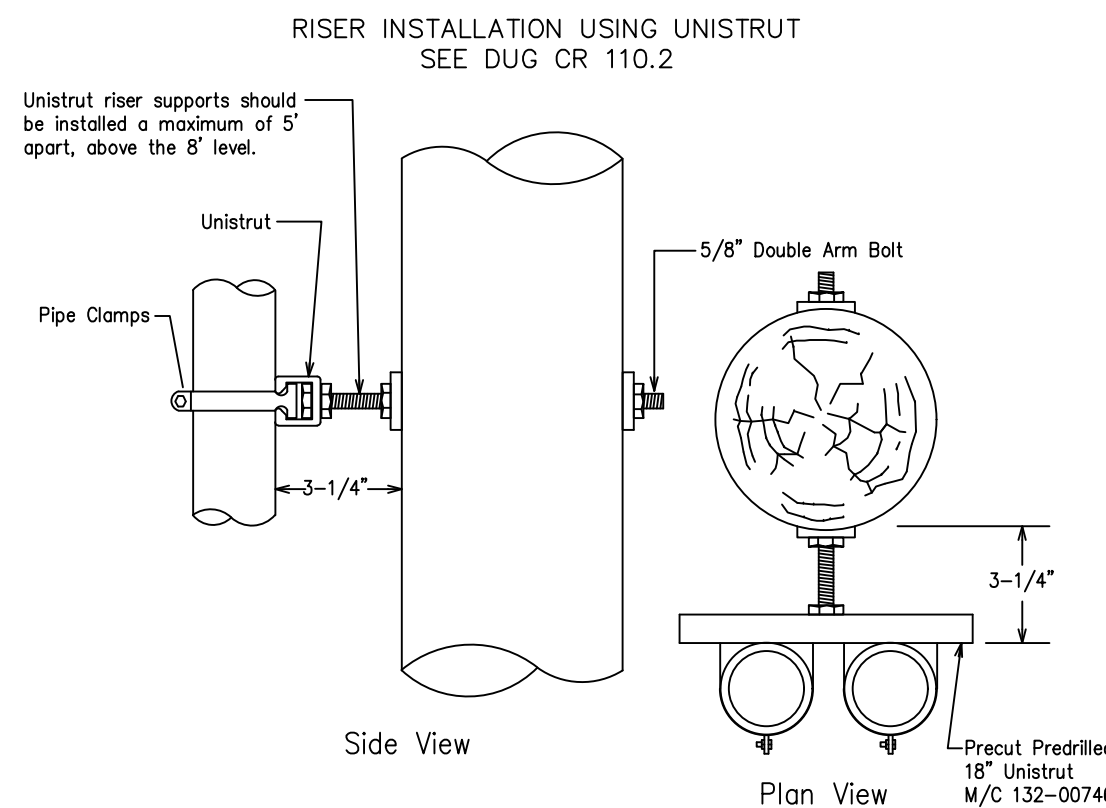
PRECAST CONCRETE PULL BOX WITH DEEP RECESSES
(2'-6" X 4')
SEE UGS HP 220



* TYPE OF JOINT MAY VARY WITH MANUFACTURER
REF: UGS HP 220

- NOTE(S):
1. REINFORCEMENT:
H20-5 BRIDGE LOADING.
 2. CONCRETE:
CONCRETE SHALL BE CLASS "A" WITH 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI (MINIMUM). SLIGHT TAPER (3/4" IN DEPTH OF PULL BOX) AND 1" CHAMFER ON ALL INSIDE CORNERS PERMITTED FOR EASE OF FORMING.
 3. INSTALLATION:
PULL BOX SHALL BE PLACED ON 6" (MINIMUM) COMPACTED ROCK OR SAND BASE TO ENSURE UNIFORM DISTRIBUTION OF SOIL PRESSURE IN FLOOR. MINIMUM EXCAVATION FOR PULL BOX SHALL BE 48" X 67" X DEPTH TO SUIT JOB.
 4. COVERS:
SEE FC 612 AND FC 618 FOR PULL BOX COVERS.
 5. GRADE RINGS:
INSTALLING CONTRACTOR SHALL PROVIDE GRADE RINGS (6" MINIMUM) AS NECESSARY IN ORDER TO MAINTAIN COVER OVER CONDUITS PER SCE SPECIFICATIONS OR PERMIT AGENCY SPECIFICATIONS, WHICHEVER IS GREATER.
 6. PULL IRONS AND EYES:
SEE AC 729 FOR PULL IRONS AND AC 720 FOR PULL EYES.
 7. SEE FC 616.
 8. SEE FC 606.

D53B: Rev. 10/26/20



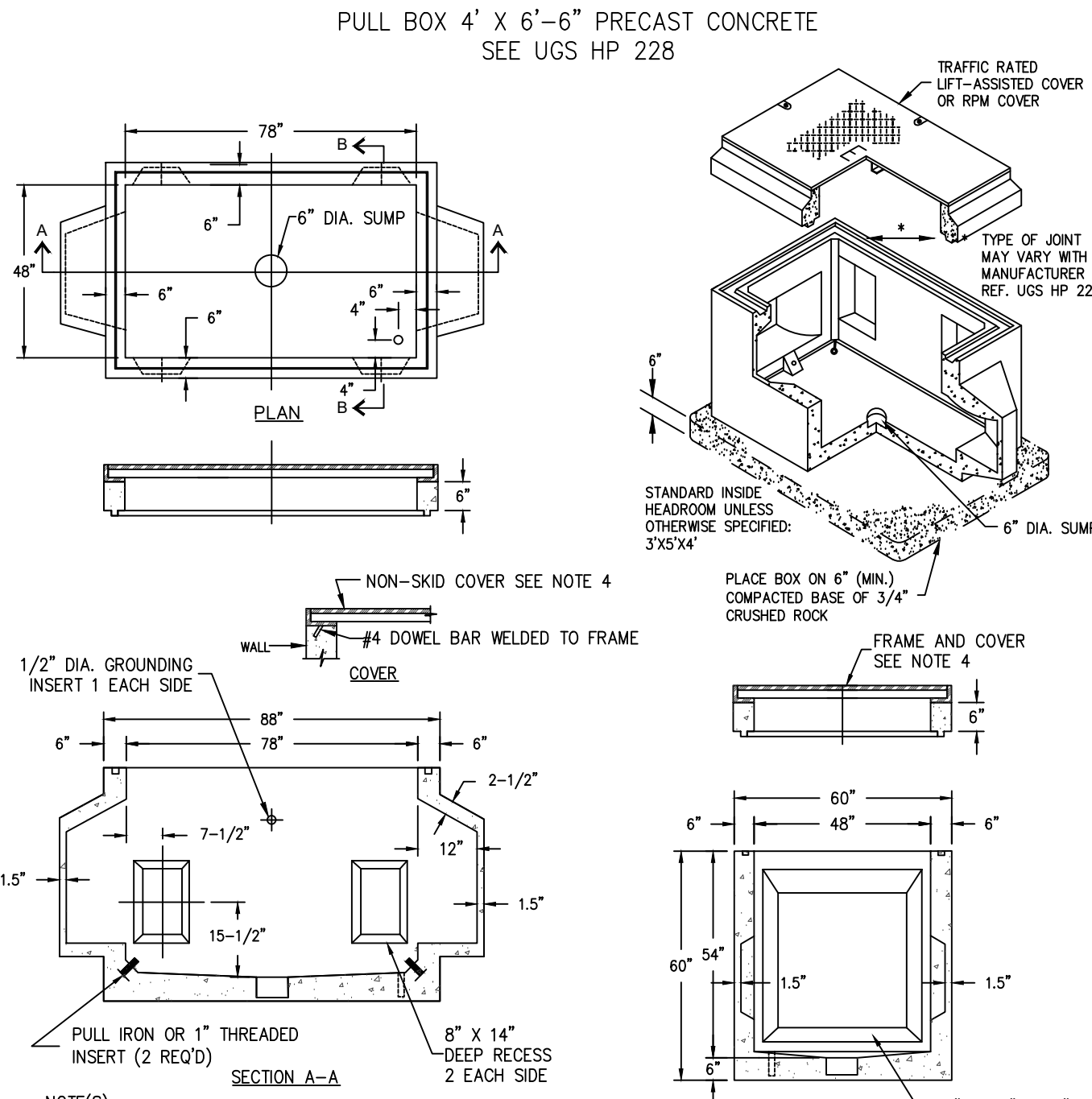
CONVENTIONAL RISER INSTALLATION

- NOTE(S):
1. All notes pertaining to Figure CR 110-1.1 (Sheet 1) construction on scope CR 110.1 also apply to risers supported by a unistrut.
 - 1.0 APPLICATION
The unistrut shown in Figure CR 110-5 (Sheet 3) is the preferred method where multiple risers are required.
 - 2.0 MATERIAL

TABLE CR 110-2: Unistrut Pipe Clamps

Conduit Size (in)	Material Code
1	622-04052
2	133-48248
2.5	133-48214
3	133-00025
4	133-00017
5	133-48008
6	132-00746

REF: DUG CR 110.2
D38: REV. 02/16/11



- NOTE(S):
1. STRUCTURAL DESIGN CRITERIA:
A. HS-20-44 LOADING PER ASTM C 857.
B. LIFT ASSIST STEEL COVER DESIGN SHALL MEET ASTM C1802 LOAD LEVEL 6 (FULL TRAFFIC).
 2. CONCRETE:
CONCRETE SHALL BE CLASS "A" WITH 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI. SLIGHT TAPER (3/4" IN DEPTH OF PULL BOX) AND 1" CHAMFER OF ALL INSIDE CORNERS PERMITTED FOR EASE OF FORMING.
 3. INSTALLATION:
PULL BOX SHALL BE PLACED ON MINIMUM OF 6" COMPACTED ROCK OR SAND BASE TO ENSURE UNIFORM DISTRIBUTION OF SOIL PRESSURE IN FLOOR. MINIMUM EXCAVATION FOR PULL BOX SHALL BE 84" X 114" X DEPTH TO SUIT THE JOB.
 4. COVERS:
SEE FC 616 FOR PULL BOX COVER. RPM COVER SHALL BE AVAILABLE AS AN OPTION. MINIMUM COVER COEFFICIENT OF FRICTION (COF) OF 0.70.
 5. GRADE RINGS:
INSTALLING CONTRACTOR SHALL PROVIDE GRADE RINGS (6" MINIMUM) AS NECESSARY IN ORDER TO MAINTAIN COVER OVER CONDUITS PER SCE SPECIFICATIONS OR PERMIT AGENCY SPECIFICATIONS, WHICHEVER IS GREATER.
 6. PULL IRONS AND EYES:
SEE AC 729 FOR PULL IRONS AND AC 720 FOR PULL EYES.

D139: REV. 02/12/21

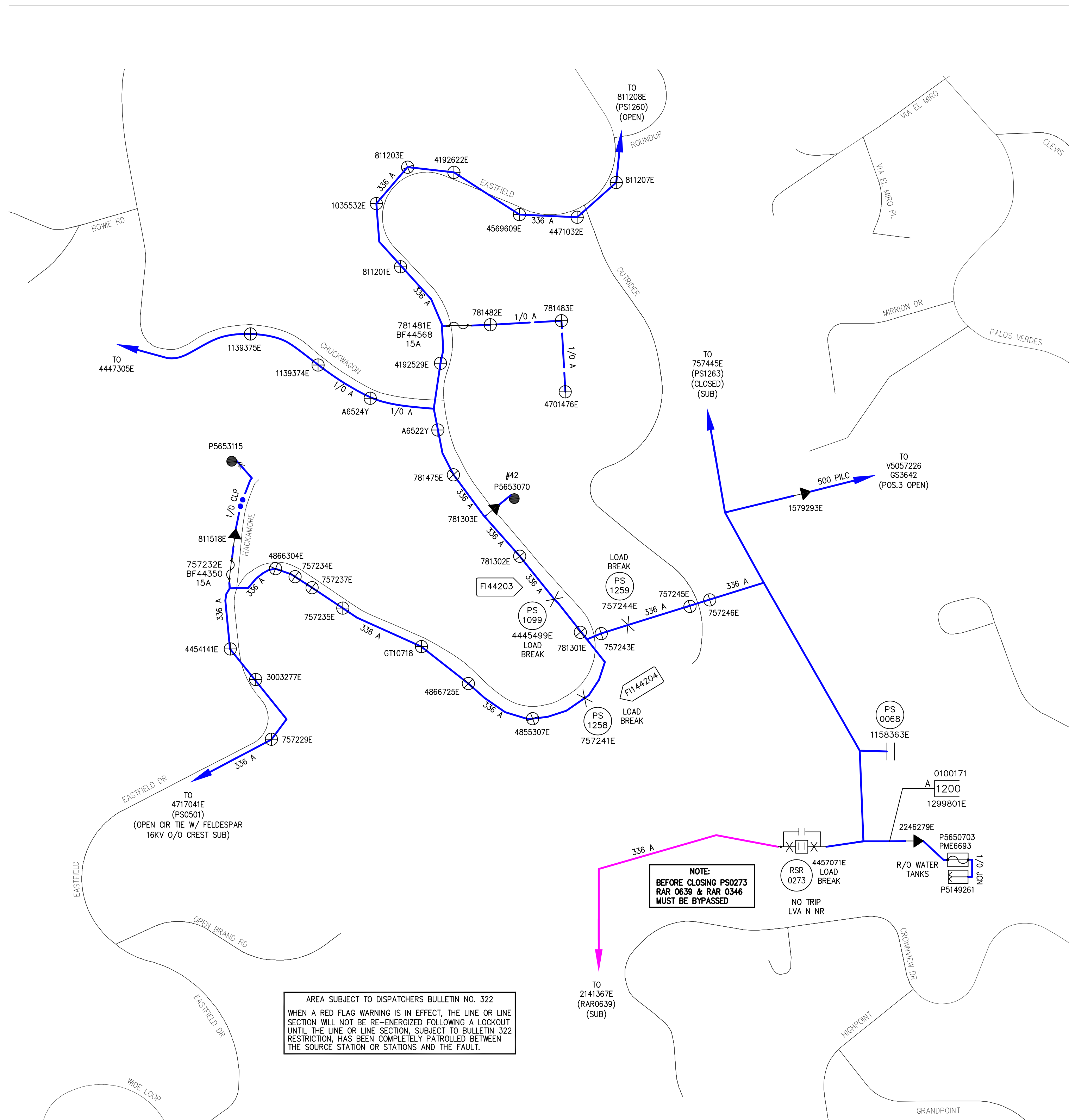


SCALE: 1" = 60'
0 60 120

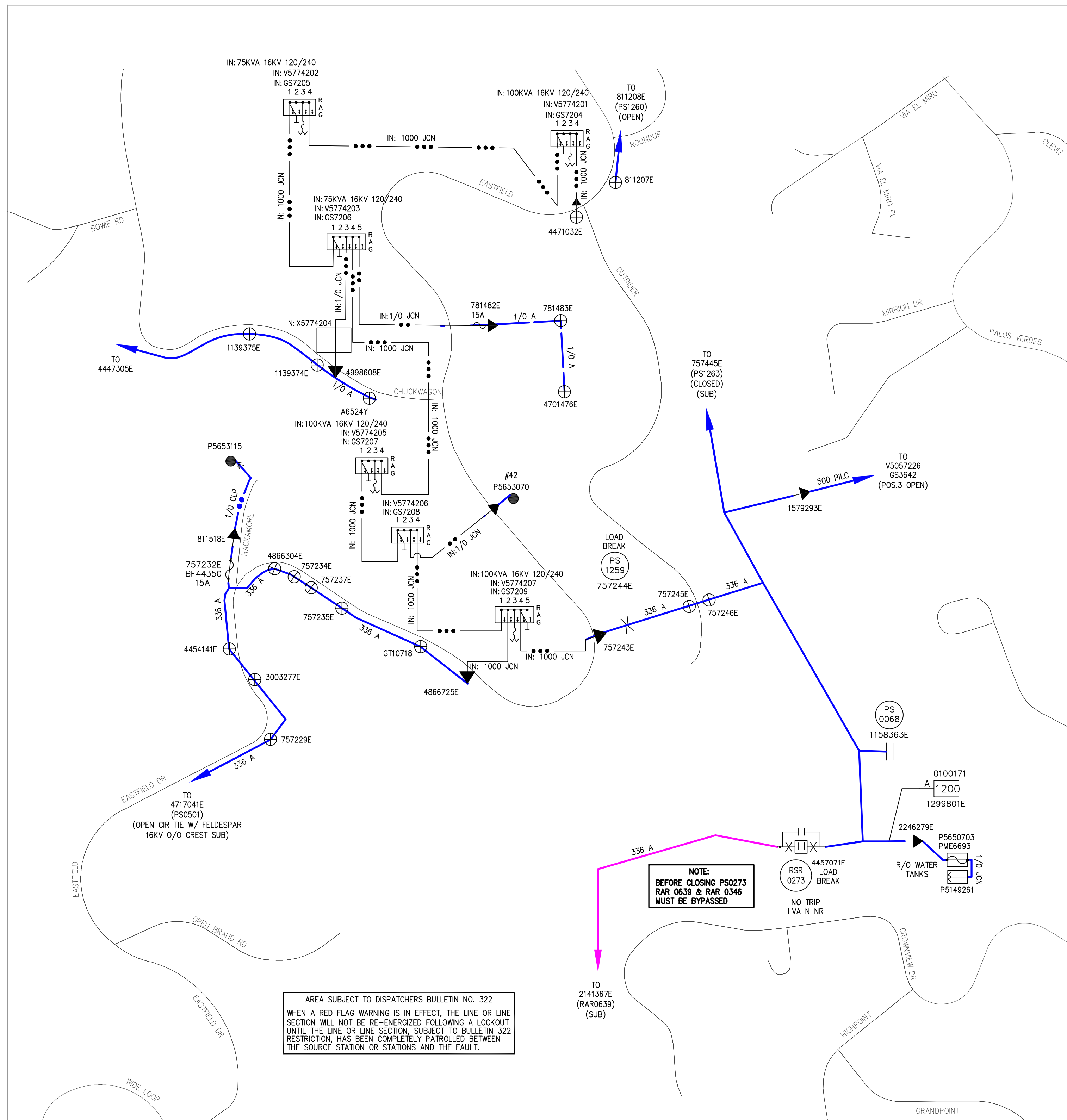
FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT 44 - SOUTH BAY	PROJ. MGR. WILLIAMS, JENNA J	PLANNER WILLIAMS, JENNA J	DESIGNER CHIN, ELIZABETH
PROJECT NO. 2612821	SERVICE REQUEST 13500715	MSR NO. 3106085194	PRODUCT-1 2111184-RULE 20B-UG INSTALL
CIRCUIT / VOLTAGE STATLER 16KV	GPS	PRODUCT-2	ASSOC DESIGN
SUB / PG NO. WALTERIA SUB	CIRCUIT CODE	PRODUCT-3	ASSOC DESIGN
INVENTORY MAP VARIOUS	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) RULE 20B	
		45 EASTFIELD DR	
		ROLLING HILLS CA 90274	
F 12/29/2023	MIDIA X	J WILLIAMS	E CHN 16484
F 11/28/2023	MIDIA X	J WILLIAMS	E CHN 16484
TYPE DATE	APPROVED BY	CHECKED BY	DRAWN BY PAX #
Southern California Edison Company			
SHEET 3 of 7			DESIGN/DRWG NO. 1608857_0.01

EXISTING SINGLE LINE
STATLER 16KV % WALTERIA SUB



PROPOSED SINGLE LINE
STATLER 16KV % WALTERIA SUB



DISTRICT 44 - SOUTH BAY		PROJ. MGR. WILLIAMS, JENNA J 3106085194		PLANNER WILLIAMS, JENNA J 3106085194		DESIGNER CHIN, ELIZABETH	
PROJECT NO. SERVICE REQUEST 2612821 3500715		MSR NO. 2111184-RULE 20B-UG INSTALL		ASSOC. DESIGNER		ASSOC. DESIGNER	
GROUT / VOLUME STAYLER 18KV		GPS		ASSOC. DESIGNER		ASSOC. DESIGNER	
SUB / PG NO. WALTERIA SUB		GROUT CODE		PRODUCT-3		ASSOC. DESIGNER	
INVENTORY MAP VARIOUS		J.P.A. NO.		PROPOSED CONSTRUCTION (LOCATION) RULE 20B 45 EASTFIELD DR ROLLING HILLS CA 90274			
F 12/29/2023 MIDULA K J WILLIAMS E CHN 16484		P 11/28/2023 MIDULA K J WILLIAMS E CHN 16484					
TYPE DATE APPROVED BY		CHECKED BY		DRAWN BY		PAX #	
Southern California Edison Company						SHEET 4 OF 7	
						DESIGN/DWG. NO. 1608857_0.01	

NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL

CITY OF ROLLING HILLS
TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB

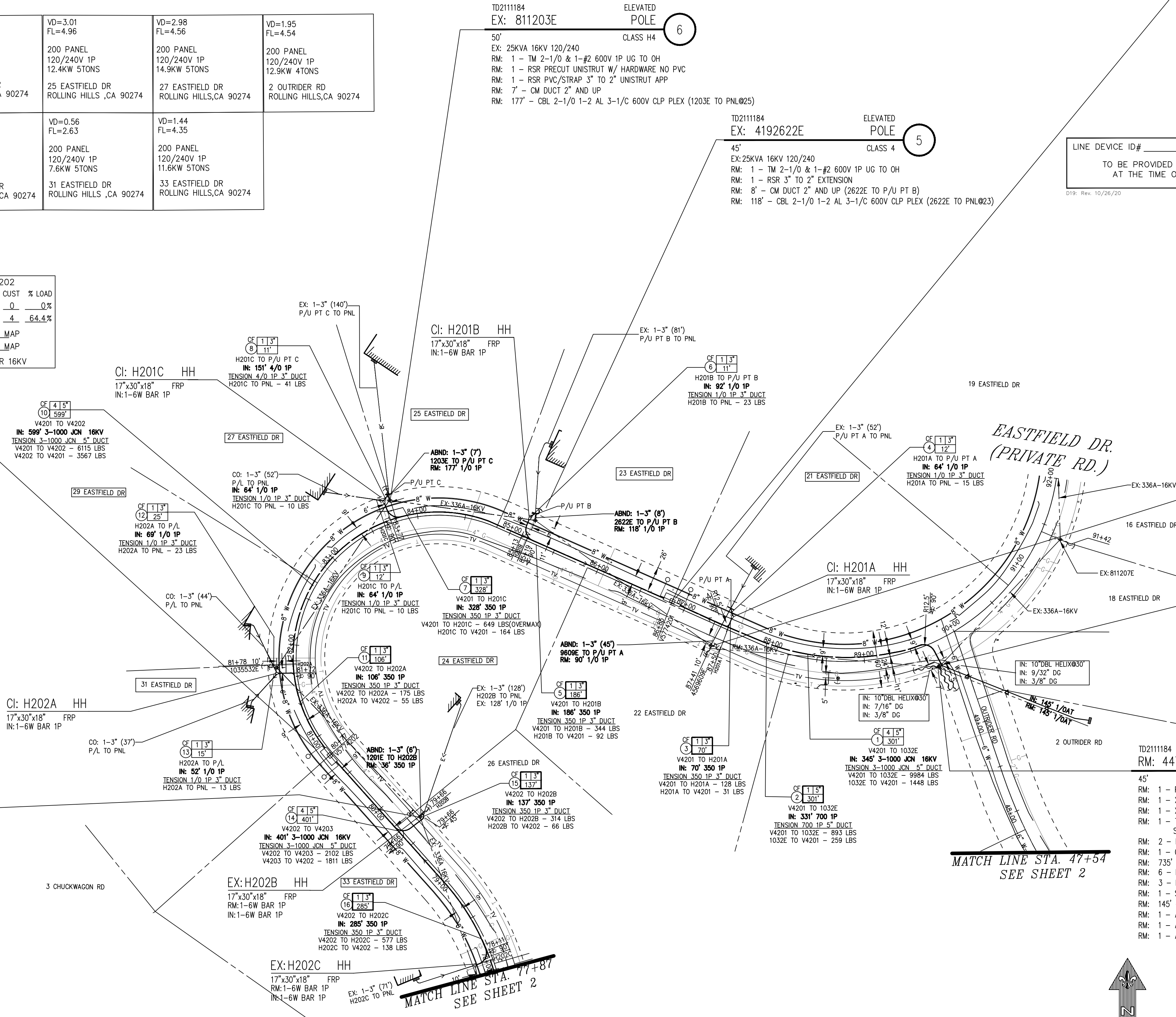
V5774201	VD=1.1 FL=2.58 200 PANEL 120/240V 1P 17.1KW STONS 21 EASTFIELD DR ROLLING HILLS, CA 90274	VD=3.5 FL=4.03 200 PANEL 120/240V 1P 30.5KW STONS 23 EASTFIELD DR ROLLING HILLS, CA 90274	VD=3.01 FL=4.96 200 PANEL 120/240V 1P 12.4KW STONS 25 EASTFIELD DR ROLLING HILLS, CA 90274	VD=2.98 FL=4.56 200 PANEL 120/240V 1P 14.9KW STONS 27 EASTFIELD DR ROLLING HILLS, CA 90274	VD=1.95 FL=4.54 200 PANEL 120/240V 1P 12.9KW 4-TONS 2 OUTRIDER RD ROLLING HILLS, CA 90274
V5774202	VD=0.97 FL=4.63 200 PANEL 120/240V 1P 7.6KW STONS 24 EASTFIELD DR ROLLING HILLS, CA 90274	VD=0.38 FL=3.22 200 PANEL 120/240V 1P 2.3KW 2TONS 29 EASTFIELD DR ROLLING HILLS, CA 90274	VD=0.56 FL=2.63 200 PANEL 120/240V 1P 7.6KW STONS 31 EASTFIELD DR ROLLING HILLS, CA 90274	VD=1.44 FL=4.35 200 PANEL 120/240V 1P 11.6KW STONS 33 EASTFIELD DR ROLLING HILLS, CA 90274	

LINE DEVICE ID# GS7205
TO BE PROVIDED BY DISTRICT
AT THE TIME OF INSTALL

T.L.M. DATA: 5774202
SIZE KVA CUST % LOAD
EXIST. 0 0 0 0
PROP. 75 32.2 4 64.4
VOLTAGE DROP: SEE MAP
FLICKER FACTOR: SEE MAP
PRI. CIRCUIT: STATLER 16KV
027: REV. 12/10/21

TD2111184
CI: V5774202
VAULT
7'x18'x8'
VENTS REQUIRED
CI: 1 - S V 7'x18'x8' TUB 2-PIECE
CF: 1 - SS TAX EXCV CST FOR VLT
IN: 2 - JJ 3-DBE 1000 600A
IN: 2 - JJ DBE 1/0 200A W/BUSH EXT 1/0 600A
IN: 4 - JJ DE DB RPT INS W/TST PNT 600A
IN: 1 - SL CBL RACK STL 30" FOR VLT/MH
IN: 1 - SW UG SF6 LB RAG 4-WY 600A 17.5KV
LINE DEVICE ID:
IN: 1 - TR UG BT MC F DE 75KVA 16KV 120/240 1P+
SN:
CF: 1604' - CM DUCT 5" (V4202 TO V4203)
CF: 401' - CM DUCT FOR EXCAVATION (V4202 TO V4203)
IN: 1203' - CBL 1000 AL 1-1/C 17KV CLP PJ (V4202 TO V4203)
MI: 240' - CBL 1000 AL 1-1/C 17KV CLP PJ
CI: 1 - S HH POLY 17'x30'x18" LT TRAFFIC (H202A)
CF: 1 - SS TAX EXCV CST FOR PLASTIC HH (H202A)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H202A)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H202B)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H202C)
CF: 137' - CM DUCT 2 1/2" TO 4" (V4202 TO H202B)
CF: 285' - CM DUCT 2 1/2" TO 4" (V4202 TO H202C)
CF: 106' - CM DUCT 2 1/2" TO 4" (V4202 TO H202A)
CF: 33' - CM DUCT FOR EXCAVATION (V4202 TO H202B)
CF: 16' - CM DUCT FOR EXCAVATION (V4202 TO H202C)
CF: 16' - CM DUCT FOR EXCAVATION (V4202 TO H202A)
IN: 106' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4202 TO H202A)
MI: 106' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX
IN: 137' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4202 TO H202B)
IN: 285' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4202 TO H202C)
CF: 25' - CM DUCT 2 1/2" TO 4" (H202A TO P/LØ29)
CF: 15' - CM DUCT 2 1/2" TO 4" (H202A TO P/LØ31)
CF: 25' - CM DUCT FOR EXCAVATION (H202A TO P/LØ29)
CF: 15' - CM DUCT FOR EXCAVATION (H202A TO P/LØ31)
IN: 69' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H202A TO PNLØ29)
MI: 24' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX
IN: 52' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H202A TO PNLØ31)

TD2111184
EX: 811201E
ELEVATED POLE
CLASS 4
45'
EX: 25KVA 16KV 120/240
RM: 1 - TM 2-350 & 1-4/0 600V 1P UG TO OH
RM: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H202B)
RM: 1 - RSR 3" TO 2" EXTENSION
RM: 6' - CM DUCT 2" AND UP (1201E TO H202B)
RM: 36' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (1201E TO H202B)



T.L.M. DATA: 5774201
SIZE KVA CUST % LOAD
EXIST. 0 0 0 0
PROP. 100 97.5 5 97.5
VOLTAGE DROP: SEE MAP
FLICKER FACTOR: SEE MAP
PRI. CIRCUIT: STATLER 16KV
027: REV. 12/10/21

LINE DEVICE ID# GS7204
TO BE PROVIDED BY DISTRICT
AT THE TIME OF INSTALL

TD2111184
CI: V5774201
VAULT
7'x18'x8'
TUB STYLE 4
VENTS REQUIRED
CI: 1 - S V 7'x18'x8' TUB 2-PIECE
CF: 1 - SS TAX EXCV CST FOR VLT
IN: 2 - JJ 3-DBE 1000 600A
IN: 2 - JJ DBE 1/0 200A W/BUSH EXT 1/0 600A
IN: 4 - JJ DE DB RPT INS W/TST PNT 600A
IN: 1 - SL CBL RACK STL 30" FOR VLT/MH
IN: 1 - CNN PTAIL STRT FOR 100A METER 4/0 1P
IN: 1 - SW UG SF6 LB RAG 4-WY 600A 17.5KV
LINE DEVICE ID:
IN: 1 - TR UG BT MC F DE 100KVA 16KV 120/240 1P+
SN:

CF: 2396' - CM DUCT 5" (V4201 TO V4202)
CF: 599' - CM DUCT FOR EXCAVATION (V4201 TO V4202)
IN: 1797' - CBL 1000 AL 1-1/C 17KV CLP PJ (V4201 TO V4202)
MI: 360' - CBL 1000 AL 1-1/C 17KV CLP PJ
CI: 1 - S HH POLY 17'x30'x18" LT TRAFFIC (H201A)
CI: 1 - S HH POLY 17'x30'x18" LT TRAFFIC (H201B)
CI: 1 - S HH POLY 17'x30'x18" LT TRAFFIC (H201C)
CF: 3 - SS TAX EXCV CST FOR PLASTIC HH
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H201A)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H201B)
CF: 70' - CM DUCT 2 1/2" TO 4" (V4201 TO H201A)
CF: 186' - CM DUCT 2 1/2" TO 4" (V4201 TO H201B)
CF: 328' - CM DUCT 2 1/2" TO 4" (V4201 TO H201C)
CF: 301' - CM DUCT 5" (1032E TO V4201)
CF: 9' - CM DUCT FOR EXCAVATION (V4201 TO H201A)
CF: 19' - CM DUCT FOR EXCAVATION (V4201 TO H201B)
CF: 19' - CM DUCT FOR EXCAVATION (V4201 TO H201C)
IN: 186' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4201 TO H201B)
MI: 138' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX
IN: 328' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4201 TO H201C)
IN: 70' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4201 TO H201A)
IN: 331' - CBL (2) 700, (1) 350 600V CLP PLEX (1032E TO V4201)
MI: 49' - CBL (2) 700, (1) 350 600V CLP PLEX
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H201C)
CF: 12' - CM DUCT 2 1/2" TO 4" (H201A TO P/U PT A)
CF: 11' - CM DUCT 2 1/2" TO 4" (H201B TO P/U PT B)
CF: 11' - CM DUCT 2 1/2" TO 4" (H201C TO P/U PT C)
CF: 12' - CM DUCT 2 1/2" TO 4" (H201C TO P/LØ27)
CF: 12' - CM DUCT FOR EXCAVATION (H201A TO P/U PT A)
CF: 11' - CM DUCT FOR EXCAVATION (H201B TO P/U PT B)
CF: 11' - CM DUCT FOR EXCAVATION (H201C TO P/U PT C)
CF: 12' - CM DUCT FOR EXCAVATION (H201C TO P/LØ27)
IN: 64' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H201A TO PNLØ21)
MI: 44' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX
IN: 64' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H201C TO PNLØ27)
IN: 151' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX (H201C TO PNLØ25)
MI: 30' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX
IN: 92' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H201B TO PNLØ23)

TD2111184
EX: 4569609E
ELEVATED POLE
CLASS 3
45'
RM: 1 - TM 2-1/0 & 1-#2 600V 1P UG TO OH
RM: 1 - RSR 3" TO 2" EXTENSION
RM: 45' - CM DUCT 2" AND UP (9609E TO P/U PT A)
RM: 90' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (9609E TO P/U PT A)

TD2111184
IN: 4471032E
ELEVATED POLE
CLASS 3
55'
IN: 1 - POLE 55' CL 3 WD FT /W PROT BARR WF
IN: 1 - RSR PRECUT UNISTRUT W/ HARDWARE NO PVC
IN: 1 - SEC ROLLER (166-CLEVIS & SPOOL)
IN: 1 - TM 2-700 & 1-350 600V 1P UG TO OH
IN: 1 - XA DBL HD DE COMP 10'
IN: 1 - PH CS 10' XA 16KV 3P 3-1000
IN: 1 - SA HFA POLY NON XFMR 16KV
IN: 2 - SA HFA POLY 16KV
IN: 1 - RSR PVC/STRAP 5" UNISTRUT APP
CF: 1204' - CM DUCT 5" (1032E TO V4201)
CF: 301' - CM DUCT FOR EXCAVATION (1032E TO V4201)
IN: 1035' - CBL 1000 AL 1-1/C 17KV CLP PJ (1032E TO V4201)
MI: 207' - CBL 1000 AL 1-1/C 17KV CLP PJ
IN: 3 - INS POLY DE 16KV HOT SHOE 336 ACSR
IN: 1 - RSR PVC/STRAP 3" UNISTRUT APP
IN: 145' - CD 1/0 STR AL TRIPLEX W/ACSR NEUTRAL
IN: 2 - AG DOWN GUY 3/8" - 50' LESS THAN 22.5KV
IN: 1 - AG DOWN GUY 7/16" - 50' LESS THAN 22.5KV
IN: 1 - AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
IN: 2 - AG SCREW ANCHOR 10" DOUBLE HELIX

TD2111184
RM: 4471032E
ELEVATED POLE
CLASS 2
45'
RM: 1 - POLE 45' CLASS 2 WOOD FULL TREAT
RM: 1 - XA DBL VB 10' STEEL PINS
RM: 1 - XA SNGL FB 10' STEEL PINS
RM: 1 - TR OH 25KVA 16KV 120/240 1P
SN:
RM: 2 - FE FH SMD20 17" 200A 16KV 1-EA
RM: 1 - GR OH #6 SOL WP SECONDARY W/ROD
RM: 735' - CD 336 STR AL BARE ACSR NON-GREASED
RM: 6 - INS POLY DE 16KV HOT SHOE 336 ACSR
RM: 3 - INS POLY W/PIN 16KV CLMP #4-653 ACSR
RM: 1 - SEC ROLLER (166-CLEVIS & SPOOL)
RM: 145' - CD 1/0 STR AL TRIPLEX W/ACSR NEUTRAL
RM: 1 - AG DOWN GUY 3/8" - 50' LESS THAN 22.5KV
RM: 1 - AG DOWN GUY 7/16" - 50' LESS THAN 22.5KV
RM: 1 - AG ANCHOR ROD 3/4" x 8' 2-EYE W/PLATE



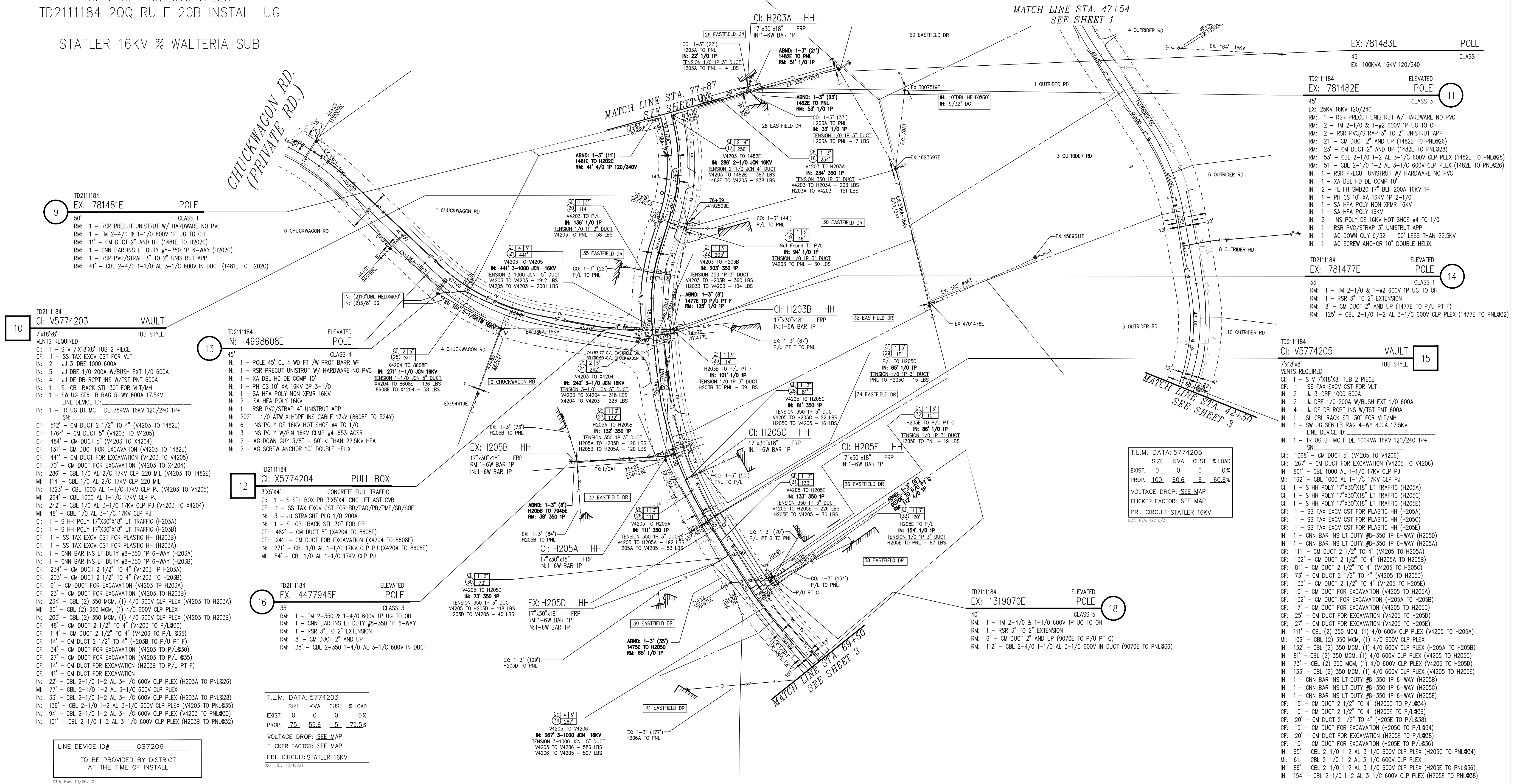
SCALE: 1" = 60'

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT 44 - SOUTH BAY	PROJ. MGR. WILLIAMS, JENNA J	PLANNER WILLIAMS, JENNA J	DESIGNER CHIN, ELIZABETH
PROJECT NO. 2612821	SERVICE REQUEST 3500715	MSR NO. 2111184-RULE 20B-UG INSTALL	ASSOC DESIGN
CIRCUIT / VOLTAGE STATLER 16KV	GPS	PRODUCT-1	ASSOC DESIGN
SUB / PG NO. WALTERIA SUB	CIRCUIT CODE	PRODUCT-2	ASSOC DESIGN
INVENTORY MAP VARIOUS	J.P.A. NO.	PRODUCT-3	
PROPOSED CONSTRUCTION (LOCATION)			
RULE 20B			
45 EASTFIELD DR			
ROLLING HILLS CA 90274			
F 12/29/2023	MIDELA X	J WILLIAMS	E CHN 16484
P 11/28/2023	MIDELA X	J WILLIAMS	E CHN 16484
DATE	APPROVED BY	CHECKED BY	DRAWN BY
			PAX #
Southern California Edison Company			
SHEET 5 of 7			DESIGN/DRWG NO. 1608857_0.01

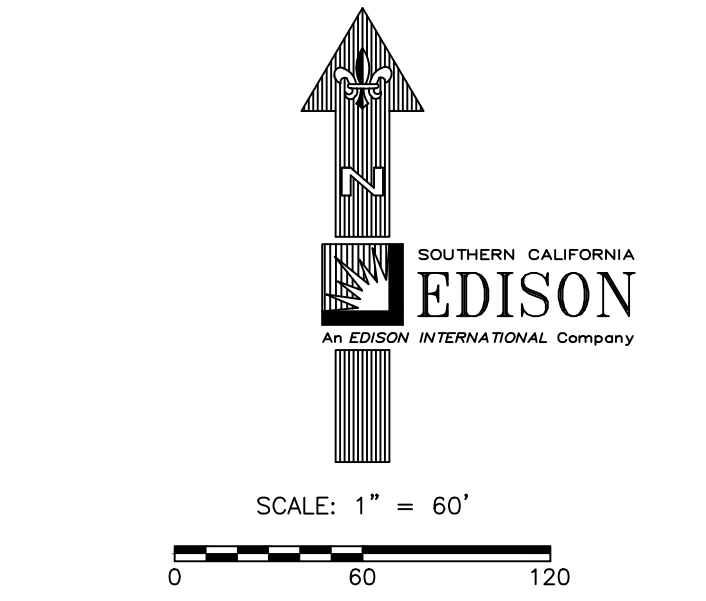
CITY OF ROLLING HILLS
TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB



V5774203	VD=1.84 FL=3.26 200 PANEL 120/240V 1P 16.6KW STONS 26 EASTFIELD DR ROLLING HILLS, CA 90274	VD=1.82 FL=3.21 200 PANEL 120/240V 1P 10KW STONS 28 EASTFIELD DR ROLLING HILLS, CA 90274	VD=0.31 FL=2.93 200 PANEL 120/240V 1P 4.5KW STONS 30 EASTFIELD DR ROLLING HILLS, CA 90274	VD=0.7 FL=4.6 200 PANEL 120/240V 1P 5.6KW STONS 32 EASTFIELD DR ROLLING HILLS, CA 90274	VD=1.68 FL=3.75 200 PANEL 120/240V 1P 17KW STONS 35 EASTFIELD DR ROLLING HILLS, CA 90274
V5774205	VD=1.04 FL=4.07 200 PANEL 120/240V 1P 4.9KW STONS 2 CHUCKWAGON RD ROLLING HILLS, CA 90274	VD=0.91 FL=2.7 200 PANEL 120/240V 1P 13.3KW STONS 34 EASTFIELD DR ROLLING HILLS, CA 90274	VD=1.23 FL=3.51 200 PANEL 120/240V 1P 12.7KW STONS 36 EASTFIELD DR ROLLING HILLS, CA 90274	VD=1.26 FL=4.28 200 PANEL 120/240V 1P 7.8KW STONS 37 EASTFIELD DR ROLLING HILLS, CA 90274	VD=0.44 FL=4.85 200 PANEL 120/240V 1P 15.9KW STONS 38 EASTFIELD DR ROLLING HILLS, CA 90274

NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL



FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT 44 - SOUTH BAY		PROJ. MGR. WILLIAMS, JENNA J PHONE 714-450-7842	PLANNER WILLIAMS, JENNA J PHONE 310-700-6086	DESIGNER CHIN, ELIZABETH	ASSOC DESIGN
PROJECT NO. 2612821	SERVICE REQUEST 3500715	MSR NO.	PRODUCT-1 2111184-RULE 20B-UG INSTALL		ASSOC DESIGN
CIRCUIT / VOLTAGE STATLER 16KV		GPS	PRODUCT-2		ASSOC DESIGN
SUB / PG NO. WALTERIA SUB		CIRCUIT CODE	PRODUCT-3		ASSOC DESIGN
INVENTORY MAP VARIOUS	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) RULE 20B 45 EASTFIELD DR ROLLING HILLS CA 90274			
F 12/29/2023	MIDIA K	J WILLIAMS	E CHIN	16484	
P 11/28/2023	MIDIA K	J WILLIAMS	E CHIN	16484	
TYPE DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET
Southern California Edison Company					6 of 7
1608857_0.01					

NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL

CITY OF ROLLING HILLS
TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB



SCALE: 1" = 60'
0 60 120

P5653070	VD=1.38 FL=3.58 200 PANEL 120/240V 1P 20KW STONS 40 EASTFIELD DR ROLLING HILLS ,CA 90274	VD=0.47 FL=3.88 200 PANEL 120/240V 1P 5.9KW STONS 41 EASTFIELD DR ROLLING HILLS ,CA 90274		X5657648	VD=0 100 PED-GEN 120/240V 1P 0KW 2TONS 46 EASTFIELD W/CHKWGN PED ROLLING HILLS ,CA 90274	VD=0
V5774207	VD=0.94 FL=4.18 200 PANEL 120/240V 1P 8KW STONS 9 OUTRIDER RD ROLLING HILLS,CA 90274	VD=1.87 FL=3.66 200 PANEL 120/240V 1P 18.3KW STONS 13 OUTRIDER RD ROLLINGS HILLS,CA 90274	VD=2.42 FL=4.96 200 PANEL 120/240V 1P 14.8KW STONS 24 OUTRIDER RD ROLLING HILLS DR,CA 90274	VD=0.92 FL=4.54 200 PANEL 120/240V 1P 7KW STONS 42 EASTFIELD DR ROLLING HILLS ,CA 90274	VD=0.32 FL=3.01 200 PANEL 120/240V 1P 9.9KW STONS 44 EASTFIELD DR ROLLING HILLS ,CA 90274	VD=1.19 FL=2.99 200 PANEL 120/240V 1P 9.9KW STONS 46 EASTFIELD DR L97 ROLLING HILLS ,CA 90274

LINE DEVICE ID# GS7208
TO BE PROVIDED BY DISTRICT
AT THE TIME OF INSTALL

D19: Rev. 10/26/20

TD2111184
Cl: V5774206 VAULT 20
7"x18"x8" TUB STYLE
CF: 1 - S V 7"x18"x8" TUB 2 PIECE
CF: 1 - SS TAX EXCV CST FOR VLT
IN: 2 - JJ 3-DBE 1000 600A
IN: 2 - JJ DBE 1/0 200A W/BUSH EXT 1/0 600A
IN: 4 - JJ DE DB RPT INS W/TST PNT 600A
IN: 1 - SL CBL RACK STL 30" FOR VLT/MH
IN: 1 - SW UG SF6 LB RAG 4-WY 600A 17.5KV
LINE DEVICE ID:
CF: 39' - CM DUCT 2 1/2" TO 4" (V4206 TO P3070)
CF: 1976' - CM DUCT 5" (V4206 TO V4207)
CF: 39' - CM DUCT FOR EXCAVATION (V4206 TO P3070)
CF: 494' - CM DUCT FOR EXCAVATION (V4206 TO V4207)
IN: 1443' - CBL 1000 AL 1-1/C 17KV CLP PJ (V4206 TO V4207)
IN: 297' - CBL 1000 AL 1-1/C 17KV CLP PJ
IN: 39' - CBL 1/0 AL 2/C 17KV CLP 220 MIL (V4206 TO P3070)
IN: 15' - CBL 1/0 AL 2/C 17KV CLP 220 MIL

LINE DEVICE ID# GS7209
TO BE PROVIDED BY DISTRICT
AT THE TIME OF INSTALL

D19: Rev. 10/26/20

TD2111184
Cl: V5774207 VAULT
7"x18"x8" TUB STYLE
VENTS REQUIRED
CF: 1 - S V 7"x18"x8" TUB 2 PIECE
CF: 1 - SS TAX EXCV CST FOR VLT
IN: 3 - JJ 3-DBE 1000 600A
IN: 2 - JJ DBE 1/0 200A W/BUSH EXT 1/0 600A
IN: 4 - JJ DE DB RPT INS W/TST PNT 600A
IN: 1 - SL CBL RACK STL 30" FOR VLT/MH
IN: 1 - CNN PTAIL STRT FOR 200A MTR 350/4/0 1P
IN: 1 - SW UG SF6 LB RAG 5-WY 600A 17.5KV
LINE DEVICE ID:
IN: 1 - TR UG BT MC F DE 100KVA 16KV 120/240 1P+
SN:
CF: 261' - CM DUCT 5" (V4207 TO 7243E)
CF: 960' - CM DUCT 5" (V4207 TO CAP)
CF: 143' - CM DUCT FOR EXCAVATION (V4207 TO 7243E)
CF: 253' - CM DUCT FOR EXCAVATION (V4207 TO CAP)
IN: 480' - CBL 1000 AL 1-1/C 17KV CLP PJ (V4207 TO 7243E)
IN: 102' - CBL 1000 AL 1-1/C 17KV CLP PJ
CF: 1 - S HH POLY 17"x30"x18" LT TRAFFIC (H207A)
CF: 1 - S HH POLY 17"x30"x18" LT TRAFFIC (H207C)
CF: 1 - S HH POLY 17"x30"x18" LT TRAFFIC (H207E)
CF: 1 - S HH POLY 17"x30"x18" LT TRAFFIC (H207E)
CF: 4 - SS TAX EXCV CST FOR PLASTIC HH
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H207E)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H207C)
CF: 172' - CM DUCT 2 1/2" TO 4" (V4207 TO H207C)
CF: 126' - CM DUCT 2 1/2" TO 4" (V4207 TO H207E)
CF: 138' - CM DUCT 2 1/2" TO 4" (V4207 TO H207G)
CF: 224' - CM DUCT 2 1/2" TO 4" (V4207 TO X7648)
CF: 246' - CM DUCT 2 1/2" TO 4" (V4207 TO H207A)
CF: 22' - CM DUCT FOR EXCAVATION (V4207 TO H207C)
CF: 67' - CM DUCT FOR EXCAVATION (V4207 TO H207E)
CF: 29' - CM DUCT FOR EXCAVATION (V4207 TO H207G)
CF: 21' - CM DUCT FOR EXCAVATION (V4207 TO X7648)
CF: 20' - CM DUCT FOR EXCAVATION (V4207 TO H207A)
IN: 186' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4207 TO H207C)
IN: 145' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX
IN: 126' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4207 TO H207E)
IN: 138' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4207 TO H207G)
IN: 246' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4207 TO H207A)
IN: 211' - CBL (2) 700, (1) 350 600V CLP PLEX (V4207 TO X7648)
IN: 42' - CBL (2) 700, (1) 350 600V CLP PLEX
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H207B)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H207D)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H207E)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H207A)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H207F)
CF: 18' - CM DUCT 2 1/2" TO 4" (H207A TO P/L)
CF: 13' - CM DUCT 2 1/2" TO 4" (H207C TO P/L)
CF: 15' - CM DUCT 2 1/2" TO 4" (H207G TO P/L#44)
CF: 18' - CM DUCT FOR EXCAVATION (H206B TO P/L)
CF: 13' - CM DUCT FOR EXCAVATION (H207C TO P/L)
CF: 15' - CM DUCT FOR EXCAVATION (H207G TO P/L#44)
IN: 67' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H207A TO H207B)
IN: 17' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H207B TO PNL#42)
IN: 50' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX
IN: 23' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H207D TO PNL#9)
IN: 76' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H207E TO H207F)
IN: 64' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H207G TO PNL#44)
IN: 138' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX (H207C TO H207D)
IN: 3' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX

T.L.M. DATA: 5774207
SIZE KVA CUST % LOAD
EXIST. 0 0 0 0%
PROP. 100 68.9 6 68.9%
VOLTAGE DROP: SEE MAP
FLICKER FACTOR: SEE MAP
PRI. CIRCUIT: STATLER 16KV

D27: REV. 12/10/21

TD2111184
Cl: X5657648 PULL BOX
2'-6"x4"x3'-6"
CONCRETE LT TRAFFIC
CF: 1 - S SPL BOX PB 2'6"x4"x3'6" CONC LT TRAF
CF: 1 - SS TAX EXCV CST FOR BD/PAD/PB/PNE/SB/SOE
IN: 2 - CNN PTAIL STRT FOR 200A MTR 350/4/0 1P
IN: 1 - SL CBL RACK STL 30" FOR PB
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY
CF: 10' - CM DUCT 2 1/2" TO 4" (X7648 TO P/L#24)
CF: 14' - CM DUCT 2 1/2" TO 4" (X7648 TO P/L#46)
CF: 6' - CM DUCT 2 1/2" TO 4" (X7648 TO PED)
CF: 10' - CM DUCT FOR EXCAVATION (X7648 TO P/L#24)
CF: 14' - CM DUCT FOR EXCAVATION (X7648 TO P/L#46)
CF: 6' - CM DUCT FOR EXCAVATION (X7648 TO PED)
IN: 105' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX (X7648 TO PNL#46)
IN: 78' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX
IN: 285' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX (X7648 TO PNL#24)
IN: 6' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (X7648 TO PED)

TD2111184
EX: 757241E ELEVATED POLE 24
50'
CLASS H2
EX: PS1258, F144204
RM: 1 - TM 2-4/0 & 1-1/0 600V 1P UG TO OH
RM: 1 - RSR 3" TO 2" EXTENSION
RM: 11' - CM DUCT 2" AND UP (7241E TO PNL#44)
RM: 90' - CBL 2-4/0 1-1/0 AL 3-1/C 600V IN DUCT (7241E TO PNL#44)

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT 44 - SOUTH BAY	PROJ. MGR. WILLIAMS, JENNA J PHONE 3106085194	PLANNER WILLIAMS, JENNA J PHONE 3106085194	DESIGNER CHIN, ELIZABETH
PROJECT NO. 2612821	SERVICE REQUEST 13500715	MSR NO.	PRODUCT-1 2111184-RULE 20B-UG INSTALL
CIRCUIT/VOLTAGE STATLER 16KV	GPS	PRODUCT-2	ASSOC DESIGN
SUB / PG NO. WALTERIA SUB	CIRCUIT CODE	PRODUCT-3	ASSOC DESIGN
INVENTORY MAP VARIOUS	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) RULE 20B 45 EASTFIELD DR ROLLING HILLS CA 90274	
F 12/29/2023	MIDILA Y	J. WILLIAMS	E CHIN 16484
P 11/28/2023	MIDILA Y	J. WILLIAMS	E CHIN 16484
TYPE DATE	APPROVED BY	CHECKED BY	DRAWN BY PAX # SHEET
Southern California Edison Company			
7 of 7			DESIGN/DRWG NO. 1608857_0.01

Attachment 03

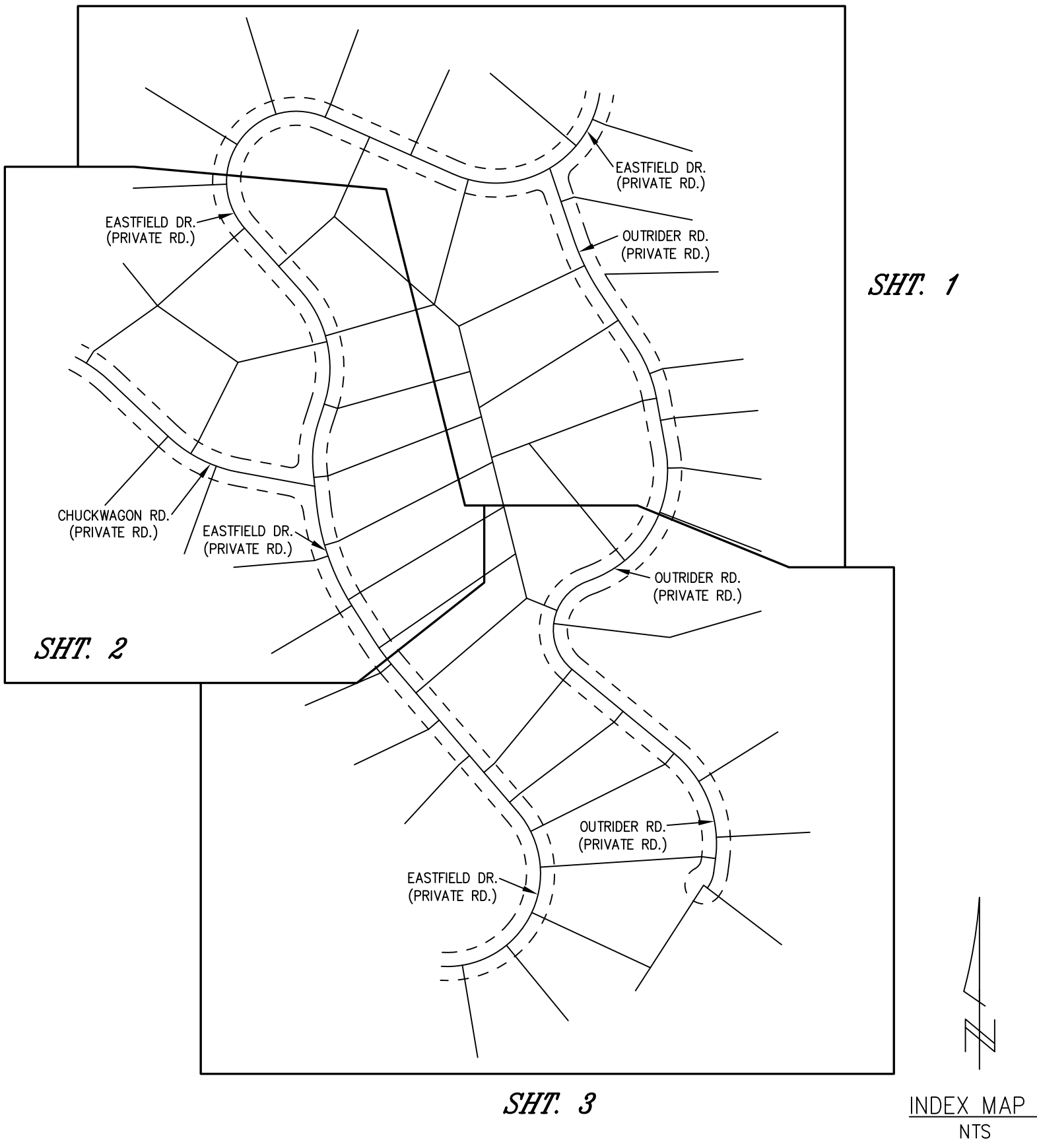
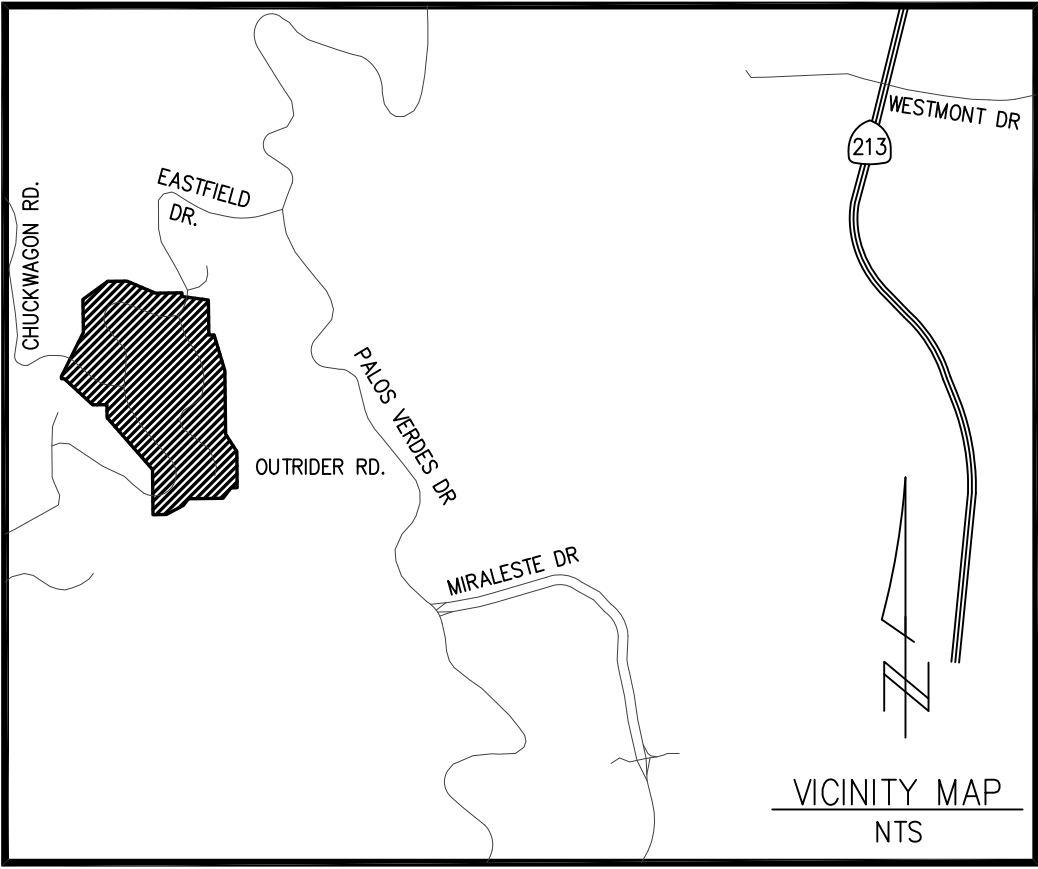
CITY OF ROLLING HILLS

TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB

NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL

ATTACHMENT 3



0124: 02/23/24

0124: 02/23/24

PROJECT REQUIREMENTS (Y/N)

EDISON EASEMENT REQUIRED ☒

PWRD 88 REQUIRED UG ☒

CIVIL ONLY WORK ORDER ☒

PERMIT REQUIRED ☒

PERMIT TYPE: ENCROACHMENT

OUTAGE REQUIRED ☒

OUTAGE DATE: TBD TIME: TBD

TRAFFIC CONTROL REQUIRED ☒

PED. TRAFFIC CONTROL REQ'D ☒

CONVEYANCE LETTER REQ'D ☒

ENVIRONMENTAL REQUIREMENTS DOCUMENT (ERD) REQUIRED ☒

CSD 140 (TLM) REQ'D ☒

CIRCUIT MAP CHANGE REQ'D (TD 203) ☒

DIG ALERT APP ☒

VERIFIED ACTIVE AND CONFIRMED USA TICKETS ☒

UTILQUEST NOTIFIED ☒

FAA MARKING REQ'D ☒

FAA TYPE:

STANDARD ADHERENCE: 02_Q/_2024_Y

INVENTORY MAP NO.'S

LT-7636-G LT-7635-A2

LT-7636-H LT-7635-A4

LT-7635-A LT-7635-B1

LT-7635-B LT-7635-C1

LT-7635-C LT-7635-C2

LT-7635-D LT-7635-C3

LT-7636-G4 LT-7635-C4

LT-7636-H3 LT-7635-E2

INSTALL METHOD:

☐ EDISON

☐ APPLICANT

0124: Rev. 11/10/20

DISTRICT 44 - SOUTH BAY

PROJECT NO. 2612821

SERVICE REQUEST 3500715

MSR NO. 2111184

PRODUCT-1

CIRCUIT / VOLTAGE STATLER 16KV

GPS

PRODUCT-2

ISS / PO NO. WALTERIA SUB

CIRCUIT CODE

PRODUCT-3

PROJ. MGR. WILLIAMS, JENNA J

PHONE 714-430-7842

PLANNER WILLIAMS, JENNA J

PHONE 310-720-6086

DESIGNER CHIN, ELIZABETH

INVENTORY MAP VARIOUS

J.P.A. NO.

PROPOSED CONSTRUCTION (LOCATION)

RULE 20B

45 EASTFIELD DR

ROLLING HILLS CA 90274

TYPE DATE APPROVED BY CHECKED BY DRAWN BY PAX #

12/29/2023 MIDILA K J WILLIAMS E CHIN 16484

10/10/2023 MIDILA K J WILLIAMS E CHIN 16484

SHEET 1 of 7

DESIGN/DRWG NO. 1608857_0.01

UNDERGROUND SERVICE ALERT

Contact USA

Dial 811 or 800-422-4133

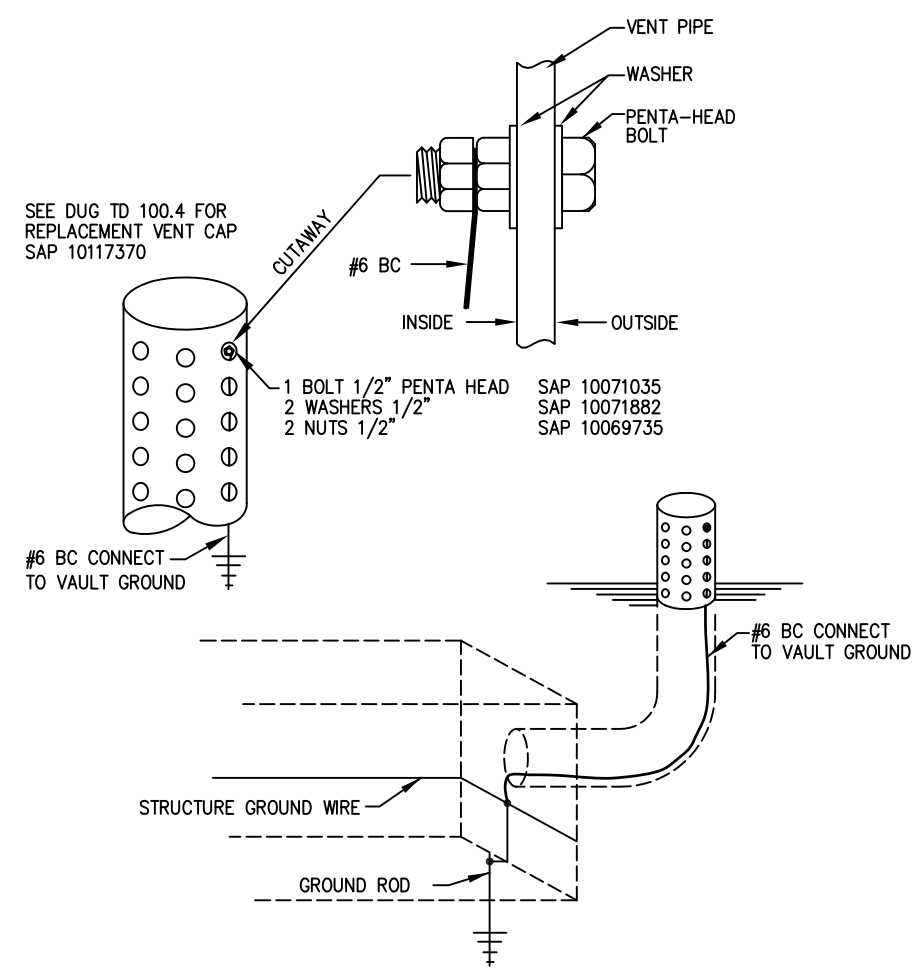
www.digalert.org/contact

For Underground Locating

Two Working Days Before You Dig

016: Rev. 05/28/20

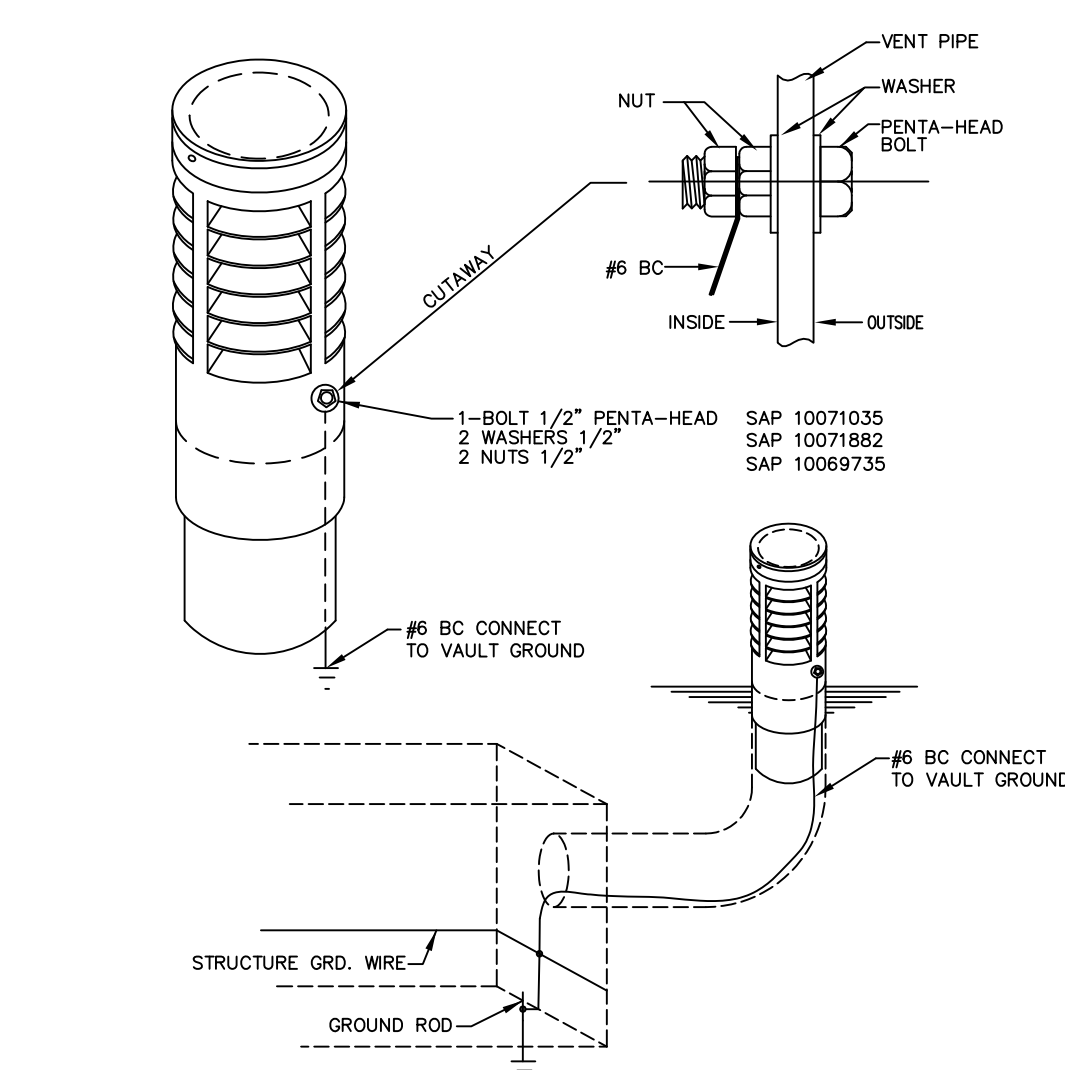
GROUND CONNECTION INSTALLATION IN A PVC VENT
SEE UGS AC 760.1



NOTE:
TO ASSIST IN UNDERGROUND STRUCTURE LOCATING FROM THE SURFACE, INSTALL A #6 BARE COPPER WIRE FROM INSIDE THE VENT PIPE TO THE STRUCTURE GROUND SYSTEM. THIS INSTALLATION WILL ALLOW A SINGLE PERSON CROW TO TIE INTO THE SYSTEM GROUND AND LOCATE THE FACILITIES UNDEAD. THE INSTALLATION SHOULD BE MADE DURING NEW CONSTRUCTION, ADDED TO THE APPROPRIATE STRUCTURE DURING THE ROUTINE MAINTENANCE CYCLE, OR AS THE NEED ARISES BY REQUEST FOR ASSISTANCE FROM THE CONTRACT CABLE LOCATING COMPANY.

D037: REV. 10/26/20

GROUND CONNECTION INSTALLATION IN A POLYETHYLENE VENT
SEE UGS AC 760.2



NOTES:
1. TO ASSIST IN UNDERGROUND STRUCTURE LOCATING FROM THE SURFACE, INSTALL A #6 BARE COPPER WIRE FROM INSIDE THE VENT PIPE TO THE STRUCTURE GROUND SYSTEM. THIS INSTALLATION WILL ALLOW A SINGLE PERSON CROW TO TIE INTO THE SYSTEM GROUND AND LOCATE THE FACILITIES UNDEAD. THE INSTALLATION SHOULD BE MADE TO A MINIMUM OF ONE VENT PER VAULT DURING NEW CONSTRUCTION, ADDED TO THE APPROPRIATE STRUCTURES DURING THE ROUTINE MAINTENANCE CYCLE, OR AS THE NEED ARISES BY REQUEST FOR ASSISTANCE FROM THE CONTRACT CABLE LOCATING COMPANY.
2. DRILL A 9/16" HOLE FOR GROUNDING BOLT APPROXIMATELY ONE INCH BELOW THE LOWEST VENTILATION FIN SLOT. THE GROUND CONNECTION SHOULD BE ATTACHED ON THE SIDE OF THE VENT FACING AWAY FROM THE STREET. THIS IS DONE TO MAINTAIN A FLAT SURFACE FOR ATTACHING STRUCTURE IDENTIFICATION STICKERS.

D013: REV. 10/26/20

CONCRETE PRODUCTS

Precast concrete item complete with neck. Cover and inserts may be obtained from any of the following listed and approved manufacturers:

JENSEN PRECAST
14221 San Bernardino Ave., Fontana, Calif. 92335
Phone: (909) 350-4111
(800) 257-6100

OLDCASTLE PRECAST
10650 Hemlock Ave., Fontana, Calif. 92337
Phone: (909) 428-3700
(800) 626-3860

FOR HANDHOLE AND PULLBOX MANUFACTURERS,
SEE UGS HP 200.

D41: REV. 01/21/09

Applicants expressly represent and warrant that all work performed and all material used in meeting Applicants' obligations herein are free from defects in workmanship and are in conformity with Southern California Edison Company's requirements. This warranty shall commence upon receipt by Applicants of the Company's final acceptance and shall expire one year from that date. Applicants agree to promptly correct to the Company's satisfaction and that of any governmental agency having jurisdiction and at Applicants' expense any breach of this warranty which may become apparent through inspection or operation of underground electric system by the Company during this warranty period.

CITY OF ROLLING HILLS

TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB

NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL

TIE-IN MADE INTO A SECONDARY HANDHOLE
If PVC conduit is used, riser bend installation may be made by the customer with prior SCE approval. Customer not to remove handhole cover. If metallic conduit is used or handhole cover needs to be removed, a SCE Qualified Person must be present.

RUN NUMBER CALL-OUTS AS FOLLOWS:

- ① - (199) MAINLINE CONDUIT
②00 - (599) SERVICE CONDUIT
③00 - (599) STREET LIGHT CONDUIT

D84: REV. 10/26/20

NOTE:

ALL ELECTRICAL DUCTS AND STRUCTURES WILL CONFORM TO GENERAL ORDER #128 (RULES FOR CONSTRUCTION OF UNDERGROUND ELECTRICAL SUPPLY AND COMMUNICATION PRESCRIBED BY THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA, JANUARY 2006).

WHERE CONDUITS ARE PICKED UP OR INTERCEPTED, CONDUIT SHALL BE MANDRELLED AND PULL ROPE INSTALLED FROM TERMINAL TO TERMINAL.

LEGEND OF DRAFTING SYMBOLS

- TRENCH
EDISON CONDUIT (DIST. & S.)
CUST. OWNED CONDUIT
RESIDENTIAL SERVICE CABLE
EXISTING CONDUIT

STRUCTURES

- VAULT
MANHOLE
PME 3-5
PME 6-12
PULL BOX
HANDHOLE
SOE
PAD
4"x4" BURD SWITCH ENCLOSURE
36" BURD SWITCH ENCLOSURE
BURD TRANSFORMER ENCLOSURE
STREET LIGHT ELECTROLEUR
C/A METER PANEL
FIRE HYDRANT

D128: REV. 11/10/20

CONDUIT RADIUS REQUIREMENTS:

- A: The minimum radius for bends are:
36" for conduits 3" in diameter or smaller
48" for conduits 4" and 5" in diameter
60" for 6" diameter conduit
B: The minimum radius for sweeps are:
36" for conduits 3" in diameter or smaller
12'-6" for conduits 4" in diameter and larger, unless otherwise noted.

CONTRACTOR/DEVELOPER NOTES

- TEMPORARY BARRIERS TO BE PLACED AROUND ALL EDISON STRUCTURES DURING CONSTRUCTION
- CUSTOMER TO VERIFY EXACT LOCATION OF STREET LIGHTS PRIOR TO INSTALLATION
- WHERE SLEEVES OR STUB OUTS ARE INSTALLED, CONTRACTOR TO MANDREL AND INSTALL PULL ROPE
- ANY SERVICES THAT ARE NOT INSTALLED IN CONJUNCTION WITH THE MAIN LINE SYSTEM WILL REQUIRE A MINIMUM OF 3" CUSTOMER OWNED SERVICE CONDUIT AT THE TIME OF CONSTRUCTION OF THE HOME
- DEVELOPER IS RESPONSIBLE FOR LOCATING EXISTING DUCT, SLEEVES, AND STUB OUTS. LOCATIONS SHOWN ON MAP ARE NOT GUARANTEED. IF NOT EXISTING, THE DEVELOPER MUST PROVIDE THESE ITEMS.

CONNECTING TO EXISTING SCE STRUCTURES

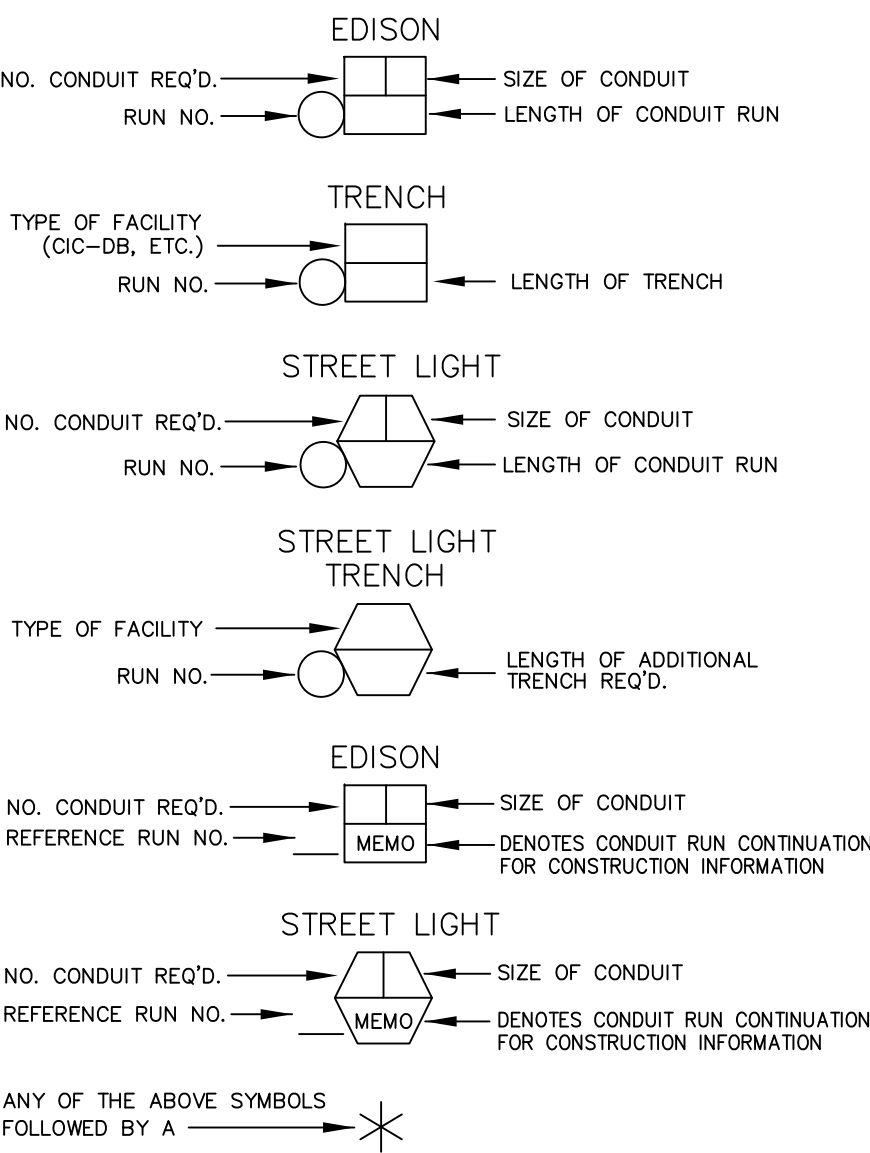
- Per SCE requirements, customers are not allowed to enter, intercept or tie-in to existing SCE facilities, e.g. structures, equipment, multi-conduit runs/banks, or conductors. These facilities may be energized and the work will only be performed by SCE. Contact the appropriate SCE Inspector to schedule an appointment. Customers may connect to an existing conduit stub without a SCE inspector present.
- Multi-conduit runs/banks are runs of conduit in close proximity to each other and other SCE facilities. A conduit stub is a single empty conduit stub that is not in close proximity to other SCE owned facilities. Refer to the work order map for details.
- Per CPUC/SCE's Rule 15 B.1.A and Rule 16 D.1.A., the customer will provide all necessary excavations (with the exception of excavation under pads and primary splice boxes), material (including conduit and structures) and encasement, to be utilized in the intercept/tie-in work by SCE's underground civil contractor(s).
- The customer must adhere to all applicable Cal-OSHA, local, city, state and federal regulations, (including, but not limited to, all necessary shoring and traffic control in place to perform the intercept/tie-in work by SCE's underground civil contractor(s)).
- Intercept/tie-in work must be coordinated with SCE's civil contractors through the Division Inspector/P-Spec to limit exposure of excavation(s). Customer is responsible for securing excavation(s).

D08: 11/13/16

TIE-IN MADE INTO A SECONDARY HANDHOLE

If PVC conduit is used, riser bend installation may be made by the customer with prior SCE approval. Customer not to remove handhole cover. If metallic conduit is used or handhole cover needs to be removed, a SCE Qualified Person must be present.

LEGEND OF CONDUIT SYMBOLS
(CONVENTIONAL U. G.)



DENOTES THE FOLLOWING:

- DB CONDUIT WITHOUT ENCASEMENT IS ACCEPTABLE FOR PORTIONS OF TRENCH WITH ONLY ONE OR TWO CONDUITS
- SEMI-ENCASEMENT IS REQUIRED FOR PORTIONS OF TRENCH WITH ONLY THREE OR FOUR CONDUITS
- FULL ENCASEMENT IS REQUIRED FOR MORE THAN FOUR CONDUITS

D18: REV. 5/08/2006

LEGEND CODE DEFINITIONS

- C - CUSTOMER CONTRACTOR INSTALLED: MATERIALS FURNISHED AND INSTALLED BY APPLICANT AT EDISON'S EXPENSE AND ARE DEERED TO EDISON. (EXCEPTION: STREET LIGHT ELECTROLEURS WILL BE INSTALLED BY EDISON'S CONTRACTOR)
- CO - CUSTOMER CONTRACTOR OWNED: MATERIALS FURNISHED, INSTALLED, OWNED, AND MAINTAINED BY APPLICANT.
- CF - CUSTOMER CONTRACTOR FURNISHED: MATERIALS FURNISHED AND INSTALLED BY APPLICANT AT APPLICANT'S EXPENSE THAT MAY BE DEERED TO EDISON.
- IN - INSTALL: MATERIALS FURNISHED AND INSTALLED BY APPLICANT IF APPLICANT INSTALLED PROJECT OR BY EDISON IF EDISON INSTALLED PROJECT. (EXCEPTION: FOR AN APPLICANT INSTALLED LINE EXTENSION STATION NOS)
- HAVING AN ASTERISK ADJACENT TO AN "IN" LEGEND CODE REPRESENTS MATERIALS TO BE PROVIDED BY APPLICANT AND INSTALLED BY EDISON IN ALL CASES. REFER TO DBP 8258, PROJECT MATERIAL LIST BY ASSEMBLY WITHIN A STATION).
- MI - MEMO INSTALL: SAME AS IN-INSTALL.
- MR - MEMO REMOVED: MATERIALS REMOVED BY EDISON.
- RM - MEMO REMOVED: MATERIALS REMOVED BY EDISON.
- SI - SHOULDER IN: MATERIALS FURNISHED AND INSTALLED BY EDISON FOR TEMPORARY CONSTRUCTION.
- SR - SHOULDER REMOVE: MATERIALS REMOVED BY EDISON FOR TEMPORARY CONSTRUCTION.
- TR - TRANSFER: EDISON LABOR REQUIRED TO TRANSFER EXISTING FACILITIES.

CONSTRUCTION NOTES:

UNLESS OTHERWISE SPECIFIED ON THE WORKING DRAWING WHICH FORMS A PART OF THE SPECIFICATION, THE CONTRACTOR/DEVELOPER SHALL FURNISH THE FOLLOWING ITEMS AT NO COST TO THE EDISON COMPANY.

SOUTHERN CALIFORNIA EDISON COMPANY HAS ATTEMPTED TO CORRECTLY SHOW ALL EXISTING UTILITIES AND SUBSTRUCTURES IN THE VICINITY OF THE WORK, BUT DOES NOT GUARANTEE THERE ARE NO OTHER SUBSTRUCTURES IN THE AREA. FAILURE OF SCE TO SHOW ALL SUBSTRUCTURES IN THEIR CORRECT LOCATION WILL NOT BE A BASIS FOR A CLAIM FOR EXTRA WORK, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO SUBSTRUCTURES WHETHER SHOWN OR NOT.

- FOR GENERAL SPECIFICATIONS SEE UGS GI 001.
- CONDUIT:
 - MINIMUM COVER IN STREET OR PARKWAY IS 30" BELOW OUTER GRADE, UNLESS NOTED OTHERWISE.
 - MINIMUM COVER ON PRIVATE PROPERTY IS 30" BELOW FINISHED GRADE, UNLESS NOTED OTHERWISE.
 - CONTRACTOR IS TO FURNISH AND INSTALL APPROVED CONDUIT TO EDISON SPECIFICATIONS PER UGS CD 100.1, 110 AND 120.
 - FOR THE TYPE OF CONDUIT FOR THIS JOB, SEE UGS CD 100.1.
 - INSTALL ALL RISERS PER UGS CD 160, 161, 162 AND 170.
 - INSTALL ALL MAINLINE CONDUITS PER UGS CD 148 AND SERVICE CONDUITS PER UGS CD 150.
 - INSTALL BANK CONDUIT FLUES IN ALL CONDUITS TERMINATING INTO VAULTS, MANHOLES, PMH'S, SOE'S & ALL CAP LOCATIONS, PER UGS CD 180.1 & UGS CD 180.2.
 - INSTALL PULL ROPE IN ALL CONDUIT RUNS. PULL ROPE TO BE AT LEAST 3/8" POLYPROPYLENE ROPE, BRADED OR TWISTED. FOR SPECIFICATIONS, APPROVED MAKES, AND SUPPLIERS, SEE UGS GI 040.
 - ALL CONDUIT MUST BE MANDRELLED WITH THE APPROVED MANDREL UGS CD 197.
- CONDUIT RADIUS REQUIREMENTS:
 - THE MINIMUM RADIUS FOR BENDS ARE:
 - 36" FOR CONDUITS 3" IN DIAMETER OR SMALLER
 - 48" FOR CONDUITS 4" AND 5" IN DIAMETER
 - 60" FOR 6" DIAMETER CONDUIT
 - THE MINIMUM RADIUS FOR ALL SWEEPS OF ALL MAINLINE CONDUITS IS 12'-6" (UNLESS NOTED OTHERWISE).
- EXCAVATION AND BACKFILL:
 - WORK AREA SHALL BE CLEARED AND ROUGH GRADED TO WITHIN FOUR INCHES OF FINAL GRADE PRIOR TO INSTALLATION OF EDISON CONDUIT OR STRUCTURES.
 - ALL EXCAVATIONS SHALL BE IN ACCORDANCE WITH THE CALIFORNIA STATE CONSTRUCTION SAFETY ORDERS (WHEN APPLICABLE), EDISON SPECIFICATIONS, AND ALL GOVERNING LOCAL ORDINANCES.
 - EACH TRENCH TO BE A UNIFORM DEPTH BELOW FINAL GRADE PRIOR TO INSTALLATION OF EDISON CONDUIT OR STRUCTURES.
 - BACKFILL SHALL BE PROVIDED BY THE CONTRACTOR FOR ALL EXCAVATIONS AND SHALL INCLUDE CRUSHED ROCK, CONCRETE, AND/OR IMPORTED BACKFILL, WHEN REQUIRED.
 - BACKFILL WITH A MINIMUM OF ONE SACK PER YARD SAND CEMENT SLURRY AROUND AND OVER VAULTS AND MANHOLES PER UGS GI 030, SECTION 6.4 AND AROUND PMH'S WITHIN ONE FOOT OF FINISHED GRADE, PER UGS SS 560.1.
 - BACKFILL, PER EDISON SPECIFICATIONS, SHALL IMMEDIATELY FOLLOW CONDUIT OR SUBSTRUCTURE INSTALLATION. AT NO TIME SHALL CONDUIT BE LEFT EXPOSED OVER 24 HOURS.
 - NO ROCKS ARE ALLOWED WITHIN 12 INCHES OF DIRECT-BURIED CABLES OR ANY CONDUIT WITHOUT CONCRETE ENCASEMENT. NATIVE BACKFILL CAPABLE OF PASSING THROUGH A ONE-HALF INCH MESH SCREEN SHALL BE CONSIDERED TO BE "ROCK FREE". IF EXISTING BACKFILL DOES NOT PASS THROUGH A 1/2" SCREEN, PLACE IMPORTED SAND 3" BELOW AND 12" ABOVE EDISON CABLES. AFTER THIS POINT, NO ROCKS LARGER THAN 12" DIAMETER ARE PERMITTED.
 - ALL BACKFILL SHALL BE COMPACTED TO MEET OR EXCEED LOCAL ORDINANCES OR OTHER REQUIREMENTS. IT SHALL BE PLACED IN A MANNER THAT WILL NOT DAMAGE THE CONDUIT OR SUBSTRUCTURE OR ALLOW FUTURE SUBSIDENCE OF THE TRENCH OR STRUCTURES.
- PAVING:
 - WHEN REQUIRED, WHERE REQUIRED, SHALL BE PLACED IN SUCH A MANNER THAT INTERFERENCE WITH TRAFFIC, INCLUDING PEDESTRIAN TRAFFIC, WILL BE KEPT TO A MINIMUM. THE CONTRACTOR SHALL ESTABLISH A PROGRAM OF REPAVING ACCEPTABLE TO THE MUNICIPALITY, COUNTY, OR OTHER AUTHORITY HAVING JURISDICTION AND WHICH IS ACCEPTABLE TO EDISON.
- STRUCTURES:
 - ALL SUBSTRUCTURES SHALL BE CONSTRUCTED OR INSTALLED TO EDISON SPECIFICATIONS.
 - INSTALL PROTECTION BARRIERS PER UGS MS 830 WHEN REQUIRED IN AREAS EXPOSED TO TRAFFIC, PER EDISON INSPECTOR.
 - ALL CONDUIT LINES AND CONCRETE FLOORED SUBSTRUCTURES SHALL BE WATER TIGHT.
 - ALL GROUNDING MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- RETAINING WALLS:
 - WHEN REQUIRED, RETAINING WALLS SHALL BE PROVIDED BY THE DEVELOPER. WALLS ARE REQUIRED WHEREVER GRADE RISES MORE THAN 18 INCHES ABOVE THE STRUCTURE OR 24" ABOVE THE PAD SURFACE AT A DISTANCE OF 5 FEET FROM THE SAME, OR IN AREAS SUBJECT TO EROSION. DESIGN AND INSTALLATION MUST COMPLY WITH LOCAL BUILDING ORDINANCES. REFER TO EDISON INSPECTOR FOR TYPICAL SPACE REQUIREMENTS.
- PERMITS:
 - ALL PERMITS NECESSARY FOR EXCAVATION SHALL BE PROVIDED BY THE CONTRACTOR/DEVELOPER.
- ACCESS:
 - HEAVY TRUCK ACCESS SHALL BE MAINTAINED TO EQUIPMENT LOCATIONS. STRUCTURES MUST BE CLEAR OF ALL APPURTENANCES THAT WOULD OBSTRUCT THE LOADING OR UNLOADING OF EQUIPMENT.
- SERVICES:
 - METERS AND SERVICES SHALL COMPLY WITH EDISON ELECTRICAL SERVICES REQUIREMENTS.
 - WORKING MUST BE IN ACCORDANCE WITH APPLICABLE LOCAL ORDINANCES AND APPROVED BY LOCAL INSPECTION AUTHORITIES.
- LOCATION:
 - THE LOCATION OF EXCAVATIONS AND STRUCTURES FOR EDISON SHALL BE AS SHOWN ON THE WORKING DRAWING. NO DEVIATION FROM THE PLANNED LOCATIONS WILL BE PERMITTED UNLESS APPROVED BY THE EDISON INSPECTOR. SEE UGS GI 001, SECTION 2.2.
 - ACTUAL LOCATION OF OBSTRUCTIONS, STORM DRAINS, AND/OR OTHER FOREIGN UTILITIES TO BE THE RESPONSIBILITY OF THE CONTRACTOR. SEE UGS GI 001, SECTION 2.3.
- CONTRACTOR IS TO VERIFY LOCATION AND WIDTHS OF ALL SIDEWALKS AND DRIVEWAYS PRIOR TO STREET LIGHT INSTALLATION. SEE UGS CD 175.1, UGS CD 175.2 AND UGS CD 175.3.
- SURVEY:
 - SURVEYING OF STREET IMPROVEMENTS, PROPERTY CORNERS, LOT LINES, FINISHED GRADE, ETC., NECESSARY FOR THE INSTALLATION OF UNDERGROUND FACILITIES MUST BE COMPLETED AND MARKERS OR STAKES PLACED PRIOR TO THE START OF THE INSTALLATION. IN ADDITION, DEVELOPER SHALL MAINTAIN THE MARKERS DURING THE INSTALLATION AND INSPECTION BY EDISON. GRADE AND PROPERTY LINE STAKES MUST SHOW ANY OFFSET MEASUREMENTS.
- COORDINATION AND SUPERVISION:
 - THE DEVELOPER SHALL PROVIDE SUPERVISION OVER AND COORDINATION AMONG THE VARIOUS CONTRACTORS WORKING WITHIN THE DEVELOPMENT IN ORDER TO PREVENT DAMAGE TO EDISON FACILITIES. HE IS RESPONSIBLE FOR THE COST OF REPAIRS, REPLACEMENT, RELOCATION, OR OTHER CORRECTIONS TO EDISON FACILITIES MADE NECESSARY BY HIS FAILURE TO PROVIDE SUPERVISION OR TO OTHERWISE COMPLY WITH THESE SPECIFICATIONS.
- TELEPHONE AND OTHER UTILITY REQUIREMENTS:
 - THE DRAWING PREPARED FOR THIS JOB MAY ALSO COVER THE FACILITIES TO BE INSTALLED FOR THE TELEPHONE COMPANY AND/OR OTHER UTILITY. ANY QUESTIONS CONCERNING DETAILS OF THEIR INSTALLATION SHOULD BE REFERRED TO THE COMPANY CONCERNED.
- OWNERSHIP:
 - DEVELOPER IS TO DEED TO THE EDISON COMPANY ALL STRUCTURES SHOWN HEREON EXCEPT THOSE SHOWN AS CUSTOMER OWNED.
- WARRANTY:
 - APPLICANTS EXPRESSLY REPRESENT AND WARRANT THAT ALL WORK PERFORMED AND ALL MATERIAL USED IN MEETING APPLICANTS' OBLIGATIONS HEREIN ARE FREE FROM DEFECTS IN WORKMANSHIP AND ARE IN CONFORMITY WITH SOUTHERN CALIFORNIA EDISON COMPANY'S REQUIREMENTS. THIS WARRANTY SHALL COMMENCE UPON RECEIPT BY APPLICANTS OF COMPANY'S FINAL ACCEPTANCE AND SHALL EXPIRE ONE YEAR FROM THAT DATE. APPLICANTS AGREE TO PROMPTLY CORRECT TO THE COMPANY'S SATISFACTION AND THAT OF ANY GOVERNMENTAL AGENCY HAVING JURISDICTION AND AT APPLICANTS' EXPENSE ANY BREACH OF THIS WARRANTY WHICH MAY BECOME APPARENT THROUGH INSPECTION OR OPERATION OF UNDERGROUND ELECTRIC SYSTEM BY COMPANY DURING THIS WARRANTY PERIOD.
- INSPECTION:
 - INSPECTION IS REQUIRED DURING THE CONSTRUCTION PERIOD. A 48 HOUR ADVANCE NOTICE OF INTENT TO START CONSTRUCTION IS REQUIRED FROM THE CONTRACTOR TO THE SOUTHERN CALIFORNIA EDISON COMPANY. STANDARDS OF EDISON CONSTRUCTION REQUIREMENTS ARE AVAILABLE UPON REQUEST.

DUCT AND STRUCTURE INSPECTOR: MARIO SAUCEDO PHONE: 310-502-1029
CABLING CONSTRUCTION COORDINATOR: PHONE:

D05: 03/22/24

UNDERGROUND SERVICE ALERT
Contact USA
Dial 811 or 800-422-4133
www.digalert.org/contact
For Underground Locating
Two Working Days Before You Dig

D16: REV. 05/26/20



SCALE: 1" = 60'

0 60 120

FINAL DESIGN
APPROVED FOR CONSTRUCTION

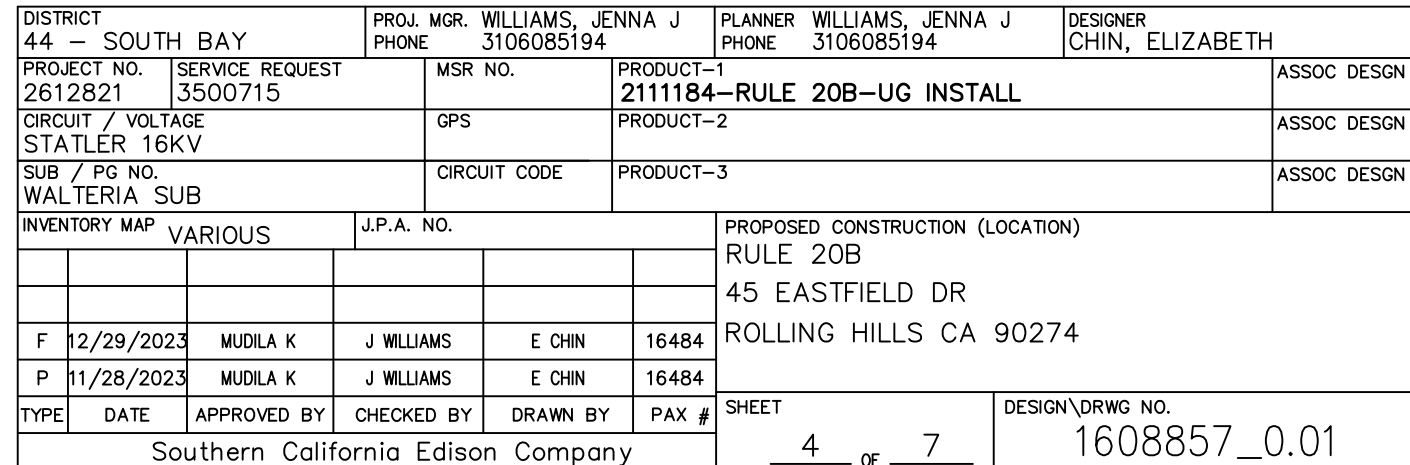
DISTRICT 44 - SOUTH BAY	PRJAL MGR. WILLIAMS, JENNA J PHONE 3106085194	PLANNER WILLIAMS, JENNA J PHONE 3106085194	DESIGNER CHIN, ELIZABETH	ASSOC DESIGN
PROJECT NO. 2612921	SERVICE REQUEST SS007015	MSR NO. 3106085194	PRODUCT-1 211184-RULE 20B-UG INSTALL	ASSOC DESIGN
CIRCUIT 7 VOLTAGE STATLER 16KV	PRODUCT-2	ASSOC DESIGN	ASSOC DESIGN	
INVENTORY MAP VARIOUS	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) RULE 20B 45 EASTFIELD DR ROLLING HILLS CA 90274		
F 12/29/2023	MIDILA K	J WILLIAMS	E CHIN	16484
P 11/28/2023	MIDILA K	J WILLIAMS	E CHIN	16484
TYPE DATE APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET
Southern California Edison Company				2 of 7
				1608857_0.01

D31: REV. 11/85

D70: 10/26/20

- NOTES(S):
1. CONDUIT SECTIONS SHOULD HAVE NO MORE THAN EIGHT SIZE CONDUITS, AND NO CONDUIT SHOULD BE SURROUNDED ON FOUR SIDES BY OTHER CONDUITS.
2. ANY CONDUIT SECTION WITH STACKED CONDUIT MUST BE BACKFILLED WITH BEDDING (SEE NOTE 4) OR ONE-SACK SAND SLURRY. (STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 201-11.2 MIX 100-1-100.)
3. TWO-SACK CONCRETE ENCASEMENT PER CD 100 WILL BE USED IN JOINT TRENCH IN ORDER TO REDUCE TELECOM CONDUIT CLEARANCES TO THREE INCHES MINIMUM PER THE ABOVE JOINT TRENCH SECTIONS. ONE-SACK SAND SLURRY IS NOT A SUBSTITUTE FOR ENCASEMENT CONCRETE.
4. BEDDING MATERIAL WILL BE CLEAN SAND OR PEA GRAVEL. NATIVE MATERIALS MEETING THE REQUIREMENTS OF CD 100 ARE ONLY PERMITTED FOR THE NONSTACKED CONFIGURATION AND ARE NOT PERMITTED TO BED PADS AND RISERS AT BODIES.
5. CONDUIT WILL BE TYPE 158 PER CD 110 AND WILL BE OF APPROVED MANUFACTURE PER CD 115. TYPE EB IS PERMITTED WHEN ENCASEMENT CONCRETE IS USED.
6. WHERE BOTH RESIDENTIAL AND NONRESIDENTIAL CONDUIT ARE IN THE SAME TRENCH, THE REQUIREMENTS OF SCOPE CD 120.1 SHALL APPLY.
7. SCOPE CD 120.1, SECTION 1 MAY BE USED FOR RESIDENTIAL CONSTRUCTION.
8. CONCRETE ENCASEMENT WILL BE KEPT UNIFORM. EXCESSIVE AMOUNTS OF CONCRETE WILL BE AVOIDED.
9. BEDDING WILL BE IN ACCORDANCE WITH CD 100.

D70A: 10/26/20



NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL

CITY OF ROLLING HILLS
TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB

T.L.M. DATA: 5774201
SIZE KVA CUST % LOAD
EXIST. 0 0 0 0.0%
PROP. 100 97.5 5 97.5%
VOLTAGE DROP: SEE MAP
FLICKER FACTOR: SEE MAP
PRI. CIRCUIT: STATLER 16KV

027: REV. 12/10/21

V5774201	VD=1.1 FL=2.58 200 PANEL 120/240V 1P 17.1KW STONS 21 EASTFIELD DR ROLLING HILLS, CA 90274	VD=3.5 FL=4.03 200 PANEL 120/240V 1P 30.5KW STONS 23 EASTFIELD DR ROLLING HILLS, CA 90274	VD=3.01 FL=4.96 200 PANEL 120/240V 1P 12.4KW STONS 25 EASTFIELD DR ROLLING HILLS, CA 90274	VD=2.98 FL=4.56 200 PANEL 120/240V 1P 14.9KW STONS 27 EASTFIELD DR ROLLING HILLS, CA 90274	VD=1.95 FL=4.54 200 PANEL 120/240V 1P 12.9KW 4TONS 2 OUTRIDER RD ROLLING HILLS, CA 90274
V5774202	VD=0.97 FL=4.63 200 PANEL 120/240V 1P 7.6KW STONS 24 EASTFIELD DR ROLLING HILLS, CA 90274	VD=0.38 FL=3.22 200 PANEL 120/240V 1P 2.3KW 2TONS 29 EASTFIELD DR ROLLING HILLS, CA 90274	VD=0.56 FL=2.63 200 PANEL 120/240V 1P 7.6KW STONS 31 EASTFIELD DR ROLLING HILLS, CA 90274	VD=1.44 FL=4.35 200 PANEL 120/240V 1P 11.6KW STONS 33 EASTFIELD DR ROLLING HILLS, CA 90274	

LINE DEVICE ID# GS7205
TO BE PROVIDED BY DISTRICT
AT THE TIME OF INSTALL

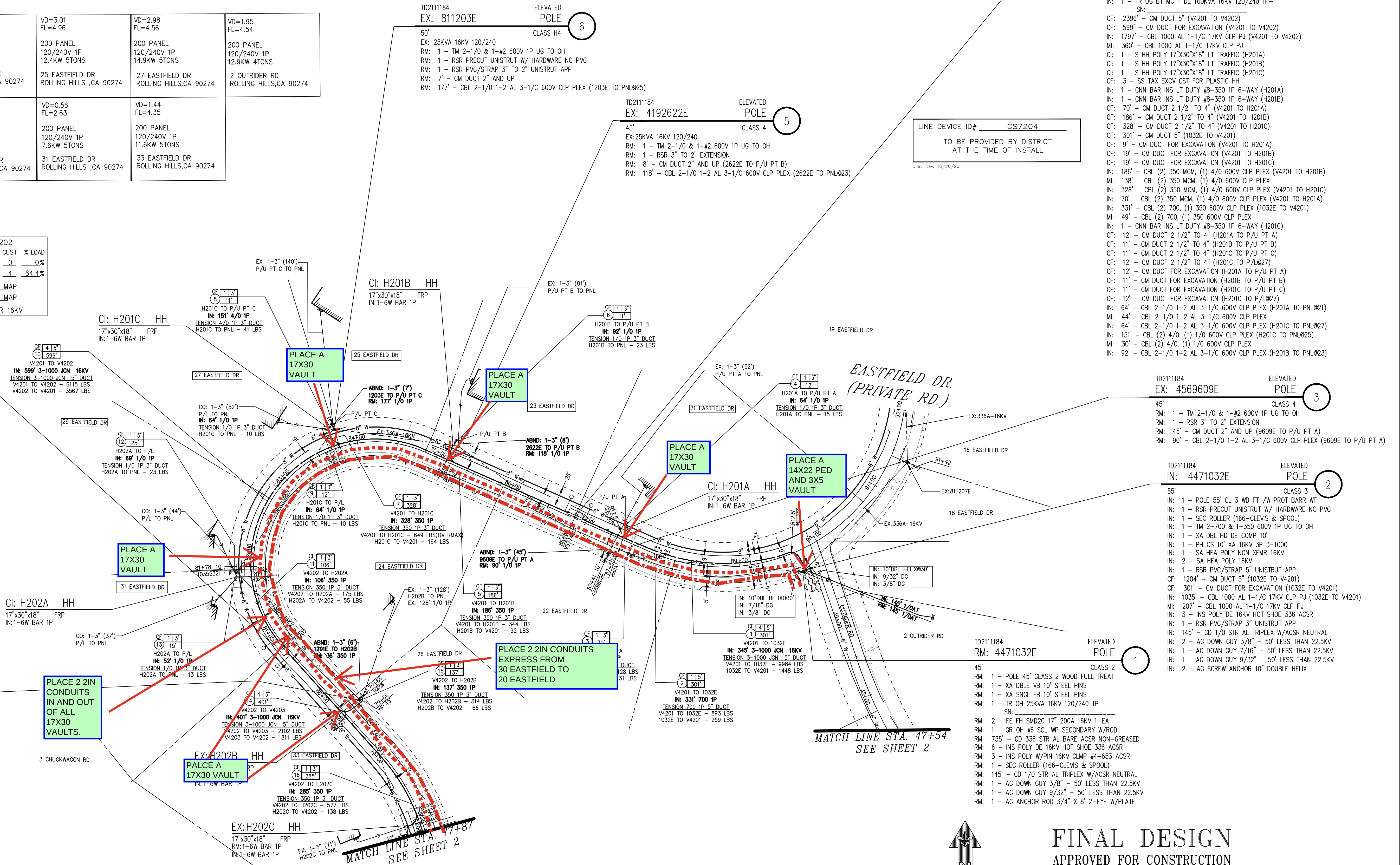
019: REV. 10/26/20

T.L.M. DATA: 5774202
SIZE KVA CUST % LOAD
EXIST. 0 0 0 0.0%
PROP. 75 32.2 4 64.4%
VOLTAGE DROP: SEE MAP
FLICKER FACTOR: SEE MAP
PRI. CIRCUIT: STATLER 16KV

027: REV. 12/10/21

TD2111184
CI: V5774202
VAULT
7'x18'x8'
VENTS REQUIRED
CI: 1 - S V 7'x18'x8' TUB 2-PIECE
CF: 1 - SS TAX EXCV CST FOR VLT
IN: 2 - JJ 3-DBE 1000 600A
IN: 2 - JJ DBE 1/0 200A W/BUSH EXT 1/0 600A
IN: 4 - JJ DE DB ROPT INS W/TST PNT 600A
IN: 1 - SL CBL RACK STL 30" FOR VLT/MH
IN: 1 - SW UG SF6 LB RAG 4-WY 600A 17.5KV
LINE DEVICE ID:
IN: 1 - TR UG BT MC F DE 75KVA 16KV 120/240 1P+
SN:
CF: 1604' - CM DUCT 5" (V4202 TO V4203)
CF: 401' - CM DUCT FOR EXCAVATION (V4202 TO V4203)
IN: 1203' - CBL 1000 AL 1-1/C 17KV CLP PJ (V4202 TO V4203)
MI: 240' - CBL 1000 AL 1-1/C 17KV CLP PJ
CI: 1 - S HH POLY 17'x30'x18" LT TRAFFIC (H202A)
CF: 1 - SS TAX EXCV CST FOR PLASTIC HH (H202A)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H202A)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H202B)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H202C)
CF: 137' - CM DUCT 2 1/2" TO 4" (V4202 TO H202B)
CF: 285' - CM DUCT 2 1/2" TO 4" (V4202 TO H202C)
CF: 106' - CM DUCT 2 1/2" TO 4" (V4202 TO H202A)
CF: 33' - CM DUCT FOR EXCAVATION (V4202 TO H202B)
CF: 16' - CM DUCT FOR EXCAVATION (V4202 TO H202B)
CF: 16' - CM DUCT FOR EXCAVATION (V4202 TO H202A)
IN: 106' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4202 TO H202A)
MI: 106' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX
IN: 137' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4202 TO H202B)
IN: 285' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4202 TO H202C)
CF: 25' - CM DUCT 2 1/2" TO 4" (H202A TO P/LØ29)
CF: 15' - CM DUCT 2 1/2" TO 4" (H202A TO P/LØ31)
CF: 25' - CM DUCT FOR EXCAVATION (H202A TO P/LØ29)
CF: 15' - CM DUCT FOR EXCAVATION (H202A TO P/LØ31)
IN: 69' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H202A TO PNLØ29)
MI: 24' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX
IN: 52' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H202A TO PNLØ31)

TD2111184
EX: 811201E
ELEVATED POLE
CLASS 4
45'
EX: 25KVA 16KV 120/240
RM: 1 - TM 2-350 & 1-4/0 600V 1P UG TO OH
RM: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H202B)
RM: 1 - RSR 3" TO 2" EXTENSION
RM: 6' - CM DUCT 2" AND UP (1201E TO H202B)
RM: 36' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (1201E TO H202B)



TD2111184
CI: V5774201
VAULT
7'x18'x8'
TUB STYLE 4
VENTS REQUIRED
CI: 1 - S V 7'x18'x8' TUB 2-PIECE
CF: 1 - SS TAX EXCV CST FOR VLT
IN: 2 - JJ 3-DBE 1000 600A
IN: 2 - JJ DBE 1/0 200A W/BUSH EXT 1/0 600A
IN: 4 - JJ DE DB ROPT INS W/TST PNT 600A
IN: 1 - SL CBL RACK STL 30" FOR VLT/MH
IN: 1 - CNN PTAIL STRT FOR 100A METER 4/0 1P
IN: 1 - SW UG SF6 LB RAG 4-WY 600A 17.5KV
LINE DEVICE ID:
IN: 1 - TR UG BT MC F DE 100KVA 16KV 120/240 1P+
SN:
CF: 2396' - CM DUCT 5" (V4201 TO V4202)
CF: 599' - CM DUCT FOR EXCAVATION (V4201 TO V4202)
IN: 1797' - CBL 1000 AL 1-1/C 17KV CLP PJ (V4201 TO V4202)
MI: 360' - CBL 1000 AL 1-1/C 17KV CLP PJ
CI: 1 - S HH POLY 17'x30'x18" LT TRAFFIC (H201A)
CI: 1 - S HH POLY 17'x30'x18" LT TRAFFIC (H201B)
CI: 1 - S HH POLY 17'x30'x18" LT TRAFFIC (H201C)
CF: 3 - SS TAX EXCV CST FOR PLASTIC HH
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H201A)
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H201B)
CF: 70' - CM DUCT 2 1/2" TO 4" (V4201 TO H201A)
CF: 186' - CM DUCT 2 1/2" TO 4" (V4201 TO H201B)
CF: 328' - CM DUCT 2 1/2" TO 4" (V4201 TO H201C)
CF: 301' - CM DUCT 5" (1032E TO V4201)
CF: 9' - CM DUCT FOR EXCAVATION (V4201 TO H201A)
CF: 19' - CM DUCT FOR EXCAVATION (V4201 TO H201B)
CF: 19' - CM DUCT FOR EXCAVATION (V4201 TO H201C)
IN: 186' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4201 TO H201B)
MI: 138' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX
IN: 328' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4201 TO H201C)
IN: 70' - CBL (2) 350 MCM, (1) 4/0 600V CLP PLEX (V4201 TO H201A)
IN: 331' - CBL (2) 700, (1) 350 600V CLP PLEX (1032E TO V4201)
MI: 49' - CBL (2) 700, (1) 350 600V CLP PLEX
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY (H201C)
CF: 12' - CM DUCT 2 1/2" TO 4" (H201A TO P/U PT A)
CF: 11' - CM DUCT 2 1/2" TO 4" (H201B TO P/U PT B)
CF: 11' - CM DUCT 2 1/2" TO 4" (H201C TO P/U PT C)
CF: 12' - CM DUCT 2 1/2" TO 4" (H201C TO P/LØ27)
CF: 12' - CM DUCT FOR EXCAVATION (H201A TO P/U PT A)
CF: 11' - CM DUCT FOR EXCAVATION (H201B TO P/U PT B)
CF: 11' - CM DUCT FOR EXCAVATION (H201C TO P/U PT C)
CF: 12' - CM DUCT FOR EXCAVATION (H201C TO P/LØ27)
IN: 64' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H201A TO PNLØ21)
MI: 44' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX
IN: 64' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H201C TO PNLØ27)
IN: 151' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX (H201C TO PNLØ25)
MI: 30' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX
IN: 92' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (H201B TO PNLØ23)

TD2111184
EX: 4569609E
ELEVATED POLE
CLASS 3
45'
RM: 1 - TM 2-1/0 & 1-#2 600V 1P UG TO OH
RM: 1 - RSR 3" TO 2" EXTENSION
RM: 45' - CM DUCT 2" AND UP (9609E TO P/U PT A)
RM: 90' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (9609E TO P/U PT A)

TD2111184
IN: 4471032E
ELEVATED POLE
CLASS 3
55'
IN: 1 - POLE 55' CL 3 WD FT W/ PROT BARR WF
IN: 1 - RSR PRECUT UNISTRUT W/ HARDWARE NO PVC
IN: 1 - SEC ROLLER (166-CLEVIS & SPOOL)
IN: 1 - TM 2-700 & 1-350 600V 1P UG TO OH
IN: 1 - XA DBL HD DE COMP 10'
IN: 1 - PH CS 10' XA 16KV 3P 3-1000
IN: 1 - SA HFA POLY NON XFMR 16KV
IN: 2 - SA HFA POLY 16KV
IN: 1 - RSR PVC/STRAP 5" UNISTRUT APP
CF: 1204' - CM DUCT 5" (1032E TO V4201)
CF: 301' - CM DUCT FOR EXCAVATION (1032E TO V4201)
IN: 1035' - CBL 1000 AL 1-1/C 17KV CLP PJ (1032E TO V4201)
MI: 207' - CBL 1000 AL 1-1/C 17KV CLP PJ
IN: 3 - INS POLY DE 16KV HOT SHOE 336 ACSR
IN: 1 - RSR PVC/STRAP 3" UNISTRUT APP
IN: 145' - CD 1/0 STR AL TRIPLEX W/ACSR NEUTRAL
IN: 2 - AG DOWN GUY 3/8" - 50' LESS THAN 22.5KV
IN: 1 - AG DOWN GUY 1/6" - 50' LESS THAN 22.5KV
IN: 1 - AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
IN: 2 - AG SCREW ANCHOR 10" DOUBLE HELIX

TD2111184
RM: 4471032E
ELEVATED POLE
CLASS 2
45'
RM: 1 - POLE 45' CLASS 2 WOOD FULL TREAT
RM: 1 - XA DBL VB 10' STEEL PINS
RM: 1 - XA SNGL FB 10' STEEL PINS
RM: 1 - TR OH 25KVA 16KV 120/240 1P
SN:
RM: 2 - FE FH SMD20 17" 200A 16KV 1-EA
RM: 1 - GR OH #6 SOL WP SECONDARY W/ROD
RM: 735' - CD 336 STR AL BARE ACSR NON-GREASED
RM: 6 - INS POLY DE 16KV HOT SHOE 336 ACSR
RM: 3 - INS POLY W/PIN 16KV CLMP #4-653 ACSR
RM: 1 - SEC ROLLER (166-CLEVIS & SPOOL)
RM: 145' - CD 1/0 STR AL TRIPLEX W/ACSR NEUTRAL
RM: 1 - AG DOWN GUY 3/8" - 50' LESS THAN 22.5KV
RM: 1 - AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
RM: 1 - AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE



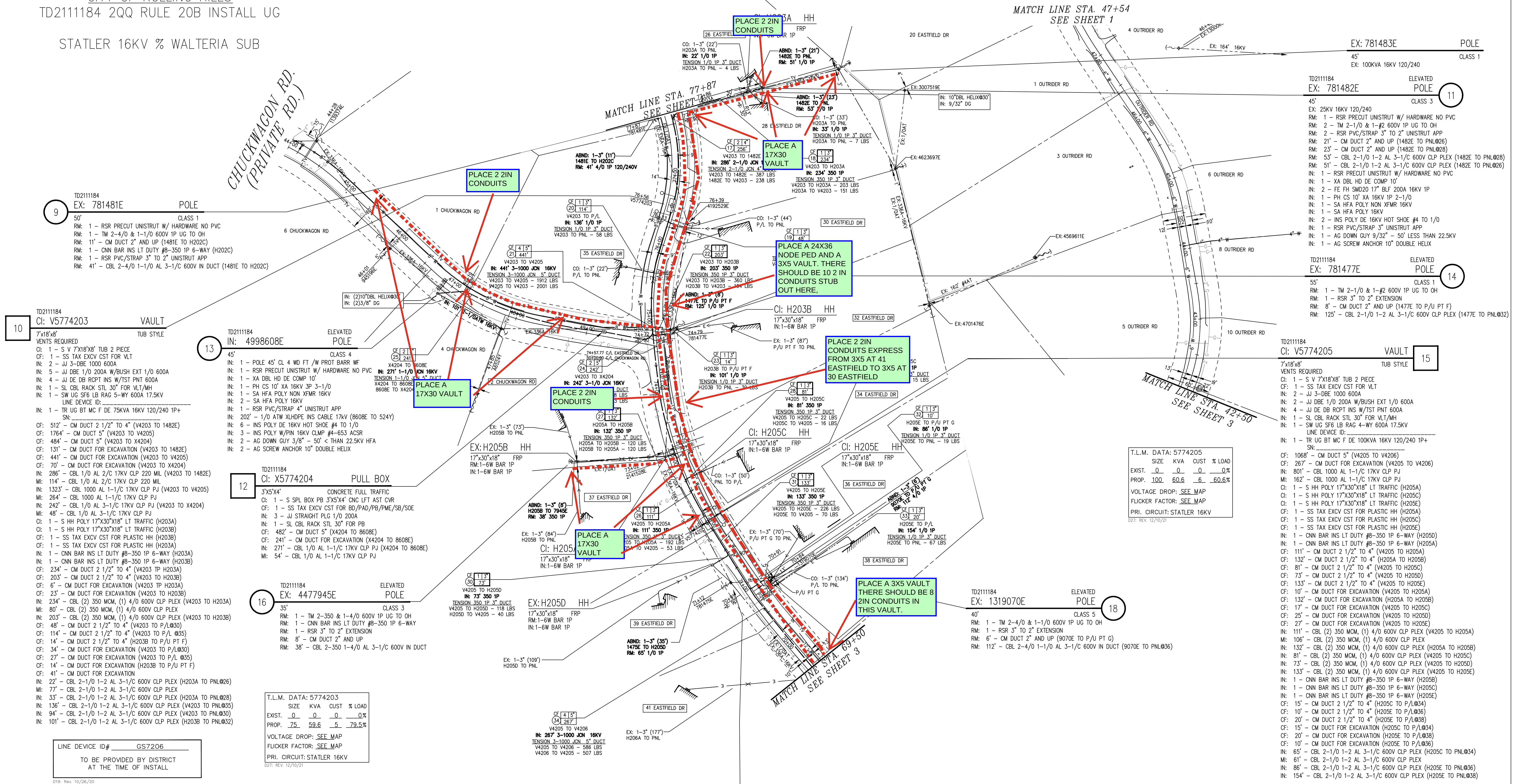
SCALE: 1" = 60'

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT 44 - SOUTH BAY	PROJ MGR. WILLIAMS, JENNA J	PLANNER WILLIAMS, JENNA J	DESIGNER CHIN, ELIZABETH
PROJECT NO. 2612821	SERVICE REQUEST 3500715	PRODUCT-1 2111184-RULE 20B-UG INSTALL	ASSOC DESIGN
CIRCUIT / VOLTAGE STATLER 16KV	GPS	PRODUCT-2	ASSOC DESIGN
SUB / PG NO. WALTERIA SUB	CIRCUIT CODE	PRODUCT-3	ASSOC DESIGN
INVENTORY MAP VARIOUS	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) RULE 20B	
F 12/29/2023	MIDILA X	J WILLIAMS	E OHN 16484
P 11/28/2023	MIDILA X	J WILLIAMS	E OHN 16484
TYPE DATE	APPROVED BY	CHECKED BY	DRAWN BY PAX #
Southern California Edison Company			
SHEET 5 of 7			DESIGN/DRWG NO. 1608857_0.01

CITY OF ROLLING HILLS
TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB



NOTE TO CREW:
WORK WITH RELATED TD2111183 R20B OH REMOVAL

CITY OF ROLLING HILLS
TD2111184 2QQ RULE 20B INSTALL UG

STATLER 16KV % WALTERIA SUB

P5653070	VD=1.38 FL=3.58 200 PANEL 120/240V 1P 20KW STONS 40 EASTFIELD DR ROLLING HILLS ,CA 90274	VD=0.47 FL=3.88 200 PANEL 120/240V 1P 5.9KW STONS 41 EASTFIELD DR ROLLING HILLS ,CA 90274		X5657648	VD=0 100 PED-GEN 120/240V 1P 0KW 2TONS 46 EASTFIELD W/CHKWGN PED ROLLING HILLS ,CA 90274	VD=0
V5774207	VD=0.94 FL=4.18 200 PANEL 120/240V 1P 8KW STONS 9 OUTRIDER RD ROLLING HILLS,CA 90274	VD=1.87 FL=3.66 200 PANEL 120/240V 1P 18.3KW STONS 13 OUTRIDER RD ROLLINGS HILLS,CA 90274	VD=2.42 FL=4.96 200 PANEL 120/240V 1P 14.8KW STONS 24 OUTRIDER RD ROLLING HILLS DR,CA 90274	VD=0.92 FL=4.54 200 PANEL 120/240V 1P 7KW STONS 42 EASTFIELD DR ROLLING HILLS ,CA 90274	VD=0.32 FL=3.01 200 PANEL 120/240V 1P 4.1KW STONS 44 EASTFIELD DR ROLLING HILLS ,CA 90274	VD=1.19 FL=2.99 200 PANEL 120/240V 1P 9.9KW STONS 46 EASTFIELD DR L97 ROLLING HILLS ,CA 90274



SCALE: 1" = 60'
0 60 120

LINE DEVICE ID# GS7208
TO BE PROVIDED BY DISTRICT
AT THE TIME OF INSTALL

D19: Rev. 10/26/20

TD2111184
CI: V5774206 VAULT 20
7'x18'x8' TUB STYLE
CF: 1 - S V 7'x18'x8' TUB 2 PIECE
CF: 1 - SS TAX EXCV CST FOR VLT
IN: 2 - JJ 3-DBE 1000 600A
IN: 2 - JJ DBE 1/0 200A W/BUSH EXT 1/0 600A
IN: 4 - JJ DE DB RCPD INS W/TST PNT 600A
IN: 1 - SL CBL RACK STL 30" FOR VLT/MH
IN: 1 - SW UG SF6 LB RAG 4-WY 600A 17.5KV
LINE DEVICE ID:
CF: 39' - CM DUCT 2 1/2" TO 4" (V4206 TO P3070)
CF: 1976' - CM DUCT 5" (V4206 TO V4207)
CF: 39' - CM DUCT FOR EXCAVATION (V4206 TO P3070)
CF: 494' - CM DUCT FOR EXCAVATION (V4206 TO V4207)
IN: 1443' - CBL 1000 AL 1-1/C 17KV CLP PJ (V4206 TO V4207)
MI: 297' - CBL 1000 AL 1-1/C 17KV CLP PJ
IN: 39' - CBL 1/0 AL 2/C 17KV CLP 220 MIL (V4206 TO P3070)
MI: 15' - CBL 1/0 AL 2/C 17KV CLP 220 MIL

LINE DEVICE ID# GS7209
TO BE PROVIDED BY DISTRICT
AT THE TIME OF INSTALL

D19: Rev. 10/26/20

TD2111184
CI: V5774207 VAULT
7'x18'x8' TUB STYLE
VENTS REQUIRED
CF: 1 - S V 7'x18'x8' TUB 2 PIECE
CF: 1 - SS TAX EXCV CST FOR VLT
IN: 3 - JJ 3-DBE 1000 600A
IN: 2 - JJ DBE 1/0 200A W/BUSH EXT 1/0 600A
IN: 4 - JJ DE DB RCPD INS W/TST PNT 600A
IN: 1 - SL CBL RACK STL 30" FOR VLT/MH
IN: 1 - CNN PTAIL STRT FOR 200A MTR 350/4/0 1P
IN: 1 - SW UG SF6 LB RAG 5-WY 600A 17.5KV
LINE DEVICE ID:
IN: 1 - TR UG BT MC F DE 100KVA 16KV 120/240 1P+ SW

T.L.M. DATA: 5774207
SIZE KVA CUST % LOAD
EXIST. 0 0 0 0%
PROP. 100 68.9 6 68.9%
VOLTAGE DROP: SEE MAP
FLICKER FACTOR: SEE MAP
PRIL. CIRCUIT: STATLER 16KV

D27: REV. 12/10/21

TD2111184
CI: X5657648 PULL BOX
2'-6"x4'x3'-6"
CONCRETE LT TRAFFIC
CF: 1 - S SPL BOX PB 2'6"x4'x3'6" CONC LT TRAF
CF: 1 - SS TAX EXCV CST FOR BD/PAD/PB/PME/SB/SOE
IN: 2 - CNN PTAIL STRT FOR 200A MTR 350/4/0 1P
IN: 1 - SL CBL RACK STL 30" FOR PB
IN: 1 - CNN BAR INS LT DUTY #8-350 1P 6-WAY
CF: 10' - CM DUCT 2 1/2" TO 4" (X7648 TO P/L#024)
CF: 14' - CM DUCT 2 1/2" TO 4" (X7648 TO P/L#046)
CF: 6' - CM DUCT 2 1/2" TO 4" (X7648 TO PED)
CF: 10' - CM DUCT FOR EXCAVATION (X7648 TO P/L#024)
CF: 14' - CM DUCT FOR EXCAVATION (X7648 TO P/L#046)
CF: 6' - CM DUCT FOR EXCAVATION (X7648 TO PED)
IN: 105' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX (X7648 TO PNL#046)
MI: 78' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX
IN: 285' - CBL (2) 4/0, (1) 1/0 600V CLP PLEX (X7648 TO PNL#024)
IN: 6' - CBL 2-1/0 1-2 AL 3-1/C 600V CLP PLEX (X7648 TO PED)

TD2111184
EX: 757241E ELEVATED POLE 24
50'
CLASS H2
EX: PSI258, FI44204
RM: 1 - TM 2-4/0 & 1-1/0 600V 1P UG TO OH
RM: 1 - RSR 3" TO 2" EXTENSION
RM: 11' - CM DUCT 2" AND UP (7241E TO PNL#044)
RM: 90' - CBL 2-4/0 1-1/0 AL 3-1/C 600V IN DUCT (7241E TO PNL#044)

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT 44 - SOUTH BAY	PROJ. MGR. WILLIAMS, JENNA J PHONE 3106085194	PLANNER WILLIAMS, JENNA J PHONE 3106085194	DESIGNER CHIN, ELIZABETH
PROJECT NO. 2612821	SERVICE REQUEST 13500715	MSR NO.	PRODUCT-1 2111184-RULE 20B-UG INSTALL
CIRCUIT/VOLTAGE STATLER 16KV	GPS	PRODUCT-2	ASSOC DESIGN
SUB / PG NO. WALTERIA SUB	CIRCUIT CODE	PRODUCT-3	ASSOC DESIGN
INVENTORY MAP VARIOUS	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) RULE 20B 45 EASTFIELD DR ROLLING HILLS CA 90274	
F 12/29/2023	MIDELA X	J. WILLIAMS	E CHIN 16484
P 11/28/2023	MIDELA X	J. WILLIAMS	E CHIN 16484
TYPE DATE	APPROVED BY	CHECKED BY	DRAWN BY PAX # SHEET 7 OF 7
Southern California Edison Company			
DESIGN/DRWG NO. 1608857_0.01			

Attachment 04

ATTACHMENT 4

CROWN CASTLE FIBER LLC.
SCE JOB# TD2111184_RH-UG_20B
CHUCKWAGON RD & EASTFIELD DR
ROLLING HILLS, CA 90274

CROWN CASTLE SOW:

1. INSTALL (8) 30"x48" CROWN CASTLE VAULTS
2. INSTALL 224' OF (2) - 4" CONDUIT VIA HAND DIG / OPEN TRENCH FROM CAP TO VT1
3. INSTALL 568' OF (2) - 4" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT1 TO VT2
4. INSTALL 415' OF (2) - 4" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT2 TO VT3
5. INSTALL 9' OF (2) - 2" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT3 TO POLE#2141528E
6. INSTALL 484' OF (1) - 4" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT3 TO VT4
7. INSTALL 7' OF (2) - 2" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT4 TO POLE#4998608E
8. INSTALL 501' OF (2) - 4" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT4 TO VT5
9. INSTALL 431' OF (2) - 4" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT5 TO VT6
10. INSTALL 401' OF (2) - 4" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT6 TO VT7
11. INSTALL 432' OF (2) - 4" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT7 TO VT8
12. INSTALL 16' OF (1) - 2" & (1) - 4" CONDUIT VIA HAND DIG/ JOINT TRENCH FROM VT8 TO POLE#4471032E
13. CROWN TO TRANSFER NODE LA8004BA_11LAB TO NEW POLE# 4471032E
14. CROWN TO PULL NEW FIBER OPTIC CABLES & SPLICE
15. CROWN TO REMOVE EXISTING OVERHEAD CABLES AS NOTED ON PLANS

BILL OF MATERIALS

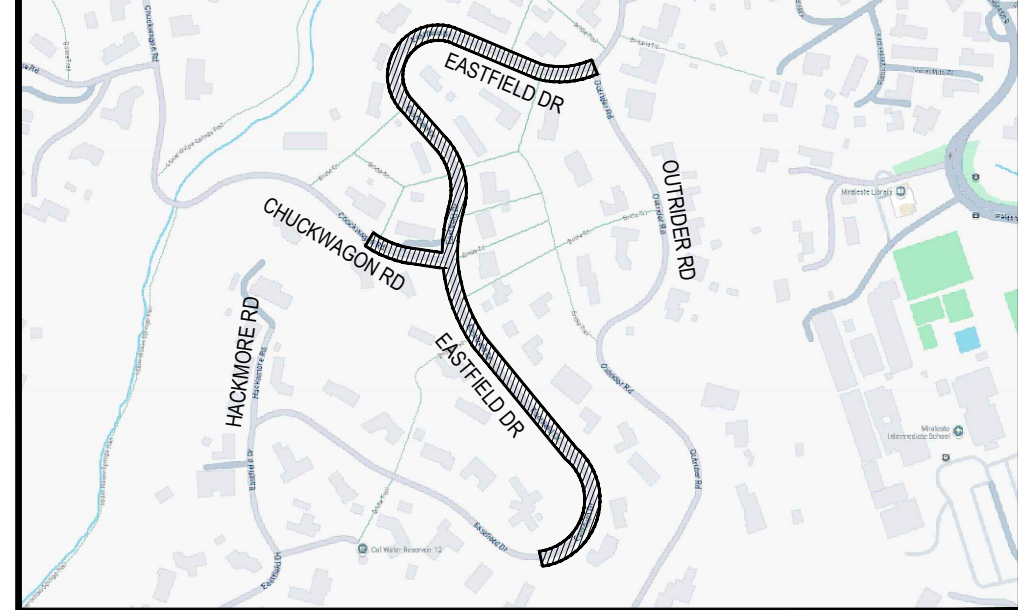
1.	30"x48" VAULTS	8
2.	4" CONDUIT	6,605'
3.	2" CONDUIT	48'

TRENCH TOTALS

1.	JOINT TRENCH	2,595'
2.	CROWN ONLY TRENCH	660'

VICINITY MAP

WORK AREA



PREPARED BY:

O-S-Pro
Telecom Solutions, LLC

2001 THIRD ST #H, RIVERSIDE, CA 92507
(626) 320-0996 | peterm@ospros.net

LEGEND

PROPOSED WORK

SYMBOL/LINETYPE	DESCRIPTION
	CONCRETE RESTORATION
	ASPHALT RESTORATION
	PROPOSED JOINT TRENCH
	PROPOSED CROWN ONLY TRENCH
	SCE PROPOSED TRENCH
	PROPOSED UNDERGROUND VAULT
	POTHOLE
	BORE PIT

EXISTING STRUCTURES

SYMBOL/LINETYPE	ABV.	DESCRIPTION
	POLE	UTILITY POLE
	MH	MANHOLE
	HH	HAND HOLE
	PED	PEDESTAL
	F/H	FIRE HYDRANT
	VLV	VALVE
	TS	TRAFFIC SIGNAL
	SL	STREET LIGHT
	VNT	VENT
	MTR	WATER METER
	TR	BOLLARD
		TREE

EXISTING UTILITIES

SYMBOL/LINETYPE	DESCRIPTION
	STREET LIGHT CONDUIT
	ELECTRIC
	TELEPHONE
	GAS
	STORM DRAIN
	SANITARY SEWER
	WATER
	CATV
	TRAFFIC CONDUIT
	COMM

MISC. LINE TYPES

SYMBOL/LINETYPE	ABV.	DESCRIPTION
	C/L	CENTER LINE
	R/W	RIGHT OF WAY
	P/L	PROPERTY LINE
	EOP	EDGE OF PAVEMENT
	FOC	FRONT OF CURB
	C&G	CURB & GUTTER
	R/R	RAILROAD

MISC. ABBREVIATIONS

ABBREV.	DESCRIPTION
BCF	BEHIND CURB FACE
FCF	FRONT OF CURB FACE
CONC.	CONCRETE
EX	EXISTING
U/G	UNDERGROUND
S/W	SIDEWALK
D/W	DRIVEWAY
PL	PLACE (INSTALL NEW)

NOTICE TO CONTRACTORS

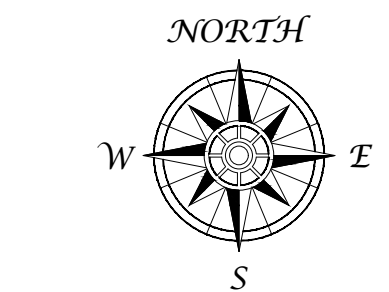
THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HERE WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. CONTRACTOR IS REQUIRED TO LOCATE AND POT HOLE ALL EXISTING UTILITY CROSSINGS PRIOR TO CONSTRUCTION.



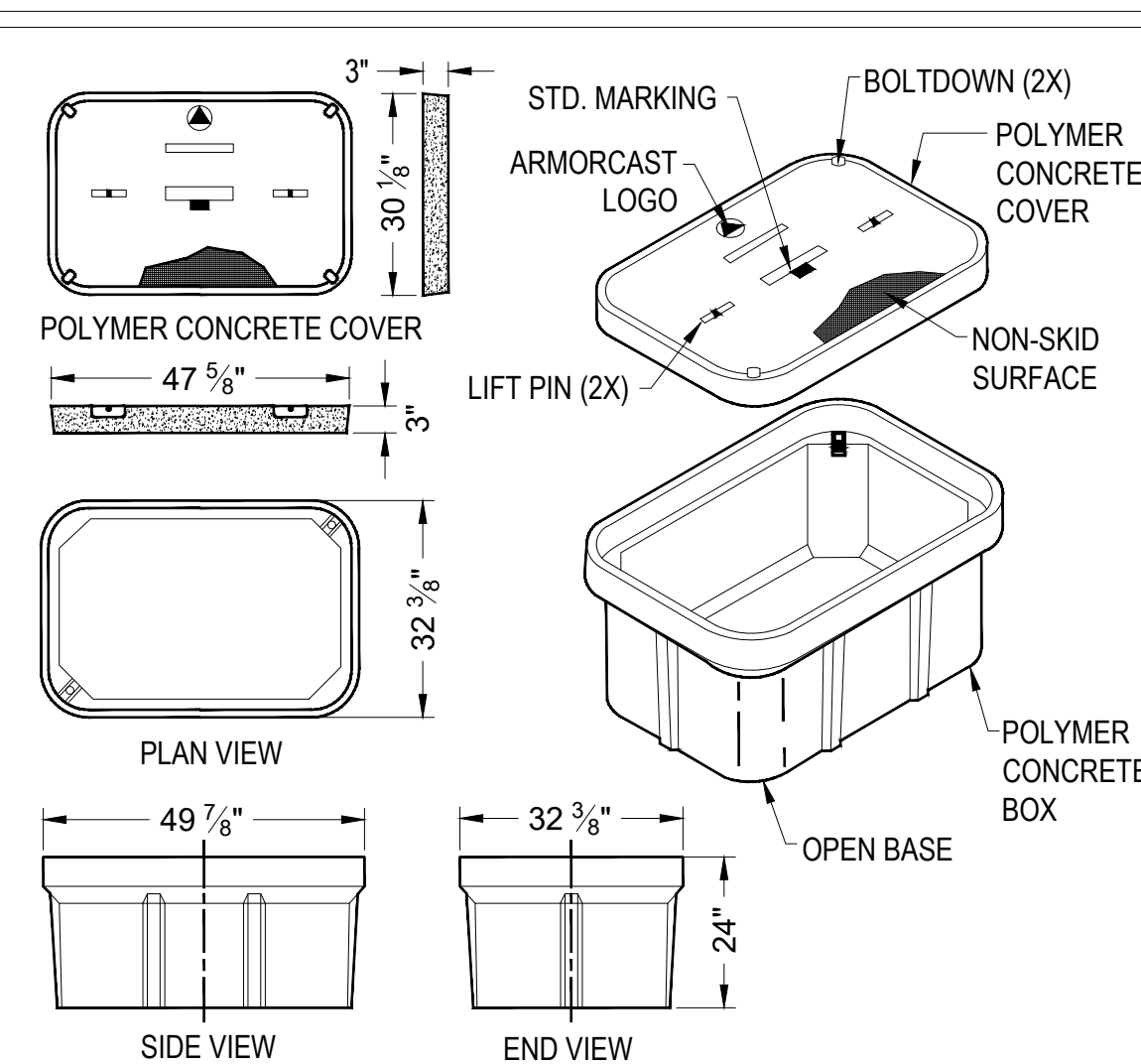
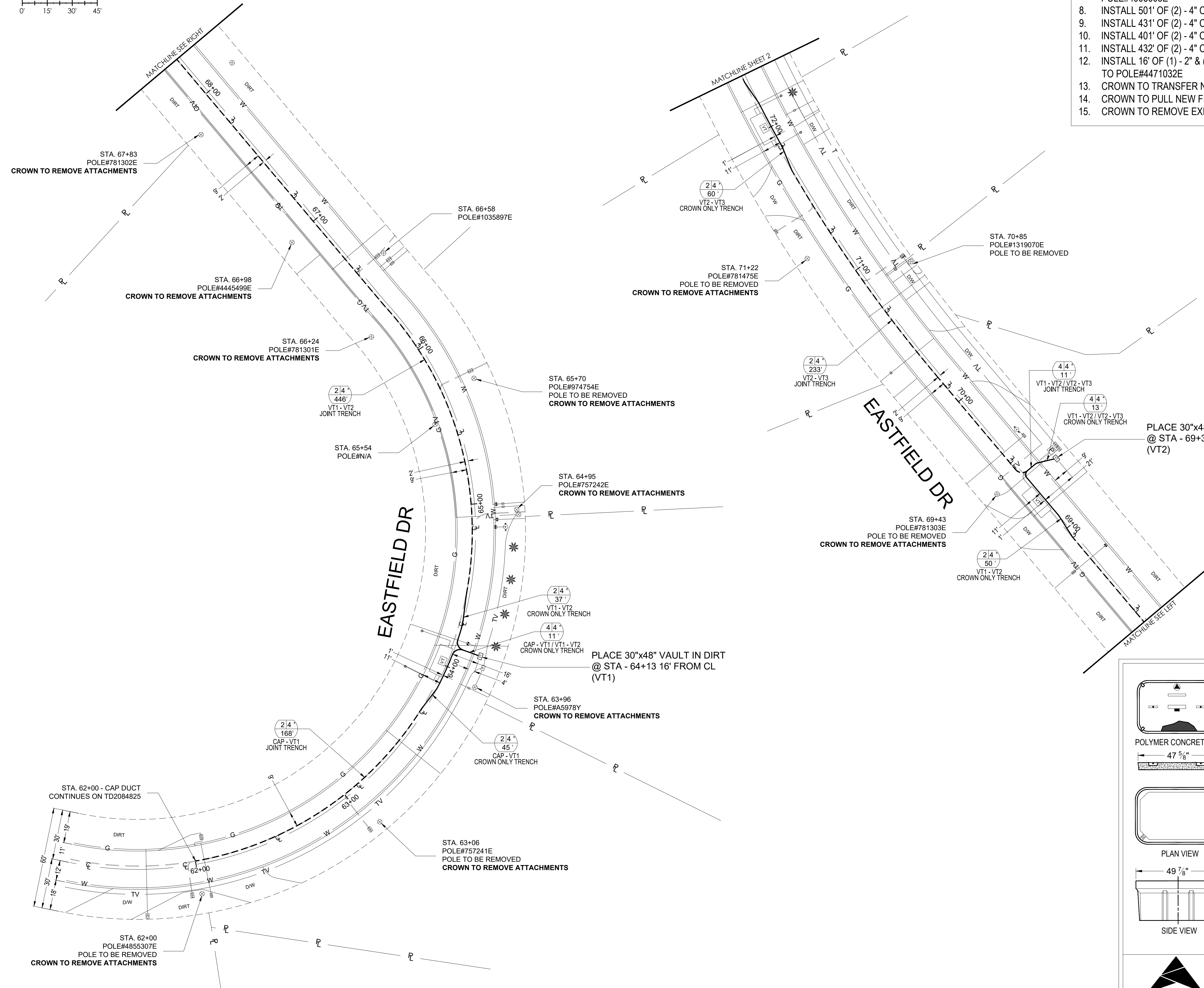
DIGALERT
CALL TOLL FREE
48 HOURS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
PHONE NO. 811

CONSTRUCTION PLAN

 624 S GRAND AVE. SUITE 2500 LOS ANGELES, CA 90017	DRAWN	EV
	DESIGN	EV
	CHECKED	PM
	DATE	10/11/24
TD2084825_RH-UG_20B CHUCKWAGON RD & EASTFIELD DR ROLLING HILLS, CA 90274		1 OF 3
PROJECT # WO37011	TRACKING # SMWO37011CA-LAUFO01-RHL	REV 0



SCALE: 1" = 30'
0 15 30 45



MODEL NO. A6001430APCX24
30"x48"x24"
POLYMER CONCRETE BOX & COVER ASSEMBLY

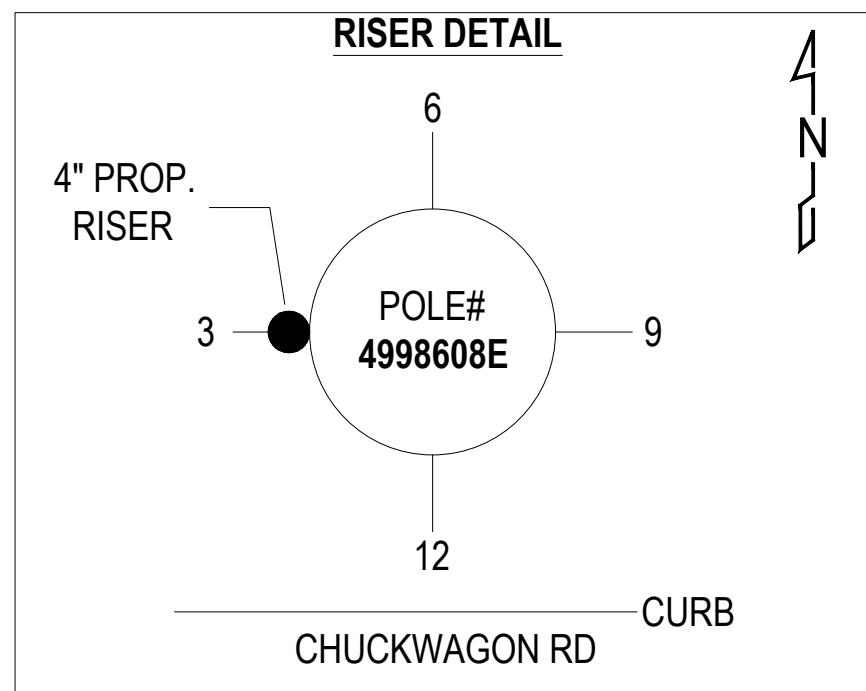
SCALE
N.T.S.

NOTE:
CONTRACTOR TO POT HOLE FOR EXISTING
UTILITIES PRIOR TO START OF CONSTRUCTION.

NOTE:
CONTRACTOR TO REMOVE & REPLACE DAMAGED
CONCRETE AND MATCH EXISTING LANDSCAPE TO
SATISFACTION OF THE CITY RESIDENT ENGINEER

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ALL UNDERGROUND
UTILITIES SHOWN HERE WERE OBTAINED BY A SEARCH
OF AVAILABLE RECORDS. CONTRACTOR IS REQUIRED
TO LOCATE AND POT HOLE ALL EXISTING UTILITY
CROSSINGS PRIOR TO CONSTRUCTION



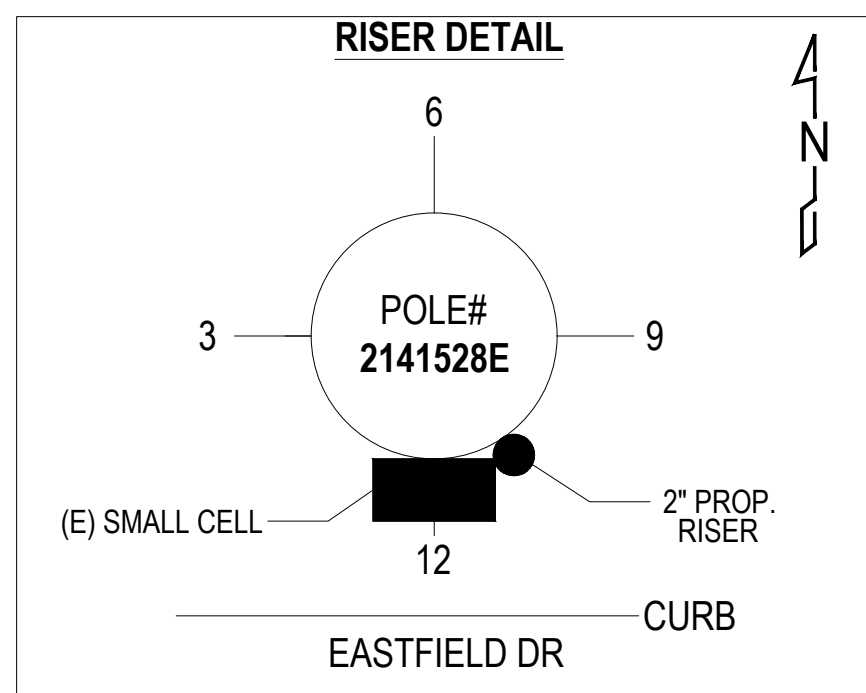
RISER UP NEW POLE #4998608E
@ STA - 48+10 - 21' FROM CL

PLACE 30"x48" VAULT IN DIRT
@ STA - 46+97 21' FROM CL
(VT4)

STA. 48+10
POLE#A6525Y
CROWN TO REMOVE ATTACHMENTS

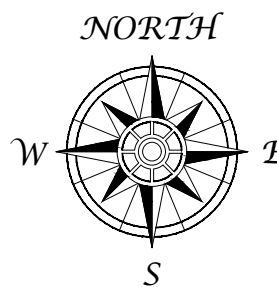
CHUCKWAGON RD

EASTFIELD DR



PLACE 30"x48" VAULT IN DIRT
@ STA - 73+12 20' FROM CL
(VT3)

STA. 73+02
POLE #2141528E
SPRINT NODE# LA36XC519
LOW VOLT POWER FROM LA8004BA_31LAB
UTILITY POLE TO REMAIN FOR SMALL CELL
AERIAL CROWN FIBER TO BE REMOVED



SCALE: 1" = 20'

PREPARED BY:

O-S-P_{RO}
Telecom Solutions, LLC

2001 THIRD ST #H, RIVERSIDE, CA 92507
(626) 320 - 0996 | peterm@ospros.net

CONSTRUCTION PLAN

CROWN CASTLE

624 S GRAND AVE, SUITE 2500
LOS ANGELES, CA. 90017

TD2084825_RH-UG_20A
HACKAMORE RD & EASTFIELD DR
ROLLING HILLS, CA 90274

PROJECT #
XXXXXX

TRACKING #.

XXXXXXXXXXXXXXXXXXXX

REV

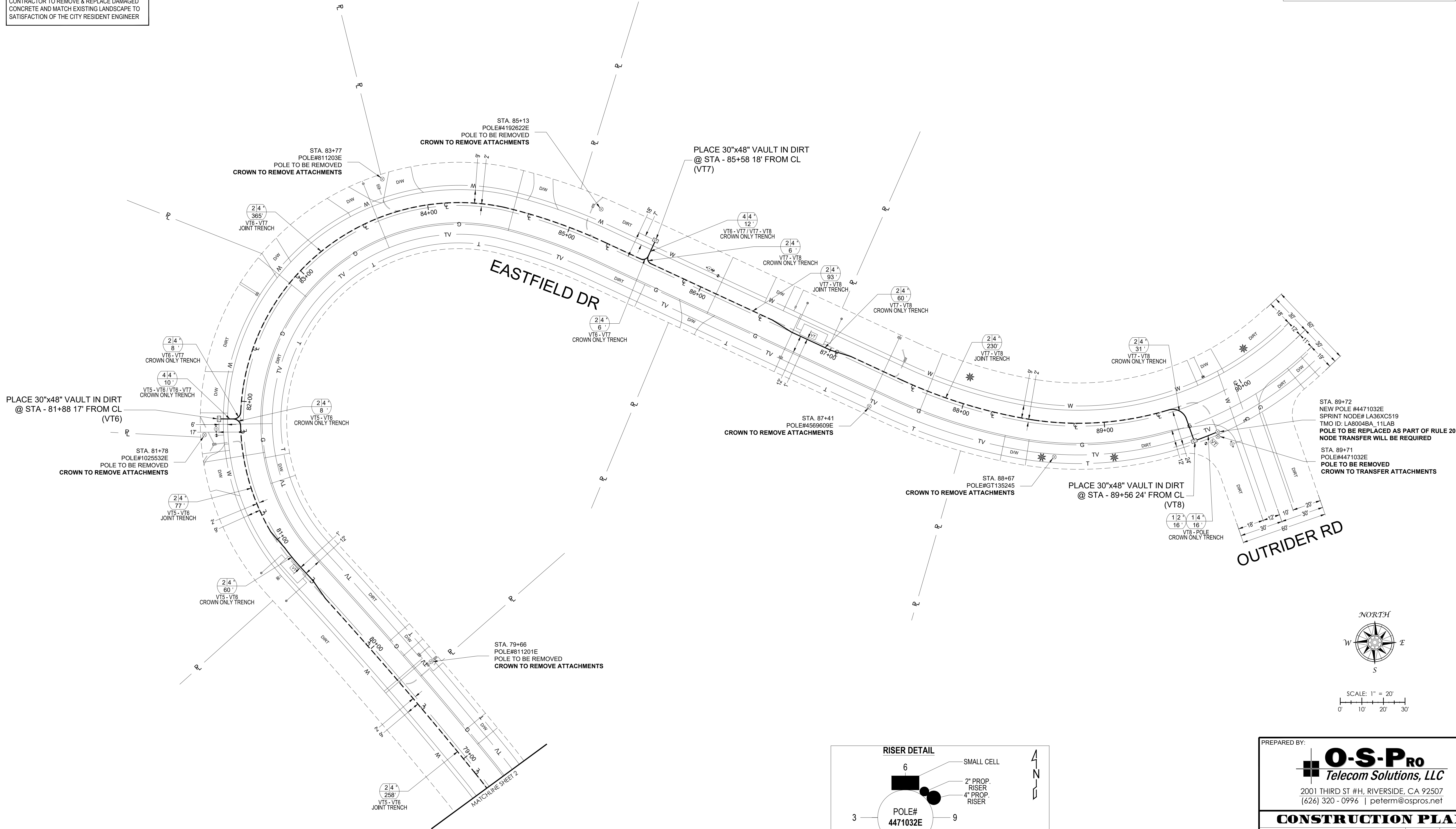
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2 OF 3

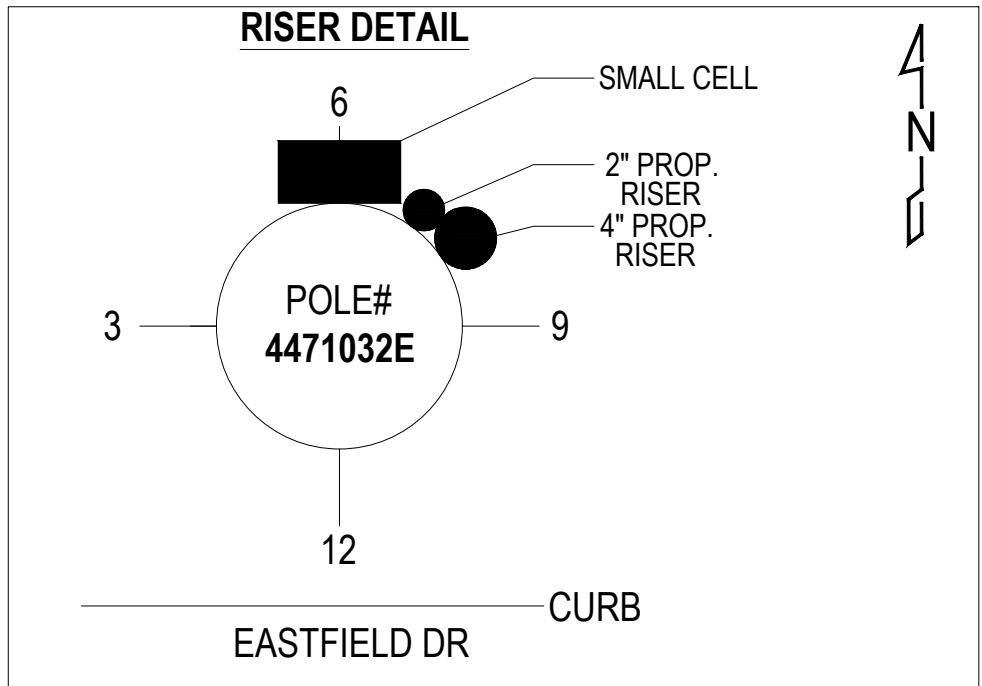
NOTE:
CONTRACTOR TO POT HOLE FOR EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.

NOTE:
CONTRACTOR TO REMOVE & REPLACE DAMAGED CONCRETE AND MATCH EXISTING LANDSCAPE TO SATISFACTION OF THE CITY RESIDENT ENGINEER

NOTICE TO CONTRACTORS
THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HERE WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. CONTRACTOR IS REQUIRED TO LOCATE AND POT HOLE ALL EXISTING UTILITY CROSSINGS PRIOR TO CONSTRUCTION



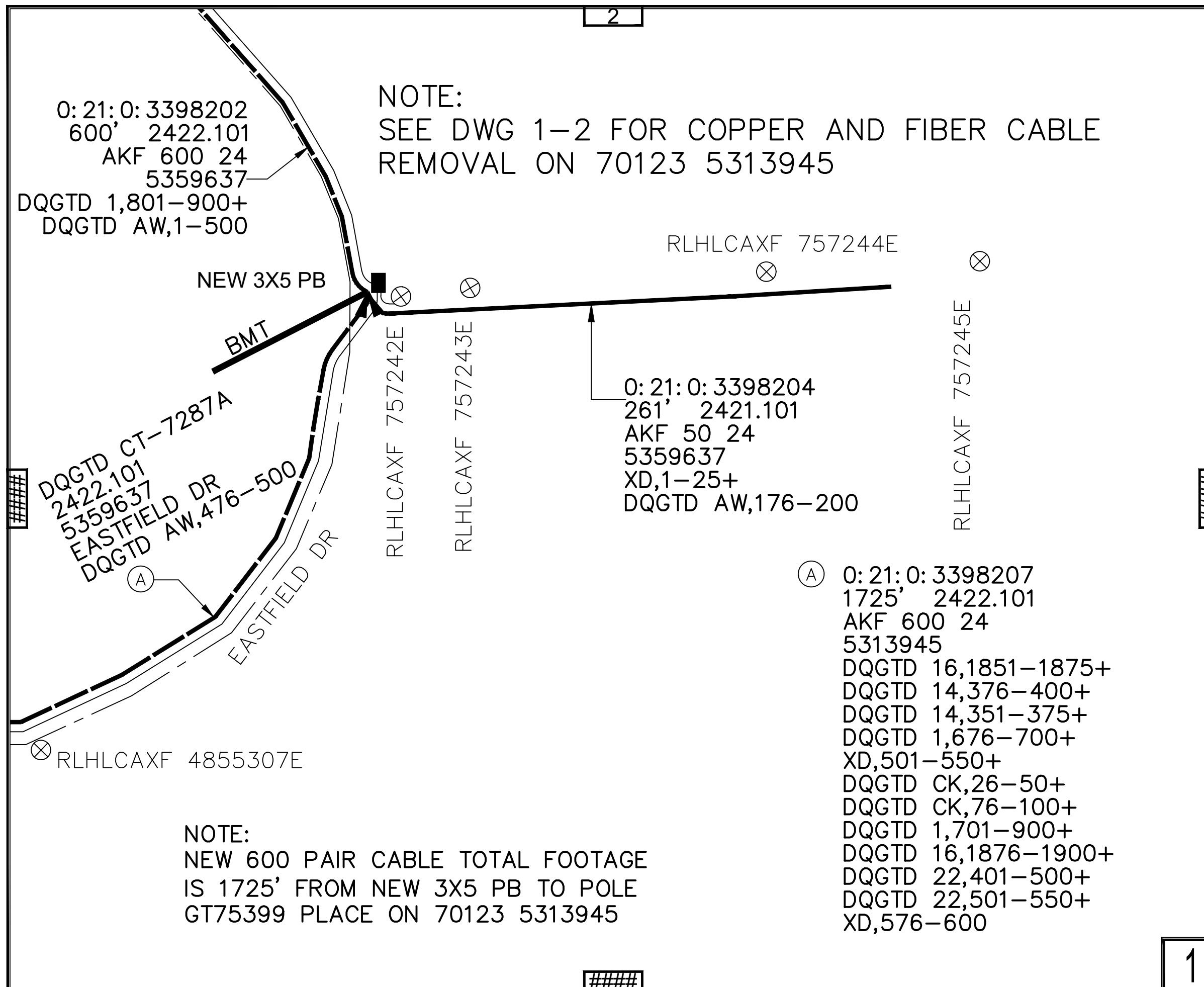
NOTICE TO CONTRACTORS
IN ADDITION TO POT HOLE ALL UTILITY CROSSINGS WHEN BORING, CROWN CASTLE REQUIRES CONTRACTOR TO POT HOLE ADJACENT UTILITIES:
-EVERY 25' WHEN PARALLEL UTILITY IS WITHIN 18"
-EVERY 100' WHEN PARALLEL UTILITY IS WITHIN 5' (OVER 18")



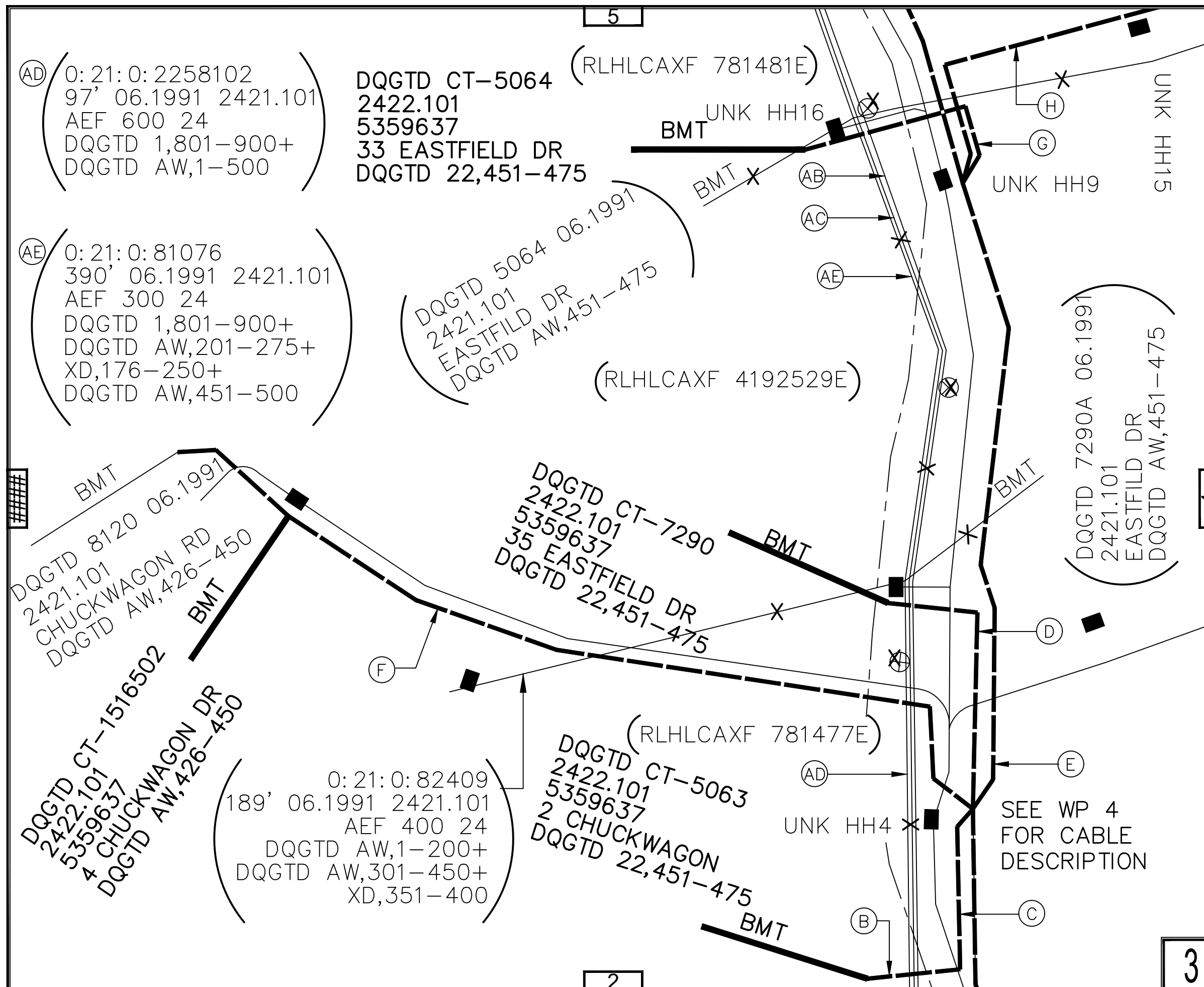
PREPARED BY:
O-S-P_{RO}
Telecom Solutions, LLC
2001 THIRD ST #H, RIVERSIDE, CA 92507
(626) 320 - 0996 | peterm@ospros.net

CONSTRUCTION PLAN			
 CROWN CASTLE 624 S GRAND AVE, SUITE 2500 LOS ANGELES, CA. 90017	DRAWN		
	DESIGN		
	CHECKED		0
	DATE		09
TD2084825_RH-UG_20A HACKAMORE RD & EASTFIELD DR ROLLING HILLS, CA 90274		3	OF
PROJECT # XXXXXX	TRACKING #. XXXXXXXXXXXXXXXXXXXX		REV 0

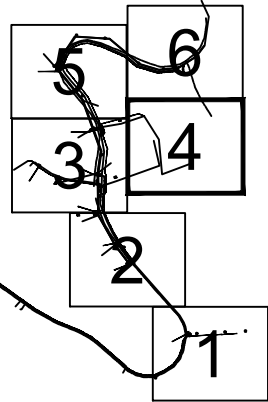
Attachment 05a

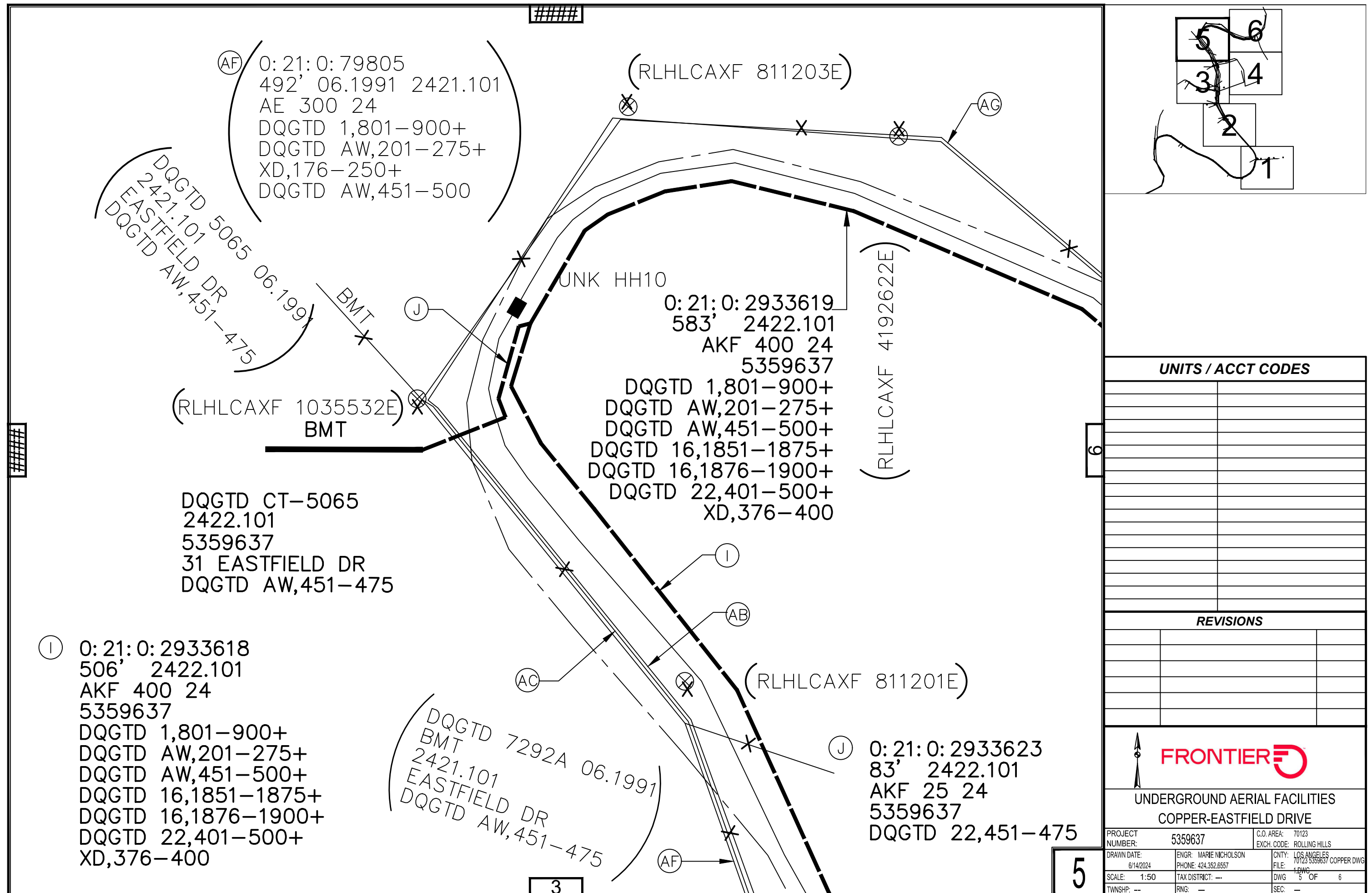
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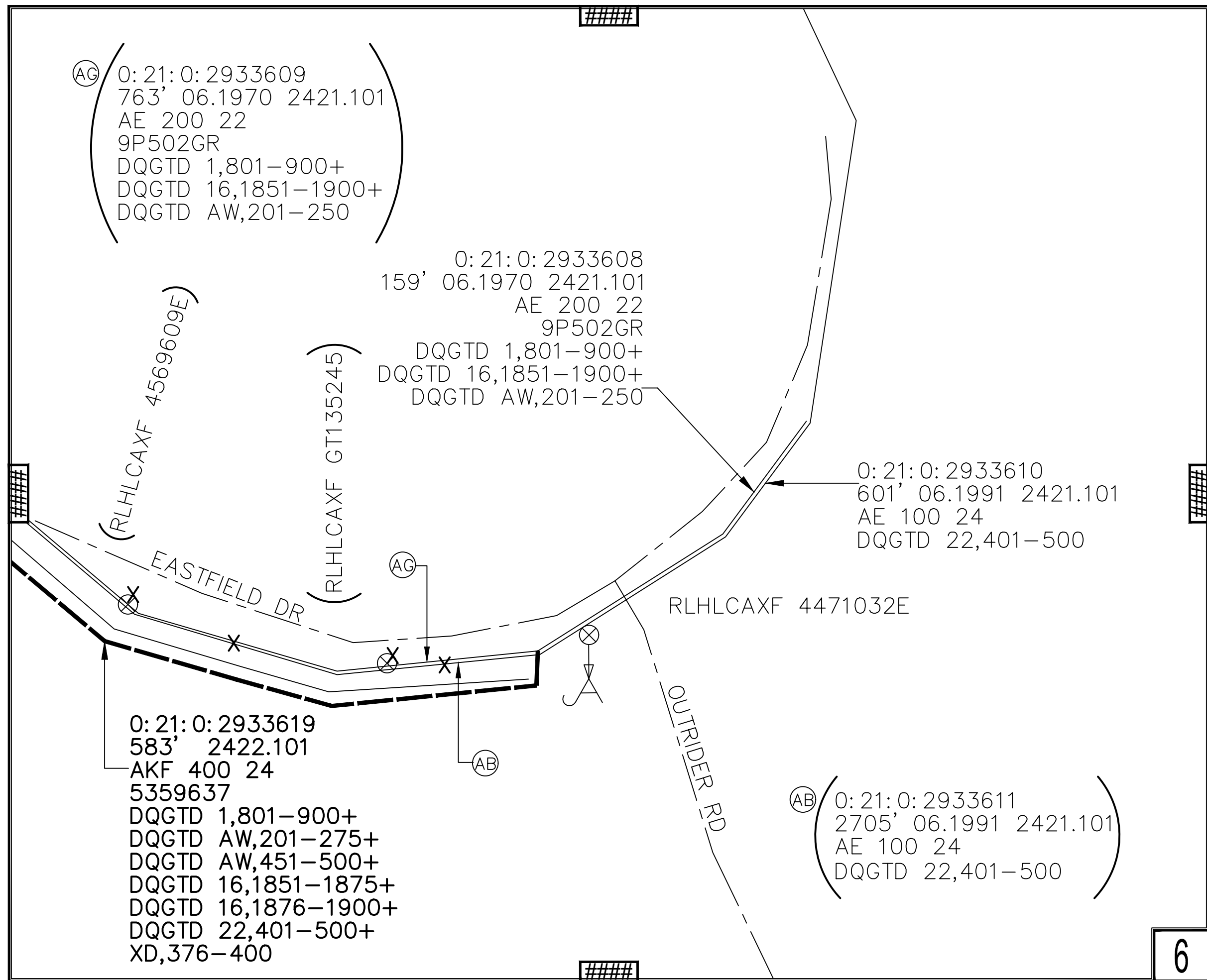
[illegible]

[illegible][illegible]

UNDERGROUND AERIAL FACILITIES COPPER-EASTFIELD DRIVE			
PROJECT NUMBER:		5359637	
C.O. AREA:		70123	
EXCH. CODE:		ROLLING HILLS	
DRAWN DATE: 6/14/2024	ENGR: MARIE NICHOLSON PHONE: 424.352.6557	CNTY: LOS ANGELES FILE: 70123 5359637 COPPER D	
SCALE: 1:50	TAX DISTRICT: ---	DWG 3 OF 6	
TWSHP: --	RNG: --	SEC: ---	

4



[illegible][illegible]

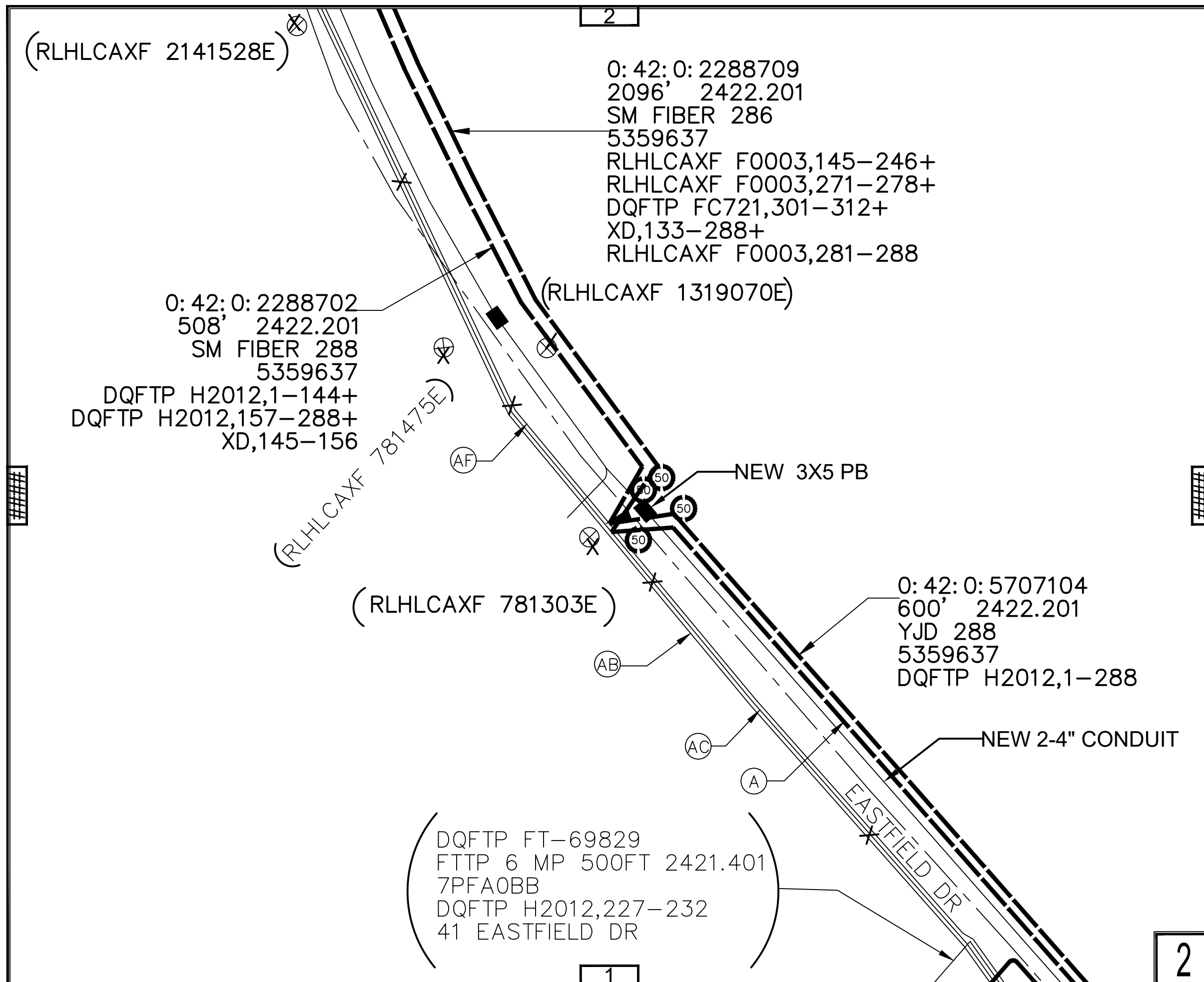
UNDERGROUND AERIAL FACILITIES
COPPER-EASTFIELD DRIVE

PROJECT NUMBER: 5359637		C.O. AREA: 70123	
DRAWN DATE: 6/14/2024		EXCH. CODE: ROLLING HILLS	
ENGR: MARIE NICHOLSON PHONE: 424.352.6557		CITY: LOS ANGELES FILE: 70123 5359637 COPPER DWG	
SCALE: 1:50		DWG 8 OF 8	
TWNHP: --		SEC: --	

Attachment 05b

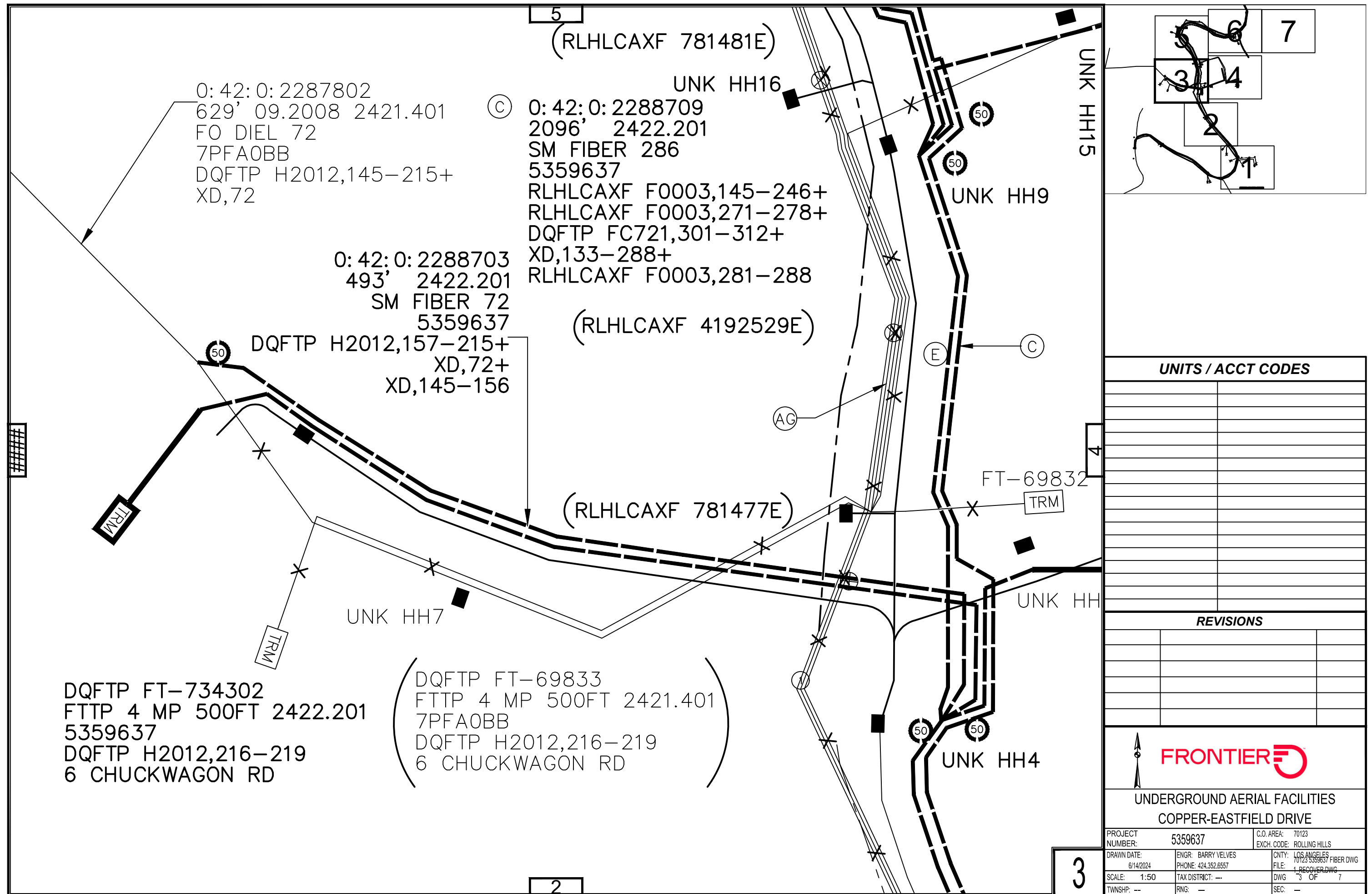
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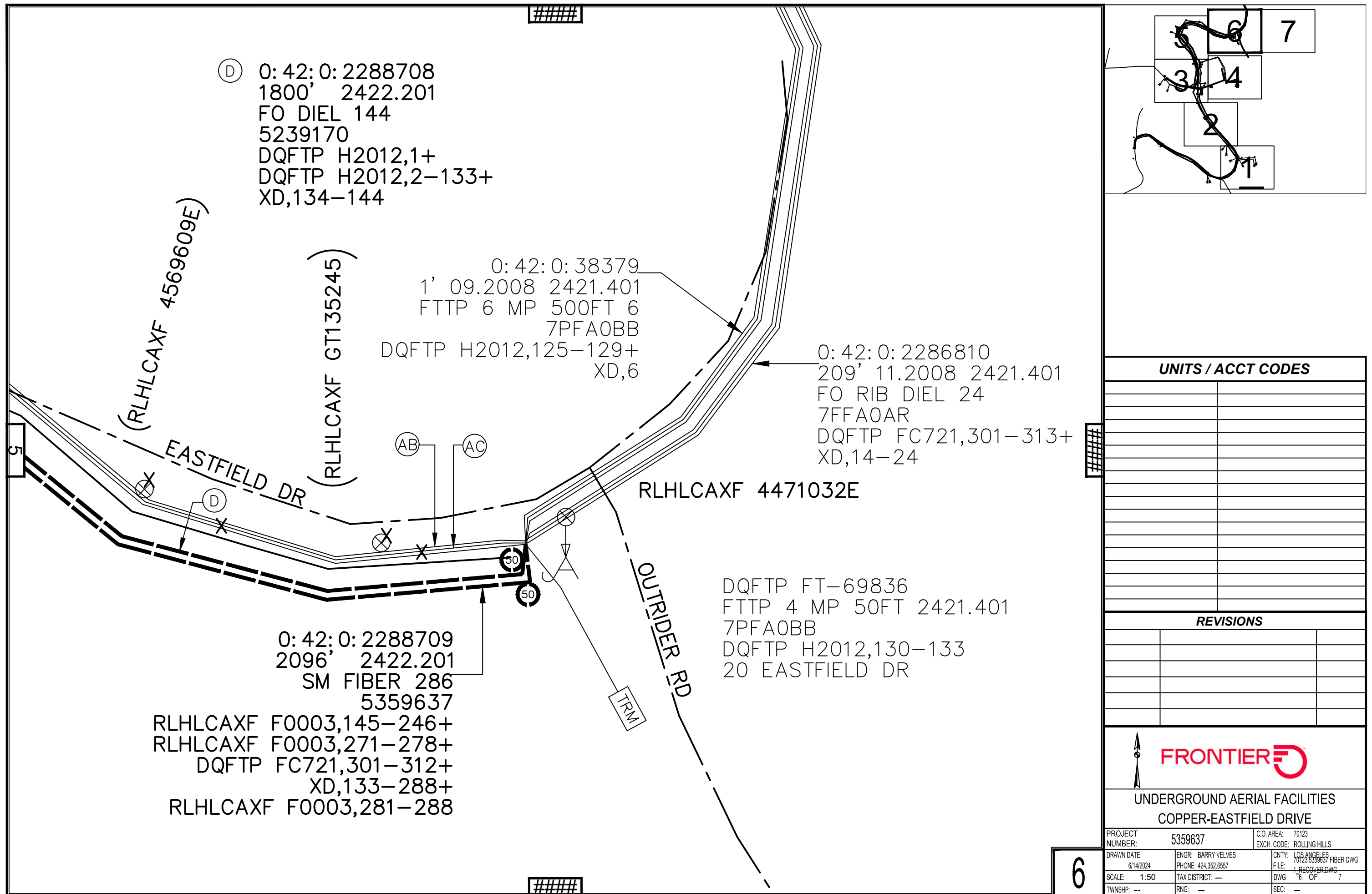
PROJECT NUMBER: 5359637		C.O. AREA: 70123	
DRAWN DATE: 6/14/2024		EXCH. CODE: ROLLING HILLS	
ENGR: BARRY VELVES		CITY: LOS ANGELES	
PHONE: 424.352.6557		FILE: 70123-33061 FIBER DWG	
SCALE: 1:50		DWG 1 OF 7	
TAX DISTRICT: --		RECOVER.DWG	
TWNHP: --		SEC: --	

[illegible][illegible]

UNDERGROUND AERIAL FACILITIES
COPPER-EASTFIELD DRIVE

PROJECT NUMBER: 5359637		C.O. AREA: 70123	
		EXCH. CODE: ROLLING HILLS	
DRAWN DATE: 6/14/2024		ENGR: BARRY VELVES PHONE: 424.352.6557	CNTY: LOS ANGELES 70123 5359637 FIBER DWG 1 RECOVER.DWG
DATE: 1:50		TAX DISTRICT: --	DWG - 2 OF 7
TWSHP: --		RNG: --	SEC: --





AB 0: 42: 0: 2286807
2634' 02.2013 2421.201
YJD 286
7FOA0AU
RLHLCAXF F0003,145-246+
RLHLCAXF F0003,271-278+
DQFTP FC721,301-312+
XD,133-288+
RLHLCAXF F0003,281-288

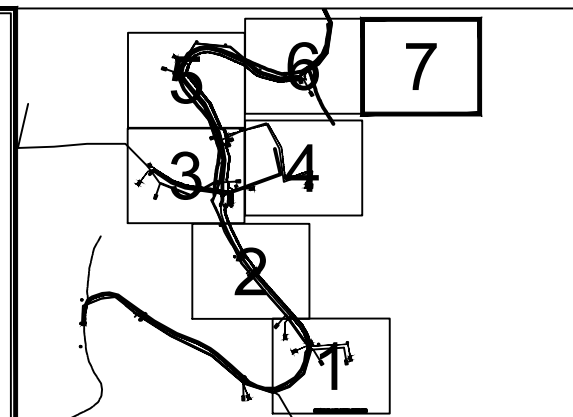
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FO RIB DIEL 24
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DQFTP FC721,301-313+
XD,14-24

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2756' 11.2008 2421.401
FO RIB DIEL 24
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DQFTP FC721,301-313+
XD,14-24

(AD) 0:42:0:899900
1370' 09.2008 2421.401
FO DIEL 288
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(AE) 0: 42: 0: 2286803
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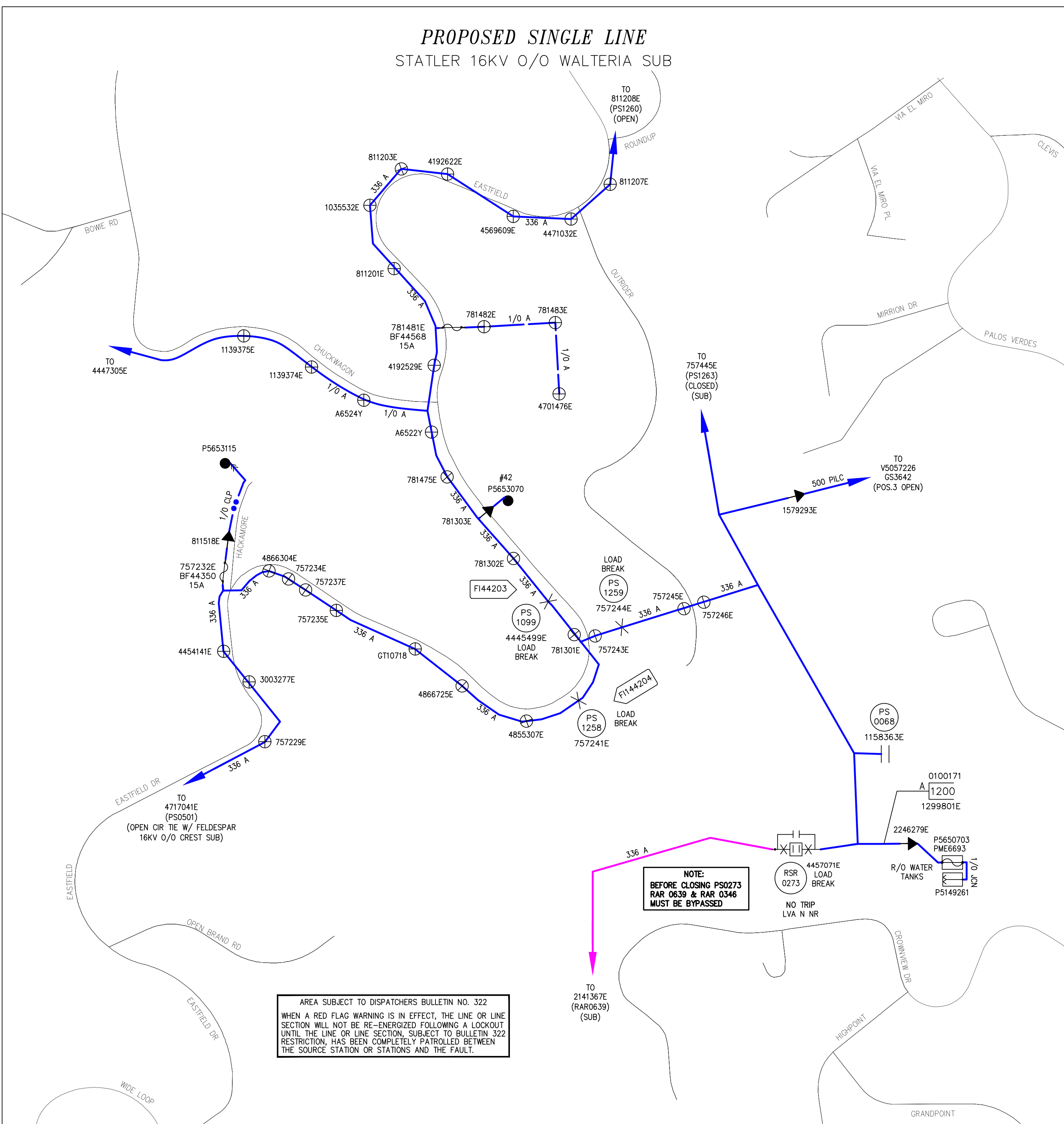
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DQFTP H2012,1-288

[illegible][illegible]

UNDERGROUND AERIAL FACILITIES
COPPER-EASTFIELD DRIVE

PROJECT NUMBER: 5359637		C.O. AREA: 70123	
		EXCH. CODE: ROLLING HILLS	
DRAWN DATE: 6/14/2024	ENGR: BARRY VELVES PHONE: 424.352.8657	CNTY: LOS ANGELES FILE: 70123 5359637 FIBER DWG	
SCALE: 1:50	TAX DISTRICT: ---	DWG 7 OF 7	1 RECOVER.DWG
TWNSHP: ---	RNG: ---	SEC: ---	

Attachment 06



CIRCUIT 1 = STATLER 16KV O/O WALTERIA SUB
CIRCUIT 2 = FELDSPAR 16KV O/O CREST SUB

For Underground Locating Two Working Days Before You Dig

016: Rev. 05/28/20

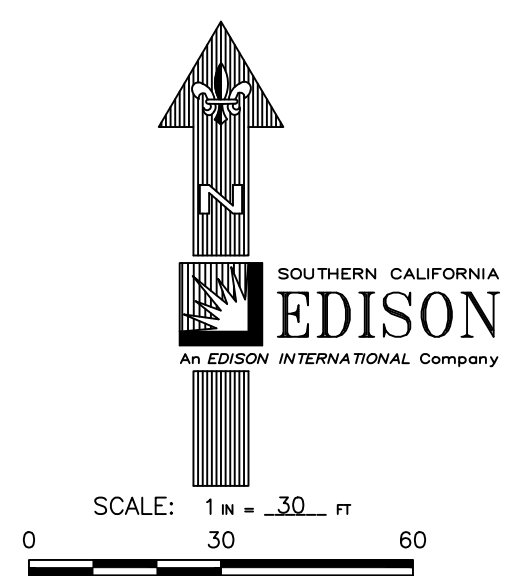
[illegible]

PRELIMINARY
Not For Construction

DISTRICT 44 - SOUTH BAY		PROJ. MGR. MIGUELES, MANUEL PHONE		PLANNER MIGUELES, MANUEL PHONE		DESIGNER MIGUELES, MANUEL	
PROJECT NO. SERVICE REQUEST 2449225 3339283		MSR NO. 1		PROJECT- 2010145-RULE 20B-UH INSTALL		ASSOC. DESIGN 1528404	
CREDIT VOLTAGE STALLER 16KV		GPS		PROJECT-2 2010145-RULE 20B-UH REMOVAL		ASSOC. DESIGN 1528404	
SUB / PG. NO. INVENTORY SUB		CIRCUIT CODE 16946		PROJECT-3		ASSOC. DESIGN	
INVENTORY MAP		SEE ABOVE		J.P.A. NO.		PROPOSED CONSTRUCTION (LOCATION)	
						45 EASTFIELD DR ROLLING HILLS CA 90274	
B 05/22/23		QUES/I/TT		QUES/ITY			
TYPE		DATE		APPROVED BY		CHECKED BY	
DRAWN BY		PAX #		SHEET		DESIGN/DRWG NO.	
Southern California Edison Company				1A		8 1528404 .001	



MATCH LINE
STA. 33+50
SEE SHEET 8
OUTRIDER RD.



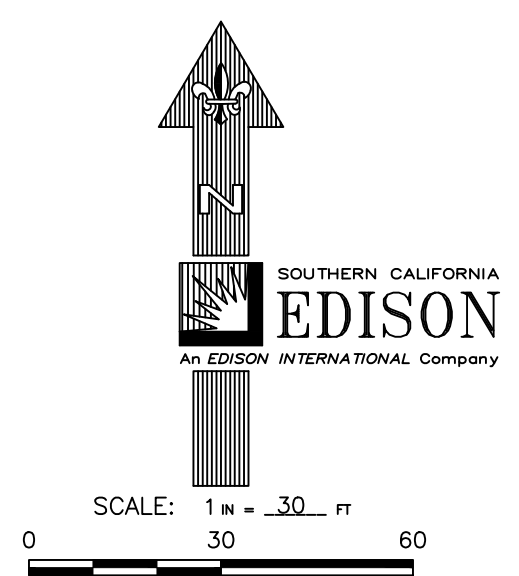
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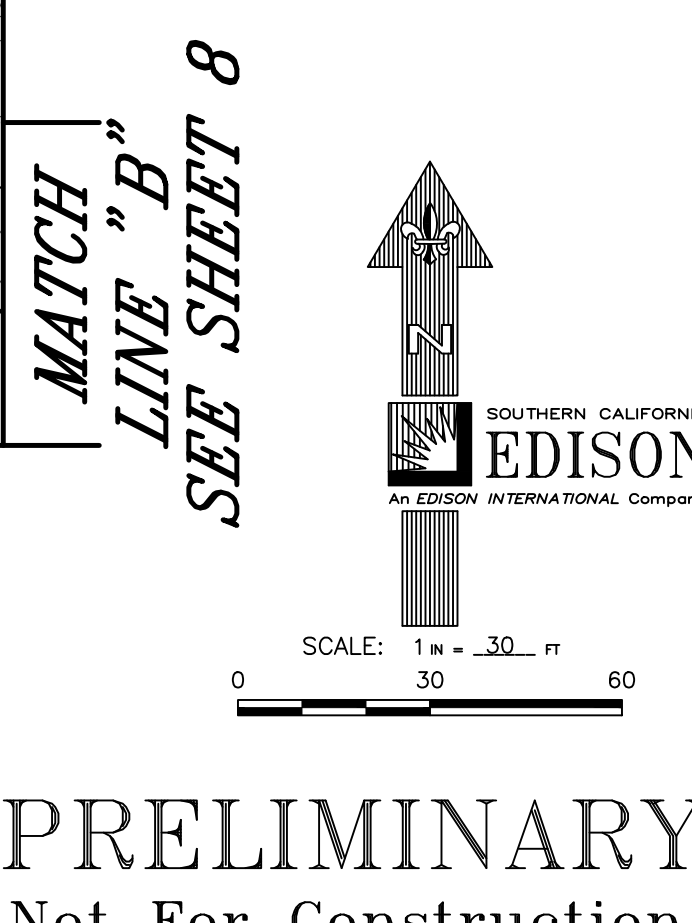
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LT-7635-C	LT-7635-C2
LT-7635-D	LT-7635-C3
LT-7636-G4	LT-7635-C4
LT-7636-H3	LT-7635-E2

PRELIMINARY
Not For Construction

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PRELIMINARY
Not For Construction[illegible]



MATCH LINE STA. 78+00
SEE SHEET 5
STEELE DR.

EASTFIELD DR.
MATCH LINE
STA. 73+00
SEE SHEET 3

MATCH LINE "C"
SEE SHEET 7

**MATCH |
LINE "B"
SEE SHEET 8**

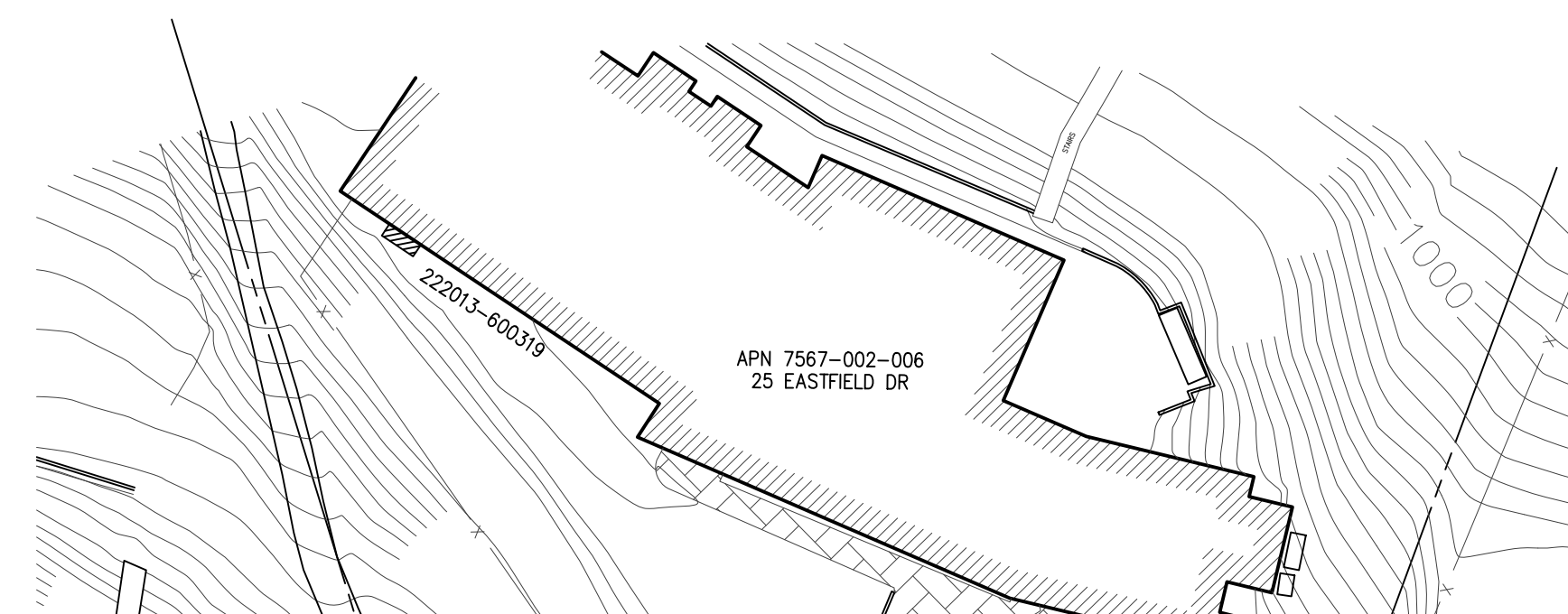
For Underground Locating
Two Working Days Before You Dig

PROJECT NO. 244922		PHONE 3339283		MSR NO.		PRODUCT-1 2010I46-RULE 20B-OH INSTALL		ASSOC DESIGN 1528404	
CIRCUIT / VOLTAGE STATLER 16KV		GPS		PRODUCT-2 2010I45-RULE 20B-OH REMOVAL		ASSOC DESIGN 1528404			
SUBJ / PR NO WALTERIA SUB		CIRCUIT CODE 16946		PRODUCT-3		ASSOC DESIGN			
INVENTORY MAP		SEE ABOVE		J.P.A. NO.		PROPOSED CONSTRUCTION (LOCATION)			
						45 EASTFIELD DR			
						ROLLING HILLS CA 90274			
B	05/22/23		QUES/R/TI	QUES/TY	PAX #				
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	SHEET	DESIGN/DWG NO.			
Southern California Edison Company						4 - 8 1528404 0.01			

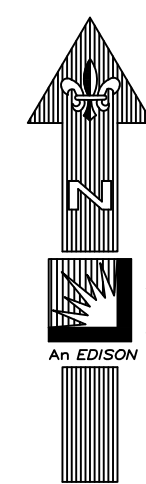
MATCH LINE "E"
SEE BOTTOM RIGHT



EASTFIELD DR
MATCH LINE STA. 87+00
SEE SHEET 6



MATCH LINE "E"
SEE TOP LEFT



SOUTHERN CALIFORNIA
EDISON
An EDISON INTERNATIONAL Company

SCALE: 1 IN = 30 FT

INVENTORY MAP NO.'S	
LT-7636-G	LT-7635-A2
LT-7636-H	LT-7635-A4
LT-7635-A	LT-7635-B1
LT-7635-B	LT-7635-C1
LT-7635-C	LT-7635-C2
LT-7635-D	LT-7635-C3
LT-7636-G4	LT-7635-C4
LT-7636-H3	LT-7635-E2

PRELIMINARY
Not For Construction

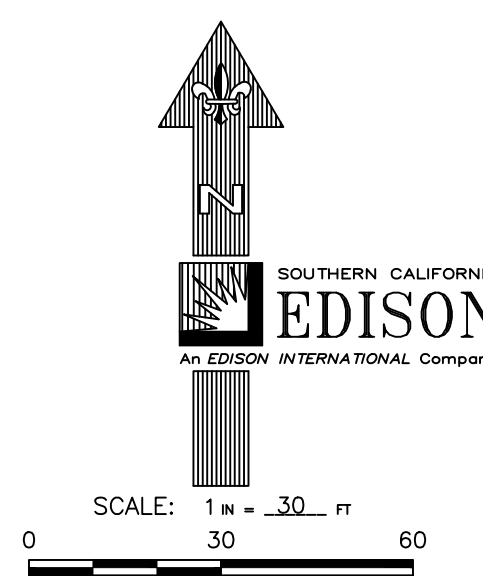
SURVEYED
DATE: 4-22-23

UNDERGROUND SERVICE ALERT
Contact USA
Dial 811 or 800-422-4133
www.digalert.org/contact

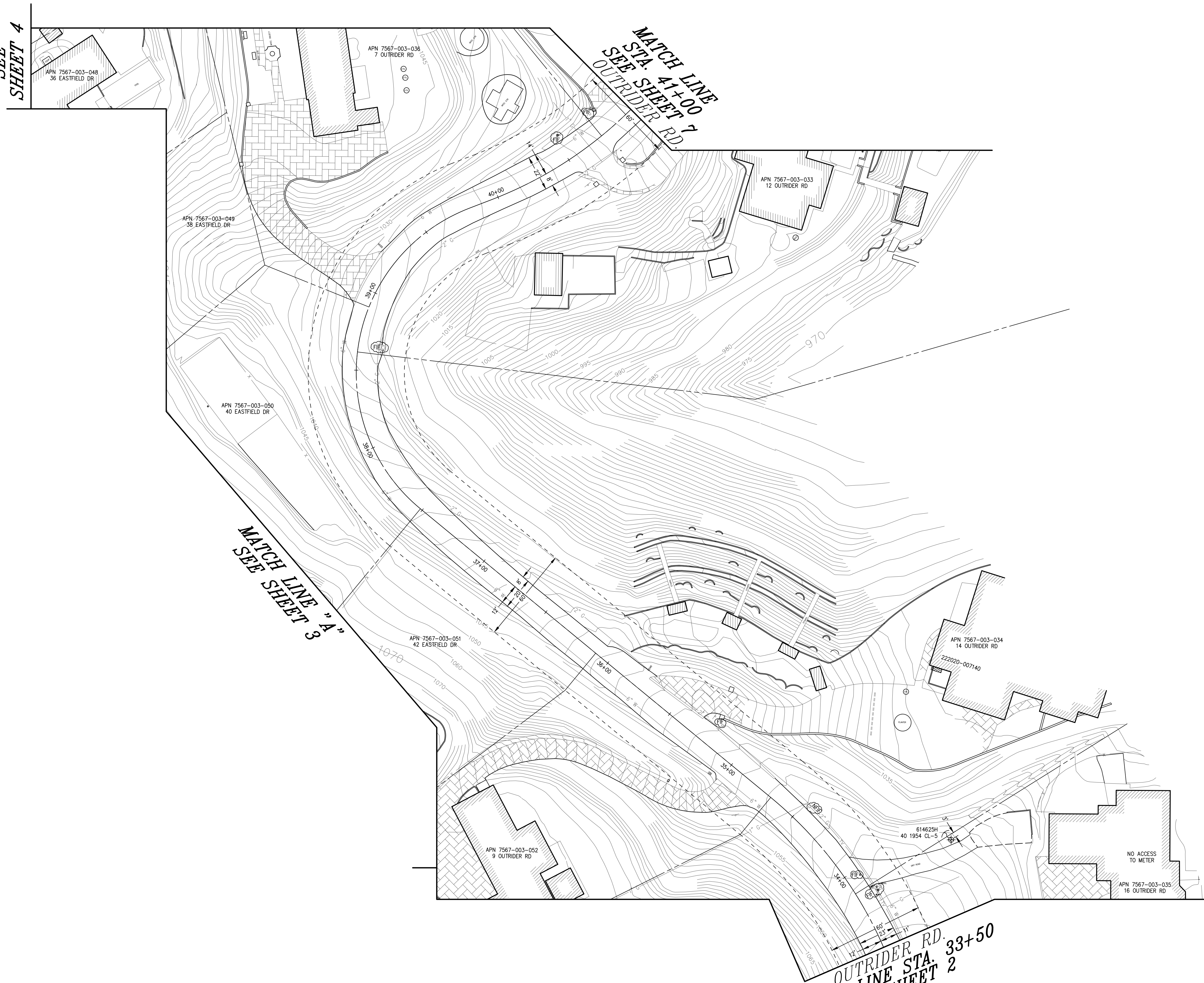
For Underground Locating
Two Working Days Before You Dig

[illegible]

DISTRICT 44 -- SOUTH BAY		PHGL MGR: MIGUELES, MANUEL		PLANNER MIGUELES, MANUEL		DESIGNER MIGUELES, MANUEL	
44 -- SOUTH BAY 2449225		SERVICE REQUEST 3339283		PROJECT-1 2010146--RULE 20B-UG INSTALL		ASSOC DESG 1528404	
CIRCUIT / VOLTAGE STALLER 16KV		MSR NO.		PROJECT-2 2010143--RULE 20B-OH REMOVAL		ASSOC DESG 1528404	
SUB / PG NO. WALTERIA SUB		CIRCUIT CODE 16946		PROJECT-3		ASSOC DESG	
INVENTORY MAP SEE ABOVE		J.P.A. NO.		PROPOSED CONSTRUCTION (LOCATION)			
				45 EASTFIELD DR ROLLING HILLS CA 90274			
B 05/22/23		QUES/RTT		QUS/ITY		DESIGN/DRWG NO.	
APPROVED BY		CHECKED BY		DRAWN BY		PAX #	
TYPE		DATE		SHEET		1528404 0.01	
Southern California Edison Company							

PRELIMINARY
Not For Construction

DISTRICT 44 SOUTH BAY		PROJ. MGR. MIGUELES, MANUEL PHONE		PLANNER MIGUELES, MANUEL PHONE		DESIGNER MIGUELES, MANUEL	
PROJECT NO. SERVICE REQUEST 2449225 3339283		MSR NO.		PRODUCT 2010146-RULE 20B-UH INSTALL		ASSOC DESIGN 1528404	
CADDUT / VOLTAGE STATLER 15KV		GPS		PRODUCT-2 2010146-RULE 20B-UH REMOVAL		ASSOC DESIGN 1528404	
SUB / PG NO. WALTERIA SUB		CREW/CODE 169146		PRODUCT-3		ASSOC DESIGN	
INVENTORY MAP SEE ABOVE				I.P.A. NO.			
				PROPOSED CONSTRUCTION (LOCATION)			
				45 EASTFIELD DR			
				ROLLING HILLS CA 90274			
B 05/22/23		QUES/I/T/T		QUES/T/Y			
TYPE DATE APPROVED BY		CHECKED BY		DRAWN BY		PAX #	
Southern California Edison Company				SHEET 7 of 8		DESIGN/DRWG NO. 1528404_0.01	



OUTRIDER RD.

MATCH LINE STA. 33+50

SEE SHEET 2

SURVEYED

SURVEYED
DATE: 4-22-23

UNDERGROUND SERVICE ALERT
Contact USA
Dial 811 or 800-422-4133
www.digalert.org/contact

For Underground Locating
Working Days Before You Dig

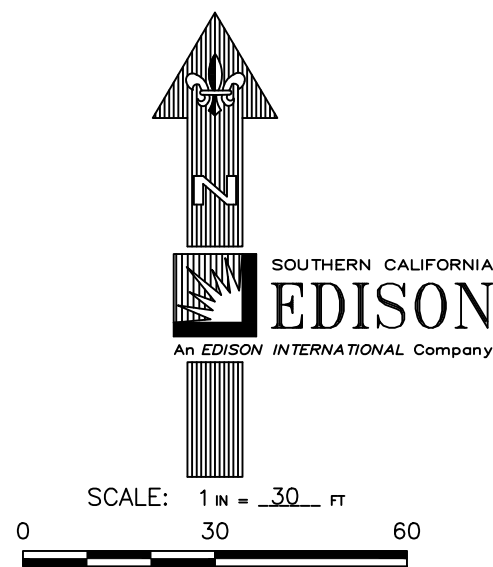
016: Rev. 05/28/20

[illegible]

DISTRICT 44 - SOUTH BAY		PROJ. MGR. MIGUELES, MANUEL		PLANNER MIGUELES, MANUEL		DESIGNER MIGUELES, MANUEL	
PROJECT NO. SERVICE REQUEST 2442225 3339283		MSR NO.		PRODUCT-1 2010146-RULE 20B-UH INSTALL		ASSOC DESIGN 1528404	
CARGO / VOLTAGE TALLER 15KV		GPS		PRODUCT-2 2010146-RULE 20B-UH REMOVAL		ASSOC DESIGN 1528404	
SUB / PG. NO. WALTERIA. SUB		CIRCUIT CODE 16946		PRODUCT-3		ASSOC DESIGN	
INVENTORY MAP SEE ABOVE		I.P.A. NO.		PROPOSED CONSTRUCTION (LOCATION)			
				45 EASTFIELD DR			
				ROLLING HILLS CA 90274			
B 05/22/23		QUES/I/TT		QUES/TY			
APPROVED BY		CHECKED BY		DRAWN BY		SHEET	
Southern California Edison Company				PAX 4		DESIGN/DWG. NO.	
						8 OF 8 1528404_0.01	

INVENTORY MAP NO.'S	
T-7636-G	LT-7635-A2
T-7636-H	LT-7635-A4
T-7635-A	LT-7635-B1
T-7635-B	LT-7635-C1
T-7635-C	LT-7635-C2
T-7635-D	LT-7635-C3
T-7636-G4	LT-7635-C4
T-7636-H3	LT-7635-E2

PRELIMINARY
Not For Construction



Attachment 07

CITY OF ROLLING HILLS **PROFESSIONAL SERVICES AGREEMENT**

THIS AGREEMENT made and entered into this _____ day of _____, 20__ between the City of Rolling Hills, a municipal corporation, hereinafter referred to as "CITY" and [INSERT NAME OF CONTRACTOR] with principal offices at [INSERT ADDRESS], hereinafter referred to as "CONSULTANT."

1. RECITALS:

A. The CITY desires to contract the CONSULTANT for civil engineering services preparing construction documents to underground existing utilities on Crest Road East from 92 Crest Road East to the City's easterly gated border

B. CONSULTANT is well qualified by reason of education and experience to perform such services; and

C. CONSULTANT is willing to render such civil engineering services preparing construction documents to underground existing utilities as hereinafter defined.

Now, therefore, for and in consideration of the mutual covenants and conditions herein contained, CITY hereby engages CONSULTANT and CONSULTANT agrees to perform the services set forth in this AGREEMENT.

2. SCOPE OF WORK

CONSULTANT shall perform all work necessary to complete in a manner satisfactory to CITY the services set forth in the specifications and the scope of work described in Section 2.0 Scope of Services in the REQUEST FOR PROPOSALS CIVIL ENGINEERING SERVICES FOR RULE 20C PORTION OF City of Rolling Hills CalOES/FEMA Rule 20 Hazard Mitigation Program Crest Road East Fire Prevention Power Line Undergrounding Project Disaster / Subaward #DR4344-526-112R. Attached herein as Exhibit A (referred to as "SERVICES").

3. COST

The CITY agrees to pay CONSULTANT for all the work or any part of the work performed under this AGREEMENT at the rates and in the manner established in the attached Cost of Services, attached herein as Exhibit B.

Total contract shall not exceed the sum of [INSERT AMOUNT] . This fee includes all expenses, consisting of all local travel, attendance at meetings, printing and submission of any plans or any other documents required by the Scope of Work. It also includes any escalation or inflation factors anticipated.

Any increase in contract amount or scope shall be approved by expressed written amendment executed by the CITY and CONSULTANT.

4. METHOD OF PAYMENT

CONSULTANT shall be reimbursed within 30 (thirty) days of submitting an invoice to City for the SERVICES. CONSULTANT shall submit an invoice for the SERVICES within 10 (ten) days of completing each task or portion thereof identified in Exhibit A to this AGREEMENT. CONSULTANT shall submit invoices electronically to the City Manager of the CITY and shall also provide a courtesy copy by U.S. Mail addressed to the City Manager of the CITY.

5. SUBCONTRACTING

CONSULTANT may employ qualified independent subcontractor(s) to assist CONSULTANT in the performance of SERVICES with CITY's prior written approval.

6. COMMENCEMENT OF WORK

CONSULTANT shall commence work under this AGREEMENT upon execution of this AGREEMENT.

7. PERFORMANCE TO SATISFACTION OF CITY

CONSULTANT agrees to perform all work to the reasonable satisfaction of CITY and within the time hereinafter specified.

8. COMPLIANCE WITH LAW

All SERVICES rendered hereunder shall be provided in accordance with the requirements of relevant local, State and Federal Law.

(A). Federal Requirements

FEMA financial assistance will be used to fund all or a portion of this contract. The CONSULTANT shall comply with all federal requirements including, but not limited to, the following:

- (i). 2 C.F.R. Part 200 – Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, which is expressly incorporated herein by reference.
- (ii). Federal Contract Provisions attached hereto as Exhibit C and incorporated herein by reference.

Subcontracts, if any, shall contain a provision making them subject to all of the provisions stipulated in the contract, including but not limited to, 2 C.F.R. Part 200 and the Federal Contract Provisions.

With respect to any conflict between such federal requirements and the terms of this contract and/or the provisions of state law and except as otherwise required under federal law or regulation, the more stringent requirement shall control.

9. ACCOUNTING RECORDS

CONSULTANT must maintain accounting records and other evidence pertaining to costs incurred which records and documents shall be kept available at the CONSULTANT's office during the contract period and thereafter for five years from the date of final payment.

10. OWNERSHIP OF DATA

All data, maps, photographs, and other material collected or prepared under the contract shall become the property of the CITY.

11. TERM OF CONTRACT

The term of this Agreement shall be from [Insert start date] to [Insert end date], unless earlier terminated as provided herein. The Parties may, by mutual, written consent, extend the term of this Agreement if necessary to complete the Project. Consultant shall perform its services in a prompt and timely manner within the term of this Agreement and shall commence performance upon notice from the City.

12. TERMINATION

This contract may be terminated by either party with or without cause upon seven (7) days written notice to the other party. All work satisfactorily performed pursuant to the contract and prior to the date of termination may be claimed for reimbursement.

13. ASSIGNABILITY

CONSULTANT shall not assign or transfer interest in this contract without the prior written consent of the CITY.

14. AMENDMENT

It is mutually understood and agreed that no alteration or variation of the terms of this contract, or any subcontract requiring the approval of the CITY, shall be valid unless made in writing, signed by the parties hereto, and approved by all necessary parties.

15. NON-SOLICITATION CLAUSE

The CONSULTANT warrants that he or she has not employed or retained any company or persons, other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this contract. For breach or violation of this warranty, the CITY shall have the right to annul this contract without liability, or, in its discretion to deduct from the contract price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

16. INDEMNITY

CONSULTANT shall indemnify and save harmless CITY, its elected and appointed officers and employees from all claims, damages, suits, cost or actions of every name, kind or description, brought for, or on account of, (i) injuries to or death of any person, (ii) damage to property or (iii) arising from performance of this AGREEMENT in any manner that resulted from the fault or negligence of CONSULTANT, its officers, agents, employees and/or servants in connection with this AGREEMENT.

CITY shall indemnify and save harmless CONSULTANT, its officers, agents, employees, and servants from all claims, damages, suits, costs or actions of every name, kind, or description, brought for, or on account of, (i) injuries to or death of any person, (ii) damage to property or (iii) arising from performance of this AGREEMENT in any manner that resulted from the fault or negligence of the CONSULTANT, its officers, agents, employees, and/or servants in connection with this AGREEMENT.

If CONSULTANT should subcontract all or any portion of the SERVICES to be performed under this AGREEMENT, CONSULTANT shall require each subcontractor to indemnify, hold harmless and defend CITY and each of its officers, officials, employees, agents and volunteers in accordance with the term of the preceding paragraph. This section shall survive termination or expiration of this AGREEMENT.

17. INSURANCE

A. Without limiting CONSULTANT'S obligations arising under paragraph 16 - Indemnity, CONSULTANT shall not begin work under this AGREEMENT until it obtains policies of insurance required under this section. The insurance shall cover CONSULTANT, its agents, representatives and employees in connection with the performance of work under this AGREEMENT, and shall be maintained throughout the term of this AGREEMENT. Insurance coverage shall be as follows:

i. Automobile Liability Insurance with minimum coverage of \$300,000 for property damage, \$300,000 for injury to one person/single occurrence, and \$300,000 for injury to more than one person/single occurrence.

ii. Public Liability and Property Damage Insurance, insuring CITY its elected and appointed officers and employees from claims for damages for personal injury, including death, as well as from claims for property damage which may arise from CONSULTANT'S actions under this AGREEMENT, whether or not done by

CONSULTANT or anyone directly or indirectly employed by CONSULTANT. Such insurance shall have a combined single limit of not less than \$500,000.

iii. Worker's Compensation Insurance for all CONSULTANT'S employees to the extent required by the State of California. CONSULTANT shall require all subcontractors who are hired by CONSULTANT to perform the SERVICES and who have employees to similarly obtain Worker's Compensation Insurance for all of the subcontractor's employees.

iv. Professional Liability Insurance for CONSULTANT that at a minimum covers professional misconduct or lack of the requisite skill required for the performances of SERVICES in an amount of not less than \$500,000 per occurrence.

B. Deductibility Limits for policies referred to in subparagraphs A (i) (ii) and (iii) shall not exceed \$5,000 per occurrence.

C. Additional Insured. City, its elected and appointed officers and employees shall be named as additional insured on policies referred to in subparagraphs A (i) and (ii).

D. Primary Insurance. The insurance required in paragraphs A (i) and (ii) shall be primary and not excess coverage.

E. Evidence of Insurance. Consultant shall furnish CITY, prior to the execution of this AGREEMENT, satisfactory evidence of the insurance required, issued by an insurer authorized to do business in California, and an endorsement to each such policy of insurance evidencing that each carrier is required to give CITY at least 30 days prior written notice of the cancellation of any policy during the effective period of the AGREEMENT. All required insurance policies are subject to approval of the City Attorney. Failure on the part of CONSULTANT to procure or maintain said insurance in full force and effect shall constitute a material breach of this AGREEMENT or procure or renew such insurance, and pay any premiums therefore at CONSULTANT'S expense.

18. ENFORCEMENT OF AGREEMENT

In the event that legal action is commenced to enforce or declare the rights created under this AGREEMENT, the prevailing party shall be entitled to an award of costs and reasonable attorney's fees in the amount to be determined by the court.

19. CONFLICTS OF INTEREST

No member of the governing body of the CITY and no other officer, employee, or agent of the CITY who exercises any functions or responsibilities in connection with the planning and carrying out of the program, shall have any personal financial interest, direct or indirect, in this AGREEMENT; and the CONSULTANT further covenants that in the

performance of this AGREEMENT, no person having any such interest shall be employed.

20. INDEPENDENT CONTRACTOR

The CONSULTANT is and shall at all times remain as to the CITY a wholly independent contractor. Neither the CITY nor any of its agents shall have control over the conduct of the CONSULTANT or any of the CONSULTANT's employees or subcontractors, except as herein set forth. The CONSULTANT shall not at any time or in any manner represent that it or any of its agents or employees are in any manner agents or employees of the CITY.

21. ENTIRE AGREEMENT OF THE PARTIES

This AGREEMENT supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the employment of CONSULTANT by CITY and contains all the covenants and agreements between the parties with respect to such employment in any manner whatsoever. Each party to this AGREEMENT acknowledges that no representations, inducements, promises or agreements, orally or otherwise, have been made by any party, or anyone acting on behalf of any party, which are not embodied herein, and that no other agreement or amendment hereto shall be effective unless executed in writing and signed by both CITY and CONSULTANT.

22. NOTICES.

All written notices required by, or related to this AGREEMENT shall be sent by Certified Mail, Return Receipt Requested, postage prepaid and addressed as listed below. Neither party to this AGREEMENT shall refuse to accept such mail; the parties to this AGREEMENT shall promptly inform the other party of any change of address. All notices required by this AGREEMENT are effective on the day of receipt, unless otherwise indicated herein. The mailing address of each party to this AGREEMENT is as follows:

CITY: Elaine Jeng, PE, City Manager
City of Rolling Hills
No. 2 Portuguese Bend Road
Rolling Hills, CA 90274

CONSULTANT: [INSERT NAME OF CONSULTANT]
Attn: [INSERT NAME]
[INSERT ADDRESS]

23. GOVERNING LAW

This AGREEMENT shall be governed by and construed in accordance with the laws of the State of California, and all applicable federal statutes and regulations as amended.

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT on the date and year first above written.

CITY OF ROLLING HILLS

CONSULTANT

CITY MANAGER

ELAINE JENG, PE

DATE: _____

DATE: _____

ATTEST:

CITY CLERK

APPROVED AS TO FORM:

MICHAEL JENKINS, CITY ATTORNEY

Exhibit A

Scope of Work

SAMPLE

Exhibit B

Cost of Services

SAMPLE

Exhibit C

FEDERAL CONTRACT PROVISIONS

During the performance of this contract, Consultant shall comply with all applicable federal laws and regulations including but not limited to the federal contract provisions in this Exhibit.

1. **CONTRACTING WITH SMALL AND MINORITY FIRMS, WOMEN'S BUSINESS ENTERPRISE AND LABOR SURPLUS AREA FIRMS (2 C.F.R. § 200.321)**

- (A) Consultant shall be subject to 2 C.F.R. § 200.321 and will take affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used when possible and will not be discriminated against on the grounds of race, color, religious creed, sex, or national origin in consideration for an award.
- (B) Affirmative steps shall include:
 - (i) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
 - (ii) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
 - (iii) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises;
 - (iv) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises; and
 - (v) Using the services/assistance of the Small Business Administration (SBA), and the Minority Business Development Agency (MBDA) of the Department of Commerce.

Consultant shall submit evidence of compliance with the foregoing affirmative steps when requested by the City. Notwithstanding the foregoing, the affirmative steps requirements detailed above do not apply in the case of a noncompetitive procurement made under the emergency exception/exigency exception to competitive procurements.

2. **COST PRINCIPLES (2 C.F.R. PART 200, SUBPART E)**

- (A) If any indirect costs will be charged to the City under this contract, such costs must conform to the cost principles set forth under the Uniform Rules at 2 C.F.R. Part 200, subpart E ("Cost Principles"). In general, costs must (i) be necessary and reasonable; (ii) allocable to the grant award; (iii) conform to any limitations or exclusions set forth in the Cost Principles; (iv) be adequately documented; and (v) be determined in accordance with generally accepted accounting principles ("GAAP"), except, for state and local governments and Indian tribes only, as otherwise provided for in 2 C.F.R. Part 200, subpart E. 2 C.F.R. § 200.403. Costs that are determined unallowable pursuant to a federal audit are subject to repayment by Consultant.

3. **ACCESS TO RECORDS & RECORD RETENTION (2 C.F.R. 200.336)**

- (A) Consultant shall comply with 2 C.F.R. § 200.336 and provide the Federal Agency, Inspectors General, the Comptroller General of the United States, City, and the State of California or any of their authorized representatives access, during normal business hours, to documents, papers, books and records which are directly pertinent to this contract for the purposes of making and responding to audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to the Consultant's personnel for the purpose of interview and discussion related to the books and records.
- (B) The Consultant agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- (C) The Consultant agrees to provide the Federal Agency or its authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.
- (D) In compliance with the Disaster Recovery Act of 2018, the City and Consultant acknowledge and agree that no language in this contract is intended to prohibit audits or internal review by the FEMA Administrator or the Comptroller General of the United States.

4. **REQUIRED CONTRACT PROVISIONS IN ACCORDANCE WITH APPENDIX II TO PART 200 – CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.326)**

- (A) Appendix II to Part 200 (A); Appendix II to Part 200 (B): Remedies for Breach; Termination for Cause/Convenience. If the contract is in excess of \$10,000 and the contract does not include provisions for both termination for cause and termination for convenience by the City, including the manner by which it will be effected and the basis for settlement, then the following termination clauses shall apply. If the contract is for more than the simplified acquisition threshold (see 2 C.F.R. § 200.88) and does not provide for administrative, contractual, or legal remedies in instances where Contractor violates or breaches the terms of the contract, then the following termination clauses shall apply and have precedence over the contract. Otherwise, the following termination clauses shall not be applicable to the contract.

- (i) Termination for Convenience. The City may, by written notice to Consultant, terminate this contract for convenience, in whole or in part, at any time by giving written notice to Consultant of such termination, and specifying the effective date thereof ("Notice of Termination for Convenience"). If the termination is for the convenience of the City, the City shall compensate Consultant for work or materials fully and adequately provided through the effective date of termination. No amount shall be paid for unperformed work or materials not provided, including anticipated profit. Consultant shall provide documentation deemed adequate by the City to show the work actually completed or materials provided by Consultant prior to the effective date of termination. This contract shall terminate on the effective date of the Notice of Termination.
- (ii) Termination for Cause. If Consultant fails to perform pursuant to the terms of this contract, the City shall provide written notice to Consultant specifying the default ("Notice of Default"). If Consultant does not cure such default within ten (10) calendar days of receipt of Notice of Default, the City may terminate this contract for cause. If Consultant fails to cure a default as set forth above, the City may, by written notice to Consultant, terminate this contract for cause, in whole or in part, and specifying the effective date thereof ("Notice of Termination for Cause"). If the termination is for cause, Consultant shall be compensated for that portion of the work or materials provided which has been fully and adequately completed and accepted by the City as of the date the City provides the Notice of Termination. In such case, the City shall have the right to take whatever steps it deems necessary to complete the project and correct Consultant's deficiencies and charge the cost thereof to Consultant, who shall be liable for the full cost of the City's corrective action, including reasonable overhead, profit and attorneys' fees.
- (iii) Reimbursement; Damages. The City shall be entitled to reimbursement for any compensation paid in excess of work rendered or materials provided and shall be entitled to withhold compensation for defective work or other damages caused by Consultant's performance of the work.
- (iv) Additional Termination Provisions. Upon receipt of a Notice of Termination, either for cause or for convenience, Consultant shall promptly discontinue the work unless the Notice directs to the contrary. Consultant shall deliver to the City and transfer title (if necessary) to all provided materials and completed work, and work in progress including drafts, documents, plans, forms, maps, products, graphics, computer programs and reports. Consultant acknowledges the City's right to terminate this contract with or without cause as provided in this Section, and hereby waives any and all claims for damages that might arise from the City's termination of this contract. The City shall not be liable for any costs other than the charges or portions thereof which are specified herein. Consultant shall not be entitled to payment for unperformed work or materials not provided, and shall not be entitled to damages or compensation for termination of work or supply of materials. If City terminates this contract for cause, and it is later determined that the termination for cause was wrongful, the termination shall automatically be converted to and treated as a termination for convenience. In such event, Consultant shall be entitled to receive only the amounts payable under this Section, and Consultant specifically waives any claim for any other amounts or damages, including, but

not limited to, any claim for consequential damages or lost profits. The rights and remedies of the City provided in this Section shall not be exclusive and are in addition to any other rights and remedies provided by law, equity or under this contract including, but not limited to, the right to specific performance.

- (B) Appendix II to Part 200 (C) – Equal Employment Opportunity: Except as otherwise provided under 41 C.F.R. Part 60, if this contract meets the definition of a “federally assisted construction contract” in 41 C.F.R. § 60-1.3, then Consultant shall comply with the following equal opportunity clause, in accordance with Executive Order 11246 of September 24, 1965 entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 of October 13, 1967 and implementation regulations at 41 C.F.R. Chapter 60:
- (i) Consultant will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. Consultant will take affirmative action to insure that applicants are employed and that employees are treated equally during employment, without regard to race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: employment upgrading, demotion, transfer, recruitment, or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. Consultant agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the City setting forth the provisions of this nondiscrimination clause.
 - (ii) Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant, state that all qualified applicants will receive consideration for employment without regard to their race, color, religion, sex, or national origin.
 - (iii) Consultant will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with Consultant's legal duty to furnish information.
 - (iv) Consultant will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of

September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

- (v) Consultant will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
 - (vi) Consultant will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
 - (vii) In the event of Consultant's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept. 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
 - (viii) Consultant will include the provisions of paragraphs (i) through (viii) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. Consultant will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: *Provided, however*, that in the event Consultant becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, Consultant may request the United States to enter into such litigation to protect the interests of the United States.
- (C) Appendix II to Part 200 (D) – Davis-Bacon Act; Copeland Act: Not applicable to this contract.
- (D) Appendix II to Part 200 (E) – Contract Work Hours and Safety Standards Act:
- (i) If this contract is in excess of \$100,000 and involves the employment of mechanics or laborers, Consultant shall comply with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 C.F.R. Part 5). Under 40 U.S.C. 3702, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and

provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

- (ii) No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (iii) In the event of any violation of the clause set forth in paragraph (ii) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (ii) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (ii) of this section.
- (iv) The City shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Consultant or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (iii) of this section.
- (v) The Consultant or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (ii) through (v) of this Section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (ii) through (v) of this Section.

(E) Appendix II to Part 200 (F) – Rights to Inventions Made Under a Contract or Agreement:

- (i) If the Federal award meets the definition of “funding agreement” under 37 C.F.R. § 401.2(a) and the non-Federal entity wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution

of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the non-Federal entity must comply with the requirements of 37 C.F.R. Part 401 (Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements), and any implementing regulations issued by the City.

- (ii) The regulation at 37 C.F.R. § 401.2(a) currently defines “funding agreement” as any contract, grant, or cooperative agreement entered into between any Federal agency, other than the Tennessee Valley Authority, and any contractor for the performance of experimental, developmental, or research work funded in whole or in part by the Federal government. This term also includes any assignment, substitution of parties, or subcontract of any type entered into for the performance of experimental, developmental, or research work under a funding agreement as defined in the first sentence of this paragraph.
- (iii) This requirement does not apply to the Public Assistance, Hazard Mitigation Grant Program, Fire Management Assistance Grant Program, Crisis Counseling Assistance and Training Grant Program, Disaster Case Management Grant Program, and Federal Assistance to Individuals and Households – Other Needs Assistance Grant Program, as FEMA awards under these programs do not meet the definition of “funding agreement.”

(F) Appendix II to Part 200 (G) – Clean Air Act and Federal Water Pollution Control Act: If this contract is in excess of \$150,000, Consultant shall comply with all applicable standards, orders, or requirements issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387).

- (i) Pursuant to the Clean Air Act, (1) Consultant agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq., (2) Consultant agrees to report each violation to the City and understands and agrees that the City will, in turn, report each violation as required to assure notification to the Federal awarding agency and the appropriate Environmental Protection City Regional Office, and (3) Consultant agrees to include these requirements in each subcontract exceeding \$150,000.
- (ii) Pursuant to the Federal Water Pollution Control Act, (1) Consultant agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq., (2) Consultant agrees to report each violation to the City and understands and agrees that the City will, in turn, report each violation as required to assure notification to the Federal awarding agency and the appropriate Environmental Protection Agency Regional Office, and (3) Consultant agrees to include these requirements in each subcontract exceeding \$150,000.

(G) Appendix II to Part 200 (H) – Debarment and Suspension: A contract award (see 2 C.F.R. § 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the

OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 C.F.R. part 1986 Comp., p. 189) and 12689 (3 C.F.R. part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

- (i) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such Consultant is required to verify that none of the Consultant, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
 - (ii) Consultant must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
 - (iii) This certification is a material representation of fact relied upon by City. If it is later determined that Consultant did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the City, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
 - (iv) Consultant warrants that it is not debarred, suspended, or otherwise excluded from or ineligible for participation in any federal programs. Consultant also agrees to verify that all subcontractors performing work under this contract are not debarred, disqualified, or otherwise prohibited from participation in accordance with the requirements above. Consultant further agrees to notify the City in writing immediately if Consultant or its subcontractors are not in compliance during the term of this contract.
- (H) Appendix II to Part 200 (I) – Byrd Anti-Lobbying Act: If this contract is in excess of \$100,000, Consultant shall have submitted and filed the required certification pursuant to the Byrd Anti-Lobbying Amendment (31 U.S.C. § 1353). If at any time during the contract term funding exceeds \$100,000.00, Consultant shall file with the City the Federal Standard Form LLL titled "Disclosure Form to Report Lobbying." Consultants that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.
- (I) Appendix II to Part 200 (J) – Procurement of Recovered Materials:
- (i) Consultant shall comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements

of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement.

- (ii) Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.
- (iii) Information about this requirement, along with the list of EPA-designate items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.

5. MISCELLANEOUS PROVISIONS

- (A) The Consultant shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA preapproval.
- (B) This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of this contract. The Consultant will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.
- (C) Consultant acknowledges that 31 U.S.C. Chapter 38 (Administrative Remedies for False Claims and Statements) applies to the Consultant's actions pertaining to this contract.
- (D) The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the City, Consultant, any subcontractors or any other party pertaining to any matter resulting from the contract.
- (E) General and Administrative Expenses And Profit For Time And Materials Contracts/Amendments.
 - (i) General and administrative expenses shall be negotiated and must conform to the Cost Principles.
 - (ii) Profit shall be negotiated as a separate element of the cost. To establish a fair and reasonable profit, consideration must be given to the complexity of the work to be performed, the risk borne by the Consultant, the Consultant's investment, the amount of subcontracting, the quality of its record of past performance, and industry profit rates in the surrounding geographical area for similar work.
 - (iii) Any agreement, amendment or change order for work performed on a time and materials basis shall include a ceiling price that Consultant exceeds at its own risk.

Attachment 08

DR-4382-0177 Eastfield Drive Electrical Utility Undergrounding

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HAZARD MITIGATION GRANT PROGRAM PROJECT SUBAPPLICATION

DISASTER NUMBER:

DR-4382

JURISDICTION NAME:

City of Rolling Hills

PROJECT TITLE:

Eastfield Drive Electrical Utility
Undergrounding

PROJECT NUMBER:

0177

PROJECT NUMBER IS THE CONTROL NUMBER RECEIVED AT TIME OF SUCCESSFUL NOI SUBMITTAL



Cal OES

**GOVERNOR'S OFFICE
OF EMERGENCY SERVICES**

HAZARD MITIGATION GRANT PROGRAM (HMGP)

INTRODUCTION

INTRODUCTION

As a result of the declaration of a major federal disaster, the State of California is eligible for HMGP funding. The State has established priorities to accept project subapplications from subapplicants state-wide, state agencies, tribal governments, local governments, and Private Non-Profits.

Hazard mitigation activities are aimed at reducing or eliminating future damages. Activities include cost effective hazard mitigation projects and hazard mitigation plans approvable by the Federal Emergency Management Agency (FEMA).

HMGP is successful in meeting the FEMA requirements to qualify as an Enhanced State Hazard Mitigation Plan (ESHMP) state. ESHMP accreditation has resulted in additional millions of dollars available for local agencies' hazard mitigation plan and project funding. In order to maintain ESHMP status, further information is requested by FEMA. This information is requested as a means of assessing the pro-activity of your community or agency.

PUBLIC ASSISTANCE

HMGP does not fund repairs for damages that result after a disaster. If your project is aimed at repairing a damaged facility resulting from a federally declared disaster, contact the Public Assistance (PA) Program at disasterrecovery@caloes.ca.gov.

TIME EXTENSIONS

Time extensions may be requested, and will be approved or denied on a case-by-case basis. To request additional time to submit a subapplication, send an email to the HMA@caloes.ca.gov mailbox. The subject line must include: "Subapplication Time Extension Request (include Disaster Number and Project Control Number)". The body of the message must include justification and specific details supporting why more time is needed and how much additional time is requested.

QUESTIONS

Submit all HMGP subapplication questions to the following mailbox: HMA@caloes.ca.gov

HAZARD MITIGATION GRANT PROGRAM REGULATIONS

REGULATIONS

Federal funding is provided under the authority of the [Robert T. Stafford Emergency Assistance and Disaster Relief Act \(Stafford Act\)](#) through FEMA and the California Governor's Office of Emergency Services (Cal OES). Cal OES is responsible for identifying program priorities, reviewing subapplications and forwarding recommendations for funding to FEMA. FEMA has final approval for activity eligibility and funding.

The federal regulations governing HMGP are found in Title 44 of the Code of Federal Regulations (44CFR), Part 201 (Planning) and Part 206 (Projects) and in Title 2 of the Code of Federal Regulations (2CFR), Part 200 (Uniform Administrative Requirements).

The Council on Environmental Quality (CEQ) has developed regulations to implement the National Environmental Policy Act (NEPA). These regulations, as set forth in Title 40, Code of the Federal Regulations (CFR) Parts 1500-1508, require an investigation of the potential environmental impacts of a proposed federal action, and an evaluation of alternatives as part of the environmental assessment process. The FEMA regulations that establish the agency-specific process for implementing NEPA are set forth in 44 CFR Part 10. FEMA will lead the NEPA clearance process.

The subapplicant is responsible for complying with the regulations set forth in the California Environmental Quality Act (CEQA) (California Code of Regulations, Title 14, Division 6, Chapter 3, Sections 15000–15387) and any other state/local permits or requirements.

FEMA GUIDANCE

FEMA requires that all projects adhere to the [Hazard Mitigation Assistance Unified Guidance 2015](#).

HAZARD MITIGATION GRANT PROGRAM ELIGIBILITY CHECKLIST

Before completing the subapplication, review the following HMGP eligibility checklist to ensure project meets the requirements for HMGP funding.

- ☒ **Construction/Ground Breaking:** No construction or ground breaking activities are allowed prior to FEMA approval. HMGP does not fund projects that are in progress or projects that have already been completed.
- ☒ **Approved Notice of Interest:** Subapplicant must have an approved Notice of Interest (NOI) to submit a subapplication for HMGP funding. Only activities approved through the NOI process can be submitted for HMGP funding consideration.
- ☒ **Scope of Work:** The project scope of work (SOW) must be consistent with the SOW provided in the approved Notice of Interest (NOI).
- ☒ **Benefit Cost Analysis:** Benefit Cost Analysis (BCA) Toolkit Version 5.3.0 must be used to conduct the BCA. FEMA will only consider subapplications that use a FEMA-approved BCA methodology. Documentation to support BCA must be included in subapplication. Projects with a benefit cost ratio (BCR) of less than 1.0 will not be considered. BCA will be verified by FEMA and Cal OES upon subapplication submittal. 5% Initiative Projects do not need a BCA.
- ☒ **Subapplicant Eligibility:** Subapplicant must be an eligible State Agency, Local Government (City, County, Special Districts), Federally Recognized Tribe or Private Nonprofit (PNP) Organization. PNP is defined as private nonprofit educational, utility, emergency, medical, or custodial care facility, facilities providing essential governmental services to the general public and such facilities on Indian reservations (see 44 CFR Sections 206.221(e) and 206.434(a)(2)).
- ☒ **LHMP/MJHMP:** Subapplicant must have a FEMA approved and adopted Local or Multi Jurisdictional Hazard Mitigation Plan (LHMP or MJHMP) to be eligible for HMGP funding. If a jurisdiction has its own governing body, jurisdiction must be covered under its own plan. LHMP's/MJHMP's expire five years after FEMA approval. Failure to update plan before expiration date may cause project deobligation.
- ☒ **Cost Share:** Local funding match of 25% of the total project cost is required by the subapplicant. HMGP matching funds must be from a non-federal source. State does not contribute to local funding match.
- ☒ **Period of Performance:** Projects must be completed (including close-out) within the 36 month Period of Performance (POP). POP begins upon FEMA approval of the subapplication.

HAZARD MITIGATION GRANT PROGRAM ELIGIBILITY CHECKLIST (continued)

- ☒ **Complete Subapplication:** Failure to include all required documentation will delay the processing of your subapplication and may result in denial of project. The SOW, cost estimate, cost estimate narrative, work schedule and BCA must accurately mirror each other to be considered for funding. The budget narrative must include a detailed description of every cost estimate line-item, including the methodology used to estimate each cost.
- ☒ **Regulations:** Subapplications that are inconsistent with state and federal HMGP regulations, or do not meet eligibility criteria will not be considered.
- ☒ **Duplication of Programs:** HMGP funding cannot be used as a substitute or replacement to fund activities or programs that are available under other federal authorities, known as Duplication of Programs (DOP).
- ☒ **Time Extensions:** Unless a time extension has been approved before the deadline, subapplications must be postmarked by the applicable deadline to be considered for funding.
- ☒ **CEQA Requirement:** The subapplicant is responsible for complying with the regulations set forth in the California Environmental Quality Act (CEQA) (California Code of Regulations, Title 14, Division 6, Chapter 3, Sections 15000–15387). Environmental data is required for project. Environmental review is typically the most time consuming aspect of project funding approval.



SUBAPPLICANT MUST BE ABLE TO CHECK EVERY BOX TO QUALIFY FOR HMGP FUNDING.

SUBAPPLICATION FORMAT INSTRUCTIONS

Cal OES requires the following format to be used for all HMGP subapplications. Two complete subapplications must be submitted to Cal OES. Each subapplication must be in separate binders. The first copy is logged and retained for Cal OES records. The second copy will be forwarded to FEMA for review and final determination.

COMPLETE SUBAPPLICATION PACKAGE CONSISTS OF THE FOLLOWING:

- ☒ **TWO** identical printed subapplications must be provided in 3-ring binders
 - Each binder section must be tabbed in the format outlined below
 - Each binder must be large enough to hold all of the contents
 - The use of additional binders is permitted as needed
 - All printed attachments must be clearly titled
- ☒ **TWO** identical CD-RWs must include functional electronic versions of all documents/attachments
 - Attachments must be in one of the following formats: Microsoft Word Version 2007 (or newer), Microsoft Excel or Adobe PDF
 - Benefit Cost Analysis (BCA) 5.3.0 must be included in a .zip file format
 - All electronic attachments must be clearly titled

ORGANIZATION OF THE BINDER SECTIONS MUST BE TABBED IN THE FOLLOWING FORMAT:

0. Table of Contents
1. Subapplication
2. Scope of Work
3. Designs
4. Studies
5. Maps
6. Photos
7. Schedule (Additional documentation work schedule components, Gantt chart, etc.)
8. Cost Estimate ([HMGP Cost Estimate Spreadsheet](#) and cost estimate narrative)
9. Match ([Local Match Commitment Letter Template](#))
10. BCA Report ([BCA Version 5.3.0](#) report and BCA supporting documentation)
11. Maintenance ([Project Maintenance Letter Template](#))
12. Environmental ([FEMA's Site Information, Environmental Review and Checklist](#) and all other environmental documentation)
13. Authorization ([Agent Resolution Form](#) and [Subrecipient Grants Management Assessment Form](#))
14. Supporting Docs (Any additional supporting documentation)

MAIL OR DELIVER COMPLETED SUBAPPLICATIONS TO:

California Governor's Office of Emergency Services
Hazard Mitigation Grants Program Unit
Attention: HMGP
3650 Schriever Avenue
Mather, CA 95655

PROJECT SUBAPPLICATION FORM

SUBAPPLICANT INFORMATION

1.	SUBAPPLICANT:	City of Rolling Hills				
NAME OF STATE AGENCY, TRIBAL GOVERNMENT, LOCAL GOVERNMENT, PRIVATE NON-PROFIT OR SPECIAL DISTRICT APPLYING FOR FUNDING						
2.	TYPE:	STATE/LOCAL GOVERNMENT ☒	TRIBAL GOVERNMENT ☐	PRIVATE NON-PROFIT ☐	SPECIAL DISTRICT ☐	
3.	FIPS #:	06037	IF YOU DO NOT KNOW YOUR FEDERAL IDENTIFICATION PROCESSING SYSTEM NUMBER (FIPS #), REQUEST BY EMAILING THE HMA@CALOES.CA.GOV MAILBOX			
4.	DUNS #:	018945170	IF YOU DO NOT KNOW YOUR DATA UNIVERSAL NUMBERING SYSTEM (DUNS) #, CALL DUN & BRADSTREET (D&B) @ 1-866-705-5711 FOR INFORMATION			
5.	COUNTY:	Los Angeles			THE NAME OF THE COUNTY WHERE THE PROPOSED PROJECT IS LOCATED	
6.	POLITICAL DISTRICT NUMBERS:	CONGRESSIONAL:	33	PROVIDE ONLY THE NUMBERS OF THE POLITICAL DISTRICTS FOR THE SUBAPPLICANT		
		STATE ASSEMBLY:	66			
		STATE LEGISLATIVE:	26			
7.	PRIMARY CONTACT:	POINT OF CONTACT FOR YOUR PROJECT. CAL OES WILL CONTACT THIS PERSON FOR QUESTIONS AND/OR REQUESTS FOR INFORMATION				
	NAME:	☐ Mr. ☒ Ms.	FIRST:	Yolanta	LAST:	Schwartz
	TITLE:	Planning Director				
	ORGANIZATION:	City of Rolling Hills				
	ADDRESS:	2 Portuguese Bend Road				
	CITY:	Rolling Hills	STATE:	CA	ZIP CODE:	90274
	TELEPHONE:	310-377-1521	FAX:	310-377-7880		
	EMAIL:	ys@cityofrh.net				
8.	ALTERNATIVE CONTACT:	BACK-UP POINT OF CONTACT FOR YOUR PROJECT. CAL OES WILL CONTACT THIS PERSON IF PRIMARY CONTACT IS UNAVAILABLE				
	NAME:	☐ Mr. ☒ Ms.	FIRST:	Julia	LAST:	Stewart
	TITLE:	Senior Planner				
	ORGANIZATION:	City of Rolling Hills				
	ADDRESS:	2 Portuguese Bend Road				
	CITY:	Rolling Hills	STATE:	CA	ZIP CODE:	90274
	TELEPHONE:	310-377-1521	FAX:	310-377-7880		
	EMAIL:	jstewart@cityofrh.net				

LOCAL HAZARD MITIGATION PLAN INFORMATION

9. LOCAL HAZARD MITIGATION PLAN (LHMP) REQUIREMENT:

- i** A FEMA approved and locally adopted LHMP is required to receive federal funding for all project subapplication activities. Subapplicants for HMGP funding must have a FEMA-approved Mitigation Plan in place at the time of sub-award. Subapplication will be reviewed to ensure that the proposed activity is in conformance with subapplicant's plan.

A. NAME/TITLE OF YOUR LHMP: Eastfield Drive Electrical Utility Undergrounding

LOCAL SINGLE JURISDICTIONAL MULTIHAZARD MITIGATION PLAN:		OR	LOCAL MULTI JURISDICTIONAL MULTIHAZARD MITIGATION PLAN:	
DATE SUBMITTED TO CAL OES:	2/11/19		DATE SUBMITTED TO CAL OES:	
DATE APPROVED BY FEMA:	3/12/19		DATE APPROVED BY FEMA:	
DATE ADOPTED BY LOCAL AGENCY:	12/29/18		DATE ADOPTED BY LOCAL AGENCY:	
			LEAD AGENCY:	

C. IF YOUR PROJECT IS REFERENCED IN YOUR LHMP, INDICATE WHERE THE PROPOSED PROJECT CAN BE FOUND; USE N/A FOR NOT APPLICABLE BOXES:

CHAPTER	PART	SECTION	PAGE
n/a	n/a	8	121

STOP DO NOT INCLUDE A COPY OF YOUR PLAN WITH SUBAPPLICATION.

D. PROVIDE A SHORT NARRATIVE DETAILING HOW YOUR PROJECT ALIGNS WITH THE RISK AND HAZARD ASSESSMENTS, STRATEGIES, GOALS AND/OR OBJECTIVES OF YOUR PLAN:

The City of Rolling Hills is requesting funding to undergrounding power lines for fire prevention. This project is consistent with state and federal HMGP regulation, and will meet local planning, zoning, building, and all other applicable codes.

The project would underground approximately of 4,735 linear feet of utility lines along Eastfield Drive which is a street that is located in a "Very High Fire Hazard Severity Zone" (designated by the Los Angeles County Fire Department). Many of the properties along the East side of Eastfield Drive slope away from the street, which makes these slopes prone to fires. The total cost of the project is \$2,630,000. The City will use Rule 20A Tariff Funds for the local match requirement of \$657,500.

COMMUNITY INFORMATION

10. COMMUNITY PARTICIPATION:

A. CHECK BOX(ES) IF YOUR COMMUNITY PARTICIPATES IN ANY OF THE FACTORS BELOW:

Select a column appropriate to your type of project. Acronyms include: Community Wildfire Protection Plan (CWPP), California Environmental Quality Act (CEQA), Community Rating System (CRS) Plan and Unreinforced Masonry (URM) Participation.

FIRE	FLOOD	EARTHQUAKE

- ☐ CWPP, FIRE WIRE, FIRE SAFE
☐ CURRENT CEQA ACTIVITY
☐ DEFENSIBLE SPACE

- ☐ CRS PLAN
☐ CURRENT CEQA ACTIVITY
☐ HYDROLOGY STUDY

- ☐ SHAKEOUT DRILL PARTICIPATION
☐ CURRENT CEQA ACTIVITY
☐ URM PARTICIPATION

B. PROVIDE A NARRATIVE DESCRIPTION OF ALL OF FACTORS SELECTED FROM LIST ABOVE:

n/a

C. IS YOUR JURISDICTION REQUIRED TO PROVIDE PUBLIC NOTICE OF THIS PROJECT?

☐ Yes ☒ No

If yes, provide details:

PROJECT INFORMATION

11. PROJECT TITLE: Eastfield Drive Electrical Utility Undergrounding

MUST USE THE SAME PROJECT TITLE ORIGINALLY USED IN THE APPROVED NOTICE OF INTEREST (NOI). IF YOU NEED TO CHANGE YOUR PROJECT TITLE, CONTACT CAL OES AT HMA@CALOES.CA.GOV

12. PROJECT LOCATION:

A. IDENTIFY THE COUNTY/COUNTIES WHERE THE ACTIVITY WILL OCCUR:

Los Angeles County

B. LATITUDE/LONGITUDE COORDINATES:

FEMA requires that all projects be geo-coded using latitude and longitude (lat/long) using NAD-83 or WGS-84 datum. The lat/long coordinates must be expressed in degrees including five or more decimal places (e.g., latitude 36.999221, longitude -109.044883).

LATITUDE
33.754743

LONGITUDE
-118.334902



IF THERE ARE MORE THAN ONE SET OF LAT/LONG COORDINATES, PROVIDE ON SEPARATE DOCUMENT AND ADD TO MAP SECTION OF BINDER.

C. STRUCTURE COORDINATES:

- For projects that protect buildings or other facilities, provide coordinates for each structure at either the front door of the structure or the intersection of the public road and driveway that is used to access the property.
- For large activity areas, such as detention basins or vegetation management projects, the location must be described by three or more coordinates that identify the boundaries of the project.
- The polygon created by connecting the coordinates must encompass the entire project area.

This project is for the undergrounding of utilities on Eastfield Drive.

D. STAGING AREA:

Describe the project staging area. This is the area where the project equipment, materials and/or debris will be staged. Include a vicinity map with the proposed staging area(s) in the map section of the binder.

Construction staging will be in the roadway easements along Eastfield Drive. The roadway easements are specifically designated for parking. See map for designated locations.



AERIAL MAP(S) OF STAGING AREA(S) MUST BE INCLUDED IN SUBAPPLICATION.

E. SEA LEVEL RISE (SLR):

1. Is the risk to the project increased by SLR due to project location and project activity type? Yes ☐ No ☒
2. Was SLR considered and included in the mitigation measures implemented in this project? Yes ☐ No ☒

F. SITE PHOTOS:

- ☒ A minimum of three ground photos per project site are required. Include in photo section of the binder.

G. MAPPING REQUIREMENTS:

Provide the following mapping elements in the map section of the binder:

- ☐ If project area has been mapped using GIS software, include the completed Shapefiles on CD-RW.
- ☒ Include a vicinity map of the general area showing major roads. Aerial photographs may be used as vicinity maps.
- ☒ Prominently mark the project location on the vicinity map.
- ☒ Provide a detailed project map that clearly identifies the project boundaries.
- ☒ Project map must show all lat/long coordinates provided in the project description.
- ☒ Vicinity map and the project map must both have a north arrow and scale.

i DO NOT SEND ROLLED MAPS – MAPS MUST BE FOLDED UNTIL 8.5" x 11" IN SIZE.

H. PUBLIC ASSISTANCE (PA) PROGRAM FUNDING:

List any Public Assistance Disaster Survey Reports (DSR) or Project Worksheets (PWs) that were completed at the project location from previous disasters. List all current engagement with PA for this current disaster and include date(s) if known:

N/A

I. DEED RESTRICTIONS THAT LIMIT FEDERAL FUNDING:

Is there a deed restriction or permanent conservation easement on the property at the project site that would prohibit federal disaster funding (e.g., a previously FEMA funded acquisition of a structure on this property)? If yes, describe in detail.

No

13. PROJECT DESCRIPTION:

A. APPLICATION TYPE:

- ☒ Project ☐ 5% Activity

5% activities are defined as mitigation actions that are consistent with your local hazard mitigation plan and meet all HMGP requirements, but may be difficult to conduct a standard BCA to prove cost-effectiveness. Examples: early earthquake warning system, back-up generators for critical facilities, public awareness campaign, mitigation specific community outreach activities.

B. PROJECT TYPE:

Select at least one project type; select as many as needed to accurately describe project.

☒ EARTHQUAKE	☒ FIRE	☐ FLOOD	☒ OTHER
☐ CODE ENFORCEMENT	☒ DEFENSIBLE SPACE	☐ ACQUISITION	☐ CRITICAL FACILITY GENERATOR(S)
☒ NON-STRUCTURAL	☐ FIRE RESISTANT BUILDING MATERIALS	☐ DRY FLOOD PROOFING	☐ DROUGHT ☐ TSUNAMI
☐ STRUCTURAL	☐ FIRE VEGETATION MANAGEMENT	☐ FLOOD CONTROL	☒ WIND
☐ NON-STRUCTURAL & STRUCTURAL	☐ SOIL STABILIZATION	☐ ELEVATION	☐ OTHER:
☐ <u>CLIMATE RESILIENCY MITIGATION ACTION</u> (CRMA): Projects that mitigate risk through restoration of the natural environment			

C. DESCRIBE PROBLEM/HAZARDS/RISKS:

Describe the problem this project is attempting to solve and the expected outcome. Describe the hazards and risks to life, safety and any improvements to property in the project area for at least the last 25 years. Describe in detail how the project reduces hazard effects and risks.

The City of Rolling Hills is designated as a Very High Fire Hazard Severity Zone by the Los Angeles County Fire Department (see Maps section). The City has historically been subject to fires/wildfires threatening loss of life and property, and with the City's aging population and lack of dual street egress, the risk of loss is increased. These fires are primarily caused by one of the following three events and are typically exacerbated by the winds which impact the City regularly:

- Nature: Wildlife (squirrels, raccoons, rodents) interfering with power lines causing a transmitter spark and immediately following, catching surrounding vegetation and trees on fire;
- Equipment: Transmitter sparks and catches fire to any surrounding vegetation and trees; and
- Natural or Human: Wildfires created by natural (lightning strikes, earthquake ground shaking, or other) or human causes in the abutting Portuguese Bend Reserve. The natural vegetation (which is left untended in the Reserve) creates significant fuel and causes any fire to burn quickly and at a higher intensity. Earthquake ground shaking can topple wooden utility poles and cause arcing lines resulting in fires near property, people, and animals.

This project will solve multiple issues for the City. The location of the project is Eastfield Drive. Currently, Eastfield Drive is a long, winding street on the east side of the City. Many of the properties along the East side of Eastfield Drive slope away from the street, and these slopes are prone to fire. Eastfield Drive touches one adjacent city and is the only egress on that side of the City. Of the last twenty (20) poles removed, it was determined that:

- 9 were over 50 years old, installed between 1948 and 1969.
- 1 was installed in 2006
- 10 were installed between 2013 and 2016

The trees which line the street intertwine dangerously with the utility wires, and due to the trees' growth patterns, it has been nearly impossible to keep the wires free and clear for any length of time (see Photos section). Under AB 2911, trees would be subject to severe cutback or removal if they threaten utility lines. However, these trees, as with all trees in the County, are a valuable source of GHG reduction and it is imperative to

preserve them.

The City is located in Los Angeles County and sits very close to several active earthquake faults. Los Angeles County is a hotbed of seismic activity with over 50 active and potentially active faulty segments, as well as an underdetermined number of buried faults, and multiple blind-thrust faults. All of these faults are capable of producing severe earthquakes, downing poles and arching transmission, which adds to the threat of fires. As with all communities in the Palos Verdes/Long Beach area, the City of Rolling Hills is located in an especially seismically-active area, even by Los Angeles County standards.

Undergrounding utility lines on Eastfield Drive is an action item found in the City's Local Hazard Mitigation Plan (MH 8) and furthers the plan goals of:

- 1) Protect Life and Property; and
- 2) Partnerships and Implementation

The Eastfield Drive Electrical Utility Undergrounding is a one-time project. The project area will have an approximate useful life of more than 100 years. Once complete, this will eliminate the need for future federal or state federal disaster assistance and remove the threat of a fire hazard should the electrical power line be knocked down due to high winds, earthquakes or wildfire. The utility company Southern California Edison (SCE) will be responsible for on-going underground maintenance as prescribed by General Order 165.

D. DESCRIBE RECENT EVENTS THAT INFLUENCED THE SELECTION OF THIS PROJECT:

Describe recent events (e.g. changes in the watershed, discovery of a new hazard, zoning requirements, inter-agency agreements, etc.) that influenced the selection of this project.

The most recent fire in Rolling Hills was in October 2018. The small fire erupted when an animal scurried along the above ground electrical line and touched the transformer. The transformer blew up and the pole caught on fire. At the same moment, a spark fell to the ground and the vegetation and fence adjacent to the pole caught fire. Several feet from the fence was a structure, and it is only due to swift action of a neighbor who notified the Fire Department and took a hose to the fire on the ground to prevent further damage.

Another fire took place between August 27 and 28, 2009. The wildfire burned through approximately 230 total acres. The fire is believed to have originated from wildlife interference and was exacerbated by wind in the Portuguese Bend Nature Reserve in Rancho Palos Verdes where 165 acres were charred. The remaining 65 acres were burned in Rolling Hills. Dozens of homes were threatened and approximately 1,200 residents were forced to evacuate. Although some structures were reported damaged, no homes were lost (City of Rolling Hills Local Hazard Mitigation Plan, pg. 82).

The fall of 2003 marked one of the most destructive wildfire seasons in California history. Between October 21 and November 4, twelve separate fires raged across Southern California in Los Angeles, Riverside, San Bernardino, San Diego, and Ventura counties. The massive "Cedar Fire" in San Diego County alone consumed 2,800 homes and burned over a quarter of a million acres. Altogether over 739,597 acres burned; 3,631 homes, 36 commercial properties, and 1,169 outbuilding were destroyed; 246 people were injured;

and 24 people died, including one firefighter. At the height of the siege, 15,631 personnel were assigned to the fight the fires (State of California, "Governor's Blue-Ribbon Panel Fire Commission Report to the Governor," 2004).

Four years after the "Fire Siege of 2003" in 2007, again in the late October, Southern California experienced an unusually severe fire weather event characterized by intense, dry, gusty Santa Ana winds. The weather event drove a series of destructive wildfires that took a devastating toll on people, property, natural resources, and infrastructure. Although some fires burned into early November, the heaviest damage occurred during the first three days of the siege when the winds were the strongest.

During this siege, 17 people lost their lives, 10 were killed by the fires outright, three were killed while evacuating, four died from other fire siege related causes, and 140 firefighters, and an unknown number of civilians were injured. A total of 3,069 homes and other buildings were destroyed, and hundreds more were damaged. Hundreds of thousands of people were evacuated at the height of the siege.

The fires burned over 500,000 acres, including populated areas, wildlife habitat, and watershed. Portions of the electrical power distribution network, telecommunications systems, and even some community water sources were destroyed. Transportation was disrupted over a large area for several days, including numerous road and highway closures.

Both the Governor of California and the President of the United States toured the ongoing fires. Governor Schwarzenegger proclaimed a state of emergency in seven counties before the end of the first day. President Bush quickly declared a major disaster. While the total impact of the 2007 fire siege was less than the disastrous fires of 2003, it was unquestionably one of the most devastating wildfire events in the history of California. Source:

http://www.fire.ca.gov/fire_protection/downloads/siege/2007/Overview_Introduction.pdf.)

Contributing factors to the severity of the fires is the weather and winds. The winds that are commonly referred to as the "Santa Ana" winds occur during the fire season which is typically from June to November. This "fire weather" that is characterized by hot dry weather and high winds, result in low fuel moisture in vegetation. The most severe fire protection problem in the area is wildland fire during Santa Ana wind conditions. Fire is at its peak of danger in the City of Rolling Hills during the late summer and fall months, especially when Santa Ana weather conditions prevail. Plant fuels pose the greatest threat during this period are those located on the south-facing slopes.

E. SCOPE OF WORK (SOW):

STATE EXACT SOW DOCUMENT TITLE: Eastfield Drive Electrical Utility Undergrounding

1. Describe the entire SOW of the project in clear, concise, ample detail.
2. Must provide a thorough description of **all tasks and activities** to be undertaken.
3. Must be written in sequential order from start to finish of the project.
4. Describe any land acquisition activities, and/or right-of-way or access easements that need to be obtained.

5. If structural, discuss how the structure/building/facility will be constructed or retrofitted.
6. Include building or structure dimensions, material types, depth and width of excavations, volume of materials excavated, type of equipment to be used, staging and parking areas, and any phasing of the project.
7. If any tunneling is proposed, describe the method and any temporary trenches or pits.
8. Describe any demolition activities that need to occur prior to construction or retrofitting.



☒ **INSERT THIS DOCUMENT IN THE SOW SECTION OF THE BINDER.**

F. HAS YOUR JURISDICTION PREVIOUSLY RECEIVED HMGP FUNDING?

☐ Yes ☒ No ☐ Unknown | If yes, provide disaster number(s):

G. HAS YOUR JURISDICTION RECEIVED ANY OTHER FUNDING?

Describe all other funding received for this project and all other recent projects. Identify the funding source (i.e., Federal, State, Private, etc.).

No

H. RELATED PROJECTS:

Describe any other projects or project components (whether or not funded by FEMA), which may be related to the proposed project, or are in (or near) the proposed project area. FEMA must look at all projects to determine a cumulative effect. FEMA reviews all interrelated projects under NEPA regulations.

The City of Rolling Hills submitted a subapplication to CalOES on September 4, 2018 under DR-4353.

I. HAZARD ANALYSIS TYPE:

Select the hazard(s) below that this project will protect against. Select as many as needed.

☐ BIOLOGICAL	☒ EARTHQUAKE	☐ LAND SUBSISTENCE	☐ TERRORIST
☐ CHEMICAL	☒ FIRE	☐ MUD/LANDSLIDE	☐ TORNADO
☐ CIVIL UNREST	☐ FISHING LOSSES	☐ NUCLEAR	☐ TOXIC SUBSTANCES
☐ COASTAL STORM	☐ FLOOD	☐ SEVERE ICE STORM	☐ TSUNAMI
☒ CROP LOSSES	☐ FREEZING	☐ SEVERE STORM(S)	☐ WINDSTORM
☐ DAM/LEVEE BREAK	☒ HUMAN CAUSE	☐ SNOW	☐ OTHER (describe below):
☐ DROUGHT	☐ HURRICANE	☐ SPECIAL EVENTS	

J. DESIGN PLANS:

☒ If your project requires design plans, plans should be prepared to supplement the SOW and attached in the design section of the binder. If the project involves ground disturbance, (e.g. enlarging ditches or culverts, diversion ditches, detention basins, storm water improvements, etc.) include the following:

1. **Scale:** Plans should be drawn to scale (e.g. 1" to 100' or 1" to 200') depicting the entire land parcel, showing buildings, improvements, underground utilities, other physical features, dimensions and cross sections.
2. **Identification:** Indicate agency name, land owner, civil engineer, soil engineer, geologist, map preparer, and date of map preparation. Also, indicate the name of the project.
3. **Legend/Orientation:** Include a legend explaining all lines and symbols. Identify property acreage and indicate direction with a north arrow (pointing to top or right hand side of the plan).
4. **Dimensions:** Show property lines and dimensions. Also, show boundary lines of project and their dimensions if only a portion of the property is being utilized for the project.
5. **Structures:** Identify all existing and proposed buildings and structures including storm drains, driveways, sidewalks and paved areas.
6. **Utilities:** Indicate names and location of utilities on property (water, sewage, gas, electric, telephone, cable).
7. **Roads/Easements:** Indicate location, names, and centerline of streets and recorded roads. Identify any

- utility, drainage or right-of-way easements on the property.
8. **Drainage:** Show the location, width and direction of flow of all drainage courses on site.
 9. **Grading/Topographic Information:** Show existing surface contours on-site and bordering the property
 10. **Parking:** Show all construction parking and staging areas and provide dimensions.
 11. **Cross Sections:** Provide cross sections of proposed buildings, structures or other improvements, and any trenches, temporary pits or catchment basins.
- ☐ If applicable, provide studies and engineering documentation, including any Hydrology and Hydraulics (H&H) data.
- ☐ If applicable, provide drawings or blueprints that show the footprint and elevations.
-  **DO NOT SEND PRINTED COPIES OF DESIGN PLANS, DRAWINGS OR BLUE PRINTS LARGER THAN 8.5' x 11" SIZE. DO NOT SEND ROLLED COPIES (FOLD TO OBTAIN 8.5" x 11" SIZE).**

K. PROJECT ALTERNATIVES:

Identify three project alternatives:

1. ALTERNATIVE #1 – NO ACTION:

Describe the No Action alternative below. The No Action alternative evaluates the consequences of taking no action and leaving conditions as they currently exist.

Based on the history of fires in the City and the surrounding areas in the county that, with no action, the area could expect to suffer further damage, along with possible injury or death. Should there be a wildfire or an earthquake that brings down a utility pole or perhaps even a spark near a tree has the potential to start a wildfire.

2. ALTERNATIVE #2 – PROPOSED ACTION:

Describe the Proposed Action alternative below. The Proposed Action alternative is the proposed project to solve the problem. Explain why the proposed action is the preferred alternative. Identify how the preferred alternative will solve the problem, why the preferred alternative is the best solution for the community, why and how the alternative is environmentally preferred and why the project is the economically preferred alternative.

Undergrounding reduces the risk of overhead electrical utility wires being downed and causing a wildfire. In addition, should a wildfire disaster take place, the wires would be relocated underground, and the residents would be far less likely to lose essential electrical and communications services. The biggest challenge to undergrounding wires is the cost. Estimates for utility burial can range from \$500,000 to \$3 million per mile, in comparison to \$120,000 per mile per the erection of overhead lines. The cost is high due to the expense of burying the utility wires in conduits, which is the best method of burying wires to ensure reliability and facilitate repairs. Additional technology is required to maintain underground lines. Coordinating the burial of several utility wires, such as from telephone and cable television wires that rely on the use of poles, is another expense, but necessary for the overall benefit. Due to these reasons, the City reviewed the alternatives to undergrounding the power lines.

3. ALTERNATIVE #3 – SECOND ACTION ALTERNATIVE:

Describe the Second Action alternative below. The Second Action alternative described must also solve the described problem. State why this alternative wasn't chosen. It must be a viable project that could be substituted in the event the proposed action is not chosen.

Reduction- The fewer wires that contact the ground after an earthquake, the reduced risk of fire. One of the easiest ways to reduce wires is to consolidate lines

along one side of the roadway on a single pole and wrap them. Although the City could employ this alternative, such an alternative would not reduce the risk of fire by any significant margin to justify the expense.

Relocation of Wires- The City of Rolling Hills could work with the local utility company to move wires and poles to areas that offer minimal fire hazards. Such an alternative has limited use in Rolling Hills. Since the community is purely residential, there are few areas that offer lower potential fire hazards than others. Even if the wires are moved, nearby structures would continue to lie in the high voltage wires' path.

COST ESTIMATE INFORMATION

15. HMGP COST ESTIMATE SPREADSHEET:

A. COST ESTIMATE INSTRUCTIONS:

☒ Using the [HMGP Cost Estimate Spreadsheet](#), provide a detailed cost estimate breakdown.

- Cost estimate describes the anticipated costs associated with the SOW for the proposed mitigation activity. Cost estimates must include detailed estimates of cost item categories.
- Only include costs that are directly related to performing the mitigation activity. If additional work, such as remodeling, additions, or improvements are being done concurrently with the mitigation work, do not include these costs in the submitted budget.
- Documentation that supports the budget must be attached to the subapplication in the budget section of the binder.
- Total costs must be consistent with the requested federal share plus the matching funds and must be consistent with the project cost in the Benefit Cost Analysis (BCA), SOW and work schedule.

HMGP COST ESTIMATE SPREADSHEET EXAMPLE					
#	ITEM NAME	Unit Qty	UNIT	UNIT COST	COST EST TOTAL
1.	Pre-Award Costs: Develop BCA	4	HR	\$150	\$600
2.	Temp. Inlet Filter Rolls	4	EA	\$250	\$1000
3.	Temp. Fiber Roll	1850	LF	\$3	\$5550
4.	Hydraulic Mulch	1000	SQYD	\$2	\$2000
5.	Plane Asphalt Concrete Pavement	650	SQYD	\$22	\$14300
6.	Street Sweeping for 30 days	30	EA	\$350	\$10500
7.	Roadway Excavation	70	CY	\$40	\$2800
8.	Aggregate Base, Class 2	210	CY	\$75	\$15750
9.	Remove Concrete Pavement	650	SQYD	\$340	\$10540
10.	Asphalt Concrete, Type B	180	TON	\$150	\$27000
11.	Asphalt Concrete, Leveling	10	TON	\$300	\$3000
12.	Asphalt Concrete Dike, Type A	235	LF	\$15	\$3525
13.	Asphalt Concrete Dike, Type F	125	LF	\$8	\$120
14.	Place Asphalt Concrete	15	SQFT	\$8	\$120
15.	18" Corrugated Steel Pipe Riser	5	LF	\$125	\$625
16.	24" Reinforced Concrete Pipe	275	LF	\$170	\$46750
17.	84" Reinforced Concrete Pipe Install	572	LF	\$400	\$228800
18.	Precast Triple Concrete Box Culvert	44	LF	\$1500	\$66000
19.	Curb Inlet - Type B-1 (L=9')	1	EA	\$6000	\$6000
20.	Curb Inlet - Type B-1 (L=13')	1	EA	\$6300	\$6300
21.	Curb Inlet - Type B-1 (L=15')	1	EA	\$6800	\$6800
22.	Storm Drain Cleanout - Type A-8	3	EA	\$7500	\$22500
23.	8" PVC Sewer	89	LF	\$100	\$8900
24.	Cellular Block (Precast)	4100	SQFT	\$20	\$82000
25.	Project Identification Sign	2	EA	\$1000	\$2000
Total Project Cost Estimate:					\$573480

B. INELIGIBLE COSTS:

The following are ineligible line items:

- Lump Sums
- Contingency Costs
- Miscellaneous Costs
- "Other" Costs
- Indirect Charges
- Overhead Costs
- Cents (must use whole dollar amounts, round unit prices up to whole dollars)

C. PRE-AWARD COSTS:

Eligible pre-award costs are costs incurred after the disaster date of declaration, but prior to grant award. Pre-award costs directly related to developing the application may be funded.

- Developing a BCA
- Preparing design specifications
- Submission of subapplication
- Gathering environmental and historic data
- Workshops or meetings related to development



Subapplicants who are not awarded funds will not receive reimbursement for pre-award costs.

D. COST ESTIMATE NARRATIVE:

FEMA requires a cost estimate narrative that explains all projected expenditures in detail. The cost estimate narrative is intended to mirror the cost estimate spreadsheet and should include a full detailed narrative to support the cost estimates listed in the HMGP Project Cost Estimate Spreadsheet. If your cost estimate includes City, County, or State employees' time (your agency), include personnel titles and salary/hourly wages plus benefits for a total hourly cost. Detailed timesheets must be retained.

☒ Title the document "Cost Estimate Narrative" and include in the budget section of the binder.

16. FEDERAL/NON-FEDERAL SHARE INFORMATION:

A. FUNDING RESTRICTIONS:

There is no restriction or cap on the federal share that may be requested for each project subapplication. FEMA will contribute no more than 75 percent of the total project cost. A minimum of 25 percent of the total eligible costs must be provided from a non-federal source. State does not contribute to local cost share.

For example: for a \$10,000,000 total project cost, the federal requested share (75 percent) would be \$7,500,000. The non-federal match share (25 percent) provided would be \$2,500,000.

*The sum of the federal and non-federal shares must equal the total project cost.

*The federal share **MUST NOT** exceed 75 percent.

B. TOTAL PROJECT COST ESTIMATE:

\$2,630,000

Enter total cost formulated on [HMGP Cost Estimate Spreadsheet](#)

ENTER \$ IN BOX ABOVE

FEDERAL SHARE (75% MAXIMUM)	REQUESTED AMOUNT:	\$1,972,500
		ENTER \$ IN BOX ABOVE
	PERCENTAGE AMOUNT:	75%
		ENTER % IN BOX ABOVE
NON-FEDERAL SHARE (25% MINIMUM)	REQUESTED AMOUNT:	\$657,500
		ENTER \$ IN BOX ABOVE
	PERCENTAGE AMOUNT:	25%
		ENTER % IN BOX ABOVE



VERIFY ALL AMOUNTS ENTERED ARE ACCURATE.

INCORRECT AMOUNTS WILL DELAY PROCESSING OF YOUR SUBAPPLICATION.

C. NON-FEDERAL MATCH SOURCE: MATCH COMMITMENT LETTER:

☒ Use the [Local Match Commitment Letter Template](#) to complete this section and add completed letter to the match section of the binder.

- A signed Match Commitment Letter must be provided on agency letterhead.
- The non-federal source of matching funds must be identified by name and type.
- If "other" is selected for funding type, provide a description.
- Provide the date of availability for all matching funds .
- Provide the date of the Funding Match Commitment Letter.
- The funds must be available at the time of submission unless prior approval has been received from Cal OES.
- If there is more than one non-federal funding source, provide the same information for each source on an attached document.
- Match funds must be in support of cost items listed in the cost estimate spreadsheet.
- Requirements for donated contributions can be found in 2 CFR 200.306.

BENEFIT/COST EFFECTIVENESS INFORMATION

17. BENEFIT/COST EFFECTIVENESS INFORMATION

A. BCA INSTRUCTIONS:

FEMA will only consider subapplications from subapplicants that use a FEMA-approved methodology to conduct the Benefit Cost Analysis (BCA). BCA must be legible, complete and well-documented.

- Project BCAs must demonstrate cost-effectiveness through a Benefit Cost Ratio (BCR) of 1.0 or greater.
- Projects with a BCR of less than 1.0 will not be considered for funding.
- Total project cost must be used in the BCA.
- Maintenance of a completed HMGP project is not an eligible reimbursement activity, but must be included in the BCA.

☒ BCA Version 5.3.0 is the only software that is allowed to conduct a BCA. Some project types may qualify for pre-calculated benefits. Additional information on the BCA Toolkit is available at: <https://www.fema.gov/benefit-cost-analysis>.

 The FEMA BCA Technical Assistance Helpline is available to provide assistance with FEMA's BCA software by calling 1-855-540-6744 or via email at BCHelpLine@FEMA.dhs.gov. The FEMA helpline is only to be utilized for technical assistance questions. The FEMA helpline will not verify the accuracy of your BCA.

B. BCA INFORMATION:

Once the BCA is completed, enter information requested below.

1. NET PRESENT VALUE OF PROJECT BENEFITS:
2. TOTAL PROJECT COST ESTIMATE:
3. BENEFIT COST RATIO:

C. ANALYSIS TYPE:

☐ FLOOD	☐ WILDFIRE	☐ EXEMPT (5% PROJECTS)	☐ EARTHQUAKE
☐ HURRICANE WIND	☐ DROUGHT	☐ PRE-CALCULATED	☐ LANDSLIDE
☒ DAMAGE FREQUENCY ASSESSMENT (DFA)			

- D. ANALYSIS DATE (date BCA was conducted):

E. PROVIDE BCA HARD AND SOFT COPIES IN FORMAT DESCRIBED BELOW:

- ☒ Copy the exported BCA in a .zip file format and add to the CD-RW.
- ☒ Provide a hard copy of the report in the BCA section of the binder.

MAINTENANCE ASSURANCE INFORMATION

18. PROJECT MAINTENANCE INFORMATION:

A. MAINTENANCE ASSURANCE LETTER:

- ☒ Using the [Project Maintenance Letter Template](#), identify all maintenance activities required to preserve the long-term mitigation effectiveness of the project.
- Examples of maintenance include: inspection of the project, cleaning and grubbing, trash removal, replacement of worn out parts, etc.
 - Attach a maintenance schedule, estimated annual costs, and a signed maintenance commitment letter for the useful life of the project.

NATIONAL FLOOD INSURANCE PROGRAM (NFIP)

19. NFIP INFORMATION:

CONTACT YOUR COUNTY OR LOCAL FLOODPLAIN ADMINISTRATOR FOR NFIP INFORMATION.

A. NFIP PARTICIPATION:

1. Is the jurisdiction where the project is located participating in the NFIP? YES ☐ NO ☒
- a. If yes, are they in good standing? YES ☐ NO ☐
- b. If no, explain:

B. PROJECT LOCATION:

1. Is this project located in a floodplain or floodway designated on a FEMA Flood Insurance Rate Map (FIRM)? YES ☐ NO ☒
- ☐ a. Mark the project location on the FIRM and attach to subapplication in the maps section of the binder.
2. Provide the following information for the location of the project:
- a. FIRM panel number:
- b. FIRM zone designations:
- c. NFIP community ID number:

C. LAST [COMMUNITY ASSISTANCE VISIT \(CAV\)](#) DATE:

ENVIRONMENTAL INFORMATION

20. ENVIRONMENTAL INFORMATION:

A. FEMA ENVIRONMENTAL CHECKLIST:

- ☒ Complete the [FEMA Site Information, Environmental Review, and Checklist](#) and attach to the environmental section of the binder. Provide a detailed response to each question. Attach supporting documentation in compliance with [FEMA's frontloading requirements](#).

SCOPE OF WORK

DR-4382-0177 Eastfield Drive Electrical Utility Undergrounding

INTRODUCTION

The City of Rolling Hills spans three (3) square miles, with a population of 1,860 (2010 U.S. Census). The City is comprised of one-story ranch style residences along with agricultural and equestrian accessory structures and uses. The City of Rolling Hills is 100% residential, with no hospitals, commercial buildings, corporations, or transportation corridors located within City limits. One public school is located off Crest Road West and is operated by the Palos Verdes Peninsula Unified School District. The City owns the Civic Center comprised of City Hall and the Rolling Hills Community Association administration building as well as several parcels of land that have no structures. Any hazard mitigation projects and plans must be paid for by residents, through the City's General Fund, or applying for grant opportunities through public agencies such as the California Governor's Office of Emergency Services. The City maintains a staff of five (5) full-time employees and a relatively small budget of \$2.2 million (FY 2019/2020).

The City of Rolling Hills, throughout history, has dealt with various natural hazards that include earthquakes, wildfires, droughts, and land movements. As the city population increases, the city becomes more vulnerable to a variety of hazards.

Incorporated on January 24, 1957, the City of Rolling Hills has maintained a rural ranch-like character, with no traffic lights, large spaces between houses, and wide equestrian paths along streets. Prior to incorporation, a portion of the City known as the Flying Triangle was determined to be in a landslide area. In 1948, the County of Los Angeles performed soil and geology studies for potential development below the Flying Triangle. At the time, the area was vacant and due to lack of restrictions and technology, the County allowed this area to be developed. Since incorporation, the City has adopted the County of Los Angeles Building Codes and continued to allow limited construction utilizing those same building standards.

The City of Rolling Hills is characterized by beautifully wooded deep canyons and hilly terrain located on the San Pedro Hills of the Palos Verdes Peninsula in Southern California. However, the potential impacts of hazards associated with the terrain make the environment and population vulnerable to disasters. The City of Rolling Hills is located in the northwestern quadrant of Los Angeles County. It is bordered on three

sides by the City of Rancho Palos Verdes and on the north and northeast by the City of Rolling Hills Estates.

Summary of Hazards

The City of Rolling Hills is designated as a Very High Fire Hazard Severity Zone (VHFHSZ) by the California State Fire Marshall. The City has historically been subject to fires/wildfires threatening loss of life and property. Due to the City's aging population and lack of dual street egress, the loss of life risk is increased. Fires are primarily caused by one of the following three events and are typically exacerbated by winds which impact the City regularly:

- **Nature:** Wildlife (squirrels, raccoons, rodents) interfering with power lines causing a transmitter spark and immediately following, igniting surrounding vegetation and trees on fire;
- **Equipment:** Transmitter sparks that catches fire and ignites any surrounding vegetation and trees; and
- **Natural or Human:** Wildfires created by natural (lightning strikes, earthquake ground shaking, or other natural occurrence) or human causes in the abutting Portuguese Bend Reserve. When left untended in the Portuguese Bend Reserve, natural vegetation becomes significant fuel and may cause any fire to burn quickly and at a higher intensity. Earthquake ground shaking may topple wooden utility poles and cause arcing lines, resulting in fires near property, people, and animals.

To decrease human impact, the City has developed a number of fire mitigation tactics, such as:

- Policies that require property owners to create a defensible space around their home
- City-wide smoking ban;
- Educational information on the City's website; and
- A monthly electronic newsletter (posted to the City's website and via mail) keeping all residents updated on fire hazards and mitigation guidelines.

To eliminate fires caused by wildlife interference with utility lines or equipment failure, the City is working toward undergrounding as many utility lines along the most heavily trafficked streets. It should be noted that some utility lines cross out of the city and into adjacent communities, thus it is imperative for the city to pursue undergrounding at this time.

The project is included in the City's latest Hazard Mitigation Plan Update and is considered a priority. The project is also consistent with state and federal HMGP regulation and will meet local planning, zoning, building, and all other applicable codes.

Tasks and Activities

Eastfield Drive is a long, winding street on the east side of the City of Rolling Hills. It touches one adjacent city and is the only egress point on that side of the City. The trees that line the street intertwine dangerously with the utility wires, and due to the trees' growth patterns, it has been nearly impossible to keep the wires free and clear for any length of time. Under AB 2911, the trees would be subject to severe cutback or removal if they threaten the utility lines. However, these trees, as with all trees in the Country, are a valuable source of GHG reduction and it is imperative to preserve them.

The City is in Los Angeles County and sits very close to active earthquake faults. Los Angeles County is a hotbed of seismic activity due to the presence of over 50 active and potentially active fault segments, an undetermined number of buried faults, and multiple blind-thrust faults. All of these faults are capable of producing severe earthquakes which could potentially down pole and arc transmission lines, which adds to the threat of fires. As with all communities in the Palos Verdes/Long Beach area, the City of Rolling Hills is in an especially seismically active area, even by Los Angeles County standards.

This fire mitigation project will underground approximately 4,735 lineal feet of utility lines along Eastfield Drive. The total project cost will be \$2,630,000. The City will use Rule 20A Tariff Funds for the local match requirement (\$657,500).

The high-level Scope of Work includes the City purchasing available Rule 20A Electric Distribution Tariff Funds (with funds from the City's General Fund) and hiring Southern California Edison (SCE) to:

- Work with the City's designated Project Manager and the Rolling Hills Community Association (RHCA);
- Attend regular coordination meetings and provide project updates;
- Complete the preliminary design and engineering phases of the project for SCE utility lines;
- Secure the appropriate rights-of-way and easement use from RHCA as necessary for construction staging;

- Coordinate with Frontier and Cox cable utility companies to prepare design and engineering plans for their utility lines (the cable companies will create their design in conjunction with SCE and lay their lines in the same trenches);
- Prepare an RFP and bid process to hire the construction contractor for the project;
- Oversee and coordinate with the construction contractor;
- Ensure that the construction contractor completes the appropriate undergrounding of utility lines and removal of wooden poles;
- Restore any landscaping, hardscape and the street to the same condition as before the construction and undergrounding; and
- Remove all equipment from the area.

The City of Rolling Hills will enter into an agreement with SCE to perform and manage the design, engineering, and construction of the project. SCE will be fully responsible for all construction management, materials, and labor oversight, and will hire a construction contractor to perform the actual trenching, all other construction duties, and restoration of landscaping and roadway as required.

The Eastfield Drive Electrical Utility Undergrounding is a one-time project and will have an approximate useful life of more than 100 years. Once complete, this will eliminate the need for future FEMA Public Assistance funding for wildfires caused by overhead lines/transmitters combined with wooden poles. The utility company, SCE, will be responsible for on-going underground maintenance as prescribed by General Order 165.



SOUTHERN CALIFORNIA ELECTRICAL FIRM

PROPOSAL FOR SERVICES

April 16, 2019

OVERVIEW

Southern California Electrical Firm is pleased to submit this proposal for services to support City of Rolling Hills as it relates to Rule 20 design and consulting for Eastfield Rd. Several factors influence the cost, schedule and execution of electrical utility construction. It's imperative that suitable communication and discussion points are occurring between the Utilities and designated consultant.

Southern California Electrical Firm has extensive experience in the utility industry. As former Southern California Edison supervisors, we've managed the Planning (Design), Scheduling, and Operations departments in the South Bay District. In total, over 60 years of service in the district capacities. Given the cumbersome work order process, it's imperative to channel the efforts through a qualified firm that possesses the experience and capacity to serve your best interests.

STATEMENT OF WORK

Southern California Electrical Firm (SCEF) proposes the following services related to electrical utility consulting and design services:

- Complete Rule 20 application with all necessary project information and submit to all utilities on the poles.
- Review and submit project plans to all utilities.
- Coordinate and complete site walks with all utilities.
- Complete a proposed design per SCE standards with input from City and submit to utilities. This allows us to have input on location of structures and trench route prior to a final design.
- Third party authorization form to be endorsed by the City and SCEF. This form grants SCEF as the authorized agent to act on the applicant's behalf to acquire work order project information from SCE or to execute new SCE forms and other SCE documents as designated. This form is designed to expedite the cumbersome paperwork and negotiating process without requiring approvals from the City.
- Permit submittals to necessary agencies for the installation of the utilities.
- Leverage SCE and other utility relationships as needed.
- Communication to be done via email, meetings, phone and any additional forms as requested by the City.
- SCEF will attend necessary meetings when requested by the Owner or as needed for processing and discussing utility design.

- SCE executive engagement and CPUC filings (formal complaint) may be necessary in the event utilities fail to cooperate, communicate and perform in a reasonable fashion. Facilitation and filings to be administered by SCEF after review and approval of Contract Officer.
- Excluded from this proposal are permit fees, underground construction costs and utility installation costs. These fees will be paid by the City.

FEES AND PAYMENT

Services Cost	Total
Utility Design Consultation and Initial Preliminary Design	\$ 75,000.00

Billing includes all routine expenses including meetings, reporting/documenting, communication, coordination, accounting, travel and any other administrative costs. Payment due within thirty (30) days of invoice. Total consulting fee not to exceed \$75,000 USD unless agreed upon by both parties. This proposal is valid for thirty (30) days from the date it is presented.

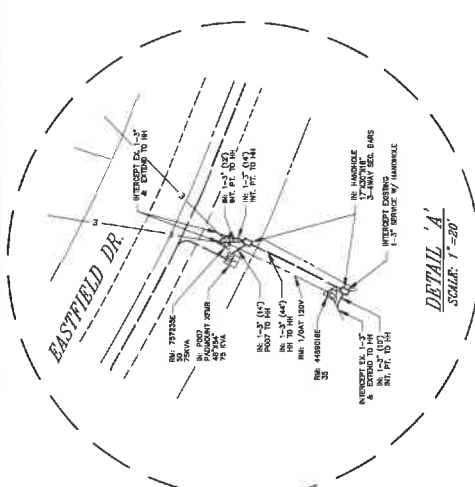
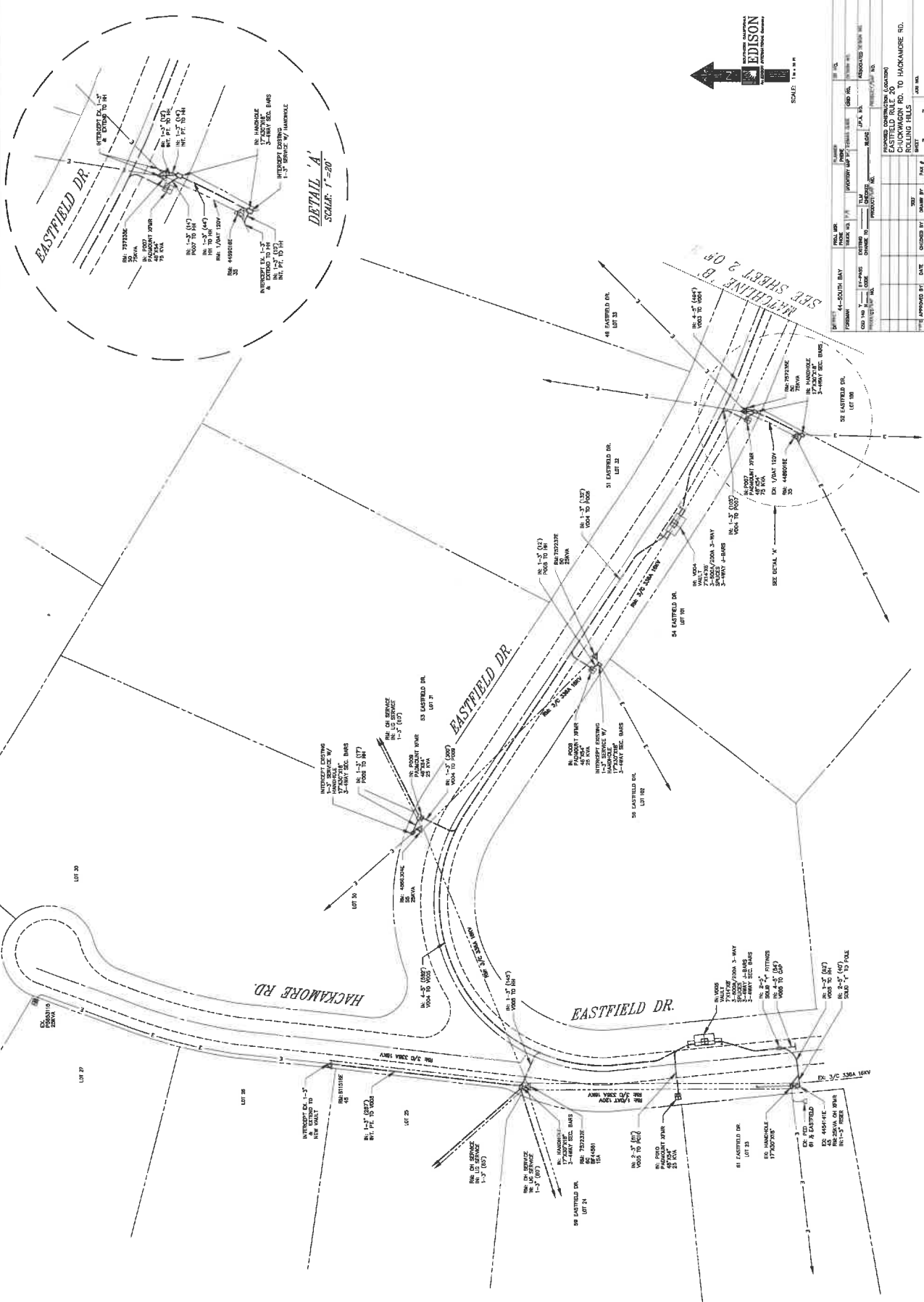
If you have questions on this proposal, feel free to contact David Kanowsky at your convenience by email at dkanowsky@scelectricalfirm.com or by phone at (951) 536-2092.

Thank you for your consideration,

David Kanowsky
Vice President
Southern California Electrical Firm







EDISON

SCALE: 1" = 40'

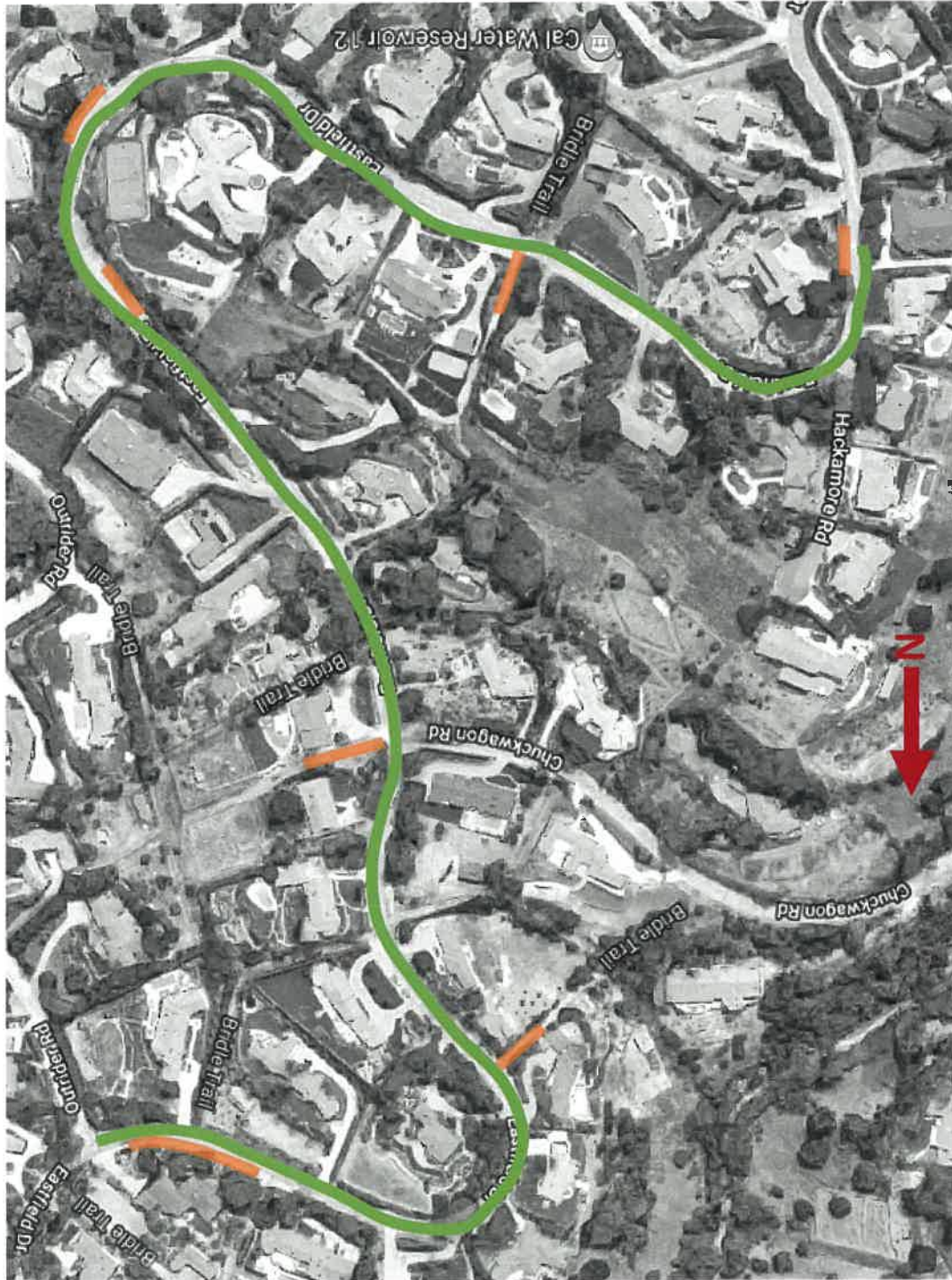
DATE	11-11-11	BY	EDISON
PROJECT	HACKAMORE RD. TO HACKAMORE RD.		
CLIENT	SOUTHERN CALIFORNIA EDISON COMPANY		
DESIGNER	EDISON		
CHECKED BY	DATE	DESIGNED BY	DATE
APPROVED BY	DATE	DESIGNED BY	DATE



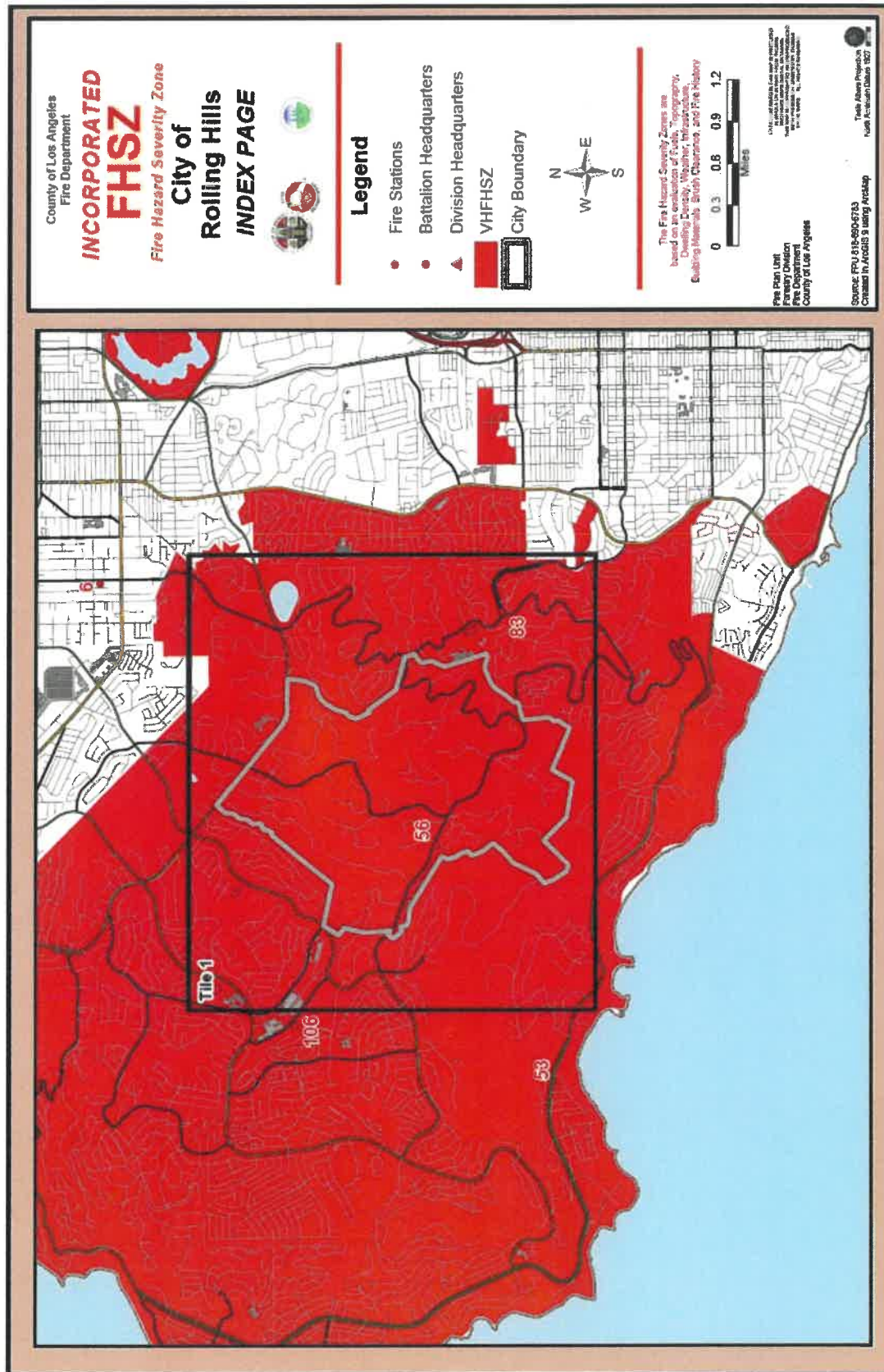
EASTFIELD DRIVE UTILITY
UNDERGROUNDING PROJECT
STAGING AREAS

PROJECT LIMITS

POTENTIAL CONSTRUCTION
STAGING AREAS



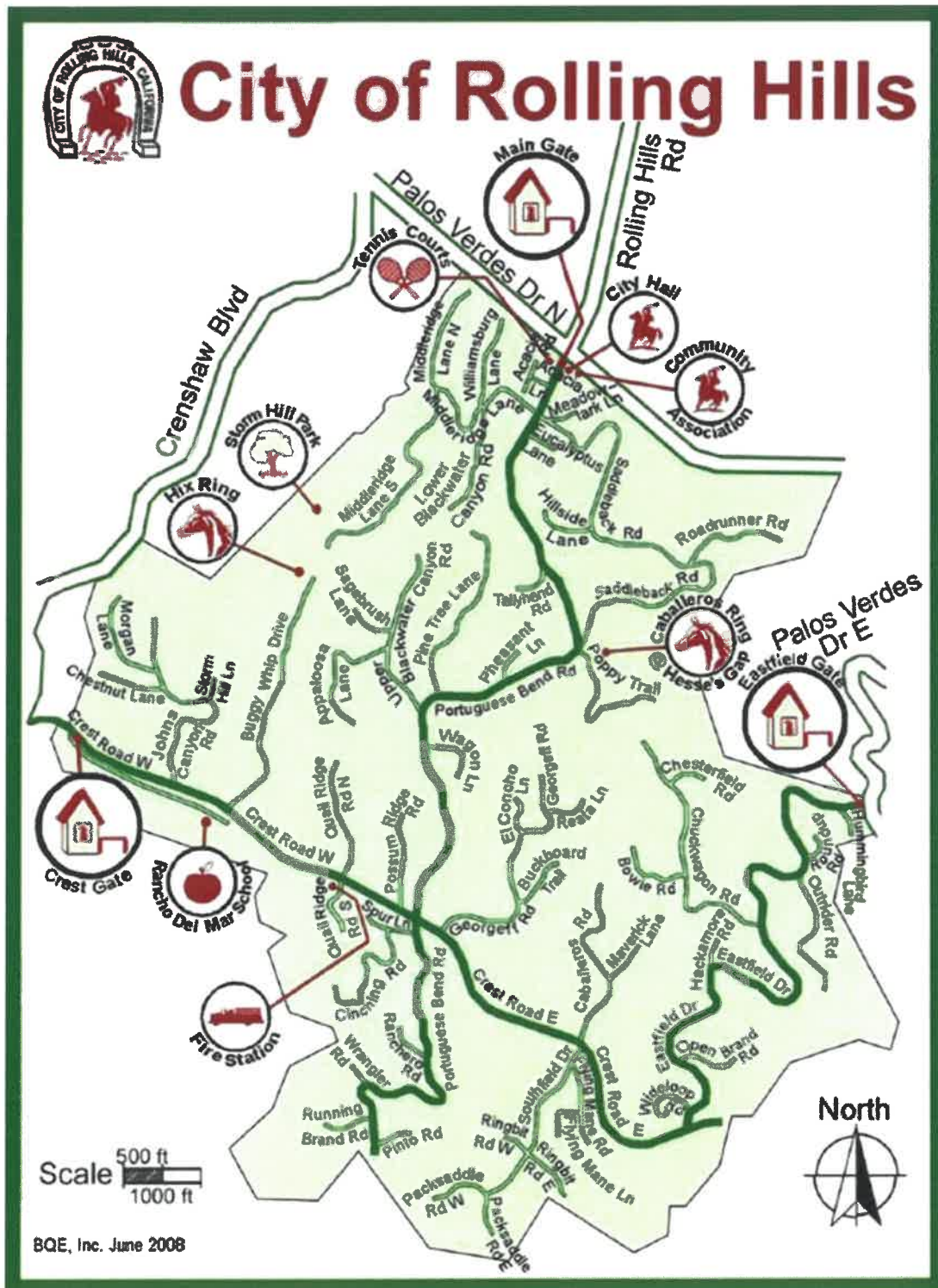
Map: City of Rolling Hills - Fire Hazard Severity Zone (Source: Los Angeles County Fire Department)





MAP: Proximity of Rolling Hills to nearby seismic faults. Epicenters of major earthquakes that devastated the region are also shown.

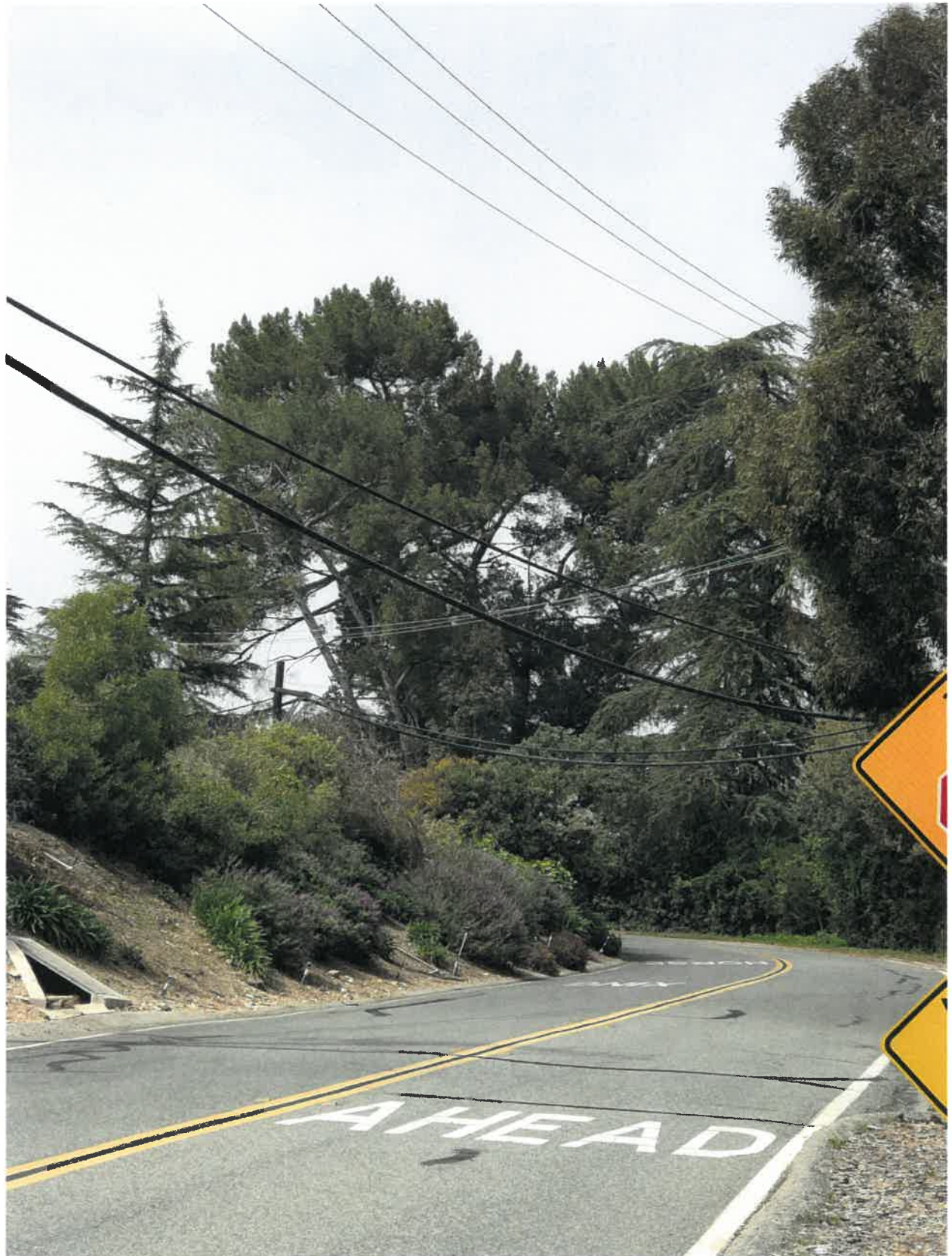
Map: City Map of Rolling Hills
(Source: City of Rolling Hills)



Existing Utility Lines on Eastfield Drive (2019)



Existing Utility Wires on Eastfield Drive (2019)



Existing Eastfield Drive Utility Lines Over Trees (2019)



Existing Utility Lines on Eastfield Drive (2019)



Existing Utility Lines Over Intersection on Eastfield Drive (2019)



Existing Utility Lines Over Eastfield Drive (2019)



Existing Utility Pole Over Eastfield Drive (2019)





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HMGP Cost Estimate Spreadsheet

DATE	JURISDICTION NAME	DISASTER & PROJECT OR PLANNING #	PROJECT OR PLANNING TITLE

#	Item Name	Unit Quantity	Unit of Measure	Unit Cost	Cost Estimate Total
1	Vault - 7'x14'x8' Tub Style - Concrete - 2 piece	5	EA	\$ 22,000.00	\$ 110,000
2	Excavation (7'x14')	5	EA	\$ 16,000.00	\$ 80,000
3	10" PVC Standpipe	10	EA	\$ 1,400.00	\$ 14,000
4	10" PVC Vent pipe (20' per vault)	100	FT	\$ 70.00	\$ 7,000
5	Vent pipe excavation	100	FT	\$ 120.00	\$ 12,000
6	Pad - 48"x54" w/ 17"x30"x15" plastic handhole	10	EA	\$ 1,900.00	\$ 19,000
7	Excavation (48"x54")	10	EA	\$ 2,600.00	\$ 26,000
8	Handhole - 17"x30"x18" - polymer - light traffic	11	EA	\$ 450.00	\$ 4,950
9	Excavation (17"x30")	11	EA	\$ 550.00	\$ 6,050
10	Handhole intercept	6	EA	\$ 700.00	\$ 4,200
11	Conduit - 5"	9140	FT	\$ 11.00	\$ 100,540
12	Conduit - 3"	3226	FT	\$ 10.00	\$ 32,260
13	5" Solid "Y"	4	EA	\$ 350.00	\$ 1,400
14	Excavation ("Y")	2	EA	\$ 900.00	\$ 1,800
15	Trench - 1-2 conduits	1469	FT	\$ 80.00	\$ 117,520
16	Trench - 3-4 conduits	796	FT	\$ 100.00	\$ 79,600
17	Trench - 5-6 conduits	1163	FT	\$ 100.00	\$ 116,300
18	Trench - 7-8 conduits	34	FT	\$ 200.00	\$ 6,800
19	Rubberized/Standard Perm. Asphaltic Concrete	9416	SF	\$ 20.00	\$ 188,320
20	Asphaltic concrete berm	329	FT	\$ 55.00	\$ 18,095
21	Landscape repair	3850	SF	\$ 36.00	\$ 138,600
22	Mandrel	46	EA	\$ 2,000.00	\$ 92,000
23	Pothole - > 2 cu. Yds	5	EA	\$ 3,550.00	\$ 17,750
24	Pothole - pole/anchor	1	EA	\$ 3,550.00	\$ 3,550
25	Tie-in to existing xfmr pad	1	EA	\$ 2,100.00	\$ 2,100
26	Tie-in to existing handhole	2	EA	\$ 1,300.00	\$ 2,600
27	Intercept existing conduit (no encasement)	5	EA	\$ 1,900.00	\$ 9,500
28	Traffic control - medium/1 location/8hrs	15	DAY	\$ 1,800.00	\$ 27,000
29	ITCC Taxes on Trench (Total Trench Cost x 35%)	1	LS	\$ 112,077.00	\$ 112,077
30					\$ -
31	Cable & Communications Civil			\$ -	\$ -
32	Conduit - 5"	6924	FT	\$ 11.00	\$ 76,164
33	Junction box	22	EA	\$ 450.00	\$ 9,900
34	Excavation (17"x30")	22	EA	\$ 550.00	\$ 12,100
35					\$ -
36	Utility Installation Cost Estimates				\$ -
37	SCE Installation of Cable and Equipment	1	LS	\$ 450,000.00	\$ 450,000
38	COX Installation of Cable and Equipment	1	LS	\$ 70,000.00	\$ 70,000
39	Frontier Installation of Cable and Equipment	1	LS	\$ 560,000.00	\$ 560,000
40	Other Unkown Utility Installation of Cable and Equipment	1	LS	\$ 100,000.00	\$ 100,000
Total Project Cost Estimate:					\$ 2,629,176

WORK SCHEDULE INFORMATION

14. PROJECT WORK SCHEDULE:

The intent of the work schedule is to provide a realistic appraisal of the time and components required to complete the project.

- Describe each of the major work elements and milestones in the description section below.
- Project subapplication examples are: construction, architectural, design, engineering, inspection, testing, permits, project management, mobilization and de-mobilization.
- State the total timeframe anticipated for each of the work elements.
- State the total timeframe anticipated to complete the project.
- Work schedule must mirror SOW, budget and BCA.OPTIONAL: Provide the work schedule in GANTT chart form as supplemental documentation in the work schedule section of the binder Include this information as an example.

WORK SCHEDULE EXAMPLE		
#	DESCRIPTION	TIMEFRAME
1.	Kick-off, 90% design meetings	3 months
2.	Final contract drawing development	5 months
3.	Open bids and award contract	4 months
4.	Construction – Mobilization	5 months
5.	Construction – Demolition	4 months
6.	Construction – Concrete and conduit work	2 months
7.	Construction – Trenching	2 weeks
8.	Construction – Utility relocation	4 months
9.	Construction – Electrical Installation	1 month
10.	Construction – Site Restoration	1 week
11.	Construction – Complete punch list	2 months
12.	Construction – Demobilization	1 week
13.	Project Close-out and record drawings	2 months
14.	Grant Close out	3 months
TOTAL MONTHS:		36 months



TOTAL PROJECT DURATION (INCLUDING CLOSE-OUT) MUST NOT EXCEED A 36 MONTH PERIOD OF PERFORMANCE (POP).

#	DESCRIPTION	TIMEFRAME
1.	Technical Evaluations Finalized	2 months
2.	Geotechnical and Surveying	2 months
3.	Final Design Plans, Specs., and Cost Estimates	7 months
4.	Development of CEQA documents (as applicable)	2 months
5.	Preparation and Advertisement for Bid	3 months
6.	Board Approval of Construction Awards: 1) Contractor Award, 2) Construction Management Consultant, 3) Design Engineer Support Services Amendment	3 months
7.	Construction Begins	1 month
8.	Construction Mobilization	1 month
9.	Undergrounding	10 months
10.	Punchlist Completion	1 month
11.	Demobilization	1 month
12.		
13.		
14.		
15.		
16.		
17.		
18.	Project Close-out	
19.	STANDARD VALUE (DO NOT CHANGE) Grant Close-out	3 months

TOTAL MONTHS:

36

If more lines are needed than provided, indicate the title of document in box 1 and attach a separate work schedule in the schedule section of binder.



SOUTHERN CALIFORNIA ELECTRICAL FIRM

April 8, 2019

RULE 20 EASTFIELD PROJECT – ESTIMATED COSTS

Southern California Electrical Firm completed a preliminary Rule 20 underground design based on SCE design standards. The costs below are estimates to be used for the application to Cal OES. These costs are based off prior underground installation experience and costs from similar projects. Actual costs can be supplied given more time and further consulting with utilities.

SCE, Frontier & Cox Underground Civil Construction	\$1,450,000
SCE Installation of Cable and Equipment	\$450,000
Cox Installation of Cable and Equipment	\$70,000
Frontier Installation of Cable and Equipment	\$560,000
Other Unknown Utilities	\$100,000
Total:	\$2,630,000

If you have questions, feel free to contact David Kanowsky at your convenience by email at dkanowsky@scelectricalfirm.com or by phone at (951) 536-2092.

Thank you,

David Kanowsky
Vice President
Southern California Electrical Firm

DR-4382-0177 Eastfield Drive Electrical Utility Undergrounding

Cost Estimate Narrative

The attached HMGP Cost Estimate Spreadsheet contains material, quantities, and costs required to underground a portion of SCE's Statler 16kV overhead mainline distribution circuit. The Statler 16kV circuit currently feeds approximately 1,000 homes in Rolling Hills and surrounding areas. This portion of the Statler 16kV circuit runs approximately 3,500 feet along Eastfield Drive from Chuckwagon Road to Hackamore Road in the city of Rolling Hills. 21 poles will be removed along with all overhead wire and equipment attached to them.

The project scope entails the installation of a conventional underground conduit and structure system to accommodate the installation of SCE equipment, including underground cable, transformation, and switching devices.

This estimate has been created using SCE standards and includes the following:

- 3,462 feet of trench, approximately 24" wide, deep enough to provide 30" of cover over the top of the PVC conduits. These trench quantities have been split out based on the amount of PVC conduits in the corresponding sections.
- 9,140 feet of 5" PVC conduit and 3,226" of 3" PVC conduit. These conduits are installed in the trench to accommodate the installation of SCE's underground cable.
- (5) 7'x14'x8' concrete vaults. These vaults are installed to accommodate SCE underground switches and splicing.
- (10) 48"x54" transformer pads. These pads are installed at ground level to accommodate SCE underground-fed transformers. This equipment is needed to step down the voltage to re-feed the surrounding customers.
- (11) 17"x30"x18" Handholes. These structures are needed to split services to individual customers.
- Asphalt/Concrete/Landscaping/Tie-in/Traffic control costs. These costs are all associated with trenching in the public right of way and restoring the area to its original condition once work is complete.

Additional costs have been added for the undergrounding of communication and cable facilities also existing on the pole line.

- 6,924' of 5" PVC conduit to accommodate underground communication cables.
- (22) junction boxes to accommodate underground communication splicing equipment.

Procurement and installation of all cable and equipment is performed by the utilities in the area. An estimate of this cost has been provided based on similar projects in the area.

AC	ACRE
CF	CUBIC FOOT
CY	CUBIC YARD
DAY	DAY
EA	EACH
HR	HOUR
LF	LINEAR FOOT
LS	LUMP SUM
MBF	MILLION BOARD FEET
MI	MILE
SEAT	NUMBER OF SEATS
SF	SQUARE FOOT
SQ	UNKNOWN
SY	SQUARE YARD
SY/IN	SQUARE YARD PER INCH
TON	TON
FT	FOOT
IN	INCH

17 Apr 2019

Project: **Rolling Hills Fire Prevention 0177**

Pg 1 of 7

Total Benefits: **\$5,706,871**

Total Costs: **\$2,877,509**

BCR: **1.98**

Project Number: 0177

Disaster #: DR-4382

Program: HMGP

Agency: **City of Rolling Hills**

State: **California**

Point of Contact: Yolanda Schwartz

Analyst: Linda Palmquist

Project Summary:

Project Number: 0177

Disaster #: DR-4382

Program: HMGP

Agency: City of Rolling Hills

Analyst: Linda Palmquist

Discount Rate: 0.070

Point of Contact: Yolanda Schwartz

Phone Number: (310) 377-1521

Address: 2 Portuguese Bend Road, Rolling Hills, California, 90274

Email: ys@cityofrh.net

Comments:

Structure Summary For:

Power Line Undergrounding, 2 Portuguese Bend Road, Rolling Hills, California, 90274, Los Angeles

Structure Type: Utility

Historic Building: No

Contact: Yolanta Schwartz

Benefits: \$5,706,871

Costs: \$2,877,509

BCR: 1.98

Mitigation	Hazard	BCR	Benefits	Costs
TBD	Damage-Frequency Assessment	1.98	\$5,706,871	\$2,877,509

17 Apr 2019

Project: **Rolling Hills Fire Prevention 0177**

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Total Benefits: **\$5,706,871**

Total Costs: **\$2,877,509**

BCR: **1.98**

Project Number: 0177

Disaster #: DR-4382

Program: HMGP

Agency: **City of Rolling Hills**

State: **California**

Point of Contact: Yolanda Schwartz

Analyst: Linda Palmquist

Structure and Mitigation Details For: Power Line Undergrounding, 2 Portuguese Bend Road, Rolling Hills, California, 90274, Los Angeles

Benefits: \$5,706,871

Costs: \$2,877,509

BCR: 1.98

Hazard: **Damage-Frequency Assessment - Other**

Mitigation Option: TBD

Latitude:

Longitude:

Project Useful Life: 50

Mitigation Information

Basis of Damages: Historical Damages

Number of Estimated Damage Events: 3

Number of Events with Known Recurrence Intervals: 0

Utilities

Type of Service: Electrical

Other:

Number of Customers Served: 19,417

Value per Unit of Service: 148.00

Total Value of Service per Day \$2,873,716

Facility Description:

Electrical Service on Eastfield Drive in Rolling Hills

17 Apr 2019

Project: **Rolling Hills Fire Prevention 0177**

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Total Benefits: **\$5,706,871**Total Costs: **\$2,877,509**BCR: **1.98**

Project Number: 0177

Disaster #: DR-4382

Program: HMGP

Agency: **City of Rolling Hills**State: **California**

Point of Contact: Yolanda Schwartz

Analyst: Linda Palmquist

Historic Damages Before and After Mitigation

Analysis Year: 2019

Analysis Duration: 65

Utilities (\$/day): \$2,873,716.00

Year Built: 1955

User Input Analysis Duration:

Buildings (\$/day):

Roads/Bridges (\$/day):

Damages Before Mitigation

Damage Year: 1994

RI:

Are Damages In Current Dollars? Yes

Buildings (Days):

Utilities (Days): 5.0

Roads (Days):

Total	\$14,386,940
Total Inflated	\$14,386,940

Damages After Mitigation

RI: 30.00

Are Damages In Current Dollars? Yes

Buildings (Days):

Utilities (Days): 1.0

Roads (Days):

Total	\$2,873,716

Volunteers Cost

Number of Volunteers Required: 20.0

Cost of Volunteers Time (\$/Hour/Person): 21.0

Per-Person Cost of Lodging for a Volunteer: 150.0

Number of Hours Volunteered/Person: 8.0

Number of Days Lodging/Volunteer: 5.0

Cost of Volunteers: 18,360

17 Apr 2019

Project: **Rolling Hills Fire Prevention 0177**

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Total Benefits: **\$5,706,871**Total Costs: **\$2,877,509**BCR: **1.98**

Project Number: 0177

Disaster #: DR-4382

Program: HMGP

Agency: **City of Rolling Hills**State: **California**

Point of Contact: Yolanda Schwartz

Analyst: Linda Palmquist

Damage Year: 1971

RI:

Are Damages In Current Dollars? Yes

Buildings (Days):

Utilities (Days): 1.0

Roads (Days):

Total	\$2,880,076
Total Inflated	\$2,880,076

Volunteers Cost

Number of Volunteers Required: 20.0

Cost of Volunteers Time (\$/Hour/Person): 21.0

Per-Person Cost of Lodging for a Volunteer: 150.0

Number of Hours Volunteered/Person: 8.0

Number of Days Lodging/Volunteer: 1.0

Cost of Volunteers: 6,360

Damage Year: 1968

RI:

Are Damages In Current Dollars? Yes

Buildings (Days):

Utilities (Days): 2.0

Roads (Days):

Total	\$5,759,132
Total Inflated	\$5,759,132

Volunteers Cost

Number of Volunteers Required: 25.0

Cost of Volunteers Time (\$/Hour/Person): 21.0

Per-Person Cost of Lodging for a Volunteer: 150.0

Number of Hours Volunteered/Person: 8.0

Number of Days Lodging/Volunteer: 2.0

Cost of Volunteers: 11,700

17 Apr 2019

Project: **Rolling Hills Fire Prevention 0177**

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Total Benefits: **\$5,706,871**Total Costs: **\$2,877,509**BCR: **1.98**

Project Number: 0177

Disaster #: DR-4382

Program: HMGP

Agency: **City of Rolling Hills**State: **California**

Point of Contact: Yolanda Schwartz

Analyst: Linda Palmquist

Damage Year: 1973

RI:

Are Damages In Current Dollars? Yes

Buildings (Days):

Utilities (Days): 2.0

Roads (Days):

Total	\$5,766,512
Total Inflated	\$5,766,512

Volunteers Cost

Number of Volunteers Required: 60.0

Cost of Volunteers Time (\$/Hour/Person): 21.0

Per-Person Cost of Lodging for a Volunteer: 150.0

Number of Hours Volunteered/Person: 8.0

Number of Days Lodging/Volunteer: 1.0

Cost of Volunteers: 19,080

Damage Year: 2009

RI:

Are Damages In Current Dollars? Yes

Buildings (Days):

Utilities (Days): 1.0

Roads (Days):

Total	\$2,950,516
Total Inflated	\$2,950,516

Volunteers Cost

Number of Volunteers Required: 100.0

Cost of Volunteers Time (\$/Hour/Person): 21.0

Per-Person Cost of Lodging for a Volunteer: 150.0

Number of Hours Volunteered/Person: 8.0

Number of Days Lodging/Volunteer: 4.0

Cost of Volunteers: 76,800

Social Benefits**Mental Stress and Anxiety**

Number of Person:

Lost Productivity

Number of Worker:

17 Apr 2019

Project: **Rolling Hills Fire Prevention 0177**

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Total Benefits: **\$5,706,871**Total Costs: **\$2,877,509**BCR: **1.98**

Project Number: 0177

Disaster #: DR-4382

Program: HMGP

Agency: **City of Rolling Hills**State: **California**

Point of Contact: Yolanda Schwartz

Analyst: Linda Palmquist

Treatment Costs per person: \$2,443.00

Productivity Loss per person: \$8,736.00

Total Mental Stress and Anxiety Cost: \$0.00

Total Lost Productivity Cost: \$0.00

BCR Calculation Results

Expected Annual Damages Before Mitigation

Expected Annual Damages After Mitigation

Expected Avoided Damages After Mitigation (Benefits)

Annual: \$509,309
Present Value: \$7,028,844

Annual: \$95,790
Present Value: \$1,321,973

Annual: \$413,519
Present Value: \$5,706,871

Mitigation Benefits: \$5,706,871

Mitigation Costs: \$2,877,509

Benefits Minus Costs: \$2,829,362

Benefit-Cost Ratio: 1.98

Cost Estimate

Project Useful Life (years): 50

Construction Type:

Mitigation Project Cost: \$0

Detailed Scope of Work: Yes

Annual Project Maintenance Cost: \$12,500

Detailed Estimate for Entire Project: No

Final Mitigation Project Cost: \$2,877,509

Years of Maintenance: 50

Cost Basis Year:

Present Worth of Annual Maintenance Costs: \$172,509

Construction Start Year:

Estimate Reflects Current Prices: Yes

Construction End Year:

Project Escalation:

Phase and Item	Pub	Hist	Contr	Qty	Unit	Unit Cost	Task Cost
PRE-CONSTRUCTION COSTS							
Pre-Construction							
Lump Sum							\$75,000
CONSTRUCTION COSTS							
Construction Costs							

Justification/Attachments

Lump Sum							\$2,800,000

17 Apr 2019

Project: **Rolling Hills Fire Prevention 0177**

Pg 7 of 7

Total Benefits: **\$5,706,871**Total Costs: **\$2,877,509**BCR: **1.98**

Project Number: 0177

Disaster #: DR-4382

Program: HMGP

Agency: **City of Rolling Hills**State: **California**

Point of Contact: Yolanda Schwartz

Analyst: Linda Palmquist

ANNUAL PROJECT MAINTENANCE COSTS	Description	Attachments
Project Maintenance	The 03 Sep 2018 BCA includes Historic Damages.	Historic Damages.pdf
Lump Sum Facility Description	The current overhead electrical service and proposed underground electrical service are shown in the attached plans.	SCEF Design - Eastfield R20_CITY BASE.pdf
CONSTRUCTION MARKUPS		
Historic damages before mitigation	From 09 Sep 2018 BCA DR-4344-0526.	Historic Damages.pdf
Number of Customers Served	The attached documents show the customers served.	Customers Served.pdf; Customers Served.docx
Project useful life	Benefit Cost Analysis Reference Guide, page D-1, indicates that the Useful Life is 50 years. Attached documents include Scope of Work, Design Drawings, Pre Costs, Construction Costs, Maintenance Costs.	SOW Eastfield Drive HMGP Project Subapplication.docx; SCEF Rule 20 Estimated Costs - Eastfield Dr. Rolling Hills.pdf; SCEF Design - Eastfield R20_CITY BASE.pdf; Proposal - City of Rolling Hills Rule 20.pdf; HMGP Project Subapplication - Fire Breaks Project Maintenance Letter TemplateR22.docx; bca_reference_guide, page D-1.pdf
Unknown Frequency - Damages after Mitigation	The 03 Sep 2018 BCA includes Historic Damages.	Historic Damages.pdf
Rebuilt	While some homes have been rebuilt, the homes on Eastfield Drive were originally built in 1955 and therefore electrical service was established then. While some poles have been replaced, electric service was established in 1955.	

PRINT THIS PAGE – ORIGINAL SIGNATURE IS REQUIRED

PROJECT CONDITIONS

Indicate by checking each box below that you will adhere to these listed project conditions.

- ☒ If during implementation of the project, ground-disturbing activities occur and artifacts or human remains are uncovered, all work will cease and FEMA, Cal OES, and the State Historic Preservation Officer (SHPO) will be notified.
- ☒ If deviations from the approved scope of work result in design changes, the need for additional ground disturbance, additional removal of vegetation, or will result in any other unanticipated changes to the physical environment, FEMA will be contacted and a re-evaluation under NEPA and other applicable environmental laws will be conducted.
- ☒ If wetlands or waters of the U.S. are encountered during implementation of the project, not previously identified during project review, all work will cease and FEMA will be notified.
- ☒ Due to the Federally mandated Environmental and Historic Preservation (EHP) review; no construction will occur for this project prior to FEMA and Cal OES approval.

AUTHORIZATION

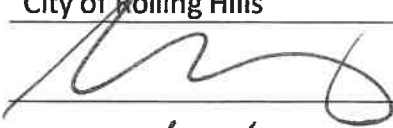
The undersigned does hereby submit this subapplication for financial assistance in accordance with the Federal Emergency Management Agency's (FEMA) Hazard Mitigation Grant Program (HMGP) and the State Hazard Mitigation Administrative Plan and certifies that the subapplicant (e.g., organization, city, or county) will fulfill all requirements of the program as contained in the program guidelines and that all information contained herein is true and correct to the best of our knowledge.

Subapplicant Authorized Agent

NAME: Elaine Jeng

TITLE: City Manager

ORGANIZATION: City of Rolling Hills

SIGNATURE: 

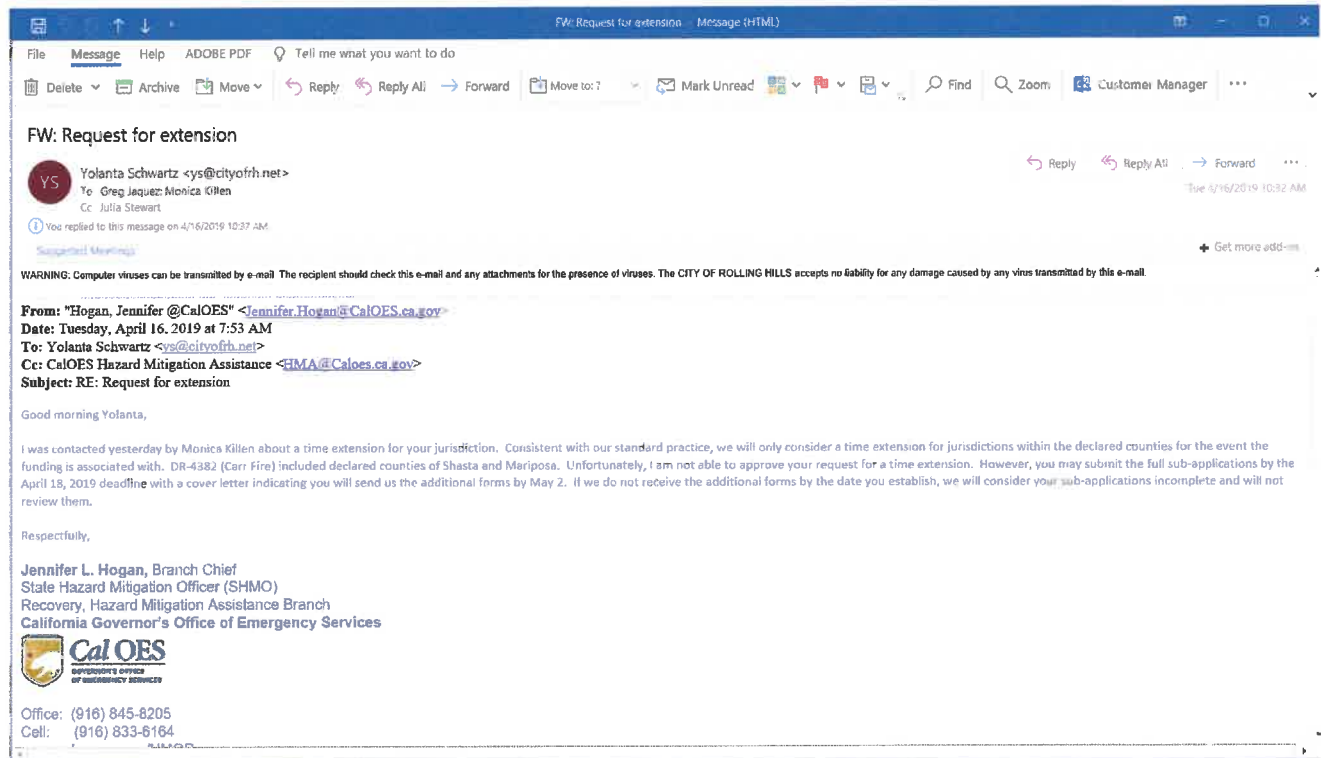
DATE: 4/16/2019

Placeholder for

AGENT RESOLUTION FORM

DR-4382-0172

Will be submitted by May 2, 2019



**CALIFORNIA GOVERNOR'S OFFICE OF EMERGENCY SERVICES
SUBRECIPIENT GRANTS MANAGEMENT ASSESSMENT**

Subrecipient: City of Rolling Hills	DUNS # 18945170	FIPS #: 06037
Grant Disaster/Program Title: DR-4382 Hazard Mitigation Grant Program (Planning)		
Performance Period:	to	Subaward Amount Requested: \$ 123,750
Type of Non-Federal Entity (Check Box)	☐ State Gov. ☒ Local Gov. ☐ JPA ☐ Non-Profit ☐ Tribe	

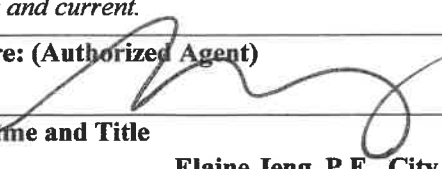
Per Title 2 CFR § 200.331, Cal OES is required to evaluate the risk of noncompliance with federal statutes, regulations and grant terms and conditions posed by each subrecipient of pass-through funding. This assessment is made in order to determine and provide an appropriate level of technical assistance, training, and grant oversight to subrecipients for the award referenced above.

The following are questions related to your organization's experience in the management of federal grant awards. This questionnaire must be completed and returned with your grant application materials.

For purposes of completing this questionnaire, *grant manager* is the individual who has primary responsibility for day-to-day administration of the grant, *bookkeeper/accounting staff* means the individual who has responsibility for reviewing and determining expenditures to be charged to the grant award, and *organization* refers to the subrecipient applying for the award, and/or the governmental implementing agency, as applicable.

Assessment Factors	Response
1. How many years of experience does your current grant manager have managing grants?	5 years
2. How many years of experience does your current bookkeeper/accounting staff have managing grants?	>5 years
3. How many grants does your organization currently receive?	None
4. What is the approximate total dollar amount of all grants your organization receives?	\$0
5. Are individual staff members assigned to work on multiple grants?	Yes
6. Do you use timesheets to track the time staff spend working on specific activities/projects?	Yes
7. How often does your organization have a financial audit?	Annually
8. Has your organization received any audit findings in the last three years?	No
9. Do you have a written plan to charge costs to grants?	Yes
10. Do you have written procurement policies?	Yes
11. Do you get multiple quotes or bids when buying items or services?	Always
12. How many years do you maintain receipts, deposits, cancelled checks, invoices, etc.?	>5 years
13. Do you have procedures to monitor grant funds passed through to other entities?	Yes

Certification: *This is to certify that, to the best of our knowledge and belief, the data furnished above is accurate, complete and current.*

Signature: (Authorized Agent) 	Date: 4-16-2019
Print Name and Title Elaine Jeng, P.E., City Manager	Phone Number: 310-377-1521

Program Specialist Only: SUBAWARD #

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)
SITE INFORMATION, ENVIRONMENTAL REVIEW, AND CHECKLIST

A. PURPOSE:

Federal agencies are required by law to independently assess the potential environmental impacts resulting from their proposed actions. This form will be used to screen applications for necessary compliance with those laws. It will be used to assess the amount of available information for environmental compliance and the cost burden of environmental compliance relative to the total project cost. It is extremely important that the information provided be in accurate and sufficient detail to permit FEMA to evaluate the environmental conditions and/or features for providing financial assistance to Subapplicants.

Although the information may be obtained from FEMA's own observations, previous environmental studies and/or research must be utilized. Such information is available from the jurisdictional Federal, state and local resource/regulatory agencies responsible for protecting or regulating resources such as wetlands, floodplains, coastal zones, threatened and endangered species, farmland, or properties listed in or considered eligible for listing to the National Register of Historic Places.

This information is designed to obtain an understanding by FEMA of the project site's present environmental condition and the proposed project's elements that may affect the environment. It is important to understand the comprehensive nature of the information requested. Information must be provided for the site and immediate surrounding area that will be directly or indirectly affected by implementation (construction and operation) of the Subapplicant's proposal.

B. PURPOSE AND NEED:

FEMA will provide federal financial assistance to State and Local governments and certain non-profit entities to respond to, recover from or help mitigate disasters by providing financial assistance from the grant programs within its jurisdiction.

C. PROJECT DESCRIPTION:

APPLICATION ID:	<u>DR-4382-0177</u>
PROPOSED PROJECT LOCATION:	<u>Eastfield Drive in the City of Rolling Hills, CA 90274</u> (ADDRESS, CITY, COUNTY, STATE, ZIP CODE)
LATITUDE/LONGITUDE:	<u>33.754743, -118.334902</u>
PROPOSAL:	<u>Underground Power Lines and Removal of Poles</u>
SITE SIZE:	<u>~4,735 lineal ft.</u>

D. PROJECT COORDINATION, PERMITS AND APPROVALS:

Will the proposal require the following agency coordination, permits and/or approvals?

	YES	NO
1. CWA Section 404/RHA Section 10	☐	☒
2. Clean Water Act Section 401/402	☐	☒
3. EO 11988 Floodplains 8-step Process	☐	☒
4. EO 11990 Wetlands 8-step Process	☐	☒
5. CZMA CC/Negative Determination	☐	☒
6. Section 7 ESA	☐	☒
7. NHPA Section 106	☐	☒
8. FLPA Farmland Conversion Form AD-1006	☐	☒
9. CAA General Conformity Determination	☐	☒
10. Migratory Bird Treaty Act	☐	☒
11. Fish and Wildlife Coordination Act	☐	☒
12. Magnuson-Stevens Fishery & Management Act	☐	☒
13. Other: _____	☐	☒

E. POTENTIAL ENVIRONMENTAL IMPACT:

Are any of the following land uses or environmental resources located on, or adjacent to the project site, and are directly or indirectly impacted by the proposed project?

Physical Characteristics of site(s) or vicinity:	YES	NO	POSSIBLE	EXHIBITS*
1. Flat, rolling, hilly, steep slopes, mountainous?	☐	☐	☒	☐
2. Soil type?	☐	☒	☐	☐
3. Any surface water bodies (streams, saltwater, lakes, ponds, rivers, wetlands) on or near the project area?	☐	☒	☐	☐
4. Will the project require work over, in or adjacent to waters of the U.S.?	☐	☒	☐	☐
5. Alter existing drainage pattern of the site, alter course of surface waters?	☐	☒	☐	☐
6. Create increased stormwater runoff or otherwise degrade water quality?	☐	☒	☐	☐
7. Source of collection and disposal of storm water runoff?	☐	☒	☐	☐
8. Will the proposal alter surface water quality?	☐	☒	☐	☐
9. Affect a sole source aquifer?	☐	☒	☐	☐
10. Affect a Wild and Scenic River?	☐	☒	☐	☐
11. Involve construction in the Coastal Zone?	☐	☒	☐	☐
12. Could the proposal lead to increased erosion by clearing, grading, excavation?	☐	☒	☐	☐
13. Could the proposal cause changes in geological substructures?	☐	☒	☐	☐
14. Do seismic hazards exist in the area?	☐	☐	☒	☐

		YES	NO	POSSIBLE	EXHIBITS*
15.	Could the proposal increase mudslides, landslides, ground failure, subsidence or liquefaction?	☐	☒	☐	☐
16.	Located in a non-attainment or maintenance area for criteria air pollutants?	☐	☒	☐	☐
17.	Increase emission levels of regulated air pollutants and exceed <i>de minimis</i> standards?	☐	☒	☐	☐
18.	What types of noise would be created by this project (traffic, construction, operation)? Will the source produce short-term or long-term impacts?	☐	☐	☒	☐
19.	Affect sensitive receptors (residences, institutions, hospitals, schools within ¼ mile of project area?	☐	☐	☒	☐
20.	Will views in the immediate vicinity be altered or obstructed?	☐	☒	☐	☐
21.	Would the proposal result in an aesthetically negative site open to public view?	☐	☒	☐	☐
22.	Will the proposal produce light or glare?	☐	☒	☐	☐
23.	Could light or glare be a safety hazard or interfere with views?	☐	☒	☐	☐

Biological Characteristics:

		YES	NO	POSSIBLE	EXHIBITS*
1.	Vegetation type? (Deciduous, coniferous, shrubs, grasses, pasture, cropland, hydrophytic)	☐	☒	☐	☐
2.	Wildlife observed on site or known to exist within immediate vicinity (Birds, mammals, fish)?	☐	☐	☒	☐
3.	Potential for endangered or threatened species and/or critical habitat in the project area?	☐	☒	☐	☐
4.	Result in the deterioration of existing or critical habitat?	☐	☒	☐	☐
5.	Have a substantial adverse effect on any riparian habitat?	☐	☒	☐	☐
6.	Interfere substantially with the movement of any migratory fish?	☐	☒	☐	☐
7.	Located in a migratory flyway or migration route?	☐	☒	☐	☐
8.	Conflict with any local ordinances protecting resources such as tree preservation?	☐	☒	☐	☐
9.	Introduce or cause the spread of invasive species during construction and/or operation?	☐	☒	☐	☐
10.	Affect any national/state/local wildlife/waterfowl refuges on or adjacent to project area?	☐	☒	☐	☐

Land Use and Socioeconomic Characteristics:

		YES	NO	POSSIBLE	EXHIBITS*
1.	Have a disproportionate impact on low income or minority populations?	☐	☒	☐	☐
2.	Physically divide a community?	☐	☒	☐	☐
3.	Induce substantial population growth?	☐	☒	☐	☐
4.	Alter the present or planned use of an area?	☐	☒	☐	☐

	YES	NO	POSSIBLE	EXHIBITS*
5. Displace a substantial number of people, housing or businesses?	☐	☒	☐	☐
6. Would the proposal affect existing housing?	☐	☐	☒	☐
7. Convert important farmland?	☐	☒	☐	☐
8. Be located within two miles of a public airport?	☐	☒	☐	☐
9. Has any part of the site been classified an environmentally sensitive area?	☐	☒	☐	☐
10. Displace any existing recreational uses?	☐	☒	☐	☐

Historic and Cultural Characteristics:

	YES	NO	POSSIBLE	EXHIBITS*
1. Result in an effect to historic properties on-site or adjacent to the site listed on or eligible for listing on the National Register of Historic Places?	☐	☒	☐	☐
2. Is the proposed site on or adjacent to tribal lands?	☐	☒	☐	☐
3. Result in excavation of soil?	☒	☐	☐	☐
4. Would the proposal alter or destroy prehistoric or historic archeological sites?	☐	☒	☐	☐
5. Result in an effect to properties designated as National Historic Landmarks?	☐	☒	☐	☐
6. Would the proposal result in an adverse physical or aesthetic affect to a historic property?	☐	☒	☐	☐
7. Anticipated level of effort for Section 106 compliance?	☐	☒	☐	☐

Hazardous/Toxic Materials:

	YES	NO	POSSIBLE	EXHIBITS*
1. Does the site presently have known USTs or ASTs?	☐	☒	☐	☐
2. Is there any evidence of existing USTs, such as vent pipes, fill caps, etc.?	☐	☒	☐	☐
3. Have UST's ever been located on the property?	☐	☒	☐	☐
4. Do the past uses of the site suggest hazardous or toxic materials may be present at or near the site?	☐	☐	☒	☐
5. Are there curb cuts, footings, or other evidence of former buildings on site?	☐	☒	☐	☐
6. Does the site or building contain any of the following: • PCB electric transformers? • Urea formaldehyde? Friable asbestos? • Lead-based paints? Radioactivity? • Radon? • Soil contamination?	☐	☐	☒	☐
7. Is the site on or near an EPA or State Superfund or priority cleanup?	☐	☒	☐	☐

Energy and Utilities:

	YES	NO	POSSIBLE	EXHIBITS*
1. What kinds of energy (electric, natural gas, oil) will be used to meet the project's needs for construction/operation?	☐	☒	☐	☐

	YES	NO	POSSIBLE	EXHIBITS*
2. Are utilities available to the site? What type (electricity, natural gas, water, garbage, telephone, sanitary sewer)?	☐	☐	☐	☐

Public Services and Facilities:

	YES	NO	POSSIBLE	EXHIBITS*
1. Will the project result in an increased need for public services (fire, police, health care, schools)?	☐	☒	☐	☐
2. Would the proposal result in a decrease in parks or open space?	☐	☒	☐	☐

Transportation:

	YES	NO	POSSIBLE	EXHIBITS*
1. Will the project change traffic patterns or volumes in the area?	☐	☐	☒	☐
2. Does the site have access constraints?	☐	☒	☐	☐
3. Will the project require any new roads or streets, or improvements to existing roads or streets?	☐	☒	☐	☐
4. Will the proposal result in an increase of vehicular trips per day to the site?	☐	☐	☒	☐
5. Will the proposal result in increased hazards to motor vehicles, bicyclists or pedestrians?	☐	☒	☐	☐

Construction Activities:

	YES	NO	POSSIBLE	EXHIBITS*
1. Would the proposal result in the following?	☐	☐	☐	☐
a) increased ambient noise due to equipment?	☒	☐	☐	☐
b) degrade local air quality due to dust, equipment exhaust and/or burning debris?	☐	☒	☐	☐
c) deteriorate water quality from erosion or pollutant runoff?	☐	☒	☐	☐
d) disrupt off-site and local traffic patterns?	☒	☐	☐	☐

Alternatives Considered:

	EXHIBITS*
1. Alternative locations (identify):	☐
2. Alternative designs (identify):	☐

CEQ Significance Factors (40 CFR 1508.27):

	YES	NO	POSSIBLE	EXHIBITS*
1. Is there anything in the context of the project that would suggest impacts might be significant?	☐	☒	☐	☐
2. Is the intensity of any of the following factors such that the impacts might be significant?	☐	☐	☐	☐
a) Beneficial and adverse impacts?	☐	☒	☐	☐
b) Human health or safety impacts?	☐	☒	☐	☐
c) Impacts on unique characteristics of the area, such as historic or cultural resources, park lands, prime farmlands, wetlands, floodplains, wild and scenic rivers, or ecologically critical areas?	☐	☒	☐	☐
d) Impacts that are likely to be highly controversial?	☐	☒	☐	☐
e) Impacts that are highly uncertain or involve unique/unknown risks?	☐	☒	☐	☐
f) The action establishes a precedent for future actions with potentially significant effects?	☐	☒	☐	☐
g) Impacts that are reasonably expected to be cumulative?	☐	☒	☐	☐
h) Adverse impacts on districts, sites, highways, structures, or objects listed in or eligible for listing in the National Register of Historic Places, or impacts that may cause loss or destruction of significant scientific, cultural, or historical resources?	☐	☒	☐	☐
i) Adverse impacts on threatened or endangered species or its critical habitat as determined under the Endangered Species Act?	☐	☒	☐	☐
j) The action threatens a violation of Federal, state or local law or requirements imposed for the protection of the environment?	☐	☒	☐	☐

F. Does the proposal result in FEMA's Extraordinary Circumstances?

I. Greater scope or size than normal for a particular category of action?	☐ Yes	☒ No
II. High level of public controversy?	☐ Yes	☒ No
III. Potential to degrade already poor environmental conditions?	☐ Yes	☒ No
IV. Use of unproven technology with the potential for adverse effect?	☐ Yes	☒ No
V. Presence of endangered or threatened species or their critical habitat?	☐ Yes	☒ No

- VI. Presence of archaeological, cultural or historic properties? ☐ Yes ☒ No
- VII. Presence of hazardous or toxic substances at levels that exceed Federal, state, or local regulations or standards requiring action? ☐ Yes ☒ No
- VIII. Potential to affect adversely special status areas such as wetlands, coastal zones, wildlife refuges, wilderness areas, wild and scenic rivers or sole source drinking water aquifers? ☐ Yes ☒ No
- IX. Potential to adversely affect human health and safety? ☐ Yes ☒ No
- X. Would the project violate federal, state, local laws or tribal law or requirement imposed for the protection of the environment? ☐ Yes ☒ No
- XI. Potential for significant cumulative impact with other RFFAs? ☐ Yes ☒ No
- XI. Potential for significant cumulative impact with other RFFAs? ☐ Yes ☒ No
- If yes, identify: _____

G. Is the proposed project for HMA funding part of a larger proposal that would subject the entire project to Federal environmental review? ☐ Yes ☒ No

H. Does the application contain measures to avoid, reduce, minimize, or compensate potential environmental impacts? ☒ Yes ☐ No

If yes, describe: Power poles treated with a known carcinogen would be removed appropriately based on Cal OSHA standards to avoid any risk to workers.

I. Were mitigation measures included in the proposal's budget? ☐ Yes ☒ No

J. What is the potential EHP cost of compliance relative to the requested federal share (cost of compliance refers to FEMA or FEMA contractor preparation of compliance activities not cost for mitigation measures that the Subapplicant would be responsible for):

- High (>50% of requested Federal share) ☐
- Medium (25-50% of requested Federal share) ☐
- Low (<25% of requested Federal share) ☒

K. What is the anticipated Environmental compliance costs associated with the overall project?

- High (>50% of requested Federal share) ☐
- Medium (25-50% of requested Federal share) ☐
- Low (<25% of requested Federal share) ☐
- Not enough information to determine ☒

*** IF APPLICABLE, ADDITIONAL INSTRUCTIONS FOR NARRATIVE RESPONSES AND EXHIBITS**

1. **Floodplains** – Provide FEMA FIRM Map with site location clearly marked.
2. **Wetlands** – If the primary site alternative and/or its practicable alternative require a Section 10 of the Rivers and Harbors Act or a CWA Section 404 permit. Provide status of USACE permit receipt. Attach NWI wetlands map, as necessary.
3. **Viewshed** – If the proposed project is located in or adjacent to a residential or historic district, perform and provide a Visual Impact Assessment.
4. **Existing habitat** – Identify and describe any existing, observed in the field, or known or expected to exist flora and fauna species at the project site and immediately surrounding the site.
5. **Endangered/threatened species and/or critical habitat** – Contact local Ecological Services Field Office of the U.S. Fish and Wildlife Service (FWS) and obtain information and listing of any E/T **known to exist at the site or in the immediate vicinity**.
6. **Migratory Flyway or migration barrier** – If the proposed project is new construction or extension of an existing tower of 30' in height or more complete Tower Site Evaluation Form.
7. **Invasive Species** – Provide information about Subapplicant's plans for re-vegetation and avoidance of spreading invasive species during construction.
8. **Minority of low-income populations** – If the proposed project will impact minority and low-income populations as identified in Executive Order 12898, perform evaluation in accordance with EPA guidance on performing Environmental Justice Analysis.
9. **Farmland** – If alternative would convert or impact important farmland, complete and submit NRCS Form AD 1006 to the Natural Resources Conservation Service for rating. Attached completed and signed form (by NRCS).
10. **Historic and Cultural Characteristics** – Identify any listed, eligible or potentially eligible historic/archaeological resources the APE. Provide CHRIS, data sheets or other sources obtained from State Historic Preservation Officers used to identify such properties.
11. **Hazardous Substances** – Provide a description of any hazardous, toxic materials found at the site.
12. **Roadway and Access** – Provide description of what, where, how, length, width, depth, material, permanent or temporary and drawings including site plan and cross sectional drawing. If roadway is temporary, how will fill material (If CWA fill permit required, see #2 above) or roadway surfacing be removed and site restored.
13. **Alternatives Considered** – Provide a description and a justification for elimination of other proposed project locations and designs considered.

PREPARED BY: Yolanta Schwartz

TITLE: Planning Director

TELEPHONE: 310-377-1521

DATE: 4/18/2019

REQUEST FOR PROPOSAL

**Engineering Services for Eastfield
Drive Fire Prevention Power Line
Undergrounding Project**

#DR4382-PJ0177

for



Statement of Confidentiality

This proposal and supporting materials contain confidential and proprietary business information of Ampirical. These materials may be printed or photocopied for use in evaluating the proposed project but are not to be shared with other parties.

Respondent:

Ampirical Solutions, LLC
1654 Ochsner Boulevard
Covington, LA 70433

Authorized Respondent:

Kellen Lockwood, Business Development Manager
310-753-9319
kellen.lockwood@ampirical.com

Proposal Date:

November 26, 2024

November 26, 2024

Christian Horvath
Project Manager
City of Rolling Hills
2 Portuguese Bend Road
Rolling Hills, CA 90274

**Re: Engineering Services for Eastfield Drive Fire Prevention Power Line Undergrounding Project
#DR4382-PJ0177**

Christian:

Ampirical Services, Inc (Ampirical) is pleased to submit our proposal to provide professional engineering services to the City of Rolling Hills for the Eastfield Drive Fire Prevention Power Line Undergrounding Project.

We recognize that any professional services firm would consider it a privilege to include Rolling Hills as one of its clients.

Unlike many "Full-Service Firms," Ampirical has always believed in staying true to our Core Competencies. Focusing our corporate resources on a few specialized service areas has allowed Ampirical to leverage our experience and best practices knowledge, leading to a level of project excellence in these areas unmatched in the industry

Today's utilities require partners who work on the cutting edge of the 21st-century electrical grid. It is no longer sufficient to only provide the routine services of the past. New pressures on the grid from cyber threats, renewable generation, heightened resilience, and automation demand companies that demonstrate the technical prowess to develop unique solutions.

As a professional services firm serving the electrical utility industry, we have a mutual and vested interest in the development and sustainability of our shared economy, environment, and community. During our more than eighteen (18) years history, Ampirical has been singularly focused on the power utility industry. We have engineered, managed, and supported more than 2,000 substation projects, 1,000 plus transmission line projects, and more than 500 distribution line projects. In addition, Ampirical has completed more than a billion dollars in Engineering, Procurement, and Construction (EPC) programs that increase the delivered value of complex projects to our clients.

In addition to the above, Ampirical is proud of our commitment to our clients and our core values that embody our focus on Safety, Quality, Results Delivered, and Peace of Mind, as highlighted below:

Safety – Ensuring the safety of our employees and customers, on and off the job site, is our top priority. Ampirical has implemented a rigorous program complete with periodic review and

continuous training to ensure a safe work environment. We continuously promote a culture of safety through education, training, monitoring, and solicited feedback.

Commitment to Quality – Ampirical is an ISO 9001:2015 Certified company. We view Quality and Safety not as divergent concepts, but rather as convergent necessities. We firmly believe that you can't have one without the other, as they make up two of our three core design principles: Safety, Quality, and Value. Our continuous goal is to uphold these core principles by delivering superior design services and meeting the highest standards set by the industry and our clients. Additionally, we recognize that the work we perform and the projects we deliver have a long-term impact on our clients, community, industry, and the environment. As good stewards of our natural and human resources, we strive to leave the environment in a better state as a result of our involvement. As part of our stewardship, we promote workplace and thought diversity, environmental conservation, and deliver engineered solutions that enhance grid reliability and operational sustainability.

Results Delivered – We believe in no higher commitment than ensuring that Rolling Hill's customers are provided with the reliable and economical electrical service they deserve. Ampirical is well positioned to support in-house engineering teams with the necessary resources and capabilities from a few hours of engineering to a complete EPC project. In simple terms, Ampirical delivers "Peace of Mind" at an exceptional level of Quality, Safety, and Value that consistently exceeds our clients' expectations.

As always, we have endeavored to be fully responsive to your request. However, should you have any questions, concerns or require further clarification, please do not hesitate to reach out to us accordingly.

We appreciate your review and consideration of the enclosed and look forward to the opportunity for you to experience the "Ampirical Difference" firsthand

Sincerely,



Kellen Lockwood
Business Development Manager
Ampirical Services, Inc.

cc: Jose Lopez
Kevin Johnson
Stella Biggs
File

UNDERSTANDING OF THE SCOPE OF WORK

Consultant shall provide a narrative to the approach to complete the Scope of Work efficiently and economically.

Task 1. Project Administration & Meetings

Ampirical's project administration team will consist of a Project Manager, Project Lead and a Project Coordinator. The project administration team will perform the following tasks for the project:

- Develop a project schedule to meet the project deadlines.
- Coordinate with utility companies as needed.
- Coordinate with residents as needed.
- Attend a total of twelve (12) project meetings. Meeting lengths are assumed to be 1 hour in length and include the following:
 - Scoping/Kick-off (1 Meeting)
 - Monthly Coordination Meetings (6 Meetings)
 - Stakeholders - Final Design (2 Meetings)
 - City Council (1 Meeting)
 - City Staff (2 Meetings)

Task 2. Construction Plans / Documents

Ampirical's Engineering and Design Team will prepare the necessary engineering plans for construction design based on the plans provided by the City of Rolling Hills, SCE and the telecommunication companies. Ampirical's Engineer and Design Team will research information of the plans provided, conduct surveys as needed, and prepare an engineering base map. The engineering plans for construction will be for the electric panels that will be relocated for the following residences:

- 27 Eastfield
- 29 Eastfield
- 38 Eastfield
- 42 Eastfield

Ampirical's Engineering and Design Team will prepare plans, diagrams and specifications to support these panel relocations as needed to include in the construction bid package.

Ampirical will submit 100% and 100% Final Design Plans for City review and comment. Ampirical will allow 1 week minimum for each City of Rolling Hills review.

Task 3. Specifications

Ampirical will prepare Project Specifications to support the construction documents prepared by SCE and the telecommunication companies. Ampirical will prepare specifications in conformance with the current Standard Specifications for Public Works Construction (Greenbook) and other applicable agency standard plans, specifications, and guidance documents in order to obtain plan approval from the City of Rolling Hills. Ampirical will provide the required permits, standards, and reference materials to be included in the City's standard contract documents.

Task 4. Cost Estimates

Ampirical will prepare an engineer's construction estimate for the designed Project at the 100% and 100% Final submittals. The cost estimates will contain quantities and unit prices with back-up calculations for all quantities.

Task 5. Permitting & Regulations

Ampirical will develop and manage the approval process for all required permits necessary in the project development and permitting process to fully entitle the project to move into the construction phase.

Task 6. Bid Support

Ampirical will serve to only assist as needed, the City of Rolling Hills for Bid Support. Ampirical will assist the City of Rolling Hills in preparation of the project Bid Package (City has standard bid package document) and prepare a Bid Schedule based on the cost estimate in Task 4. Ampirical will assist as needed in providing responses to questions received during the bid phase Ampirical will also assist as needed, the City of Rolling Hills in compiling data on bids received and assist the city in reviewing bids for responsiveness as requested.

Task 7. Construction Support Services

Ampirical will provide engineering and design services prior to, during, and following construction including:

- Pre-construction meeting attendance by the Ampirical Project Manager and Project Lead to provide clarification of contract documents as needed.
- Ampirical will assist the City with Request for Information responses.
- Ampirical will provide review of the Contractor's submittals for conformance with the contract documents.
- Upon completion of construction, Ampirical will provide as-built drawings clouded and noted in the revision block using the Construction Contractor's record red lines. The Project drawings should be stamped "Project Record Drawings" and be accompanied by AutoCAD files as well as PDF format.

ORGANIZATION, CREDENTIALS AND EXPERIENCE

Provide a summary of the Consultant's qualifications, credentials, and related past experience.

Firm Overview

Exceptionalism, a term that is reserved for only the very best, easily describes the dedication and commitment that electric cooperatives and municipalities offer to their customers throughout the US. It is also a term that embodies a culture at Ampirical regarding our commitment to quality, pride in our work product, and our diverse cadre of experienced professionals focused on client excellence, a culture that we are anxious to provide to the City of Rolling Hill's benefit.

Ampirical is a professional services engineering firm initially formed on May 31, 2006. The founding principals and current owners were former employees within a free enterprise subsidiary of a multi-state utility where they honed their service model to participate in competitive work. Therefore, the management team of Ampirical has over 30 plus years of experience working together in the field of electrical transmission, substation and distribution design-build engineering, and well over 100 years of combined experience in the electric utility industry.

Since our founding, Ampirical has been singularly focused on the power utility industry. We have engineered, managed, and supported more than 2,000 substation projects, 1,000 plus transmission line projects, and more than 500 distribution line projects. In addition, Ampirical has completed more than a billion dollars in Engineering, Procurement, and Construction (EPC) programs that increase the delivered value of complex projects to our clients. Ampirical currently has over 500 employees located in 6 office locations.

Today's utilities require partners who work on the cutting edge of the 21st-century electrical grid. It is no longer sufficient to only provide the routine services of the past. New pressures on the grid from cyber threats, renewable generation, heightened resilience, and automation demand companies that demonstrate the technical prowess to develop unique solutions. At Ampirical, innovation is ingrained in our DNA. To better serve our clients, we formed two affiliate companies that provide complementary service and solution offerings. They are Cybirical and GridIntel.

Cybirical, LLC, founded in 2015, is a licensed engineering firm created for one purpose: to help electric utility customers, owners, and operators address the cyber challenges of a modernized grid. Cybirical specializes in services and solutions for the design and maintenance of safe, secure, and cyber-aware power system environments.

GridIntel, LLC, founded in 2019, specializes in intelligent software tools and solutions for the power industry. Supported by the knowledge and experience inherent in professional engineering firms Ampirical and Cybirical, GridIntel's software solutions are focused on transmission and distribution line engineering, substation engineering, protection & controls, and cybersecurity and compliance.

Core Services Provided**1. Substation Engineering**

- Ampirical is pushing the boundaries of CAD technology for substation design. As the substation industry begins to embrace the power of digital design technology, utilities are turning to Ampirical to lead the way. Our engineering teams continuously explore the potential of 3D modeling to provide our utility and industrial clients with the most cost-effective design solutions.
- Ampirical has recognized national expertise in the planning and design of new substations as well as additions, updates, modifications, expansions, or retrofits of high voltage electrical substations and switchyards. The mixture of our talents offers all aspects of substation/switchyard design services, trained resources to get the job done, and the technical knowledge to design a solution appropriate to client needs.

2. Protection & Control

- Ampirical understands that not all substation and automation systems are alike. We pride ourselves on being able to quickly adapt to any design criteria, philosophy, and standards. We provide advanced solutions for the unique challenges utility and industrial customers face to properly design and install protection, substation integration, and SCADA applications. Ampirical offers a comprehensive platform, impartial to equipment manufacturers, for the most reliable and cost-effective plan that meets our customer's specific needs and expectations.

3. Transmission & Distribution Line Design Engineering

- Ampirical's experience means the company has the capacity to provide advanced, turnkey solutions for the unique challenges utility and industrial customers face to properly design and install transmission and distribution lines. Our engineering staff has designed thousands of miles of overhead transmission and distribution lines for a variety of energy clients including investor-owned utilities, public utilities, municipalities, independent power producers, rural cooperatives, and industrial clients.
- Furthermore, Ampirical utilizes the latest 3D design software to develop innovative and accurate line designs that assure the lowest cost while complying with site conditions and our clients' needs. We are on the leading edge of digital component library creation and intelligent material automation for the transmission market.

4. System Hardening - Creating a Stronger and Reliable Grid

- Over the years, our clients have been challenged with enhancing their transmission and distribution line infrastructure to withstand extreme weather conditions and replacing aging structures/conductors. Our experience of addressing these needs is a core focus of our business.
- Our current tools, and development of new automation tools, have allowed us to streamline the system hardening process in the most efficient manner possible. With our system hardening awarded contracts totaling over \$100 million, there is a reason our clients have consistently depended on us to respond to their customers' needs and provide an efficient plan to mitigate.

5. EPC - Engineer, Procure, & Construct

- Extensive experience along with in-house engineering, procurement, project management, and construction management has entitled Ampirical to be recognized as a quality entity in the EPC competitive market. Ampirical maintains alliances with licensed subcontract construction companies throughout the U.S., utilizing construction subcontract services of respected companies either through our affiliations or through the recommendation of our clients.
- For any EPC Project, schedules and budgets are a foremost focus for successful completion. Strong Project Management along with foresight of problematic risk factors allows Ampirical to enhance project controls and minimize scope creep and changes that can result in delays and higher costs.
- EPC contracts have been performed under several delivery models including Lump Sum Competitive Bid Model, Open Book, and Hybrid EPC Approach.

Describe the consulting firm, including the personnel who will be assigned to the contract.

Ampirical's staff will oversee and provide the project support needed for the successful completion of this project. The project team will consist of the following personnel:

- **Jose Lopez, P.E.** – Director of Engineering
- **Felice Trinh** – Project Manager
- **Robert Guzman** – Design Team Lead
- **Victor Fernandez** – Underground Designer
- **Vanessa Escobosa** – Project Coordinator
- **Kristi Drake** - Drafter

Provide a list of three of the Consultant's projects within the last five years of similar scope and content.

I. City of Bentonville - 15kV Circuit A3- 15kV Distribution Cable Riser Pole to various underground primary and secondary positions

- Engineered and designed underground construction specifications, plan and profiles, civil specifications, cable specifications, cable thermal ampacity analysis, pull calculations and relevant project documentation needed for construction.
- Approximately 4,000 feet of trenching of 6", 5", 4" and 3" conduit
- 1 Cable Per Phase – 750 kcmil Al EPR Cable – 6,900 feet of cable
- 1 Cable Per Phase – 4/0 & 1/0 Al EPR Cable – 12,000 feet of cable
- Approximately 1,000' of secondary and service underground trenching of 5" and 3" conduit
- 4/0 and 1/0 Triplex Secondary and Service Cable
- Trench to distribution cable poles, three phase primary junction boxes, secondary junction boxes, single and three phase padmounted transformers and padmounted switchgear

- II. City of Bentonville - 15kV Circuit E24 Substation E to 15kV Distribution Cable Riser Pole, Open Tie-Switch and to various underground primary and secondary positions**
- Engineered and designed underground construction specifications, plan and profiles, civil specifications, cable specifications, cable thermal ampacity analysis, pull calculations and relevant project documentation needed for construction.
 - Approximately 8,120 feet of trenching of 6" conduit
 - 1 Cable Per phase – 750 kcmil Al EPR Cable – 26,800 feet of cable
 - Approximately 500' of secondary and service underground trenching of 5" and 3" conduit
 - 4/O and 1/O Triplex Secondary and Service Cable
 - Trench to distribution cable poles, three phase primary junction boxes, secondary junction boxes, single and three phase padmounted transformers and padmounted switchgear
- III. SDG&E – 12kV DIAR Program – Various Underground Circuits**
- Engineered and designed the replacement of over 75 underground cable riser poles and underground cable to cable riser poles.
 - Engineering deliverables include a for construction package that includes plan and profiles, survey grade CAD base maps with mark-out, overhead and underground field inventory with qualified electrical worker, coordination with civil engineering to ensure design meets SDG&E and California General Order 95 requirements, street typical and permitting site details for City and Municipal requirements, environmental coordination, land and easement coordination, material ordering, long lead material coordination through construction and Federal Aviation Administration for aerial lighting management.

JOSE LOPEZ, PE

DIRECTOR, T&D LINE ENGINEERING



Jose has over 20 years' experience in the utility industry. He has worked most of his career for San Diego Gas & Electric in a number of positions of increasing responsibility including Distribution Engineering and Design, Transmission Engineering and Design, Substation Construction and Maintenance and Major Projects. In 2020, he was hired by Ampirical as the Engineering Manager in Transmission located in the San Diego office. Jose has since been promoted to Director of Transmission & Distribution Line Engineering.

QUALIFICATIONS

Bachelor of Science Electrical Engineering
California Polytechnic State University
| 2002

LICENSING, MEMBERSHIPS & AWARDS

- Registered Professional Engineer - California
- Registered Engineer-in-Training (EIT) - California
- EPRI Insulator Task Force
- EPRI High Temperature Low Sag Conductor (HTLS)
- California Energy Commission Task Force
- Transmission & Distribution Maintenance Management Association Member
- EDM Pinnacle Award for Achievement
- SDG&E Cornerstone Award Recipient
- APWA Project of the Year Recipient
- WEI Business Acumen for Emerging Leaders
- Leading Successful Culture Change Graduate

EXPERIENCE

AMPIRICAL SERVICES, INC.

Director T&D Line Engineering | 2023-Present
Engineering Manager | 2020-2023

Manages/Supervises employees performing T-Line and D-Line engineering. Performs quality reviews and checks of all employees. Implements quality procedures and checks for all designs. Performs engineering design work for multiple Transmission Line Projects (rebuilt, new lines, substation reconfigurations). Prepares construction packages for Transmission Line Projects. Prepares estimates and scope of work documents for Transmission Line Projects. Completes project designs using Transmission Line Design Tool (PLS-Cadd).

SAN DIEGO GAS & ELECTRIC | 2002-2020

Engineering Manager

Led cross functional team overseeing engineering, design, finance, technical aspects and regulatory process of SDG&E's electric distribution planning process and distribution design team. Oversaw and responsible for the Distributed Energy Resource state initiatives and regulatory framework associated with the electric distribution budget for all SDG&E capacity projects.

General Rate Case Lead Planner - Electric Distribution Capital

Operations Manager - Substation Construction & Maintenance

Managed the safety and day-to-day construction operations of employees while maintaining reliability, resource efficiencies and operating flexibility and cost control. Responsible for multi-million dollar budgets for the construction scheduling, performance and safety of all capital substation projects from development to project close-out. Managed a multimillion dollar maintenance and compliance budget for all SDG&E substation equipment. Developed, reviewed, and oversaw construction contracts, RFIs, change orders, project controls, documents and contractor selection.

Project Manager - 230kV Electric Transmission Underground Project

Managed the 230kV underground construction, regulatory and environmental permitting, licensings, and coordination with both internal and external stakeholders. Responsible for \$240M scope of the \$1.8 billion dollar project budget.

Transmission Engineering Capital Projects Team Lead

Distribution Operations & Engineering Team Lead

Transmission Engineering Project Engineer

FELICE TRINH

PROJECT MANAGER



Felice has nearly 10 years of project management including 3+ years in power utilities. She holds a Bachelor of Science in Business from The College of New Jersey. Felice serves as a Project Manager for Ampirical Services in the San Diego location.

QUALIFICATIONS

Bachelor of Science in Business Administration

The College of New Jersey | 2012

LICENSING, MEMBERSHIPS & CERTIFICATIONS

- Project Management Certification, New York University School of Continuing & Professional Studies, 2015
- ITIL Foundation Certification
- Prince2 Foundation Certification

EXPERIENCE

AMPIRICAL SERVICES, INC.

Project Manager | 2018-Present

Responsible for the estimating, procurement, start up, scheduling, actual construction, expediting, inspection, quality control, testing and total delivery of the project according to the established criteria. Provides project cost and schedule control, risk management, and configuration management and change control throughout the project life cycle. Facilitates communication among all project stakeholders. Responsible for client relations and project deliverables including transmission of design packages. Maintains project schedule, mitigates risks, and analyses and identifies the critical path. Responsible for vendor and subcontractor management. Maintains project lessons learned and historical files. Establishes coordination and deliveries among engineering disciplines.

LYCORED

Project Manager | 2016-2018

Managed the global health division's forecast through the JDA platform. Managed projects on the global health division's pipeline and communicated with various departments to ensure smooth deliveries. Worked with production and operation teams to ensure on time deliveries, inventory, and enough stock. Supported the sales and operations process by utilizing data from the JDA platform. Ensured that the global health division sales and forecast were aligned with target goals with an annual 5% growth. Created, edited and presented files, presentations and spreadsheets. Worked with marketing, logistics, and vendors to ensure successful execution of tradeshow. Followed up on tasks and ensured project timelines were met. Negotiated with internal and external clients, vendors, and executives.

VODAFONE AMERICAS

Project Manager | 2015-2016

Managed and delivered input to detailed projects plans including objectives, scope, risk and delivery. Clearly communicated and delivered both the business and technical requirements. Provided detailed metrics behind the project to key stakeholders detailing overall progress against plan. Identified, presented and implemented process and policies that would improve delivery and customer relationships. Mitigated project risks through identification of potential failure points in the process. Assessed operations and implemented continuous improvement efficiencies. Developed a training user guide for Entry Level - Vodafone Telecom Management process. Worked closely in a collaboration with the IT Team Lead to identify reoccurring issues, new ideas for process efficiencies & improvements within our two teams and for the customer, and prepared the IT Team.

ROBERT GUZMAN

TECHNICAL SPECIALIST - TEAM LEAD



Robert has over ten years experience with service planning coordination, deteriorated pole replacements, conversion design, reconductors, JPA, OH inspections and design-quality control. He was hired by Ampirical in 2023 as a Senior Designer in San Diego and has since been promoted to a Technical Specialist.

QUALIFICATIONS

College Courses

Saddleback College | 1996-1997

EXPERIENCE

AMPIRICAL SERVICES, INC.

Technical Specialist - Team Lead | 2024-Present

Responsible for design activities for substations and transmission switchyards and distribution/transmission lines. Breadth includes substation, civil, protection, and transmission line design functions. Works with project managers and clients to design and analyze transmission lines and meet client requirements for successful completion of projects. Conducts structural analysis/design while considering construction and operational safety. Prepares purchase orders for procurement of transmission line materials and construction specifications. Evaluates and analyzes existing transmission and distribution line systems to determine if applicable codes are met. Monitors team progress and activities to ensure projects remain on schedule, within budget and exceed customer expectations.

Senior Designer | 2023-2024 Knowledgeable and experienced with the interpretation and application of design and engineering principals, standards, practices, rules and regulations needed to prepare detailed technical designs for additions and modifications to distribution and transmission facilities from onset through completion of project. Responsible for the design, development, implementation and analysis of new and existing transmission and distribution power systems. Evaluates and analyses existing transmission and distribution line systems to determine if applicable codes and standards are met. Prepares construction work packages with safe, reliable and cost-effective designs that confirm to applicable codes, standards, safety orders and governmental regulations.

WEST COAST ELECTRIC & POWER, INC.

Distribution Planner/Quality Control | 2020-2022

Planned OH HFRA projects & deteriorated poles to SCE standards. Performed quality control for SCE OH Distribution & Transmission projects, RPU UG & OH distribution projects, Power Engineering OH Distribution & Transmission projects. Performed Osmose OH pole inspection. Designer III with knowledge on SDGE distribution design programs. Designed DIAR OH and UG projects utilizing GIS/SPARC, PIDS, and iCUE. Remote work using TEAMS, smartsheets, and share points to communicate effectively and get projects completed in a timely manner.

HENKELS & MCCOY

Distribution Planner/Quality Control | 2019-2020

Performed SCE Distribution Planning and Quality Control on projects.

VICTOR “VIC” FERNANDEZ
DESIGNER III



Vic is a seasoned Designer with expertise in overhead electrical distribution projects. He previously worked as a Designer at Asplundh Construction for over 5 years. Vic was hired at Ampirical in 2024 as a Designer in the San Diego, CA office.

QUALIFICATIONS

Bachelor of Occupational Studies in Health Care Administration
California College of San Diego | 2015

Associate of Occupational Studies, emphasis in Radiology
California College of San Diego | 2011

Associate of Occupational Studies, Medical Specialties
California College of San Diego | 2010

LICENSES, CERTIFICATIONS, TRAINING & MEMBERSHIPS

- SDG&E Approved OH Designer
- Qualified and Tested for OH Compliance

EXPERIENCE

AMPIRICAL SERVICES, INC.
Designer III | 2024-Present
Responsible for resource management and technology development, scoping, estimating, and oversight of design and procurement activities for relay projects. Breadth includes protection design functions. Provides overall design and quality reviews. Manages personnel resources, including soliciting, interviewing, and hiring, to allow commitments to be met. Direct employee development of design staff. Accountable for adherence to and revisions of design processes.

ASPLUNDH CONSTRUCTION LLC
Designer II | 2019-2024
Electric System Hardening (ESH) Overhead Program: Supported programs and projects such as ESH CC, DIAR, DCRI, DPM, New Business, and PLCP. Ensured that all submitted work order packages were cost effective, constructible, and of the highest quality. Performed thorough QA/QC for other designer’s work order packages. Designed OH electrical distribution jobs complying to SDG&E standards and program specific design guidelines. Completed electrical and structural designs for electrical-distribution projects, varying in size and complexity. Ordered all materials needed utilizing SAP/iCUE. Coordinated with Site Assessors, Project Management, etc. to complete designs meeting client expectations with strict deadlines. Pole Risk Mitigation and Engineering (PRiME) Program: Completed Job Walks, Designs, and all related deliverables for the PRiME Program from inception to IFC stage. Developed and submitted design deliverables in compliance with the latest DPG and SDG&E Overhead standards. Completed electrical and structural designs for electrical-distribution projects, varying in size and complexity. Ordered all materials needed utilizing DPSS and SAP/iCUE. Coordinated with Site Assessors, Project Management, etc. to complete designs meeting client expectations with strict deadlines.

VANESSA ESCOBOSA

PROJECT SUPPORT SPECIALIST II



Vanessa studied at San Diego Mesa College. She was hired with Ampirical as a Project Support Specialist in the San Diego office in 2023.

QUALIFICATIONS

College Studies

San Diego Mesa College

EXPERIENCE

AMPIRICAL SERVICES, INC.

Project Support Specialist II | 2023-Present

Provides support to managers and project team members to identify and resolve concerns. Responsible for implementing day to day scheduling needs for various clients. Responsible for scheduling updates and maintenance of all projects. Assists with implementation of engineering only projects. Updates project data, adequately delivering information to various departments and performs any other project related tasks requested.

JBIZION REMODELING

Personal Assistant | 2020-2023

Oversaw personal and professional calendars and coordinated appointments for future events. Sourced and ordered office equipment and supplies. Informed vendors and contractors of client project requirements to obtain client satisfaction. Maintained appropriate filing of personal and professional documentation. Responded to emails and other correspondence to facilitate communication and enhance business processes. Kept detailed track of household and maintenance inventory and schedules.

Kristi graduated with a Bachelor of Architecture from the New Jersey Institute of Technology in 2010. She was hired by Ampirical in 2024 as a Drafter in the San Diego office location.

QUALIFICATIONS

Bachelor of Architecture (BArch)
*New Jersey Institute of Technology
(NJIT) | 2010*

LICENSING, CERTIFICATIONS & MEMBERSHIPS

- Habitat for Humanity, Sonoma, CA, Planner 7 builder, 2018-2019
- WIA (Women in Architecture), Vice Co-Chair, 2019-2022
- ACE, Mentor, 2016-2022
- Mentorship Committee, COAR Design Group, 2021-2022

EXPERIENCE

AMPIRICAL SERVICES, INC.

Drafter III | 2024-Present

Utilizes 2D and 3D software including Autodesk AutoCAD to design high voltage transmission and distribution overhead and underground lines. Breadth includes civil, transmission and distribution design and drafting functions. Responsible for document management of project files through Autodesk Vault. Accountable for adherence to and revisions of design processes. Conducts overall design quality reviews of construction documents.

PROVOCATIVE EXPRESSIONS

Founder, Producer, Creative Director | 2023

Designed, planned, and managed creative community events and experience to encourage healthy relationships, conflict resolution, social tolerance, and political moderation.

BILI GUAL KIDS SAN DIEGO

Operations Manager | 2023

Provided innovative and custom solutions to enhance the performance flow of the organization, including marketing strategy. Established goals and objectives with immediate operational results.

ARCHITECTS FORA

Project Manager, Mental Health Design Specialist | 2021-2022

Responsible for managing the project design and development of multi-family projects including construction documents, code research, City review comments, etc. Assisted with construction documentation of other projects not assigned to me. Assisted with CRM, strategic planning of the organization, and implementing design standards that have the mental health of the end user in mind.

COAR DESIGN GROUP (FORMERLY JKA)

Job Captain, Lead on SD Humane Society Projects | 2017-2021

Responsible for developing a wide variety of deliverables, utilizing Revit, AutoCAD, Adobe Bluebeam, and other standard office programs. Assisted with several award-winning Fire Station projects.

ARCHITECTS ORANGE

Senior Job Captain | 2017

Project Cost Sheet For Engineering Services for Eastfield Drive Fire Prevention Power Line Undergrounding Project - DR4382-PJ0177

Task	Total Costs
1. Project Administration & Meetings	\$24,700
2. Construction Plans / Documents	\$51,000
3. Specifications	\$16,500
4. Cost Estimates	\$14,250
5. Permitting & Regulations	\$11,250
6. Bid Support	\$9,300
7. Construction Support Services	\$15,500
Total	\$142,500

Project Cost Sheet for Engineering Services for Eastfield Drive Fire Prevention Power Line Undergrounding Project - DR4382-PJ0177 Revision 1

I. Rates

Job Title	Rate/Hr.
Sr. Engineer	\$226
Project Manager	\$200
Lead Underground Designer	\$160
Underground Designer	\$130
Project Coordinator	\$117
Drafter	\$106

II. Project Task Costs

Task	Total Costs
1. Project Administration & Meetings	\$11,234
2. Construction Plans / Documents	\$51,000
3. Specifications	\$16,600
4. Cost Estimates	\$14,260
5. Permitting & Regulations	\$0
6. Bid Support	\$9,305
7. Construction Support Services	\$15,500
Total	\$117,899

III. Project Hour Breakdown by Task

1. Project Administration & Meetings

- Project Meetings (12 Meetings)

Job Description	Hours
Project Manager	12
Lead UG Designer	12
Project Coordinator	12

Total 36

- Project Administration

Job Description	Hours
Project Coordinator	30
Project Manager	10

Total 55

2. Construction Plans / Documents

Hours

Project Coordinator	40
Lead UG Designer	80
Designer	160
Drafter	120

Total 400

3. Specifications

Hours

Project Coordinator	40
Lead UG Designer	40
Project Manager	5
Sr. Engineer	20

Total 105

4. Cost Estimates

Hours

Project Coordinator	20
Lead UG Designer	40
Project Manager	5
Sr. Engineer	20

Total 85

5. Bid Support

Hours

Project Coordinator	5
Lead UG Designer	20
Project Manager	5
Sr. Engineer	20

Total 50

6. Construction Support Services

	Hours
Project Coordinator	20
Lead UG Designer	20
Project Manager	5
Designer	20
Drafter	60
Total	125

IV. Project Hour Breakdown for Task 2 - Construction Plans / Documents

	Hours
Project Coordinator	40
Lead UG Designer	80
Designer	160
Drafter	120
Total	400

1. Tasks

- a. Prepare the necessary engineering plans for construction design based on the plans provided by the City of Rolling Hills, SCE and the telecommunication companies.

i. Research information of the plans provided

	Hours
Project Coordinator	5
Lead UG Designer	15
Designer	20
Total	40

ii. Conduct surveys as needed.

	Hours
Lead UG Designer	10
Designer	10
Total	20

iii. Prepare an engineering base map.

Hours	
Project Coordinator	20
Lead UG Designer	40
Designer	110
Drafter	100
Total	270

iv. Prepare 100% Plans for City Review

Hours	
Project Coordinator	10
Lead UG Designer	5
Total	15

v. Address City of Rolling Hills QA/QC Review Comments &
Submit 100% Final Design Plans

Hours	
Project Coordinator	5
Lead UG Designer	10
Designer	20
Drafter	20
Total	55

V. Permit Requirements for Task 5 – Permitting & Regulations

N/A



Contact: Jamie Jones

Sr. Manager, Business Development

jamie.jones@entrustsol.com

PROJECT PROPOSAL

**Prepared for: City of Rolling Hills
Request For Proposals Engineering Services for Eastfield
Drive Fire Prevention Power Line Undergrounding Project
Funded By FEMA Hazard Mitigation Program
#DR4382-PJ0177**

November 26, 2024

November 26, 2024

Christian Horvath
City Clerk / Executive Assistant to the City Manager
chorvath@cityofrh.net
City of Rolling Hills

RE: Request For Proposals Engineering Services for Eastfield Drive Fire Prevention Power Line Undergrounding Project #DR4382-PJ0177

Dear Christian Horvath,

Thank you for allowing EN Engineering, LLC ("EN") the opportunity to submit this proposal to provide as-needed electric distribution design services to the City of Rolling Hills (the city). EN has the experience and resources to complete any job from simple service connections to complex commercial or residential developments.

EN has 20+ years of experience in Electric Distribution. We have grown from a company of 210 in 2010 to 3200 employees in 2023, of which 1,800 are pipeline and electrical employees. The Pacific Region team, which will primarily support this project, has 140+ resources that are dedicated to support Electric Projects and Programs. The team has an average of thirteen years of experience. EN has the capacity to provide dedicated full-time resources to support the City.

Contained within this proposal is a detailed outline of EN's depth of experience in electrical distribution design & engineering, which we have accumulated over the past 20 years. Project and capability details have been clearly outlined along with our project team and previous project references.

We appreciate this chance to summarize our qualifications and look forward to meeting with your team to discuss our proposal and the next steps to begin the as-needed design services. Should you have any questions or require any additional information please contact Jamie Jones at 925-324-3845 or jamie.jones@entrustsol.com.

Sincerely,

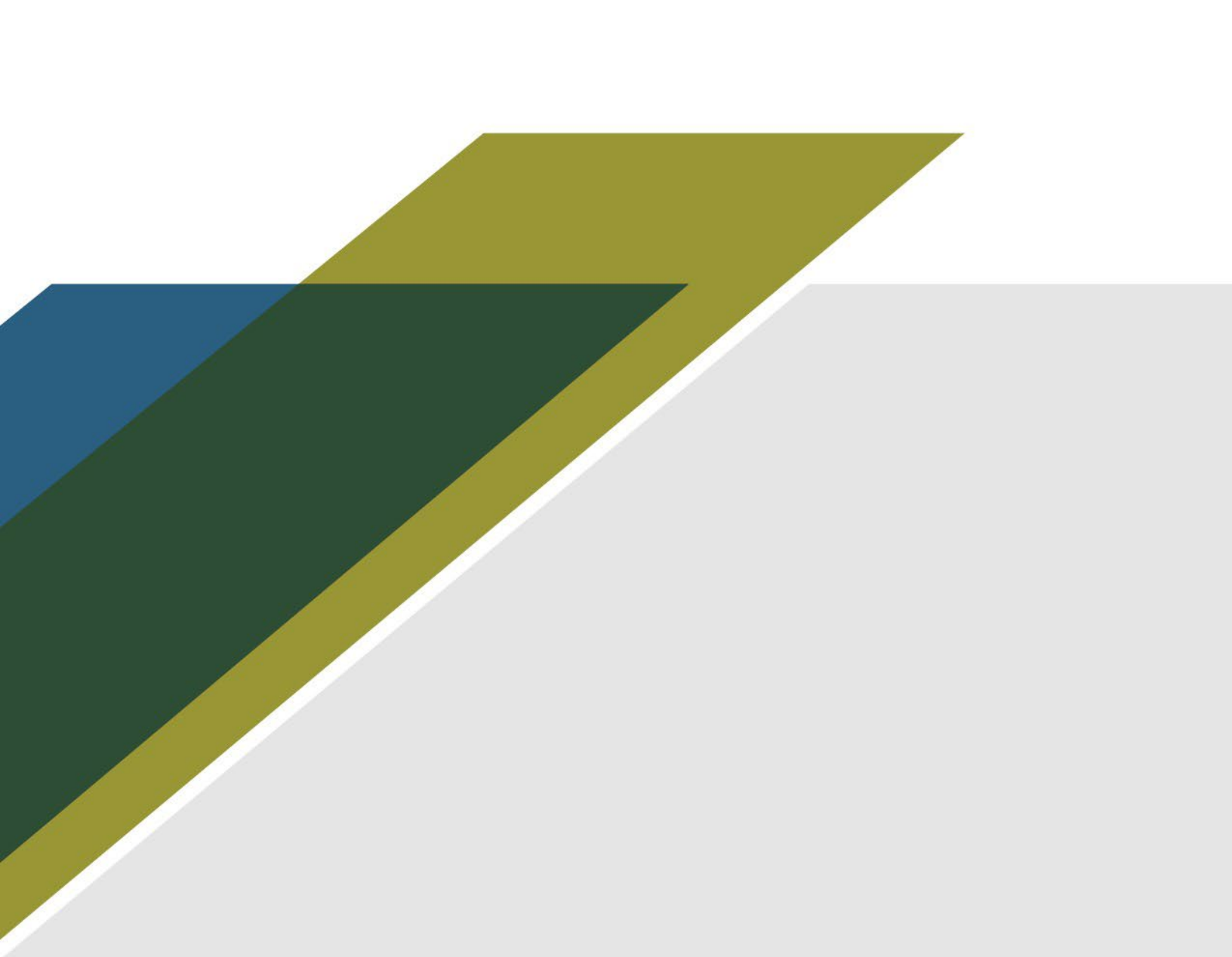
Jesse Rodriguez

Jesse Rodriguez
Executive Vice President
Commercial Operations

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EN OVERVIEW



About Us

What We Do and Who We Serve

For 20 years, businesses, people, and communities have entrusted the employees of EN Engineering with their most valuable assets, infrastructure, and the projects that improve them.

We have embraced growing markets such as renewables, power engineering services, EV infrastructure, data analytics, and geospatial with cutting edge engineering, consulting, and automation services.

We offer valuable solutions to challenges faced by our clients, restore, and expand infrastructures, enhance, and streamline systems, and identify and record key assets for clients, including gas and electric utilities, telecommunication service providers, pipeline operators, and industrial companies.

As one of the fastest-growing engineering firms in the country, we have grown from a single Midwest office to a national network of locations, which has only strengthened our commitment to serving with *excellence... from start to finish*.

While EN Engineering has been rebranded a part of the ENTRUST Solutions Group, EN Engineering, LLC is still the operating and contracting entity through which services will be provided.





Business Mission

EN Engineering is committed to **growth** by providing innovative solutions to our clients with a focus on **long-term relationships**, while consistently maintaining the highest level of quality, safety, integrity, and ethics.



People Mission

Our success is achieved through continuously cultivating a culture that values the contributions of our diverse and **talented team** members. We seek out and encourage colleagues who are enthusiastic, curious, and client focused. We maintain an environment of mutual respect and commitment to professional development and advancement.



Community Mission

We are committed to the safety and sustainability of the communities, team members, and stakeholders that we serve. We are a strong catalyst for positive change in the communities where we partner with our clients. We achieve this through charitable **giving**, partnering with **community development** organizations, and creating local **job growth**.



Why Choose EN Engineering

Who We Are and How We Can Help



Safety

Relentless commitment to safety for our employees, our vendors, our clients, and our communities



Quality

Strict quality control procedures; proven methodologies; impeccable resources; continuous communication with client and project team members



Expertise

Strong focus on the energy industry; nationally recognized subject matter experts; highly experienced, industry-trained core staff



Value

Complete projects on-time and on-budget with low risk to client



Location

Network of 35 offices close to key energy sectors and critical industry hubs



Diversity

EN Engineering utilizes diversity contractors and has implemented a comprehensive Disadvantaged Business Enterprise (DBE) initiative across our services that complies with the needs of our clients

*Large enough to **serve you nationally**, small enough to **serve you** with our senior staff and **industry-leading experts**.*



EN Engineering by The Numbers



36

Locations with team members licensed in all 50 US states



3000+

Employees company-wide



2000+

Design personnel devoted to pipeline and electrical engineering



140+

Programmers dedicated to automation services



0.12

Total Recordable Incident Rate



31+

Languages in which our employees are fluent



>36,000

Annual Projects Completed



275+

Data and GIS Professionals



Project Safety

Promoting a Culture of Safety First

At EN Engineering, our goal is to reduce health, safety, and environmental risks. We promote safe and environmentally responsible work practices and are committed to maintaining the highest level of safety standards.

EN recognizes the priority that the City of Rolling Hills places on safety and the importance of complying with health, safety, and environmental policies and procedures to ensure a successful relationship for both the City of Rolling Hills and EN.

We have set our **safety objective at zero** for vehicle accidents, property damage, lost time, and medical aid injuries by EN and its subcontractors. A team approach, focusing on a cooperative effort between EN and its subcontractors and clients is essential to meet this objective. All team members must exercise every effort to eliminate personal injury, equipment loss, or damage to facilities and are required to participate in our safety program. EN has had zero OSHA safety violations since the inception of the company.

A pre-job meeting shall be held before commencing any new project to establish the safety program and objectives. EN employees, subcontractors, and client representatives shall attend the meeting. On an as needed basis, EN shall conduct a Tailgate safety meeting with each crew to review the client safe work permits and health and safety issues associated with the day's work, or in some cases, prior to a specific high-risk task.

If required, we will train and qualify one of EN's employees to train other EN employees on the City of Rolling Hills safety standards. EN will ensure that all employees will be trained prior to any site visits on the City of Rolling Hills facilities.

EN employees working on the City of Rolling Hills projects will be placed into our DOT drug testing pool. We maintain a comprehensive insurance package and health & safety program.



ISO Compliance

We strive to provide an engineering focused approach to problem solving by adhering to robust project management techniques. EN Engineering is an ISO 9001:2015 certified company. A copy of our Quality Manual is available upon request. **EN uses ISO 9001 as its standard** quality management system for work approvals. ISO 9001 certification gives our clients confidence in knowing that our work product is thoroughly vetted and approved.

Evaluations: Project designs are evaluated during our Quality Review process and supported using **ISO checklists**. Our Quality Review process includes 1) a formatting review to check drafting quality standards, 2) engineering design review (codes, calculations, etc.), and 3) an interdisciplinary or independent review to either cross-check for a cohesive and consistent design among disciplines involved and/or provide an additional check by a qualified individual not associated with the project.

EN Engineering will follow our ISO process for project reviews and all project deliverables will be transmitted via *ENsured* or an equivalent secured site requested and provided by the client.



EXECUTIVE SUMMARY

EN is highly confident in its technical expertise and capability to meet the City's design requirements and schedule. We adhere rigorously to industry standards, including the NEC, NESC, the City of Rolling Hills Design and Construction Standards, and all relevant local and state ordinances. Our record speaks for itself: EN has successfully delivered significant distribution engineering and design services to utilities across the nation. Notably, we have played a pivotal role in expansions within the Northwest region, collaborating with key clients such as Pacific Gas & Electric, Puget Sound Energy, Portland General Electric, and Liberty Utilities.

Our extensive experience in real utility projects equips us with valuable insights and practical knowledge that we are eager to bring to the city. In the forthcoming sections, we will elaborate on EN's systems and competencies poised to add substantial value to the city. This includes our unwavering commitment to quality assurance, meticulous cost management, adaptable resourcing, subject matter expertise, and sustained team engagement. Our Electric Director, Heather Leask, will provide oversight of this project throughout the City's distribution design contract term.

EN Engineering provides a broad portfolio of engineering services—delivering excellence from start to finish, wherever energy flows and goods are produced.





SCOPE OF SERVICES



Approach to Scope

EN has reviewed and understands the City's provided scope document covering the design and submittal requirements. The City of Rolling Hills is looking for support with preparing construction documents and specifications for underground utilities (dry utilities). The desired outcome of this project will be construction ready documents including plans, specifications, and bid sheets. To meet the grant funding sunset dates, the timeframe for this project will require all work/services required to be completed by February 14, 2025 (and assumes a contract will be awarded/executed by or before December 10, 2024).

Once EN receives the Contract award, the EN team will review for any potential amendments required to avoid unnecessary rework and schedule variance. EN manages projects using the latest in Project Management Institute (PMI) methods to ensure schedule adherence and cost control. In addition, we leverage analytics and metrics to ensure that we are continually improving the deliverable product.

EN begins each project [or program] by assigning a Project Manager responsible for coordinating all work. Project Managers manage the scheduling, purchasing, resource allocation and coordination of all project activities. The Project Manager is the client interface and works as a client advocate within EN. It is the Project Manager's responsibility to ensure that the project is completed on time, within budget and meets or exceeds the client's expectations. In addition to the Project Manager, the City's distribution program will be bolstered by Director-level support to ensure the success of the City's design projects. At EN, we provide our clients with the highest level of support, ensuring they feel fully backed and confident in the visibility and success of their projects.

Project Site Visit

On Thursday, November 7, Jason Hernandez (EN representative) met with Christian Horvath, the City Clerk of Rolling Hills, to address the city's proposal request for the "Engineering Services for the Eastfield Drive Fire Prevention Power Line Undergrounding Project," funded by the FEMA Hazard Mitigation Program (#DR4382-PJ0177).

Jason Hernandez conducted an on-site evaluation within the project boundaries, the half-mile job walk generated important discussions, highlighting key concerns such as the traffic management within a gated community, the conversion and relocation of four electrical service panels across various locations, and the navigation of the permitting process for these service panels with the governing jurisdiction. One critical takeaway from the EN representative was the urgent need for a comprehensive Traffic and Trench coordination schedule, given the high volume of traffic and the narrow streets. The Utility Joint Trench will be positioned on the northern and western half of Eastfield Drive, effectively limiting this segment to one-way traffic within the project area. Regular use of two traffic control attendants and steel plates will be essential, as service lateral trenches will intersect with oncoming traffic. Overall, there was a strong emphasis on the importance of careful planning to maintain safety and efficiency throughout the project.



Scope of Services

As outlined in the RFP #DR4382-PJ0177, the Scope of Services include the following:

Task 1 – Project Administration & Meetings

- 1) Develop project schedule to meet the project deadlines noted above.
- 2) Coordinate with utility companies as needed.
- 3) Coordinate with residents as needed.
- 4) Attend monthly coordination meetings/other meetings as follows; Meetings (number of meetings):
 - a. Scoping/Kick-off (1)
 - b. Monthly Coordination Meetings (6)
 - c. Stakeholders - Final Design (2)
 - d. City Council (1)
 - e. City Staff (2)

Our team is available to support and travel as needed for all meetings listed in the RFP and provide additional support if additional meetings are required. Our expertise includes scheduling Microsoft Planner, ensuring projects stay on track. Additionally, we have team members with direct experience working with governing boards, city council and private entities, allowing us to navigate and support municipal processes effectively.

Task 2 – Construction Plans/Documents

Prepare necessary engineering plans for construction design based on the plans provided by SCE and the telecommunication companies to underground approximately 4,735 linear feet of utility lines in a “Very High Fire Hazard Severity Zone”.

- 1) Research information/plans provided, conduct surveys as needed, and prepare necessary base map for engineering design, as necessary. Note: CAD files will not be available for any of the utility company design plans per their procedures.
- 2) Electric panels will need to be relocated for the following residences: 27 Eastfield, 29 Eastfield, 38 Eastfield, and 42 Eastfield. The new panel location is reflected on the SCE Final Design Plans. Prepare plans, diagrams, and specifications to support these panel relocations as needed to include in the construction bid package.
- 3) Design Plans shall be submitted at the following stages of completion for City review and comment: 100% & 100% (Final, as needed). Allow 1 week minimum for each City of Rolling Hills review.

All engineering plans, diagrams, and specifications are meticulously prepared and submitted for City review to facilitate the construction design and necessary relocations as outlined.

Task 3 – Specifications

Prepare Project Specifications to support the construction documents prepared by SCE and telecommunication companies. Provide utility standards regarding installation of structures and



conduits to ensure accuracy. Prepare specifications in conformance with the current Standard Specifications for Public Works Construction (Greenbook) and other applicable agency standard plans, specifications, and guidance documents to obtain plan approval from the City. Provide the permit adherence, standards, and reference materials to be included in the City's standard contract documents. Every item of work must be fully covered including a measurement clause and a payment clause. Review and adjust if needed as-builts on a weekly basis.

Our team has developed project specifications for numerous utilities across the nation, including but not limited to National Grid, PPL, and PEPCO. When writing distribution specifications for a distribution construction project, it is essential to consider several key factors. These include the technical requirements for materials and equipment to ensure compatibility and reliability within the existing infrastructure. Regulatory compliance is paramount, necessitating adherence to local, state, and federal guidelines. Safety standards must be meticulously detailed to protect both workers and the public. Additionally, environmental impact assessments are crucial to minimize ecological disruption. Cost efficiency and budget constraints must be balanced with the need for high-quality outcomes. Finally, stakeholder collaboration ensures that the specifications meet the needs and expectations of all parties involved, fostering a successful and cohesive project execution.

Task 4 – Cost Estimates

Construction Estimate: Prepare an engineer's construction estimate for the designed Project at the 100% and 100% (Final, as needed) submittal(s). Cost estimates shall have quantities and unit prices with back-up calculations for all quantities. The consultant shall verify current unit prices at time of final plan approval.

Our team excels in delivering precise cost estimates, meeting the stringent requirements of our largest client for a range of projects, from pole replacements to extensive Strategic Undergrounding initiatives. To ensure consistency between construction plans and estimates, our team emphasizes the following key areas:

1. Quantities and Unit Prices:
 - Accurate Quantities: Ensure all quantities are measured and calculated accurately.
 - Current Unit Prices: Verify and update unit prices
2. Back-Up Calculations:
 - Detailed Calculations: Provide detailed calculations for all quantities to support the estimate.
 - Documentation: Maintain thorough documentation of all calculations and sources.
3. Material Costs:
 - Material Specifications: Include costs for all specified materials to match construction plans.
4. Labor Costs:
 - Labor Rates: Use current labor rates, including any regional variations.
 - Productivity Rates: Consider productivity rates and potential overtime.
5. Subcontractor Costs:
 - Quotes from Subcontractors: Obtain and verify quotes from subcontractors.
 - Scope of Work: Ensure the scope of work for subcontractors is clearly defined.
6. Schedule and Timeframe:



- Project Timeline: Consider the project timeline and any potential delays.
- Seasonal Factors: Account for seasonal factors that may affect construction

Task 5 – Permitting and Regulations

Per the RFP Q&A (question 6) This project is federally funded (grant), therefore would fall under NEPA. The grant includes a Record of Environmental Considerations. No further permitting or approval is anticipated. Compliance will be monitored during the construction phase.

Task 6 – Bid Support

To assist the City in preparing the project Bid Package, the following steps should be taken:

1. Preparation of Bid Package:
 - Utilize the City's standard bid package document as a template.
 - Incorporate all relevant project details, specifications, and requirements from the 100% construction estimate.
 - Ensure that all sections of the bid package are complete, including instructions to bidders, bid forms, contract terms, and technical specifications.
2. Preparation of Bid Schedule:
 - Develop a detailed bid schedule based on the cost estimate prepared in Task 4.
 - List all items of work with corresponding quantities and unit prices.
 - Ensure that the bid schedule is clear and comprehensive, allowing bidders to provide accurate and competitive bids.
3. Responding to Bid Phase Questions:
 - Be available to provide timely and accurate responses to any questions received from potential bidders during the bid phase.
 - Document all questions and responses to ensure transparency and consistency.
 - Issue addenda if necessary to clarify or modify the bid documents based on the questions received.
4. Compiling and Reviewing Bids:
 - Assist the City in compiling all bids received, ensuring that all required documentation is included.
 - Review each bid for responsiveness, checking for completeness, accuracy, and compliance with the bid requirements.
 - Prepare a summary of the bids received, highlighting any discrepancies or issues for the City's consideration.

Task 7 – Construction Support Services

To provide comprehensive engineering services throughout the construction process, we will:

1. Attend a pre-construction meeting to clarify contract documents as needed.
2. Assist the City with Request for Information (RFI) responses to ensure all queries are addressed promptly and accurately.



3. Review the Contractor's submittals for conformance with the contract documents, ensuring all materials and methods meet project specifications.

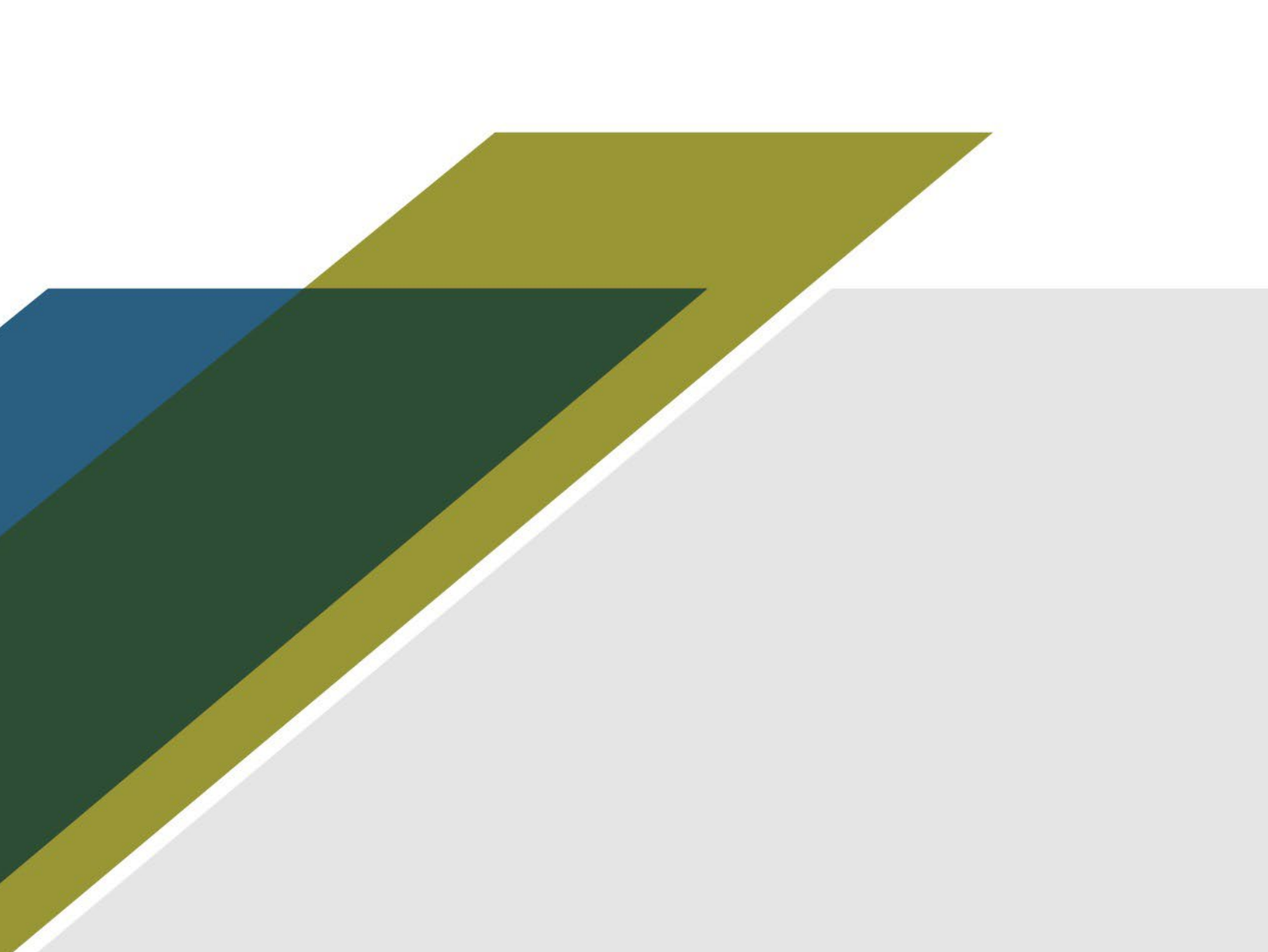
Upon completion of construction, we will:

- Prepare as-built drawings using the contractor's record red lines, clouding, and noting revisions in the block, and stamping them as "Project Record Drawings." These drawings will be provided in both AutoCAD and PDF formats.

Additionally, we will:

- Assist the City in preparing the project Bid Package using the City's standard bid package document.
- Prepare the Bid Schedule based on the Cost Estimate in Task 4.
- Provide responses to questions received during the bid phase as needed.
- Assist the City in compiling data on bids received and review bids for responsiveness as requested.





PROJECT APPROACH



Management Approach

At our core, we uphold a management approach rooted in clear communication, proactive problem-solving, and efficient execution. We facilitate regular progress meetings to ensure transparency and continuous alignment with project objectives. Our commitment to proactive problem-solving enables us to anticipate challenges and devise effective solutions promptly. We prioritize the assignment of key personnel to oversee the execution of tasks efficiently, ensuring each project's success. Additionally, our responsiveness to urgent requests exemplifies our dedication to client service, as we strive to address and resolve issues swiftly and effectively. This holistic approach underscores our dedication to excellence and collaboration in all our engagements.

Scope of Work Execution

The backbone of our EN team, which is located within California, is its combination of technical leads, field technicians, project engineers, design engineers and designers depending upon project requirements. The number of team members varies throughout a project depending on its size and schedule requirements. The project team also has access to subject matter experts, with EN, in any area where a need for additional expertise may arise. This allows us to offer the best product at the lowest possible cost. At a high level our process consists of the following:

1. Program kick-off
2. Execution process development
3. Field data collection
4. Calculations & design execution
5. Quality checks

Jessica Zufolo, EN's Vice President of Rural Broadband Strategy, brings extensive experience with Federal Grants. She will support our team in partnering with Rolling Hills to develop comprehensive bid documents and ensure compliance with all grant timelines and expectations. Additionally, our team has extensive experience with Rule 20A and 20B design.

Jessica joined EN after serving in various senior leadership roles throughout federal government and non-profit sectors for over 30 years. Prior to joining EN, Jessica served for over five years as the Senior Advisor for Strategic Partnerships for the Lifeline Division at the Universal Service Administrative Company (USAC) where she managed all state, federal and tribal engagement that led to the establishment of the Lifeline National Eligibility Verifier.

Prior to her tenure at USAC, Jessica was appointed by former President Barack Obama to serve as the Deputy Administrator for the Rural Utilities Service (RUS) at the U.S. Department of Agriculture (USDA) where she helped oversee a \$85 billion federal loan and grant portfolio that finances water and sewer treatment systems telecommunications and broadband networks, precision agriculture, electric utility, smart grid and renewable energy projects in rural and tribal communities.

During her tenure at RUS, Jessica also worked closely with FEMA on numerous rural disaster mitigation projects in rural low-income communities and has deep experience working closely with FEMA officials on rural public safety broadband projects in disaster prone areas.



Jessica also served as the Legislative Director for the National Association of Regulatory Utility Commissioners (NARUC) where she was responsible for developing legislative strategy for all fifty state public service commissions involving telecommunications, technology, consumer protection and water.

Earlier in her career, Jessica worked on Capitol Hill for eight years overseeing telecommunications and energy policy for the late New York Senator Daniel Patrick Moynihan, Senator Charles E. Schumer of New York, and Representative Peter A. Defazio of Oregon.

Scoping/ Kick-Off

During the scoping or program kick-off phase the project manager meets with the client or representative to discuss and align around project scopes, project deliverables, schedules, budget, communication channel and cadence, quality measures and grant funding dates. This meeting is critical as this serves as a touch point for the PM and client to adjust and shape the results of the program or project as all work must be completed by February 14, 2025. Our Project Manager will engage with the City's distribution design program stakeholders to establish Key Performance Indicators (KPIs) and identify necessary production measures for tracking and development. Our team collaborates closely with the Vice President of Data to monitor project performance metrics using the Power BI Dashboard. This dashboard will be updated and disseminated weekly to ensure all parties are aligned on deliverables.

Execution Process Development

The PM works with the project team to develop and document an execution process from project receipt from the client through the QA/QC process and final deliverables to identify any process gaps, technical challenges, or training required to meet the client deliverables. We have found over the years that documenting this process helps uncover challenges and efficiencies which then can be implemented quickly. It also serves to onboard and train any new individuals who may be added to the project as volumes of the as-needed services fluctuate and/or scopes are changed.

Our team will leverage our robust Project Management Office (PMO) structure to approach the work with a strategic, big-picture mindset. With a director actively overseeing the entire project, our kickoff meetings will emphasize identifying both negative and positive risks. We capitalize on positive risks to achieve cost savings and enhance our project schedule.

Design Execution

EN will conduct site visits as necessary and coordinate with relevant departments to address project dependencies, including engineering, right of way, and planning. All project dependencies will be identified and communicated to both internal and external stakeholders, as applicable, to ensure proper engagement and maintain the project's tight schedule.

The EN Team will employ a comprehensive notification task list to manage all project components, ensuring all tasks are completed prior to project submission. The team will upload all required documents for design project review as specified by the City. Coordination will be maintained with the City's designated Project Manager, telecom companies, and the Rolling Hills Community Association (RHCA). The EN team will consult with the construction team as



needed to address any change orders or design issues throughout the project's duration. A completed design package will include, but is not limited to, the following:

- Stamped Final Design Drawings
- Design Inventory Report
- Staking Sheet
- Plan & Profile
- Conduit Plan (underground projects)
- Typical Trench details (underground projects)
- Structure & Foundation Drawings
- Material Summary
- Reference Photos
- Pole Loading Calculations (Performed via O-Calc)
- Wire Pull Calculations (Performed via the City standards and pulling calculation software, Polywater Pull Planner)
- Cost Estimates

The final drawing package will adhere to the client's standards, incorporating accurate symbols and labels. It will provide comprehensive details, including Joint Pole notes for the subject pole and adjacent poles. Additionally, it will specify removal and installation instructions, a concise scope of work, and plan notes for the crews. Upon completing the design, the designer submits the project along with the design checklist to our internal Quality Control (Q/C) team.

Quality Checks

Our Quality Control (Q/C) team maintains an up-to-date checklist aligned with current client standards. This checklist streamlines our processes, ensuring efficiency and consistency in handling mark-ups. By adhering to this checklist, we deliver high-quality results with precision.

Once the Q/C team and our Design Manager (Electrical P.E.) complete their review, they provide feedback to the designer along with the design and Q/C checklist. The designer takes responsibility for addressing any redlines and clearly marking completed updates. Subsequently, the entire design package returns to the engineer who initially examined the project. This step ensures that all mark-ups are thoroughly addressed and updated.

Upon the Q/C team's confirmation that all mark-ups are complete, they send the package back to the designer for final submittal. EN then submits all PDF documents related to the design and design inventory via email to the City. The email subject follows the City conventions to ensure smooth processes. The City is requested to respond within five business days, either approving the design or requesting revisions.

Work Accommodation and Limitations

EN has over 3,200 employees across the country and a robust talent acquisition team that hired 1,000 individuals in the 2023 calendar year. We have the established internal infrastructure to complete any scope of work presented by the City. Moreover, our flexible resourcing approach enables us to seamlessly adapt to the ebbs and flows of our clients' project demands. By doing so, we not only minimize costs but also efficiently address urgent work requests.



EN prioritizes the assignment of appropriate personnel to support the project through the entire lifecycle, maintaining consistent resource commitments for all key team members on significant projects. The key personnel outlined in the “Project Team” section for the RFP possess essential electrical engineering and field experience in the Pacific southwest, equipping them to manage any scope of work that the City may require in the distribution space. Should the need arise to augment our team, the City can rest assured that EN, with over 1,800 industry professionals, can adjust resource allocation dynamically. This flexibility and our systematic approach to resource management allow us to adjust as project demands evolve, ensuring resource availability for the City’s projects as needed.

Heather Leask is EN’s Director of Electric Utilities in the Pacific and Southwest Regions and will provide oversight and management of this project. With over 10 years’ experience focused on distribution, she has cultivated a comprehensive understanding of regulatory landscapes, stakeholder engagement, and the ever-evolving challenges and opportunities presented by the global shift towards sustainability. Heather is eager to contribute to the success of the City and brings valuable technical knowledge and leadership skills to the program. For more information on our team, see the “Project Team” section and the resumes located in the Appendix. For all distribution programs in the Pacific Region, EN conducts biweekly meetings to deliver ongoing training, ensuring that our teams continually enhance their skills and that our clients receive the highest quality service. We also hold monthly stand-up meetings to discuss any process changes or updates, ensuring comprehensive information distribution.



Quality Control and Cost Management

A key to EN's and our client's mutual success are the productivity & continuous improvement measures we institute at the beginning of each project. The process is utilized to evaluate entire programs, individuals, or projects to identify areas for improvement. EN uses data to drive work to the most productive resources, to identify training & coaching opportunities for others, and shift work as project volumes change to minimize price fluctuations. In most instances we can improve productivity improvement by 30% - 45% or greater to achieve client goals, which represent savings that are passed along to our clients.

As an organization, EN has strategically invested in tools, methodologies, and established processes based on our extensive experience delivering thousands of similar projects. This ensures a consistent and well-documented approach to every new project we undertake. Our employees are supported by an infrastructure consisting of proven processes, methodologies, and communication standards to support all their efforts. As an organization, EN adheres to strict quality control procedures, prioritizes risk management mitigation strategies, and fosters effective multi-pronged communication among internal and external stakeholders. These practices contribute to our record of accomplishment of proven success across the projects we undertake. EN develops and maintains a Quality Management System that is specific to the services and deliverables provided by our organization. EN received the International Organization for Standardization (ISO) 9001:2008 certification for our Quality Management System standard in 2008 and we are currently an ISO 9001:2015 certified company. It is important to understand that while we adhere to the ISO 9001:2015 standard requirements, everything we do is part of our Quality Management System. Quality performance is one of the cornerstones of our company culture and is considered a personal responsibility of all employees.

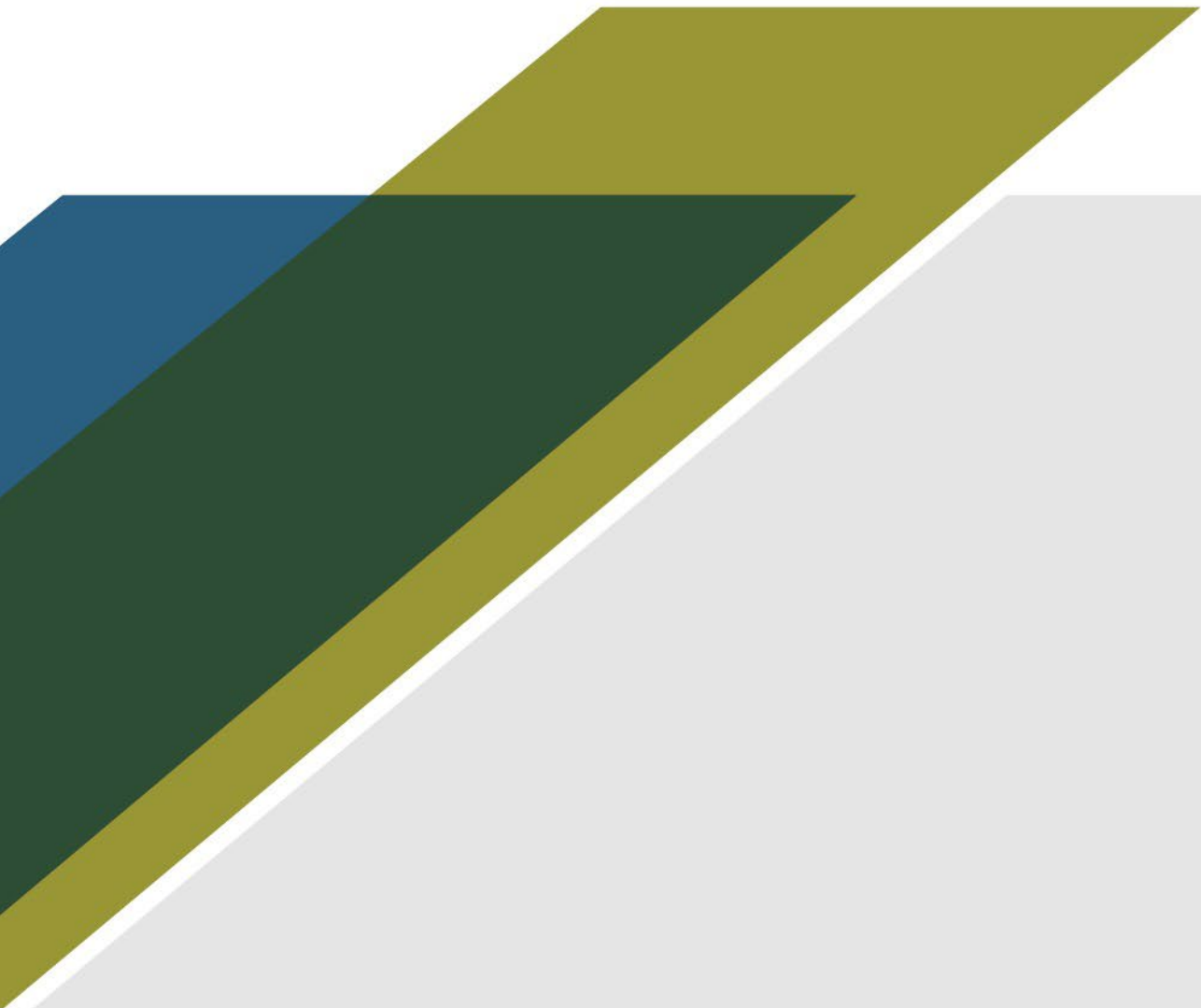
EN will follow ISO process for project reviews and all project deliverables will be transmitted via a secured site. Every project will have three (3) EN Required Quality Reviews, including 1) Formatting Quality Review (FQR) for detailed review of drafting, formatting, templates, and client standards; 2) Engineering Quality Review (EQR) to ensure project requirements have been met; and 3) Inter-Disciplinary Review including a cross-unit review to identify inconsistencies between package components. In addition, EN has standardized the tracking of quality reviews to ensure all review information is quickly accessible, retrievable, and complete. EN's strict QA/QC process ensures a finished work product will meet the City's standards. If errors or omissions are identified (by EN or the City) in the materials developed by EN as part of this project, our engineering team will diligently address and correct the matter promptly, ensuring it meets the City's quality standards. The communication plan established by EN's project manager, and the City ensures timely and effective communication. Our goal is to consistently meet or exceed the standards and expectations set forth by the city.



Typical Work Schedule

1. Team Lead looks over all provided project information and confirms all information scope
2. EN will host a project kickoff meeting with the city to confirm scope and deliverables
3. Design Manager will assign work to engineers and designers
4. EN will schedule site visit to obtain and verify all field data
5. EN will dispatch a field technician to the city service territory for field noting
6. EN will update all current drawings with collected field data
7. Review field data with the city
8. If necessary, EN will schedule follow up field visits to ensure design validation
9. Upon completion of the design, EN will submit a pdf document of the design and design inventory report as requested by the City
10. Upon the City's review, EN will make any required revision and resubmit the design package
11. EN will respond to construction field changes and will be available for construction walks/review meetings





ASSUMPTIONS & CLARIFICATIONS



Assumptions & Clarifications

RFP Q&A Clarifications

EN is providing a proposal per

1. City of Rolling Hills Request for Proposal, *Section 2 - Scope of Work* published on 10/30
2. RFP answers published from the city on 11/14

Funding

The Federal Emergency Management Agency (FEMA) approved a subaward application in the amount of \$2,629,176. 75% (\$1,971,882.00) is covered by the federal grant and 25% (\$657,294) is a local match utilizing Rule 20A credits. This amount must cover the entire project. To date approximately \$1.15 million has been expended including utility designs, potholing, and consultant fees.

Environmental Compliance

Environmental compliance is part of the overall project and the responsibility of the vendor. Per RFP documents, FEMA made environmental assessments and cleared the project with minor exceptions prior to subaward approval. The City of Rolling Hills is responsible for ensuring that the bid documents and the project execution meets the requirements so as not to trigger any additional NEPA requirements. Engineering design should be cognizant of these in design of conduit(s) to residences, but overall compliance monitoring is not part of the scope.

Traffic Control Plans (TCP)

The eventual bid selected contractor would be responsible for TCP. Engineering Design consultant would need to include this requirement in the project specifications / cost estimate for construction.

Panel Relocation Fee

Panel Relocation vs Conversion needs to be determined with the property owner and City. Include a fee for both.

Cost Estimates

Based on the RFP description, Cost Estimates included in the proposals is limited to two submittals. Additional cost estimates can be provided at additional cost. Cost Estimate assumes that City has pricing provided for existing and new equipment. Market research and material decisions can be provided at an additional cost.

Permitting

Project is federally funded (grant), therefore would fall under NEPA. The grant includes a Record of Environmental Considerations. No further permitting or approval is anticipated. Compliance will be monitored during the construction phase.

Project Administration & Meetings

Cost proposal includes the meetings per the RFP Section 2 – Scope of Services. EN will send a representative to attend monthly coordination meetings/other meetings as follows; meetings (12 total meetings):

- a) Scoping/Kick-off (1)
- b) Monthly Coordination Meetings (6)
- c) Stakeholders - Final Design (2)
- d) City Council (1)



e) City Staff (2)

Additional meetings and travel expenses will be managed through a change order process. Entrust utilizes Microsoft Planner for scheduling purposes. The use of alternative scheduling software may result in additional licensing fees.

Bid Documents

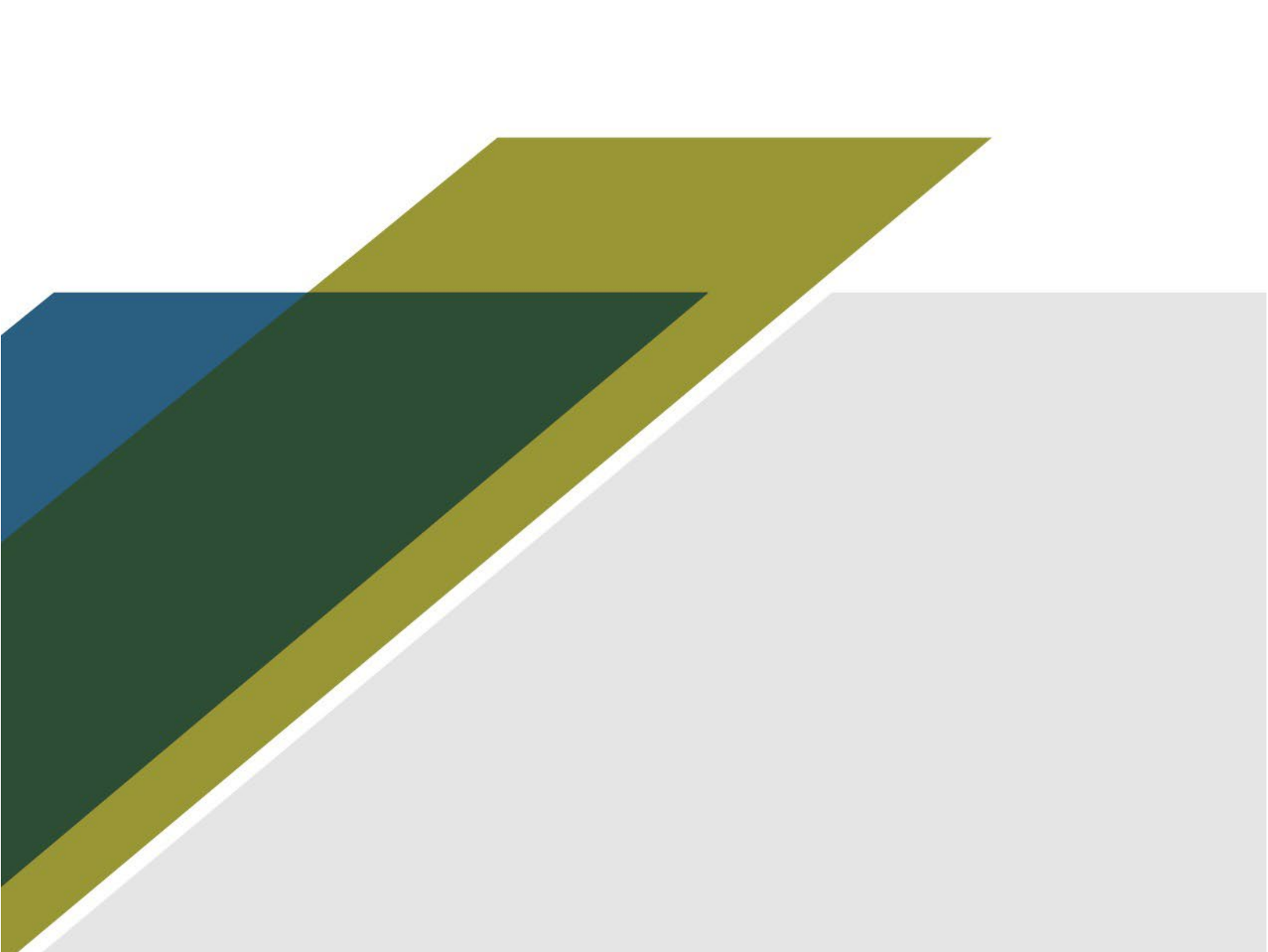
Bid documents to be completed as described in this Proposal are limited to items in the Standard Bid Package Document and response and answer questions in the original Bid Timeframe. Any extensions, additional revisions to Bid or additional documents requirement can be completed at an additional cost.

Professional Services Agreement

EN has reviewed the City's Professional Services Agreement (RFP Attachment 7 - Sample Professional Services Agreement) and proposes the updates as outlined in the separately submitted "PSA GR_OES_241030_Eastfield_UU_20B_Engineering_EN Edits 11.6.24".

We look forward to discussing our proposal with the City and are open to finding an agreement that works for both parties.





QUALIFICATIONS, CREDENTIALS AND EXPERIENCE



Qualifications

Per the scope of work, EN would like to highlight some of our qualifications related to the Scope of Work (Tasks 1-7).

Project Administration/Project Management

EN has a dedicated Project Management Organization, not included in the 140+ Pacific Electric team, which supports utilities and municipalities. EN is experienced and prepared to provide the required construction and project management required for this project. EN has extensive experience of the electric distribution space, with the emphasis on joint use, fiber optic/telecommunication design, system expansion, reinforcement, and modernization. Our team is adept at handling every phase of the project lifecycle, ensuring a seamless and efficient process. The project managers have expertise in planning, execution, and monitoring, ensuring projects are completed on time, within budget, and to the highest standards. They work closely with the client's team to address any challenges that arise and maintain effective communication among all stakeholders.

Engineering & Design

EN Engineering currently performs strategic UG designs for utilities in CA thus understanding the challenges related to this type of work and the impact on residents. Our seasoned designers and project managers are prepared to provide detailed and consistent support for both design and project management.

Electric Distribution Design

EN has experience in analyzing, engineering, and designing utility-grade distribution systems and associated technologies, including overhead, underground, and network distribution systems. Our services encompass the entire electric distribution spectrum, with a focus on system expansion, reinforcement, repair, and modernization.

Design scopes that EN has experience in include, but are not limited to:

- Overhead to UG Conversions
- Overhead Reconductoring and Capacity Expansions
- 4kV Conversions
- Grid Modernization Design, such as recloser, voltage regulators, and automated switchgear designs
- Electric Vehicle Infrastructure Design, Consulting, and Engineering
- Downtown Network Design and Inspection
- Manhole, Vault, and Duct Bank Design
- Underground Residential Distribution (URD) Design
- DOT Upgrades
- Pole Inspection and Replacement
- Transmission Underbuilds
- Overhead to Underground Conversions
- Joint Attachment and Make-Ready Coordination and Design
- New Service Installations
- Utility GIS Mapping
- Permitting, including City, State, Federal, FAA, Water, Railroad crossings, etc.
- Pole Modeling, utilizing Poleforeman, O-Calc, SPIDAcac, PLS suite, SAG10, and similar programs



- Familiarity with utility asset management and design systems, including Maximo, Bentley Expert Designer and BOUD, G-Tech, STORMS, Powerplan, Atlas, and similar programs

While our design capabilities are broad, our process is often the same.

- **Field Inspection** - The foundation of a successful design is a thorough field inspection. We visit all job sites to conduct a detailed review of existing infrastructure, potential conflicts, and safety concerns.
- **Scope and System Review** - The scope is reviewed for any issues with coordination and constructability. Any concerns are promptly raised with the utility engineering and planning teams for resolution.
- **Long-Lead Task Coordination** - EN identifies critical design elements that may cause construction delays and addresses them early in the process. This includes long-lead material ordering and complex permits, like FAA, railroad, or environmental permits.
- **Design** - After resolving all potential conflicts, we complete the design and bill of materials using the utility's standards and preferred design tools. Every design undergoes a comprehensive quality review.
- **Customer Engagement** - For projects directly impacting customers, early communication is essential. We collaborate closely with clients on service work, easement acquisition, and vegetation notifications.
- **Construction Support** - EN continues to support the project through the construction phase, often staking jobs, attending construction kickoff meetings, and assisting construction crews with any questions or required changes.

Previous Relevant Project Experience

The programs listed below are currently active and are anticipated to continue at least through 2024. Currently, comprehensive data regarding the total budget and scope variance for these programs is unavailable.

1. Pacific Gas & Electric: 08W OH & UG Distribution Design

Reference: Darren Cain

Email: DCCd@pge.com

Phone: (916) 622-8442

Date(s): 2018 - Present

Description: EN Engineering successfully completed a comprehensive utility distribution project for Pacific Gas & Electric, focusing on both overhead and underground systems. Key aspects of our work included:

1. Design Services:
 - Our team provided design services for utility distribution projects spanning voltage levels from 2.4kV to 12kV.
 - We meticulously followed client and state standards, ensuring compliance in all aspects of the design.
2. Distribution Line Design:
 - EN Engineering designed efficient distribution lines, incorporating both overhead and underground components.
 - Our scope included equipment installation, cable replacement, pole upgrades, and other assigned tasks.
3. Risk Mitigation:



- In areas with high fire threat, we re-conducted distribution lines to meet safety standards set by the National Electrical Safety Code (NESC) and GO95.
 - Our focus was on minimizing wildfire ignition risk while maintaining system reliability.
4. Engineering Calculations:
 - Our team performed detailed engineering calculations, including structural analysis of poles, guying, cable pulling, electric demand, transformer sizing, and voltage drop.
 - Protective device coordination was integral to our designs.
 5. Field Implementation:
 - After client approval, we staked out projects in the field, adhering to specifications.
 - Our electric crews pulled powerlines through conduits, made connections, and energized underground lines.
 6. Leadership and Communication:
 - EN Engineering provided leadership and guidance throughout the project.
 - We communicated regularly with clients to ensure alignment with project goals.
 7. Project Management:
 - Changes to project scope and schedule were managed effectively.
 - Sub-projects were delivered on time, within scope, and within budget.

2. Pacific Gas & Electric: 07D Pole Replacements Project

Reference: Darren Cain

Email: DCCd@pge.com

Phone: (916) 622-8442

Date(s): May 2020 - Present

Description: EN Engineering successfully completed a critical project involving the replacement of utility poles, framing, services, and overhead electric equipment. Key aspects of our work included:

1. Scope:
 - Our team focused on replacing aging utility poles and upgrading associated equipment.
 - Each job required meticulous planning and accurate determination of material needs for pole and equipment replacements.
2. Construction Drawings and Design Packages:
 - We prioritized accuracy and completeness in our submitted construction drawings and design packages.
 - PG&E graded our deliverables based on their quality and adherence to specifications.
3. Meeting Deadlines:
 - We recognized the importance of meeting project deadlines, whether flexible, rigid, or expedited.
 - Our commitment ensured timely completion of each task.
4. Resource Utilization:
 - We leveraged industry-standard tools:
 - AutoCAD: Used for creating precise construction drawings.
 - O-Calc Pro: Employed in pole loading calculations, ensuring structural integrity.



- SAP: Managed project logistics and schedules efficiently.
 - Proprietary Client Software: Enabled accurate mapping and information sharing.
5. Guides and Reference Material:
- Our team demonstrated expertise in locating and understanding relevant guides and reference materials.
 - Whether provided by PG&E or created internally, we utilized this knowledge to enhance our deliverables.
6. Successful Deliverables:
- Our commitment to excellence resulted in successful submissions.
 - The quality of our work directly impacted on PG&E's operations and reliability.

3. City of Palo Alto: Grid Modernization

Reference: Darren Numoto

Email: Darren.Numoto@cityofpaloalto.org

Phone: (650) 329-2488

Date(s): 2023 - Present

Description: EN Engineering is currently executing a critical grid modernization project to enhance electrical infrastructure within Palo Alto. The project's primary focus is on improving reliability, capacity, and communication infrastructure. Project highlights include:

1. Objective:
 - The project aims to prepare Palo Alto's electric grid for full-scale electrification by 2030.
 - Enhancing grid resiliency and reliability aligns with the city's clean energy and decarbonization goals.
2. Scope of Work:
 - Transformer Upgrades:
 - EN Engineering is replacing the existing 1,413 single-phase pole-top transformers rated less than 50kVA.
 - Approximately 1,400 new transformers, rated 50kVA or larger, will be installed.
 - This upgrade facilitates 100% electrification of end uses in the Palo Alto community.
 - Secondary Conductor Replacement:
 - 296,300 circuit feet of open wire secondary conductors in the distribution system will be replaced with aluminum aerial cable.
 - This step further supports the city's decarbonization objectives.
 - Integration of Fiber Strands:
 - New fiber strands are being integrated into distribution poles.
 - Proper anchoring ensures stability and reliability for communication infrastructure.
3. Pilot Area:
 - A pilot area build is currently underway (February 2024 to July 2025).
 - The pilot area involves approximately 1,200 homes centered in the northeast part of Palo Alto.
 - Streets within the pilot area include Embarcadero Road, Louis Road, Colorado Avenue, Greer Road, and West Bayshore Road.
4. Benefits:



- Enhanced grid reliability and capacity.
- Expanded communication infrastructure to meet future demands.

4. Baltimore Gas & Electric: Distribution Engineering & Design

Reference: Nathaniel Barr

Email: nathaniel.barr@bge.com

Phone: (410) 470-5543

Date(s): 2007 - Present

Description: EN Engineering has been a trusted partner for Baltimore Gas & Electric (BGE) since the mid-2000s, providing comprehensive electric distribution design services. Our collaboration encompasses various critical aspects of BGE's infrastructure, aimed at enhancing reliability and reducing outages. Key services include voltage upgrades, system hardening, pole replacements, joint use, and selective undergrounding.

Recent Project: Overhead and Underground Cable Design

- **Scope:**
 - EN Engineering was selected by BGE to design a critical project involving overhead and underground electric cables.
 - The project covered 40 poles of overhead electric cable and 5,090 linear feet of underground electric cable.
 - Specific components included an overhead recloser, fuse coordination, reconductoring using Hendrix spacer cable, and pad-mounted equipment.
- **Services Provided:**
 - **Construction Prints:**
 - EN Engineering prepared detailed construction prints, ensuring accurate documentation for implementation.
 - **Quality Assurance/Quality Control (QA/QC) Review:**
 - Rigorous QA/QC processes were applied to verify design accuracy and compliance with standards.
 - **Permit Application Documents:**
 - We submitted all necessary permit application documents, streamlining the approval process.
 - **Stakeholder Communication:**
 - Effective communication extended beyond BGE to non-BGE stakeholders, including customers and local government departments.
 - **Bill of Materials:**
 - EN Engineering provided a comprehensive bill of materials, facilitating procurement and construction.
 - **Technical Support during Construction Procurement:**
 - Our team offered technical guidance and support throughout the construction phase.
 - EN Engineering's expertise contributed to BGE's ongoing efforts to enhance grid reliability and customer satisfaction.

5. Puget Sound Energy: Regulator Change Outs – Single Pole Replacement

Reference: Scott Kim

Email: scott.kim@pse.com

Phone: (425) 457-9866

Date(s): November 2022 - Present



Description: Puget Sound Energy (PSE) faced recurring circuit breaker outages over a five-year period. To address this issue, PSE decided to implement a Distribution Automation (DA) scheme. EN Engineering was contracted to complete this critical project. Project details include:

1. Objective:
 - The primary goal was to enhance system reliability by automating distribution processes.
 - The DA scheme aimed to minimize circuit breaker outages and improve overall grid performance.
2. Smart Breakers and Reclosers:
 - EN Engineering installed four (4) Smart Breakers and eleven (11) new reclosers across PSE's service area.
 - These devices allow for real-time monitoring, fault detection, and automatic restoration of power.
3. Location Suitability:
 - EN Engineering meticulously evaluated each installation location.
 - Area Relay Technicians and Servicemen confirmed the suitability and acceptability of identified sites.
4. Pole Placement and Pull-Out Areas:
 - In some cases, locating suitable existing poles was sufficient for installation.
 - For other sites, new poles were strategically placed to optimize system performance.
 - Pull-out areas were designated for maintenance and troubleshooting purposes.
5. Collaboration and Success:
 - EN Engineering worked closely with PSE to ensure seamless implementation.
 - The successful deployment of Smart Breakers and reclosers significantly improved grid reliability.



Project Team

Our project team has in-depth experience across a broad range of electrical engineering projects, with a particular emphasis on distribution engineering & design. This includes projects executed for clients as EN but also the experience acquired by some team members as they have been employed by a utility. These projects encompass primary medium voltage and secondary distribution and require a comprehensive understanding of NESC, NEC, PUC mandated General Orders (e.g., CPUC GO 95), Rule 20A/B, and utility specific standards. Examples include reconductoring, undergrounding, pole replacements, equipment installations, relocations, public improvement projects, and new business commercial/residential design. In these projects we have touched every piece of equipment on the distribution system including poles, transformers, switchgear, reclosers, capacitor banks, etc. As a result, we are experienced in providing our utility clients deliverables that include final design drawings, design inventory reports, and submissions of inventory from design.

While EN's staff is well-equipped with the necessary tools and technology to perform their tasks from any location, including the availability of several EN office facilities, our employees are also prepared to travel to the City's Operation Center and sites within the City's service territory, as required and upon reasonable notice. EN's proposed project team is based within a few hours' travel to the city service area. Furthermore, our professionals have strong planning skills and will methodically schedule in-person meetings and site visits in accordance with the project timelines.

Key Personnel

1. Tony Bustos – Sr. Director – Lincoln, CA

Mr. Bustos has over 25 years in the Electrical and Renewables industry moving up and evolving throughout. Working as a journeyman electrician as well as an electrical foreman in the field gave him the basis of understanding of day-to-day operations which has allowed him to excel in his management career. Mr. Bustos is a firm believer in the team concept and building a culture of structure balanced with hard work to deliver solid projects.

2. Heather Leask – Director – Tucson, AZ

With over 10 years of dedicated experience in the energy sector, she has successfully overseen multi-million-dollar projects, driven the integration of renewable sources into our grid, and led talented teams in achieving operational excellence.

Heather has worked on several high-profile overhead and underground projects for transmission and distribution lines. She is experienced in a variety of design disciplines, including new construction, upgrades, writing and ensuring adherence to standards, and network design for voltages ranging from 12.47 kV to 345 kV. Her primary responsibilities include voltage conversions, system improvements, overhead to underground conversions, and system modeling and analysis. Heather is also well versed in the layout and design of trenchless installation technologies such as horizontal directional drilling and jack and bore. Heather works remotely and has the flexibility to be on site as needed for the city program kick off and project start up to five days a week.



3. Chris Mink – Director – Civil / Environmental / Survey Team – Forest Hill, MD

Mr. Mink has over 26 years of professional engineering experience for both public and private development. In addition to being a licensed professional engineer he also has previously been certified as a Project Management Professional (PMP). Mr. Mink is certified by the US Green Building Council as a LEED Accredited Professional. His skills include site infrastructure including site grading, stormwater management, erosion and sediment control, water and sewer service, storm drain, and roadway design. He has developed extensive knowledge of engineering design and construction. Mr. Mink deals with projects from the planning stage all the way through to bonding and permitting then through construction completion.

4. Jory Wolf – VP of Digital Innovation – Los Angeles, CA

Mr. Wolf joined Magellan (an ENTRUST company) after 22 years as CIO of the City of Santa Monica, where he launched Santa Monica City Wi-Fi, which provides free internet services to the public through a network of thirty-two hot zones and wireless coverage in most major commercial and transit corridors throughout the city. He created Santa Monica City Net, a 100-gigabit broadband initiative to support an environment for local businesses to compete in the global economy with innovative network solutions. Jory has over 35 years of experience in Information Technology, including broadband, FTTH and Smart City initiatives. Since joining Magellan Advisors in July 2016, Jory has led teams that have worked on 50+ government projects in broadband master planning, feasibility studies, wireless strategic planning, 5G small cell policies, dig once policies and smart city.

5. Jason Hernandez – Senior Technical Lead – Coachella, CA

Mr. Hernandez has over 20 years of experience and progressive responsibility in overhead and underground distribution design. His qualifications include extensive hands-on planning, field investigation and construction management, design, permitting, cost estimating, project management and quality control. Mr. Hernandez's background includes extensive service to public and private-sector clientele. He serves as Senior Technical Lead of Electric Programs to support various projects throughout the Western Region. Jason has gained experience at the Imperial Irrigation District, City of Palo Alto, TRC, BCF Engineering, and through collaboration with his clients at PGE, SDGE, Puget Sound Energy, and the Imperial Irrigation District. Jason works remotely and has the flexibility to be on site as needed for the city program kick off and project start up to one day a week.

6. Michael Fuller – Senior Project Manager – Los Angeles, CA

Mr. Fuller is an accomplished project manager and technical professional with more than 20 years' experience in planning, design, construction, and strategic development within the electric utility industry. Michael works remotely and has the flexibility to be on site as needed for the city program kick off and project start up to three days a week.

7. Mara Duca – Project Manager I – San Diego, CA

Ms. Duca is a PMI-certified Project Manager with extensive experience in managing large-scale projects. With a proven track record in vendor management, scheduling, and cross-functional team coordination, she is a quick learner, skilled in leadership and training, and detailed and efficient. Mara works remotely and has the flexibility to be on site as needed for the city program kick off and project start up to three days a week.



8. Jerald Sanchez – Sr. Design Technician – Las Vegas, NV

Mr. Sanchez works as a Design Technician and is currently working on 07D projects. The design experience accumulated from previous employers has allowed him to apply his knowledge to the wide range of work today.

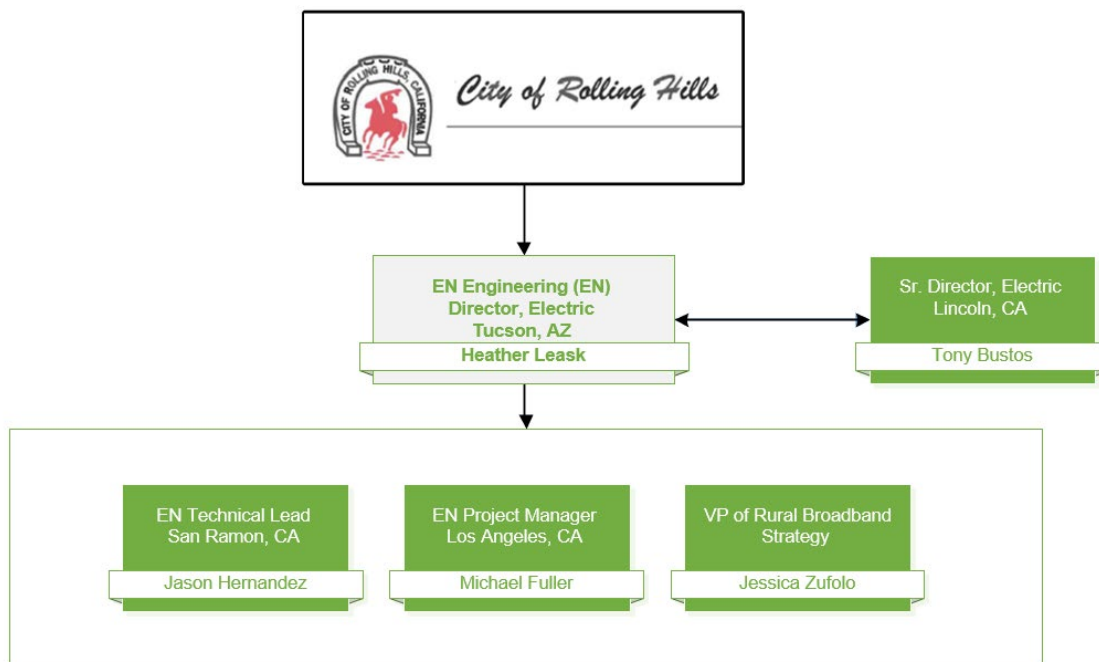
9. Vanneda Bunna – Project Lead – Charlotte, NC

With six years of professional experience, Ms. Bunna brings a high level of self-motivation and dedication to her work. She possesses two years in engineering designs, and four years of expertise in quality control, leadership, and project management. As a collaborative team player, she excels in leading teams and ensuring the delivery of the highest quality standards to clients. Ms. Bunna is committed to continuous learning and growth within the company to drive business success.

10. Gurkarn Sandhu – Sr. Design Engineer – Fishers, IN

Mr. Sandhu is a skilled mechanical engineer who evaluates design proposals and is dedicated to leadership and communication. He is a quality control lead frequently communicating with clients to ensure designs are up to and continually creates and processes design guidelines.

Organizational Chart





COST PROPOSAL



Per the RFP #DR4382-PJ0177, the Cost Proposal has been provided in a separate attachment – please see “EN-Rolling Hills Utilities Construction Support Pricing Sheet.”

Permit fees were not included in the cost proposal.





APPENDIX

Attachment 1: Resumes



Resume Highlights

Business Development

Project Management

Operations Management

QA/QC

Years of Experience: 25

Primary Office Location:
San Ramon, CA

Education/Certifications:

- FMI Corporation project management academy graduate 2012 - Raleigh, NC
- FMI Operational Excellence graduate 2020
- Certified General Journeyman Electrician 2006 renewed in 2009
- OSHA 10
- Dale Carnegie Management Training Graduate
 - High Impact Presentations
 - Public Speaking Mastery
 - Mindleaders Training Courses
 - Dealing with difficult people series
 - Time Management Fundamentals
 - Negotiating
 - Effective Presentations

OVERVIEW:

Tony Bustos has over 25 years in the Electrical and Renewables industry moving up and evolving throughout. Working as a journeyman electrician as well as an electrical foreman in the field gave Tony the basis of understanding of day-to-day operations which has allowed him to excel in his management career. Tony is a firm believer in the team concept and building a culture of structure balanced with hard work to deliver solid projects.

RELEVANT PROJECTS:

2021-2023

- Portola Substation Rebuild – 60kv Sub R&R
- Cathedral Park A - WMP reconductor
- Fallen Leaf Lake Phase A – WMP Reconductor
- Lily Lake – WMP Reconductor
- 625/650 Ckt Phase 2B – 120KV – Transmission Upgrade
- ANGORA Lake - Microgrid project
- Caldor Fire rebuild
- Tahoe Vista – Rule 20 UG Project
- 4203 Brockway UG project
- Northstar EV Project – Level 2 Chargers
- SLT School District Buss Barn EV project

Liberty Utilities 2021-Current *Manager, Capital Project Delivery*

Leadership responsibilities for the Project Management team, day-to-day support, implementing new processes, training and oversight for all Large Capital Improvement Projects in the Lake Tahoe Basin. The team met the 2021 Capital Projects portfolio budget of \$74 million.

- Oversight/Execution responsibilities for all aspects of Capital projects from Business Case development, Design, RFP Development and sourcing, Permitting, Procurement, Construction and Close Out.
- Project portfolio includes WMP Initiatives, OH/UG rebuilds, Emergency Response (wildfire or storm repair) EV Charging Stations, Microgrid, Substation Builds. Distribution & Transmission line system upgrades, MHP remote metering and
- Provide direction and support to all internal and outsourced SME's to deliver each project safely on schedule and within budget.
- Collaborate with CPUC in developing and presenting responses to Data Request, development of the annual QAQC program.

- General support for the OEIS group during project compliance review and onsite inspection support.
- Providing guidance/implementation of regulatory procedures with Liberty team to ensure compliance from pre-construction to completion.
- Managing PM teamwork load to ensure work/life balance is there and supplement as needed to ensure company needs are met.
- Develop career path and growth opportunities for all team members. Map potential next steps to obtaining next level positions for team members and understanding and augmenting departmental staffing plan as needed.

Sebastian Corporation 2019-2021
Director of Operations

Overall day-to-day management of all construction and estimating activities company wide. Developed, Implemented, and manage execution of PM policies and procedures focusing on productivity and efficiency control measures. Responsible for assembling a team of professionals through the hiring process, coaching and career planning for a \$30 million dollar revenue goal. Work directly with ownership and executives on a day-to-day basis creating a model maximizing corporation profitability goals.

- Review and audit monthly projections from management staff
- Assign team, manage overall process and approve final estimates with estimating team
- Develop client relationships and act as front line of communication for all project needs.
- Monitor market trends, implement corrective measures as market fluctuations occur to ensure company backlog log is secured.

Helix Electric Incorporated 2017-2019
Senior Project Manager

Lead project team in managing daily operations of multiple Design Build Projects, with regard to Design, BIM coordination, scheduling, contract development and subcontracting misc sub tier trades. Focusing on project profitability, productivity, cost tracking, procurement processes & safety.

- Prepare & present all project budgets to Executive team for all new projects.
- Create a project plan within our team to create goals building with the end in mind, ranging from procurement, laydown logistics, prefab plan, manpower flow & equip needs
- Develop client relationships and act as front line of communication for all project needs
- Provide monthly cost and profitability report recaps to executive team

M&W Energy Inc.
2015 – 2017
EPC Project Manager

Daily management of the project from design development through completion of 11MW solar project at SMUD's Rancho Seco Nuclear Facility in Herald, Ca.

- Develop and present RFP submission to client (First Solar)
- Develop and present Project execution plan during kick off meeting presentation for Client (First Solar) and end user (SMUD).
- Negotiated, coordinated and executed PPA in addition to coordinating PLA with all trades.
- Maintain all SWPPP and CEQA standards throughout the construction process.
- Develop, maintain project schedule providing weekly updates and dashboard tracking

System 3
2011 – 2015
EPC Project Manager / Pre-Job Planning - Process Champion

Responsible for all aspects of multiple solar, wind, hydroelectric, utility, public works, DOD and commercial/industrial projects throughout the country and the USVI ranging in size from \$50,000 to over \$10,000,000.

- Develop, Implement, and provide training curriculum for Pre-Job planning process throughout the company.
- Primary role working with end users such as SFPUC responsible for generating proposals and finalizing all negotiations and training of staff.
- Coordinate manpower needs utilizing our tracker for all projects within branch and sourcing new staff if needed as well as managing a 4 week lookahead for all projects.
- Coordinate all preconstruction activities from BOD development project presentation during interview process and negotiations during contract process.

Barnum & Celillo Electric
Project Manager

2009-2011

Manage all aspects of multiple public works, commercial, educational, and industrial projects ranging from \$500,000 to \$5,000,000.00 throughout Northern California.

- Monitoring of all job costs as well as labor hours
- Provide monthly cost reviews to ensure maximum profitability.
- Estimating and procuring projects utilizing a cradle to grave process.
- Utilized direct reports during project execution assigning tasks and managing to completion.

Bergelectric Corp.
Project Manager

2006-2009

Managed multiple public works, commercial, industrial & OSHPD electrical projects ranging in size from \$300,000 to \$ 6,000,000 throughout California and Nevada.

- Developed detailed estimates ranging from \$100k - \$10,000,000.00.
- Manage and maintain man loaded schedules, profit projections, submittal packages process.
- Worked with preconstruction team to develop a design that is tailored to the design narrative, while keeping the overall project within budget.

State of California, Dept. of General Services
Electrical Supervisor

2005-2006

- Managed all aspects of project start up ranging from preparing estimates and writing material PO requisitions.
- Provided oversight for onsite operations from underground to finish and trim, coordinated and scheduled all manpower to meet the needs of the project.
- Provided inspection of all aspects of installation to maintain code compliance in addition to all applicable safety codes.

Butterfield Electric
Journeyman/Foreman Electrician

2000- 2005

- Ownership of all aspects of electrical construction onsite regarding safety, UG/AG scopes to Closeout
- Ensure onsite team installed all materials per the contract documents, per code & coordinate inspections.
- Update PM with any conflicts in the design. Develop, submit RFI's, Change Orders Take off and impacts.
- Monitor all material consumption and install rates to maintain projected budgets

Woo Brothers Electric
Apprentice electrician

1998-2000

- Assist site foreman with all facets of commercial/residential electrical installations.

Resume Highlights

*Operations Project
Management*

Stakeholder Engagement

Risk Management

*Cross Functional Team
Leadership*

Years of Experience: 10

Primary Office Location:
Los Angeles, CA

Education:

BS Electrical Engineering,
University of Connecticut –
Graduated with Honors

Literacy Platform:

Asana, Jira, P6, SharePoint,
Procore, Adobe, Microsoft
Suite

OVERVIEW:

With over 10 years of dedicated experience in the energy sector, Heather has honed a passion for developing sustainable energy solutions and driving innovation in power delivery. As the Director of Electric Utilities in the Southwest Region, she has successfully overseen multi-million-dollar projects, driven the integration of renewable sources into our grid, and lead talented teams in achieving operational excellence.

Heather has worked on a number of high-profile overhead and underground projects for both transmission and distribution lines. She is experienced in a variety of design disciplines, including new construction, upgrades, writing and ensuring adherence to standards, and network design for voltages ranging from 12.47 kV to 345 kV. Her primary responsibilities include voltage conversions, system improvements, overhead to underground conversions, and system modeling and analysis. Heather is also well versed in the layout and design of trenchless installation technologies such as horizontal directional drilling and jack and bore.

Heather's professional journey has granted deep insights into both traditional and renewable energy sources. She has cultivated a comprehensive understanding of regulatory landscapes, stakeholder engagement, and the ever-evolving challenges and opportunities presented by the global shift towards sustainability.

RELEVANT PROJECTS:

San Diego Gas & Electric, Strategic Undergrounding, San Diego, CA

As a Design Engineer for SDG&E, Heather spearheaded the strategic undergrounding of overhead power lines, a crucial component of comprehensive wildfire risk mitigation program. Her role involved leading the transition from existing overhead infrastructure to new, underground systems, guided by meticulous risk evaluations within identified fire threat districts. This process entailed thorough route evaluation and extensive coordination with permitting authorities and external stakeholders, ensuring the project aligned with our ambitious energization goals. Key achievements include substantial investments in replacing wood poles with fire-resistant steel ones, establishing a cutting-edge weather monitoring network, developing advanced fire and weather forecast models, revising operating protocols, and fostering partnerships to bolster the region's wildfire response capabilities. Heather's contributions have been instrumental in reinforcing SDG&E's position at the forefront of wildfire risk reduction.

San Diego Gas & Electric, WiSE Program, San Diego, CA

As a Design Engineer for SDG&E, Heather designed and coordinated to transition 30 miles of overhead lines in fire-prone regions of east San Diego County, bolstering system resilience, reliability, and wildfire prevention efforts. This process involved coordination with LiDAR for precise mapping and surveying of high-risk areas, significantly improving design accuracy for infrastructure upgrades and designing 12kV lines centered on the strategic replacement of over 3,000 wood poles with steel within fire-sensitive zones, notably around the Cleveland National Forest, to enhance resilience against wildfires. This work ensures the safety of crews and customers, contributing to the reliability and sustainability of the energy grid in the face of environmental challenges.

San Diego Gas & Electric, Cutover 1095, San Diego, CA

As the Project Engineer for the Underground Distribution Cutover Project for Circuit 1095, Heather successfully managed the comprehensive transition of electrical infrastructure between circuits to compensate the increase power required by installing new underground infrastructure to meet the circuit requirements and reducing potential outages. Her responsibilities encompassed project planning, execution, and stakeholder engagement, ensuring seamless integration of the new underground system. This project involved detailed coordination with construction teams, utility engineers, and local authorities to minimize disruptions and meet stringent safety standards. Through effective leadership and strategic oversight, Heather delivered the project on time and within budget, significantly improving the service reliability for affected areas and demonstrating a proactive approach to risk mitigation and infrastructure resilience.

As the Project Engineer for the Circuit 1095 Underground Distribution Cutover, Heather led the seamless transition to new underground infrastructure, enhancing power delivery and reducing outage risks. Her role involved meticulous project planning, execution, and stakeholder coordination, ensuring compliance with safety standards and minimal disruption. Through strategic leadership, the project was completed on schedule and budget, boosting service reliability and demonstrating commitment to infrastructure resilience and risk mitigation.

Crux Subsurface, Cleveland National Forest Power Line Replacement, California

As the Project Engineer for the distribution voltage engineering portion of a power line replacement project for San Diego Gas and Electric in and surrounding the Cleveland National Forest in eastern San Diego County, Heather acted as an engineering subcontractor to Crux Subsurface, the EPC contractor, and provided engineering and design services for the

replacement of seventeen 69 kV and 12 kV power lines and distribution circuits spread over approximately 880 square miles. The project is required as part of SDG&E's effort to increase the safety and reliability of existing facilities within the CNF, including the design of fire-resistant steel poles in this active wildfire region.

DTE Energy, System Resiliency Program, Michigan

As the Distribution Engineer for projects involving installation of dynamic protective devices and sectionalizing equipment to improve reliability and reduce outage times, Heather created construction prints and material and labor cost estimates, performed QA reviews, and assisted with project scheduling and budgeting for fieldwork and design. She also served as a point of contact with subcontractor performing field data collection.

Salt River Project, South Mountain Freeway Distribution Relocations, Arizona

As the Distribution Engineer responsible for leading the design of the relocation of 12.5 kV overhead and underground facilities for the new Loop 202 South Mountain Freeway's West Section construction project, Heather's design portion of the project will cover approximately 10 miles of new roadway relocations along the new 202L freeway corridor, which will consist of over 57 design projects. She also provided 9 additional 12.5 kV facility relocation design projects for approximately 3.5 miles of the existing I-10 freeway, which will be widened for new on and off ramps and for additional traffic lanes through the I-10/202L North interconnection area.

Resume Highlights

*Baltimore Gas & Electric
Engineer of Choice*

*Erosions and Sediment
Control*

*Stormwater Management
Design & Permitting*

*Managed projects from
planning through construction
completion*

Years with ENTRUST: 20

Years of Experience: 27

Primary Office Location:
Forest Hill, Maryland

Education:
Bachelor of Science,
Engineering, Drexel University

OVERVIEW:

Mr. Mink has over 26 years of professional engineering experience for both public and private development. In addition to being a licensed professional engineer he also has previously been certified as a Project Management Professional (PMP). Mr. Mink is certified by the US Green Building Council as a LEED Accredited Professional. His skills include site infrastructure including site grading, stormwater management, erosion and sediment control, water and sewer service, storm drain, and roadway design. He has developed extensive knowledge of engineering design and construction. Mr. Mink deals with projects from the planning stage all the way through to bonding and permitting then through construction completion.

RELEVANT PROJECTS:

Public Service Gas & Electric, East Rutherford M&R, Project Engineer

Civil Engineer responsible for site design and permitting assistance on a natural gas transfer station replacement in East Rutherford New Jersey. Tasks included grading, sediment control, stormwater management, governmental permitting. Prepared all necessary permit packages, including the new building permit applications.

Public Service Gas & Electric, Paramus M&R, Project Engineer

Civil Engineer responsible for site design and permitting assistance on a natural gas transfer station replacement in Paramus New Jersey. Tasks included grading, sediment control, stormwater management, governmental permitting. Prepared all necessary permit packages, including the new building permit applications.

Baltimore Gas & Electric, Five Forks Substation to MD/PA State Line

Civil Engineering responsible for permitting work to replace existing transmission lattice towers with steel monopoles, improve access roads, and permit all work through State and local agencies for a six-mile re-build project. The design and permitting work included site grading, stormwater management, roadway crossings, construction inspection, and NPDES sediment control monitoring.

Silicon Valley Power, Wood Pole Storage Stormwater Management, Project Manager

Responsible for innovative site design to separate and capture contaminated stormwater runoff from wood pole storage site. Coordinated staff and subcontractors to provide design, permitting, and public bid assistance to the City of Santa Clara/Silicon Valley Power in California. Tasks included grading, storm drains, stormwater management, governmental permitting.

Professional Organizations & Affiliations:

Member ASCE
Member PMI

Professional Registrations:

Professional Engineer,
Maryland

Professional Engineer,
Pennsylvania

Software Proficiency:

AutoCAD

MicroStation

RELEVANT PROJECTS: (cont'd)

Xcel Energy, County Road 'B' Gas Main Installation, Technical Lead

Lead Civil Engineer for the environmental permitting of a new 16" gas distribution main in Minnesota. Provided design and permitting assistance through the local and state governmental approval for NPDES permitting, and local on-site post construction stormwater management.

Enbridge, L41 & L55 Exposed Gas Main Remediation, Technical Lead

Led team of civil engineers and wetland scientist through alternative analysis, remediation selection, and technical design for the stream mitigation of fourteen separate site to cover and protect an existing transmission main. Design included hydrology studies, stream hydraulics, stream relocation, armoring, and technical specification.

Exelon/Baltimore Gas & Electric (BGE), Manor Gate Station Replacement, Project Engineer

Civil Engineer responsible for site design and permitting on a gate station replacement in Baltimore County Maryland. Tasks included grading, sediment control, stormwater management, NPDES permitting, forest conservation, and septic design. Prepared and acquired all necessary permits, including the new buildings and the demolition of the existing gate station.

Exelon/BGE, Exposed Mains Remediation Program, Project Manager

Responsible for coordinating with BGE on a program to repair exposed gas services and mains. Project included 40 different exposed sites with gas lines ranging in size from 1-1/2 inch services to 26-inch transmission mains. Work included surveys, design, environmental permitting, and construction management. Project won BGE's 2012 Environmental Achievement Award.

Exelon/BGE, Granite Line Relocation, Project Engineer

Civil Engineer responsible for securing grading permit and sediment control approvals for the relocation of over 5,000 linear feet of a 26-inch gas transmission main through Baltimore County and Baltimore City. Work included construction sequencing, mapping potential utility conflicts, maintenance of traffic considerations, and general constructability issues.

Exelon/BGE, Tower 1053, Project Manager

Worked with project team for the replacement of an existing steel truss electric tower to a new steel pole. Coordinated site access issues, environmental constraints, soil borings, and foundation designs with various team members. Managed team communications, project scope changes, and monthly reporting as required.

RELEVANT PROJECTS: (cont'd)

Enbridge, Bernville Compressor Station Upgrade, Sr. Technical Lead

Professional Engineer for civil and environmental design for a site rebuild and expansion of an existing compressor station site. Team Leader for the design and permitting work included site grading, drainage, erosion & sediment control, NPDES permit applications, and post construction stormwater management design with 17.6 acres of site disturbance. Reviewed and issued submittals of all necessary permit applications, design calculations, and reports required for state and county permit approvals.

Enbridge, Shermans Dale Compressor Station Upgrade, Sr. Technical Lead

Professional Engineer for civil and environmental engineering design for a site rebuild and expansion of an existing compressor station site. Team Leader for the design and permitting work included site grading, drainage, erosion & sediment control, NPDES permit applications, and post construction stormwater management design with 30.1 acres of site disturbance. Reviewed and issued submittals of all necessary permit applications, design calculations, and reports required for state and county permit approvals.

Exelon/ BGE, Gas Area Replacement Program, Project Manager

Led design team on environmental permitting for numerous gas upgrade projects throughout the BGE service area and municipal jurisdictions. Performed surveys then prepared plans, calculations, applications, and waivers for erosion and sediment control and stormwater management required to construct the gas main and service upgrades

City Light & Power, Aberdeen Proving Grounds (APG), Harford County, Maryland

Led civil and environmental team to provided site survey, civil site grading, stormwater management, wetland delineation and preparation of Joint Permit Applications (JPA) for Tidal and Nontidal Impacts associated with construction of new electric power infrastructure at APG. Worked closely with military base environmental subject matter experts to maintain compliance with military, state, federal permitting procedures.

Town of North East, Road and Sidewalk Improvements, Town Engineer

Responsible for municipal improvement projects. Recent projects included \$1.4 million road and sidewalk rehabilitation program throughout the Town limits, 8" water main replacement through a six-block section of the downtown area, shore revetment design for the public park along the Chesapeake Bay, and storm drain repairs throughout the town. Work involves design, cost estimating, permitting, public bidding, construction monitoring, and as-built acceptance.

Exelon/BGE, Tower 287 & 288 Foundation Protection, Project Manager

Responsible for a grading, drainage, and protection improvements around

BGE electric transmission towers located along the Patapsco River and Interstate I-95. Secured grading permits, plan approvals, and access easements with multiple agencies involved. Designed drainage swales and foundation armoring to protect existing tower concrete foundations influenced by high stream flows during storm events.

Baltimore Gas & Electric, Right of Way Grading, Project Manager

Civil Engineer responsible for permitting work to improve drainage and correct sediment deposition for six lattice structures within flood prone areas. The project included site surveys, grading, drainage studies, concrete inspection, and site access. The work included full construction monitoring and support services during repair work. The project included Alternatives Analysis, Wetland Delineations, Detailed Site Grading & Drainage, Erosion & Sediment Control Plans, Army Corp of Engineers Permit Authorization

Baltimore Gas & Electric, Granite Substation Access Road

Civil Engineer responsible for permitting work to improve an existing access road and culverts. The project included alternative analysis, a sequencing plan to maintain access to the substation, hydrology studies, construction prints, and State level permitting and monitoring. The design and permitting work included site grading, stormwater management, restoration plans, construction inspection, and NPDES sediment control monitoring.

Resume Highlights

Engineering Design

Project Management

Operations Management

QA/QC

Years with EN Engineering: 5

Years of Experience: 35

Primary Office Location:

999 18th Street Suite 3000
Denver, CO 80202

Education:

Management Information Systems -
University of California, Los Angeles
Los Angeles, CA

Bachelor of Science in Psychology
and Biology -
California State University Northridge,
Los Angeles, CA

Awards:

- Los Angeles Business Journal, 2012 CIO Lifetime Achievement Award
- Public Technology Institute Award, Management Strategies
- Public Technology Institute Award, Telecommunications Strategies
- Helen Putnam Award, Innovative Government Services
- Public Technology Institute Award, Interactive On-line Services
- Los Angeles Consortium of Governments Award, Best Practices in Technology

OVERVIEW:

Jory joined Magellan after 22 years as CIO of the City of Santa Monica, where he launched Santa Monica City Wi-Fi, which provides free internet services to the public through a network of 32 hot zones and wireless coverage in most major commercial and transit corridors throughout the city. He created Santa Monica City Net, a 100-gigabit broadband initiative to support an environment for local businesses to compete in the global economy with innovative network solutions. Jory has over 35 years of experience in Information Technology, including broadband, FTTH and Smart City initiatives. Since joining Magellan Advisors in July 2016, Jory has led teams that have worked on 50+ government projects in broadband master planning, feasibility studies, wireless strategic planning, 5G small cell policies, dig once policies and smart city.

RELEVANT EXPERIENCE:

Implemented broadband systems that support innovation in government services and enables public service and community stakeholder institutions to improve community health, education, safety, and wellbeing.

Planned and managed the implementation of a new \$9.5 million P25 compliant trunked public safety radio system for first and second responders as part of the ICI regional interoperable system.

Planned and managed the City's centralized automated systems and related services, including personnel and equipment and provided strategic development and use of information technologies; overseeing design and implementation of new systems; coordinating citywide acquisition of software and hardware, including development and implementation of a long-range funding plan for maintenance and replacement of hardware; and managed operations and customer support functions for software applications, telecommunications systems and network systems and related technology services.

Established goals and policies in accordance with mission and service level objectives; prioritized and supervised the implementation of goals and objectives.

Managed the preparation and administration of operating and capital improvement budgets and recommended and approved technology budgets and expenditures for all departments.

Developed and implemented citywide long-range information systems strategies, which involved facilitating discussions with City management regarding current and anticipated information services requirements, applications development, enhancement requests and alternative approaches.

Resume Highlights

<i>Cultivating Internal & External Stakeholders</i>
<i>Project Management</i>
<i>Inducted into the Gamma Beta Sigma Business Honors Society</i>
<i>Recipient of the UNC Leadership Development Initiative Program curriculum and recognition</i>
<i>Federal Procurement Strategies</i>
<i>Risk Mitigation</i>
<i>Enterprise Strategy Execution</i>
<i>Data Analytics</i>
<i>Coalition Building</i>

Years of Experience: 15

Primary Office Location:

999 18th Street
Suite 3000
Denver, CO 80202

Education:

University of Colorado
Boulder, CO
Bachelor of Arts (BA), Military
History and Political Science

University of North Carolina
Kenan-Flagler Business
School
Chapel Hill, NC
(MBA); OneMBA Global
Business Strategy and Finance

OVERVIEW:

Experienced business executive with exceptional skills overseeing complex operations involving rural utility, broadband and precision ag projects in unserved communities and tribal areas. A rural infrastructure strategist with extensive industry, federal government and non-profit stakeholder relationships and regulatory/legislative expertise across the technology and electric utilities sector. A problem solver with a proven track record of initiating and delivering new market strategies and solutions that result in business growth and long-term profitability. Strong record of forging and developing strategic partnerships that lead to sustainable funding and client/customer loyalty.

EXPERIENCE:

ENTRUST Solutions Group **VP Rural Broadband Strategies**

Focused on rural broadband Deployment and government Services. Assists organizations in the development of strategic management/technical plans focusing on alignment of technology initiatives with that of the business units. Coordinate projects for clients to include the negotiation and provisioning of carrier services from major telecommunications and upstream providers.

Universal Service Administrative Company (USAC) **Senior Advisor, Strategic Partnerships**

Oversaw the implementation of the Lifeline National Eligibility Verifier function within the Lifeline program to verify the eligibility of all Lifeline subscribers; Supervised the execution over 50 interagency data sharing agreements and stakeholder partnerships with key data owners across all states, tribal nations and federal agencies to implement the National Eligibility Verifier; Led the Lifeline division's stakeholder engagement, industry relations and consumer outreach strategy across the entire telecom sector as well as across 50 state human service agency leaders and five federal agencies.

U.S. Department of Agriculture, Rural Utilities Service (RUS) **Deputy Administrator (Presidential Appointment)**

Managed a \$75 billion federal loan and grant portfolio that finances water and waste treatment systems, telecommunications and broadband networks, precision agriculture, electric utility, smart grid and renewable energy infrastructure projects in rural and tribal communities across 56 states and territories. Administered all federal stimulus program funding for RUS under the American Recovery and Reinvestment Act (ARRA) and implemented farm bill regulatory requirements to establish a tribal priority for broadband programs.

U.S. Department of Commerce, First Responder Network Authority (FirstNet)

Director, Rural Infrastructure and Grants Strategy (Presidential Appointment)

Established FirstNet's federal funding coordination strategy to align all federal agency program regulations and budgets governing federal and state grant programs to finance emergency communications, public safety radio equipment, devices and applications. managed a \$65 billion federal loan and grant portfolio that finances water and waste treatment systems, telecommunications and broadband networks, precision agriculture, electric utility, smart grid and renewable energy infrastructure projects in rural and tribal communities across 56 states and territories

Medley Global Advisors

Sr Director, Telecom, Media & Technology (TMT) Equity Research

Established an independent telecommunications and technology investment research franchise serving over 30 institutional investors and hedge funds with actionable research on the financial impact of State, federal regulatory and legislative policy risk

National Association of Regulatory Utility Commissioners (NARUC)

Legislative Director, Telecommunications and Consumer Affairs

Directed the Association's federal legislative advocacy and grassroots activities on telecommunications, consumer protection and water issues before Congress, federal agencies, the executive branch and state legislatures.

Resume Highlights

Engineering Design

Project Management

Operations Management

QA/QC

Years of Experience: 20

Primary Office Location:
San Ramon, CA

Education:

B.T>S Theological Studies
National Apostolic Bible
College
2012

Platform Literacy:

AutoCad -Map/Utility

ESRI – GIS

Osmose – O-Calc Pro

BLUEBEAM – Revu

Microsoft – Office

SAP

Oracle

OVERVIEW: Jason Hernandez has over 20 years of experience and progressive responsibility in overhead and underground distribution design. His qualifications include extensive hands-on planning, field investigation and construction management, design, permitting, cost estimating, project management and quality control. Jason's background includes extensive service to public and private-sector clientele. He currently serves in the capacity of Technical Lead of Electric Programs to support various projects throughout the Western Region. Jason has gained experience at the Imperial Irrigation District, City of Palo Alto, TRC, BCF Engineering, and through collaboration with his clients at PGE, SDGE and the IID.

RELEVANT PROJECTS:

Lead Senior Designer/QAQC, Cordoba Corp; Client: Pacific Gas & Electric New Business, Various Locations, CA

Jason served as a program Subject Matter Expert. His unique skillset allowed him to be utilized in various forms to meet the clients' needs. He led the effort to train and assimilate 20 designers into the PGE environment. In addition to having experience as a Team Lead, Jason performed QAQC reviews of New Business Program 161/162. He assured engineering materials and practices met project deliverables. Jason also prepared Construction Estimates for PGE's New Business Program 161/162. Estimates include Construction Design, composing a Bill of Material and Labor. Jason identified conflicts with field conditions and obtains client approval for changes needed to improve the distribution system.

Lead Senior Designer/QAQC, Cordoba Corp; Client: San Diego Gas & Electric Electrical System Hardening (ESH), San Diego, CA

In addition to being the ESH Team Lead, Jason performed QAQC reviews of ESH Design / Construction and True-Up Packages within SDGE territory. He assured documents were complete and met the project scope and associated engineering data. He applied SDGE standards and CPUC G.O. 95 requirements to confirm that design & construction methods were in accordance with constructability and safety. He was a Team Lead over (4) junior designers and performed final checks to ensure their completeness and consistency.

Lead Senior Designer/QAQC, TRC Solutions; Client: Imperial Irrigation District, New Business/Capital Projects, Imperial/Coachella Valley

As Lead Senior Designer, Jason met with IID Service Planners to discuss New Business applicants and determined service requirements. Jason led a team of (6) designers who designed Overhead and Underground Line extensions, composed Bill of Materials, and various forms of construction documents. In addition, Jason worked with local jurisdictions to acquire proper permitting.

Senior Distribution Designer, TRC Solutions; Pacific Gas & Electric, 08W Overhead to Underground Conversion, Various Locations in CA

Jason served as an integral element in completing projects centered around overhead to underground conversions. He performed structural analysis and pole design using O'Calc Pro. He produced material estimates, construction sketches using GIS and AutoCAD. Further, he performed electrical calculations, and permitting including joint pole coordination, City, County, environmental, vegetation management, FFA, and traffic control plans. Jason aided in creation of team documents, templates, and training Junior Designers.

Senior Distribution Designer, TRC Solutions; Client: Pacific Gas & Electric, Pre-Installed Interconnection Hubs (PIH), Various Locations in CA

With Jason's background in substation get-away systems, he proved to be instrumental in completing design work surrounding "Temporary Distribution Microgrids." He designed underground systems for "Generation, and Distribution," and performed structural analysis and pole design using O'Calc Pro. He produced material estimates, construction sketches using GIS and AutoCAD. He performed electrical calculations, and permitting including joint pole coordination, City, County, environmental, vegetation management, FFA, and traffic control plans. Jason aided in creation of team documents and templates.

Senior Distribution Designer, Blair Church and Flynn Engineers; Client: Pacific Gas & Electric, Paradise Valley Rebuild, Paradise Valley, CA

As Senior Designer, Jason met with PGE ADEs and Project Owners to discuss new underground system layouts and determined paths to service. He performed and coordinated site visits, and job walks. His vast experience in underground design was key to completing high volumes of design work. He designed Underground Line extensions, composed Bill of Materials, and various forms of construction documents. In addition, he performed structural analysis, and design using O'Calc Pro, performed electrical calculations, and proved as a vital team member in creating team documentation, templates and training.

Senior Distribution Designer, TRC Solutions; Client: Pacific Gas & Electric, California High Speed Rail, Fresno, CA

As Senior Designer, Jason met with State Contractors and Project Owners to discuss new Underground system layouts and determined paths to service. Jason performed and coordinated site visits, and job walks. His vast experience in Overhead and Underground design was key to completing high volumes of design work. He designed Overhead and Underground Systems, and Line extensions. He composed Bill of Materials, and various forms of construction documents. In addition, he performed structural analysis, and design using O'Calc Pro, performed electrical calculations, and proved as a vital team member in creating team documentation, standard use of material, templates and training.

Utility Engineering Estimator; City of Palo Alto, Palo Alto, CA
Distribution Estimator; Imperial Irrigation District, La Quinta, CA

During his time, Mr. Hernandez participated in a Capital Projects Design team that oversaw the design of eight Substation Getaway Systems, a 2000 Pole Replacement Project, and Five Grade Separation projects. As an Estimator, Jason met with New Business Applicants and Utility Engineers to discuss new Overhead, and Underground system layouts and determined paths to service. Jason performed and coordinated site visits and job walks. His vast experience in customer relations and distribution design was key to completing high volumes of design work.

Resume Highlights

Leadership

Project Management

Contract Review

Communication

Years of Experience: 17

Primary Office Location:

Education:

BS, Organizational Leadership,
University of LaVerne

Technical Degree, Satellite
Communications, GTE Tech
Residence School Ft. Gordon,
GA (US Army)

Platform Literacy:

Microsoft Office Suite

Microsoft Project

Lotus Notes

Visio

OVERVIEW:

Michael Cole Fuller is an accomplished project management professional with more than 16 years' experience in planning, design and strategic development within the electric utility industry.

RELEVANT PROJECTS:

EVgo - Director Grid Integration

- Track the development pipeline of projects with Development Engineering and ensure the right projects are being assessed by the utilities.
- Oversee the pipeline of hundreds of projects with the utilities across the US, ensure the teams are focused on the right priorities for pushing projects forward.
- Manage utility relations to optimize operations and best practices.
- Be a thought leader in the industry for how EV charging can be more efficiently implemented by utilities.
- Establish a working relationship with executives at the utility companies to shepherd the right attention on EVgo projects.
- Define, standardize, and refine an EV charging protocol for working with all utilities.
- Partner internally with various stakeholders to establish streamlined support processes.
- Sift through large amounts of data and make meaningful presentations on execution strategies.
- Strategize cross functionally and key hires to grow the utility integration function in EVgo.
- Innovate with policy and utilities to accelerate charging adoption.

SDG&E - Project Planning Supervisor

Segment 3 DCM

Project Manager II

Segment 3 DCM

Nexia

Project Manager-Contractor

SDG&E - Segment 3 DCM

Doty Brothers - Planning Manager

- Create and structure Engineering and Utility Planning/Design Group
- Business Development for new department
- Establish HR processes and policies for new department
- Recruit and train new staff
- Establish and maintain relationships with prime contractors
- Implement comprehensive tracking processes for QA/QC
- Create and implement training programs for each job classification
- Oversee all capital projects in both Civil construction & Planning departments to ensure contracts are being followed & budgets are met.

- Provide Overhead & Underground Electric Utility infrastructure designs for multiple utilities. Oversee and collaborate with staff and client to ensure that proper design, drafting, and installation standards are met on all projects along with timetables and budget.

Outsource UCC - Planning Manager/Operations Manager Civil Construction

GSW Integrated Services - Regional Manager

Manage Regional Accounts for High Voltage line construction. Consulting & applicant design projects.

Southern California Edison - Operations and Performance Supervisor

Manage field supervisors and production specialists to craft employees who are engaged in the daily activities of constructing, maintaining, and restoring Southern California Edison's electrical distribution system.

- Strategically negotiate terms of collective bargaining agreements and manage expectations to ensure that all parties (Union and Edison management) are pleased with the outcome and feel successful in the given terms.
 - o Oversee 50-75 union employees through IBEW International Brotherhood of Electrical Workers, Local 47 Union Hall, handling staffing and labor negotiations.
- Created and implemented individual development plans for E Crew upgrade foremen, production specialists, and field supervisors, doubling staffing from three E Crews to six within one year.
- Developed a comprehensive planning, execution, and resource plan for Whittier district.
 - o Reduced safety incidents by 41% from 12 incidents in 2015, to seven incidents in 2016.
 - o Reduced number of cancelled or rescheduled projects from 21% to 6% by October 2016.
- Implemented and oversaw a work mix change focusing on the Whittier district as a capitol driven work mix by allowing employees to focus on installing and maintaining the grid with minimum distractions.
- Designed and executed a shut-down day which allowed for training employees on updated rules/regulations.
- Storm/Emergency Response Lead District & Region Wide AOR

Interim Performance and Resource Supervisor

Maintained performance management tools to drive productivity, cost efficiency, and customer satisfaction.

- Tracked scorecard results and developed performance improvement initiatives.
- Assisted district management team in creating and implementing a comprehensive district business plan.
 - o Created a district work tracker to facilitate a one stop shop for information on scheduled work.

- Coordinated and facilitated cross departmental meetings to establish and improve processes to assist in completing work with a team (district) approach for efficiency and accuracy.
- Successfully staffed district to enable the removal of all T&E crews for day-to-day work.
- Outsourced new business, CHO work to allow insourcing of high value commodities and craft type work.
- Storm/Emergency Response Lead District & Region Wide AOR

Planning Supervisor (South Bay Service Center)

Provided future load projections to various departments, supporting and monitoring the implementation of new work processes including proactive scheduling of design tasks, while meeting ongoing project demands.

- Involved in “contractor” bid process/job walk to ensure accuracy of bid and overall budget for project.
- Created and implemented in-box approach for work mix, working closely with DPP project group along with Chino Training to create an effective curriculum and schedule for companywide implementation of new roles.
- Led district wide facility remodel, collaborating with facilities, contract construction crews, field accounting, planning, and grid ops personnel to minimize impact of remodel on productivity and safety.
- Reviewed and approved field change orders during construction as it applied to design changes and additions.
- Storm/Emergency Response Lead District & Region Wide AOR
- Damage Assessment Lead Hurricane Sandy Mutual Assistance Deployment

Upgrade Supervisor (Dominguez Hills/South Bay Districts)

- Successfully managed, trained, and hired over 15 direct reports and met project completion dates.
- Maintained perfect safety record for Shuttle Project, which finished within 1.25% of \$1.4 million budget.
- Created and oversaw monthly P2 meetings and department wide training for all planning employees. o Maintained productivity and deadlines with minimum impact to staff, resulting in better customer service and enhanced quality of work orders from South Bay planning department.
- Lead distribution planner for Space Shuttle Endeavour Move Project. o Incident commander for mobile command center during shuttle move, directly supervising over 350 Edison and contract crews during the duration of the move.
- Created project plans and timelines in compliance with company policies, procedures, rules, and rates.
- Utilized Microsoft Office Suite, Microsoft Project, Lotus Notes, and Visio to facilitate meetings, timelines, and presentations.
- Storm/Emergency Response Lead District & Region Wide AOR

Service Planner 2 (Tehachapi District)

Managed commercial contract for contract crews, supervising 27 direct reports on an upgrade and duty supervisor basis, providing input on discipline, progressive management, and PDP completion.

- Redesigned and executed overhead line extension for station light and power at Windhub Substation. o Resulted in cost savings of over \$40,000, (removing the need for land acquisition) allowing Edison to finish on time and under budget with zero safety incidents.
- Served as Edison's representative to City of Tehachapi along with Kern County.
- Led successful rebuild of both corporate and local relationships with Kern County and City of Tehachapi, partnering with local public affairs to effectively enhance several developmental processes to provide quality customer service to Tehachapi district customers and government agencies.
- Led the Sand Canyon line acquisition project, working with field engineering and acquisitions department for appraisal, design, and procurement of three-mile section of Keene 12kv overhead distribution circuit.

Service Planner Development Program Instructor

Consulted and managed reformatting of entire curriculum and converted to a paperless training environment.

- Updated curriculum content to reflect industry and company standards and implemented Adobe Standard. o This allowed current and future students to modify, annotate, and update curriculum.
- o Resulted in over \$20,000 savings per class in paper reduction along with other related costs.
- Developed a short- and long-range plan to ensure successful completion of SPDP program.

Service Planner (Covina District)

Consulted and provided strategic recommendations to large commercial/industrial customers about design, location, cost, and viability of electrical systems.

- Supported and assisted service planners with design, spotting optimal location of electrical panels.
- Identified resources and provided cost estimates for the options of new construction of distribution facilities.
- Ensured that regulatory requirements of the company's electrical distribution system were updated.

Resume Highlights

Project Management

Data Analysis

Leadership

QA/QC

Years of Experience: 8

Primary Office Location:
San Ramon, CA

Education:
B.S. Psychology
University of Massachusetts,
Amherst

Platform Literacy:

- QA/QC
- PM Platforms
- Data Analysis
- Scheduling/Planning
- Vendor Management

OVERVIEW:

Mara Duca is a PMI-certified Project Manager with extensive experience in managing large-scale projects. With a proven track record in vendor management, scheduling and cross-functional team coordination, she ensures alignment with business objectives and enhances process delivery.

RELEVANT PROJECTS:

Entrust Solutions Group – San Ramon, CA – 2024 to Present

Project Manager– Electrical Utilities

Manage relationships with vendors to ensure alignment with project objectives and contract compliance. Track project schedules, budgets, and billing milestones to ensure timely completion of deliverables. Coordinate cross-functional teams, aligning project objectives with business goals and overseeing process improvements. Utilize project management tools such as Excel, Smartsheet, and Power BI for tracking KPIs.

San Diego Gas & Electric – San Diego, CA – 2023 – 2024

Project Manager

Managed vendor relationships to ensure timely service delivery and contract compliance. Tracked project schedules and budgets, ensuring accurate financial reporting throughout the project lifecycle. Collaborated within the Major Projects team to enhance processes and develop project plans. Communicated with stakeholders to gather requirements and guide project close-out procedures.

Project Experience – VPP Certification Program, SharePoint Relaunch initiative, Grid Modernization Projects (interconnection, loop-in, electrification, tie line rearrangement, pole replacement)

Elligo Health Research – Boston, MA – 2019 – 2022

Project Manager

Developed company processes for onboarding and workflow documentation using Monday.com and Microsoft Office. Optimized the SharePoint platform to enhance information sharing and collaboration. Led consolidation efforts during a company merger, streamlining software and data management. Coordinated office expansions and office moves.

Project Experience – Office Expansion, Office Relocation, HRIS Launch, LMS Launch, Project Management Platform Launch, Training & Onboarding System Buildout, KPI System Buildout, Inventory Management System Buildout, RFI Management System Creation & Maintenance

Work, Inc. – Dorchester, MA – 2017 – 2019

Operations Coordinator

Prepared and implemented program goals and service plans for clients. Maintained positive relationships with clients and service providers. Assisted clients in obtaining appropriate healthcare services and tracking progress.

Resume Highlights

Single Pole Replacement

Team Communication Skills

AutoCAD

07D Projects

Years of Experience: 2

Primary Office Location:
San Ramon, CA

Education:
CSN

Platform Literacy:

- Auto Cad
- ED GIS Web Viewer
- SAP logon
- Ocalcs
- JPA

OVERVIEW:

Jerald Sanchez works as a Design Technician is currently working on 07D projects, The design experience accumulated from previous employers has allowed him to apply his knowledge to the wide range of work today.

RELEVANT PROJECTS:

PGE–07D projects. / Supervisor

Work consists of Single pole replacement estimating. Using fielded documents to identify required pole and or equipment replacements. Providing a new Ocalcs, EES, JPA Intent and sketch for ADE review Managed and oversaw the team I was responsible for. Reviewed and approved timesheets. Oversaw designer's projects to ensure that their projects were delivered with quality and on time.

ENtrust

San Ramon, CA October 2021 – Present

Sr Design Technician: Works in the 07D single pole replacement workstream. Designs distribution poles for replacement. Using fielded documents to identify required pole and or equipment replacements. Providing a new Ocalcs, EES, JPA Intent and sketch for ADE review.

The Jewelers Of Las Vegas

Las Vegas, NV May 2015 – March 2020

Jewelry Cad Designer: Created Customer cad designs with realistic renders. Used a 5 axis/3dprinter cnc mill to produce a wax to be invested into various metals and gold. Collaborated with jewelers and customers to resolve planning and construction issues projects. Received and reviewed details from design professionals to determine precise measurements for drawing preparation. Created schematic renderings in computer aided software to produce 2d and 3d models.

The Jewelers Of Las Vegas

Las Vegas, NV September 2006– May 2015

Sales Associate: Sold high end luxurious jewelry and watches to clientele, knowledge on technical aspects of luxurious watches. Worked in casinos such as The Palms, The Venetian, The Palazzo, Hard Rock, And The Red Rock Hotel for the same company.

Resume Highlights

Engineering Design

Project Management

QA/QC

Years of Experience: 6

Primary Office Location:
San Ramon, California

Education:

Central Piedmont Community College

- Associate of Applied Science in Computer Engineering
- Industrial Specialist in PLC Technology Certificate
- Mechatronics Engineering Technology Certificate
- Electrical Engineering Technology Certificate

Skills:

- Project Management
- Software Proficiency: OCalc, Electric Estimating System, Joint Pole Application, Microsoft Suite, Adobe Suite, AcroPlot
- Analytical and Organized
- Leadership and Collaboration
- Risk Management
- Time Management
- Quality Control
- Continuous Learner

OVERVIEW:

With six years of professional experience, Vanny brings a high level of self-motivation and dedication to her work. Vanny possesses two years in engineering designs, and four years of expertise in quality control, leadership, and project management. As a collaborative team player, she excels in leading teams and ensuring the delivery of the highest quality standards to clients. Vanny is committed to continuous learning and growth within the company to drive business success.

RELEVANT EXPERIENCE:

ENTRUST Solutions Group, Project Lead

Pacific Gas & Electric (July 2019 – Present)

(07D Single Pole Replacement and New Business Project)

- Executed high-quality engineering designs, ensuring alignment with client specifications and industry standards.
- Managed project lifecycles from planning and scheduling to budgeting and resource allocation, ensuring timely and successful delivery.
- Developed and implemented quality control processes to maintain high standards and reduce defects.
- Collaborated with design engineers to create solutions that enhanced system functionality and performance.
- Conducted regular project reviews and risk assessments, identifying potential issues and implementing corrective actions promptly.
- Utilized project management tools such as Microsoft Suite to track progress and communicate effectively with stakeholders.
- Provided leadership and mentorship to team members, fostering a collaborative and productive work environment.
- Ensured final project delivery met all regulations and standards, maintaining the highest levels of safety and quality.
- Facilitated client meetings to present project updates, gather feedback, and ensure client needs were met.

ENTRUST Solutions Group, Sr. Design Technician

Duke Energy (March 2018 – June 2019)

(Pole Replacement and Reconductoring Project)

- Led the recloser replacement team in 2019, overseeing a team of 5-7 designers with diverse skill levels and backgrounds.
- Managed workload effectively, ensuring timely submission of projects by the team.
- Gained extensive experience in various projects, including recloser replacement, overhead (OH) transformer replacement, pole replacement, fuse replacement, and OH reconductoring.
- Demonstrated a strong understanding of Duke standards.

- Proficient in client software such as Poleforeman, BOUD/Microstation, Smallworld, and MAXIMO.
- Conducted pole surveys and assisted the TX retrofits team with fielding, achieving a record of 200 poles fielded in a suburban area in a single day with a two-person team.

Resume Highlights

Evaluating Design Proposals

Leadership Skills

Communication Skills

Years of Experience: 8

Primary Office Location:
San Ramon, CA

Education:

M.S. Mechanical Engineering,
Purdue School of Engineering &
Technology, IUPUI

B.S. Mechanical Engineering,
Purdue School of Engineering &
Technology, IUPUI

Platform Literacy:

- C++
- MATLAB
- LabVIEW
- ABAQUS
- SolidWorks
- ANSYS 16.0
- Microsoft Office
- AutoCAD
- O-Calc Pro

OVERVIEW:

Gurkarn Sandhu is a skilled mechanical engineer who evaluates design proposals and is dedicated to leadership and communication. He is a quality control lead frequently communicating with clients to ensure designs are up to date, and continually creates and processes design guidelines.

RELEVANT PROJECTS:

Entrust Solutions Group

Mar 2019-Present

Sr. Design Engineer

- Evaluating engineering design proposals for work to be completed on the client's existing utilities.
- Mentoring and providing direction with technical information from client to ensure satisfactory designs.
- Communicating with the external and internal quality control team to stay updated on design procedures.
- Exercising leadership and project management skills to ensure projects are completed on time.

PG&E 07D Workstream / PG&E NB Workstream / Duke Energy

- Creating pole loading calcs, bill of estimates and 2D sketches.
- Mentoring individuals on project design, performing internal reviews to make sure projects were ready to provide to clients



RFP Title:		Engineering Services For Eastfield Drive Fire Prevention Power Line Undergrounding Project
RFP #:		#DR4382-PJ0177
Contractor Name:		EN Engineering, LLC
Contractor Contact:		Jamie Jones
Contractor Contact Phone Number:		925-324-3845
Contractor Contact Email Address		jamie.jones@entrustsol.com

		Hours					
Task	Description	Sr. Project Manager	Project Manager	Sr. Technical Lead	Sr. Design Engineer	Design Engineer	Sr. DS Technician
		Rate: \$189.52/hr	Rate: \$134.93/hr	Rate: \$159.65/hr	Rate: \$113.30/hr	Rate: \$88.58/hr	Rate: \$70.04/hr
Project Administration & Meetings	Project Schedule Development	8	8				
Project Administration & Meetings	Utility Coordination	12	12				
Project Administration & Meetings	Coordination with Residents	16	16				
Project Administration & Meetings	Meeting Coordination	8	8				
Project Administration & Meetings	City Meetings	16	16				
Construction Plans/Documents	Research information/plans provided, conduct surveys as needed, and prepare necessary base map for engineering design as necessary			30	80		50
Construction Plans/Documents	Prepare plans, diagrams, and specifications to support panel relocations as needed to include in the construction bid package.			30	80		50
Construction Plans/Documents	Submit design plans at 100% & 100% (Final, as needed)			20	60		40
Prepare Project Specifications	Prepare Project Specifications to support the construction documents prepared by SCE and telecommunication companies.	40	10	60		50	50
Cost Estimates	Construction Estimate: Prepare an engineer's construction estimate for the designed Project at the 100% and 100% (Final, as needed) submittal(s).	10	5	24		75	75
Bid Support	Assist the City in preparation of the project Bid Package (City has standard bid package document) and prepare Bid	5	30	10			15
Bid Support	Schedule based on Cost Estimate in Task 4. Provide responses to questions received during the bid phase as needed.	10	40	10		15	15
Bid Support	Assist the City in compiling data on bids received and assist the city in reviewing bids for responsiveness as requested.	10	30	10			15
Construction Support Services	Attend a pre-construction meeting and provide clarification of contract documents as needed.	20	20				
Construction Support Services	Assist the City with Request for Information responses.	20	20				
Construction Support Services	Provide review of the Contractor's submittals for conformance with the contract documents.	40	-				
Construction Support Services	Provide as-built drawings clouded and noted in the revision block using the Contractor's record red lines	8	8				80
TOTAL HOURS		223	223	194	220	140	390
TOTAL COST		42,262.96	30,089.39	30,972.10	24,926.0	12,401.20	27,315.60

Travel		Total Hotel Cost	Total Rental Car cost	Total Daily Meals Cost	
Project Administration & Meetings	In Person Meetings	\$ 1,200.00	\$ 50.00	\$ 600.00	\$ 1,850.00
					TOTAL COST: 169,817.25

CITY OF ROLLING HILLS **PROFESSIONAL SERVICES AGREEMENT**

THIS AGREEMENT made and entered into this 10th day of December, 2024 between the City of Rolling Hills, a municipal corporation, hereinafter referred to as "CITY" and Ampirical Services Inc. with principal offices at 5471 Kearny Villa Road, Ste. 110, San Diego, CA 92123, hereinafter referred to as "CONSULTANT".

1. RECITALS:

A. The CITY desires to contract the CONSULTANT for engineering services for preparation of supporting construction documents to underground existing overhead utilities from 21 Eastfield Drive to 45 Eastfield Drive including an extension into Chuckwagon Road.

B. CONSULTANT is well qualified by reason of education and experience to perform such services; and

C. CONSULTANT is willing to render such engineering services preparing construction documents to underground existing utilities as hereinafter defined.

Now, therefore, for and in consideration of the mutual covenants and conditions herein contained, CITY hereby engages CONSULTANT and CONSULTANT agrees to perform the services set forth in this AGREEMENT.

2. SCOPE OF WORK

CONSULTANT shall perform all work necessary to complete in a manner satisfactory to CITY the services set forth in the specifications and the scope of work described in Section 2.0 Scope of Services in the REQUEST FOR PROPOSALS ENGINEERING SERVICES EASTFIELD DRIVE FIRE PREVENTION POWER LINE UNDERGROUNDING PROJECT FUNDED BY FEMA Hazard Mitigation Program #DR4382-PJ0177. Attached herein as Exhibit A (referred to as "SERVICES").

3. COST

The CITY agrees to pay CONSULTANT for all the work or any part of the work performed under this AGREEMENT at the rates and in the manner established in the attached Cost of Services, attached herein as Exhibit B.

Total contract shall not exceed the sum of one hundred and seventeen thousand, eight hundred and ninety-nine dollars (\$117,899.00). This fee includes all expenses, consisting of all local travel, attendance at meetings, printing and submission of any plans or any other documents required by the Scope of Work. It also includes any escalation or inflation factors anticipated.

Any increase in contract amount or scope shall be approved by expressed written amendment executed by the CITY and CONSULTANT.

4. METHOD OF PAYMENT

CONSULTANT shall be reimbursed within 30 (thirty) days of submitting an invoice to City for the SERVICES. CONSULTANT shall submit an invoice for the SERVICES within 10 (ten) days of completing each task or portion thereof identified in Exhibit A to this AGREEMENT. CONSULTANT shall submit invoices electronically to the City Manager of the CITY and shall also provide a courtesy copy by U.S. Mail addressed to the City Manager of the CITY.

5. SUBCONTRACTING

CONSULTANT may employ qualified independent subcontractor(s) to assist CONSULTANT in the performance of SERVICES with CITY's prior written approval.

6. COMMENCEMENT OF WORK

CONSULTANT shall commence work under this AGREEMENT upon execution of this AGREEMENT.

7. PERFORMANCE TO SATISFACTION OF CITY

CONSULTANT agrees to perform all work to the reasonable satisfaction of CITY and within the time hereinafter specified.

8. COMPLIANCE WITH LAW

All SERVICES rendered hereunder shall be provided in accordance with the requirements of relevant local, State and Federal Law.

(A). Federal Requirements

FEMA financial assistance will be used to fund all or a portion of this contract. The CONSULTANT shall comply with all federal requirements including, but not limited to, the following:

- (i). 2 C.F.R. Part 200 – Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, which is expressly incorporated herein by reference.
- (ii). Federal Contract Provisions attached hereto as Exhibit C and incorporated herein by reference.

Subcontracts, if any, shall contain a provision making them subject to all of

the provisions stipulated in the contract, including but not limited to, 2 C.F.R. Part 200 and the Federal Contract Provisions.

With respect to any conflict between such federal requirements and the terms of this contract and/or the provisions of state law and except as otherwise required under federal law or regulation, the more stringent requirement shall control.

9. ACCOUNTING RECORDS

CONSULTANT must maintain accounting records and other evidence pertaining to costs incurred which records and documents shall be kept available at the CONSULTANT's office during the contract period and thereafter for five years from the date of final payment.

10. OWNERSHIP OF DATA

All material, including information developed on computer(s), which shall include, but not be limited to, data, sketches, tracings, drawings, plans, diagrams, quantities, estimates, specifications, proposals, tests, maps, calculations, photographs, reports, and other material developed, collected or prepared or caused to be prepared under this AGREEMENT (all such materials "Consultant Documents") are instruments of service with respect to the services rendered by CONSULTANT under this AGREEMENT. CONSULTANT shall retain an ownership and property interest therein (including the right of reuse at the discretion of the CONSULTANT) whether or not the services or project is completed. Copies of Consultant Documents that may be relied upon by City are limited to the printed copies (also known as hard copies) that are signed or sealed by the Consultant. Files in electronic media format of text, data, graphics, or of other types that are furnished by Consultant to City are only for use by the City in any project construction activities. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. The City may retain and use copies thereof for purposes of reference or for fulfilling its obligations under this AGREEMENT only. Such Consultant Documents are not intended or represented to be suitable for reuse by City or others on extensions of a project or on any other project beyond the project covered by this AGREEMENT. Any such reuse or modification without written verification or adaptation by CONSULTANT, as appropriate for the specific purpose intended, will be at City's sole risk and without liability or legal exposure to CONSULTANT.

11. TERM OF CONTRACT

The term of this Agreement shall be from December 10, 2024 to December 31, 2025, unless earlier terminated as provided herein. The Parties may, by mutual, written consent, extend the term of this Agreement if necessary to complete the Project. Consultant shall perform its services in a prompt and timely manner within the term of this Agreement and shall commence performance upon notice from the City.

12. SUSPENSION AND TERMINATION

12.1. Suspension by Consultant: Consultant may, after giving seven (7) days written notice to City, suspend services under this Agreement if City has failed to pay Consultant for undisputed invoiced services and expenses, as set forth in Article 3 and Article 4.

12.2. Termination: The obligation to provide further services under this Agreement may be terminated:

12.2.1. For cause:

a. By either party upon thirty (30) days written notice in the event of substantial failure by the other party to perform in accordance with the terms of this Agreement through no fault of the terminating party.

b. By Consultant:

1) upon seven (7) days written notice if City demands that Consultant furnish or perform services contrary to Consultant's responsibilities as a licensed professional;

2) upon seven (7) days written notice if Consultant's services are delayed or suspended for more than ninety (90) days for reasons beyond Consultant's control.

c. Notwithstanding the foregoing, this Agreement will not terminate under Section 12.2.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but not exceed, 60 days after the date of receipt of the notice.

12.3. For convenience: This contract may be terminated by either party with or without cause upon thirty (30) days written notice to the other party.

12.4. Effective Date of Termination: The terminating party may set the effective date of termination at a time up to 30 days later than otherwise provided to allow Consultant to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.

12.5. Payments Upon Termination: In the event of any termination under Section 12.2, and subject to the payment terms of Article 3 and Article 4, Consultant will be entitled to invoice City and to receive payment due and owing for all services performed or furnished in accordance with this Agreement, that have either been accepted by City or are otherwise not in dispute, as well as all reimbursable expenses incurred through the effective date of termination. Upon making such payments, City shall have the limited right to the use of Consultant Documents, subject to the provisions of Section 10.

13. ASSIGNABILITY

CONSULTANT shall not assign or transfer interest in this contract without the prior written consent of the CITY.

14. AMENDMENT

It is mutually understood and agreed that no alteration or variation of the terms of this contract, or any subcontract requiring the approval of the CITY, shall be valid unless made in writing, signed by the parties hereto, and approved by all necessary parties.

15. NON-SOLICITATION CLAUSE

The CONSULTANT warrants that he or she has not employed or retained any company or persons, other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this contract. For breach or violation of this warranty, the CITY shall have the right to annul this contract without liability, or, in its discretion to deduct from the contract price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

16. INDEMNITY

CONSULTANT shall indemnify and save harmless CITY, its elected and appointed officers and employees from all claims, damages, suits, cost or actions of every name, kind or description, brought for, or on account of, (i) injuries to or death of any person, (ii) damage to property in any manner that arises from CONSULTANT'S performance of this AGREEMENT and results from the negligence or intentional misconduct of CONSULTANT, its officers, agents, employees and/or servants

CITY shall indemnify and save harmless CONSULTANT, its officers, agents, employees, and servants from all claims, damages, suits, costs or actions of every name, kind, or description, brought for, or on account of, (i) injuries to or death of any person, or (ii) damage to property in any manner that arises from CITY'S performance of this AGREEMENT and results from the negligence or intentional misconduct of the

CITY, its officers, agents, employees, and/or servants in connection with this AGREEMENT.

If CONSULTANT should subcontract all or any portion of the SERVICES to be performed under this AGREEMENT, CONSULTANT shall require each subcontractor to indemnify, hold harmless and defend CITY and each of its officers, officials, employees, agents and volunteers in accordance with the term of the preceding paragraph. This Article 16 shall survive termination or expiration of this AGREEMENT.

17. INSURANCE

A. Without limiting CONSULTANT'S obligations arising under paragraph 16 - Indemnity, CONSULTANT shall not begin work under this AGREEMENT until it obtains policies of insurance required under this section. The insurance shall cover CONSULTANT, its agents, representatives and employees in connection with the performance of work under this AGREEMENT, and shall be maintained throughout the term of this AGREEMENT. Insurance coverage shall be as follows:

i. Automobile Liability Insurance with minimum coverage of \$300,000 for property damage, \$300,000 for injury to one person/single occurrence, and \$300,000 for injury to more than one person/single occurrence.

ii. Public Liability and Property Damage Insurance, insuring CITY its elected and appointed officers and employees from claims for damages for personal injury, including death, as well as from claims for property damage which may arise from CONSULTANT'S actions under this AGREEMENT, whether or not done by CONSULTANT or anyone directly or indirectly employed by CONSULTANT. Such insurance shall have a combined single limit of not less than \$500,000.

i. Worker's Compensation Insurance for all CONSULTANT'S employees to the extent required by the State of California. CONSULTANT shall require all subcontractors who are hired by CONSULTANT to perform the SERVICES and who have employees to similarly obtain Worker's Compensation Insurance for all of the subcontractor's employees.

ii. Professional Liability Insurance for CONSULTANT that at a minimum covers professional misconduct or lack of the requisite skill required for the performances of SERVICES in an amount of not less than \$500,000 per occurrence.

B. Deductibles for policies referred to in subparagraphs A (i) (ii) and (iii) are the sole responsibility of the CONSULTANT.

C. Additional Insured. City, its elected and appointed officers and employees shall be named as additional insured on policies referred to in subparagraphs A (i) and (ii).

D. Primary Insurance. The insurance required in paragraphs A (i) and (ii) shall be primary and not excess coverage.

E. Evidence of Insurance. Consultant shall furnish CITY, prior to the execution of this AGREEMENT, satisfactory evidence of the insurance required, issued by an insurer authorized to do business in California, and an endorsement to each such policy of insurance evidencing that each carrier is required to give CITY at least 30 days prior written notice of the cancellation of any policy during the effective period of the AGREEMENT. All required insurance policies are subject to approval of the City Attorney. Failure on the part of CONSULTANT to procure or maintain said insurance in full force and effect shall constitute a material breach of this AGREEMENT or procure or renew such insurance, and pay any premiums therefore at CONSULTANT'S expense.

18. ENFORCEMENT OF AGREEMENT

In the event that legal action is commenced to enforce or declare the rights created under this AGREEMENT, the prevailing party shall be entitled to an award of costs and reasonable attorney's fees in the amount to be determined by the court.

19. CONFLICTS OF INTEREST

No member of the governing body of the CITY and no other officer, employee, or agent of the CITY who exercises any functions or responsibilities in connection with the planning and carrying out of the program, shall have any personal financial interest, direct or indirect, in this AGREEMENT; and the CONSULTANT further covenants that in the performance of this AGREEMENT, no person having any such interest shall be employed.

20. INDEPENDENT CONTRACTOR

The CONSULTANT is and shall at all times remain as to the CITY a wholly independent contractor. Neither the CITY nor any of its agents shall have control over the conduct of the CONSULTANT or any of the CONSULTANT's employees or subcontractors, except as herein set forth. The CONSULTANT shall not at any time or in any manner represent that it or any of its agents or employees are in any manner agents or employees of the CITY.

21. ENTIRE AGREEMENT OF THE PARTIES

This AGREEMENT supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the employment of CONSULTANT by CITY and contains all the covenants and agreements between the parties with respect such employment in any manner whatsoever. Each party to this AGREEMENT acknowledges that no representations, inducements, promises or agreements, orally or otherwise, have been made by any party, or anyone acting on behalf of any party, which

are not embodied herein, and that no other agreement or amendment hereto shall be effective unless executed in writing and signed by both CITY and CONSULTANT.

22. NOTICES.

All written notices required by, or related to this AGREEMENT shall be sent by Certified Mail, Return Receipt Requested, postage prepaid and addressed as listed below. Neither party to this AGREEMENT shall refuse to accept such mail; the parties to this AGREEMENT shall promptly inform the other party of any change of address. All notices required by this AGREEMENT are effective on the day of receipt, unless otherwise indicated herein. The mailing address of each party to this AGREEMENT is as follows:

CITY: Karina Bañales, City Manager
City of Rolling Hills
2 Portuguese Bend Road
Rolling Hills, CA 90274

CONSULTANT: Ampirical Services Inc.
Attn: Kurt Traub - VP of Engineering
5471 Kearny Villa Road Ste 110
San Diego, CA 92123

23. GOVERNING LAW

This AGREEMENT shall be governed by and construed in accordance with the laws of the State of California, and all applicable federal statutes and regulations as amended.

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT on the date and year first above written.

CITY OF ROLLING HILLS
CITY MANAGER

CONSULTANT

KARINA BAÑALES

KURT TRAUB - VP OF ENGINEERING

DATE: _____

DATE: _____

ATTEST:

APPROVED AS TO FORM:

CITY CLERK

PATRICK DONEGAN, CITY ATTORNEY

Exhibit A

Scope of Work

Exhibit B

Cost of Services

Exhibit C

FEDERAL CONTRACT PROVISIONS

During the performance of this contract, Consultant shall comply with all applicable federal laws and regulations including but not limited to the federal contract provisions in this Exhibit.

1. **CONTRACTING WITH SMALL AND MINORITY FIRMS, WOMEN'S BUSINESS ENTERPRISE AND LABOR SURPLUS AREA FIRMS (2 C.F.R. § 200.321)**

- (A) Consultant shall be subject to 2 C.F.R. § 200.321 and will take affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used when possible and will not be discriminated against on the grounds of race, color, religious creed, sex, or national origin in consideration for an award.
- (B) Affirmative steps shall include:
 - (i) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
 - (ii) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
 - (iii) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises;
 - (iv) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises; and
 - (v) Using the services/assistance of the Small Business Administration (SBA), and the Minority Business Development Agency (MBDA) of the Department of Commerce.

Consultant shall submit evidence of compliance with the foregoing affirmative steps when requested by the City. Notwithstanding the foregoing, the affirmative steps requirements detailed above do not apply in the case of a noncompetitive procurement made under the emergency exception/exigency exception to competitive procurements.

2. **COST PRINCIPLES (2 C.F.R. PART 200, SUBPART E)**

- (A) If any indirect costs will be charged to the City under this contract, such costs must conform to the cost principles set forth under the Uniform Rules at 2 C.F.R. Part 200, subpart E ("Cost Principles"). In general, costs must (i) be necessary and reasonable; (ii) allocable to the grant award; (iii) conform to any limitations or exclusions set forth in the Cost Principles; (iv) be adequately documented; and (v) be determined in accordance with generally accepted accounting principles ("GAAP"), except, for state and local governments and Indian tribes only, as otherwise provided for in 2 C.F.R. Part 200, subpart E. 2 C.F.R. § 200.403. Costs that are determined unallowable pursuant to a federal audit are subject to repayment by Consultant.

3. **ACCESS TO RECORDS & RECORD RETENTION (2 C.F.R. 200.336)**

- (A) Consultant shall comply with 2 C.F.R. § 200.336 and provide the Federal Agency, Inspectors General, the Comptroller General of the United States, City, and the State of California or any of their authorized representatives access, during normal business hours, to documents, papers, books and records which are directly pertinent to this contract for the purposes of making and responding to audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to the Consultant's personnel for the purpose of interview and discussion related to the books and records.
- (B) The Consultant agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- (C) The Consultant agrees to provide the Federal Agency or its authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.
- (D) In compliance with the Disaster Recovery Act of 2018, the City and Consultant acknowledge and agree that no language in this contract is intended to prohibit audits or internal review by the FEMA Administrator or the Comptroller General of the United States.

4. **REQUIRED CONTRACT PROVISIONS IN ACCORDANCE WITH APPENDIX II TO PART 200 – CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.326)**

- (A) Appendix II to Part 200 (A); Appendix II to Part 200 (B): Remedies for Breach; Termination for Cause/Convenience. If the contract is in excess of \$10,000 and the contract does not include provisions for both termination for cause and termination for convenience by the City, including the manner by which it will be effected and the basis for settlement, then the following termination clauses shall apply. If the contract is for more than the simplified acquisition threshold (see 2 C.F.R. § 200.88) and does not provide for administrative, contractual, or legal remedies in instances where Contractor violates or breaches the terms of the contract, then the following termination clauses shall apply and have precedence over the contract. Otherwise, the following termination clauses shall not be applicable to the contract.

- (i) Termination for Convenience. The City may, by written notice to Consultant, terminate this contract for convenience, in whole or in part, at any time by giving written notice to Consultant of such termination, and specifying the effective date thereof ("Notice of Termination for Convenience"). If the termination is for the convenience of the City, the City shall compensate Consultant for work or materials fully and adequately provided through the effective date of termination. No amount shall be paid for unperformed work or materials not provided, including anticipated profit. Consultant shall provide documentation deemed adequate by the City to show the work actually completed or materials provided by Consultant prior to the effective date of termination. This contract shall terminate on the effective date of the Notice of Termination.
- (ii) Termination for Cause. If Consultant fails to perform pursuant to the terms of this contract, the City shall provide written notice to Consultant specifying the default ("Notice of Default"). If Consultant does not cure such default within ten (10) calendar days of receipt of Notice of Default, the City may terminate this contract for cause. If Consultant fails to cure a default as set forth above, the City may, by written notice to Consultant, terminate this contract for cause, in whole or in part, and specifying the effective date thereof ("Notice of Termination for Cause"). If the termination is for cause, Consultant shall be compensated for that portion of the work or materials provided which has been fully and adequately completed and accepted by the City as of the date the City provides the Notice of Termination. In such case, the City shall have the right to take whatever steps it deems necessary to complete the project and correct Consultant's deficiencies and charge the cost thereof to Consultant, who shall be liable for the full cost of the City's corrective action, including reasonable overhead, profit and attorneys' fees.
- (iii) Reimbursement; Damages. The City shall be entitled to reimbursement for any compensation paid in excess of work rendered or materials provided and shall be entitled to withhold compensation for defective work or other damages caused by Consultant's performance of the work.
- (iv) Additional Termination Provisions. Upon receipt of a Notice of Termination, either for cause or for convenience, Consultant shall promptly discontinue the work unless the Notice directs to the contrary. Consultant shall deliver to the City and transfer title (if necessary) to all provided materials and completed work, and work in progress including drafts, documents, plans, forms, maps, products, graphics, computer programs and reports. Consultant acknowledges the City's right to terminate this contract with or without cause as provided in this Section, and hereby waives any and all claims for damages that might arise from the City's termination of this contract. The City shall not be liable for any costs other than the charges or portions thereof which are specified herein. Consultant shall not be entitled to payment for unperformed work or materials not provided, and shall not be entitled to damages or compensation for termination of work or supply of materials. If City terminates this contract for cause, and it is later determined that the termination for cause was wrongful, the termination shall automatically be converted to and treated as a termination for convenience. In such event, Consultant shall be entitled to receive only the amounts payable under this Section, and Consultant specifically waives any claim for any other amounts or damages, including, but

not limited to, any claim for consequential damages or lost profits. The rights and remedies of the City provided in this Section shall not be exclusive and are in addition to any other rights and remedies provided by law, equity or under this contract including, but not limited to, the right to specific performance.

- (B) Appendix II to Part 200 (C) – Equal Employment Opportunity: Except as otherwise provided under 41 C.F.R. Part 60, if this contract meets the definition of a “federally assisted construction contract” in 41 C.F.R. § 60-1.3, then Consultant shall comply with the following equal opportunity clause, in accordance with Executive Order 11246 of September 24, 1965 entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 of October 13, 1967 and implementation regulations at 41 C.F.R. Chapter 60:
- (i) Consultant will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. Consultant will take affirmative action to insure that applicants are employed and that employees are treated equally during employment, without regard to race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: employment upgrading, demotion, transfer, recruitment, or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. Consultant agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the City setting forth the provisions of this nondiscrimination clause.
 - (ii) Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant, state that all qualified applicants will receive consideration for employment without regard to their race, color, religion, sex, or national origin.
 - (iii) Consultant will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with Consultant's legal duty to furnish information.
 - (iv) Consultant will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of

September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

- (v) Consultant will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
 - (vi) Consultant will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
 - (vii) In the event of Consultant's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept. 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
 - (viii) Consultant will include the provisions of paragraphs (i) through (viii) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. Consultant will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: *Provided, however*, that in the event Consultant becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, Consultant may request the United States to enter into such litigation to protect the interests of the United States.
- (C) Appendix II to Part 200 (D) – Davis-Bacon Act; Copeland Act: Not applicable to this contract.
- (D) Appendix II to Part 200 (E) – Contract Work Hours and Safety Standards Act:
- (i) If this contract is in excess of \$100,000 and involves the employment of mechanics or laborers, Consultant shall comply with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 C.F.R. Part 5). Under 40 U.S.C. 3702, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and

provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

- (ii) No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (iii) In the event of any violation of the clause set forth in paragraph (ii) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (ii) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (ii) of this section.
- (iv) The City shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Consultant or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (iii) of this section.
- (v) The Consultant or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (ii) through (v) of this Section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (ii) through (v) of this Section.

(E) Appendix II to Part 200 (F) – Rights to Inventions Made Under a Contract or Agreement:

- (i) If the Federal award meets the definition of “funding agreement” under 37 C.F.R. § 401.2(a) and the non-Federal entity wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution

of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the non-Federal entity must comply with the requirements of 37 C.F.R. Part 401 (Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements), and any implementing regulations issued by the City.

- (ii) The regulation at 37 C.F.R. § 401.2(a) currently defines “funding agreement” as any contract, grant, or cooperative agreement entered into between any Federal agency, other than the Tennessee Valley Authority, and any contractor for the performance of experimental, developmental, or research work funded in whole or in part by the Federal government. This term also includes any assignment, substitution of parties, or subcontract of any type entered into for the performance of experimental, developmental, or research work under a funding agreement as defined in the first sentence of this paragraph.
- (iii) This requirement does not apply to the Public Assistance, Hazard Mitigation Grant Program, Fire Management Assistance Grant Program, Crisis Counseling Assistance and Training Grant Program, Disaster Case Management Grant Program, and Federal Assistance to Individuals and Households – Other Needs Assistance Grant Program, as FEMA awards under these programs do not meet the definition of “funding agreement.”

(F) Appendix II to Part 200 (G) – Clean Air Act and Federal Water Pollution Control Act: If this contract is in excess of \$150,000, Consultant shall comply with all applicable standards, orders, or requirements issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387).

- (i) Pursuant to the Clean Air Act, (1) Consultant agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq., (2) Consultant agrees to report each violation to the City and understands and agrees that the City will, in turn, report each violation as required to assure notification to the Federal awarding agency and the appropriate Environmental Protection City Regional Office, and (3) Consultant agrees to include these requirements in each subcontract exceeding \$150,000.
- (ii) Pursuant to the Federal Water Pollution Control Act, (1) Consultant agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq., (2) Consultant agrees to report each violation to the City and understands and agrees that the City will, in turn, report each violation as required to assure notification to the Federal awarding agency and the appropriate Environmental Protection Agency Regional Office, and (3) Consultant agrees to include these requirements in each subcontract exceeding \$150,000.

(G) Appendix II to Part 200 (H) – Debarment and Suspension: A contract award (see 2 C.F.R. § 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the

OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 C.F.R. part 1986 Comp., p. 189) and 12689 (3 C.F.R. part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

- (i) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such Consultant is required to verify that none of the Consultant, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
 - (ii) Consultant must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
 - (iii) This certification is a material representation of fact relied upon by City. If it is later determined that Consultant did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the City, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
 - (iv) Consultant warrants that it is not debarred, suspended, or otherwise excluded from or ineligible for participation in any federal programs. Consultant also agrees to verify that all subcontractors performing work under this contract are not debarred, disqualified, or otherwise prohibited from participation in accordance with the requirements above. Consultant further agrees to notify the City in writing immediately if Consultant or its subcontractors are not in compliance during the term of this contract.
- (H) Appendix II to Part 200 (I) – Byrd Anti-Lobbying Act: If this contract is in excess of \$100,000, Consultant shall have submitted and filed the required certification pursuant to the Byrd Anti-Lobbying Amendment (31 U.S.C. § 1353). If at any time during the contract term funding exceeds \$100,000.00, Consultant shall file with the City the Federal Standard Form LLL titled "Disclosure Form to Report Lobbying." Consultants that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.
- (I) Appendix II to Part 200 (J) – Procurement of Recovered Materials:
- (i) Consultant shall comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements

of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement.

- (ii) Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.
- (iii) Information about this requirement, along with the list of EPA-designate items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.

5. MISCELLANEOUS PROVISIONS

- (A) The Consultant shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA preapproval.
- (B) This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of this contract. The Consultant will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.
- (C) Consultant acknowledges that 31 U.S.C. Chapter 38 (Administrative Remedies for False Claims and Statements) applies to the Consultant's actions pertaining to this contract.
- (D) The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the City, Consultant, any subcontractors or any other party pertaining to any matter resulting from the contract.
- (E) General and Administrative Expenses And Profit For Time And Materials Contracts/Amendments.
 - (i) General and administrative expenses shall be negotiated and must conform to the Cost Principles.
 - (ii) Profit shall be negotiated as a separate element of the cost. To establish a fair and reasonable profit, consideration must be given to the complexity of the work to be performed, the risk borne by the Consultant, the Consultant's investment, the amount of subcontracting, the quality of its record of past performance, and industry profit rates in the surrounding geographical area for similar work.
 - (iii) Any agreement, amendment or change order for work performed on a time and materials basis shall include a ceiling price that Consultant exceeds at its own risk.



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 15.A

Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: RECEIVE AND FILE A VERBAL UPDATE ON THE OUTDOOR EMERGENCY SIREN PROJECT AND CITYWIDE TESTING

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

Receive and file.

ATTACHMENTS:



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 16.A

Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: PUBLIC EMPLOYEE PERFORMANCE EVALUATION PURSUANT TO GOVERNMENT CODE SECTION 54957 (B)(1)
TITLE: CITY MANAGER

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

None.

ATTACHMENTS:



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 16.B
Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: EXISTING LITIGATION - GOVERNMENT CODE SECTION 54956.9(D)(1)
THE CITY FINDS, BASED ON ADVICE FROM LEGAL COUNSEL, THAT DISCUSSION IN OPEN SESSION WILL PREJUDICE THE POSITION OF THE CITY IN THE LITIGATION. (1 CASE)
a. NAME OF CASE: CONNIE ANDERSEN, ET AL. V. CALIFORNIA WATER COMPANY, ET AL. (SEAVIEW CASE) CASE NO.: 24STCV20953

DATE: December 10, 2024

BACKGROUND:
None.

DISCUSSION:
None.

FISCAL IMPACT:
None.

RECOMMENDATION:
None.

ATTACHMENTS:



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

Agenda Item No.: 16.C

Mtg. Date: 12/10/2024

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: CHRISTIAN HORVATH, CITY CLERK / EXECUTIVE ASSISTANT TO CITY MANAGER

THRU: KARINA BAÑALES, CITY MANAGER

SUBJECT: CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION
GOVERNMENT CODE SECTION 54956.9 (TWO CASES) CPUC
COMPLAINTS AGAINST SOUTHERN CALIFORNIA EDISON AND
SOCAL GAS

DATE: December 10, 2024

BACKGROUND:

None.

DISCUSSION:

None.

FISCAL IMPACT:

None.

RECOMMENDATION:

None.

ATTACHMENTS: