

From: [Keyon, David](#)
To: [Downtown West Project](#)
Subject: Fw: service option diagrams
Date: Friday, August 21, 2020 11:26:13 AM
Attachments: [03052020 Service Alternative Site Plans.pdf](#)
[03052020 Service Alternative Single Lines.pdf](#)

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From: Manford, Robert <Robert.Manford@sanjoseca.gov>
Sent: Thursday, March 5, 2020 1:54 PM
To: Keyon, David <david.keyon@sanjoseca.gov>; Hill, Shannon <Shannon.Hill@sanjoseca.gov>
Cc: 'Bhavesh Parikh' <bhaveshp@google.com>
Subject: FW: service option diagrams

David/Shannon:

Per yesterday's discussion about the possible on-site station on parcel F5, please forward the attached to ESA, so that they can include this in the project description and also the energy section.

From: Mitchell, Lori
Sent: Thursday, March 5, 2020 1:33 PM
To: Paul Dunne <pauldunne@google.com>; Iana Nedialkova <nedialkova@google.com>; breyer@google.com; bhaveshp@google.com; Cindy Muller <cindymuller@google.com>; Manford, Robert <Robert.Manford@sanjoseca.gov>
Cc: Ortbal, Jim <Jim.Ortbal@sanjoseca.gov>; Ekern, Bill <Bill.Ekern@sanjoseca.gov>; Benabente, Julie <Julie.Benabente@sanjoseca.gov>; O'Connor, Kevin <Kevin.Oconnor@sanjoseca.gov>
Subject: service option diagrams

Attached are the service options diagrams from Flynn we discussed yesterday.

As Doug notes there appears to be very little difference between the physical footprint of Alt 0, 2 and 2A.

Lori

From: Doug Boccignone [<mailto:dougbocc@flynnrci.com>]
Sent: Thursday, March 5, 2020 11:09 AM
To: Mitchell, Lori <Lori.Mitchell@sanjoseca.gov>
Cc: O'Connor, Kevin <Kevin.Oconnor@sanjoseca.gov>; Barry Flynn <brflynn@flynnrci.com>; Mike Keller <mikekeller@flynnrci.com>
Subject: Google service option diagrams

[External Email]

Lori,

As discussed yesterday, the attached PDFs include a high level comparison of the service alternative site plans for Alt 0, 2 and 2A (03052020 Service Alternative Site Plans.pdf) and the related single line diagrams (03052020 Service Alternative Single Lines). We have not had time to add legends to the slides to more clearly identify the segments of the existing facilities that will be removed (these are shown in green). The diagrams show that there appears to be very little difference between the physical footprint of Alt 0, 2 and 2A, and very little difference in the electrical connections between Station A and the combined customer substation/switching station vs. the separate customer substation/PG&E switching station (though the combined customer substation/switching station is a simpler/less costly configuration). I wonder if it would be possible for the DEIR description of the electrical interconnection facilities to be general enough so that it would encompass all three Alternatives.

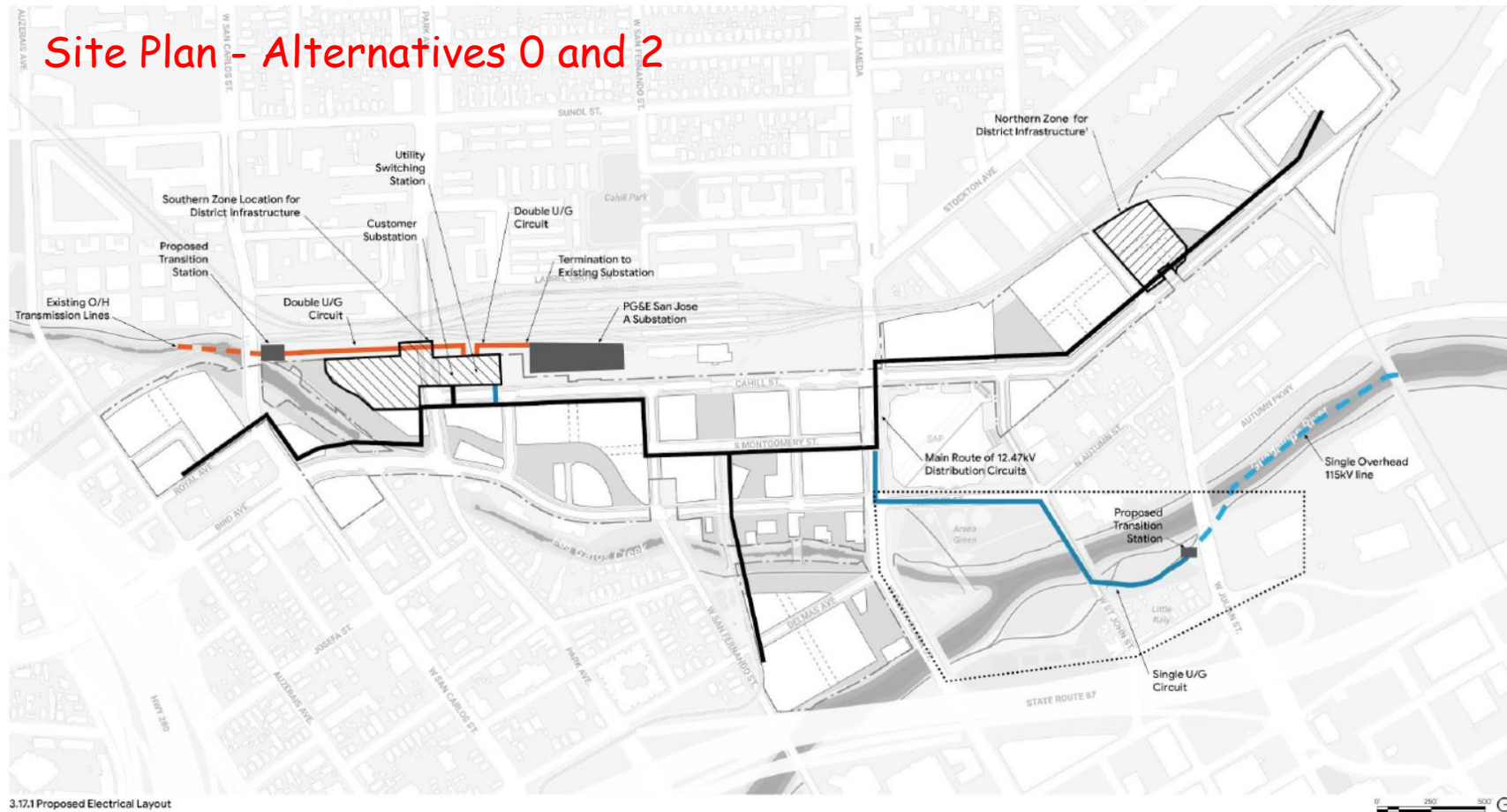
Please let us know if you have any questions.

Doug

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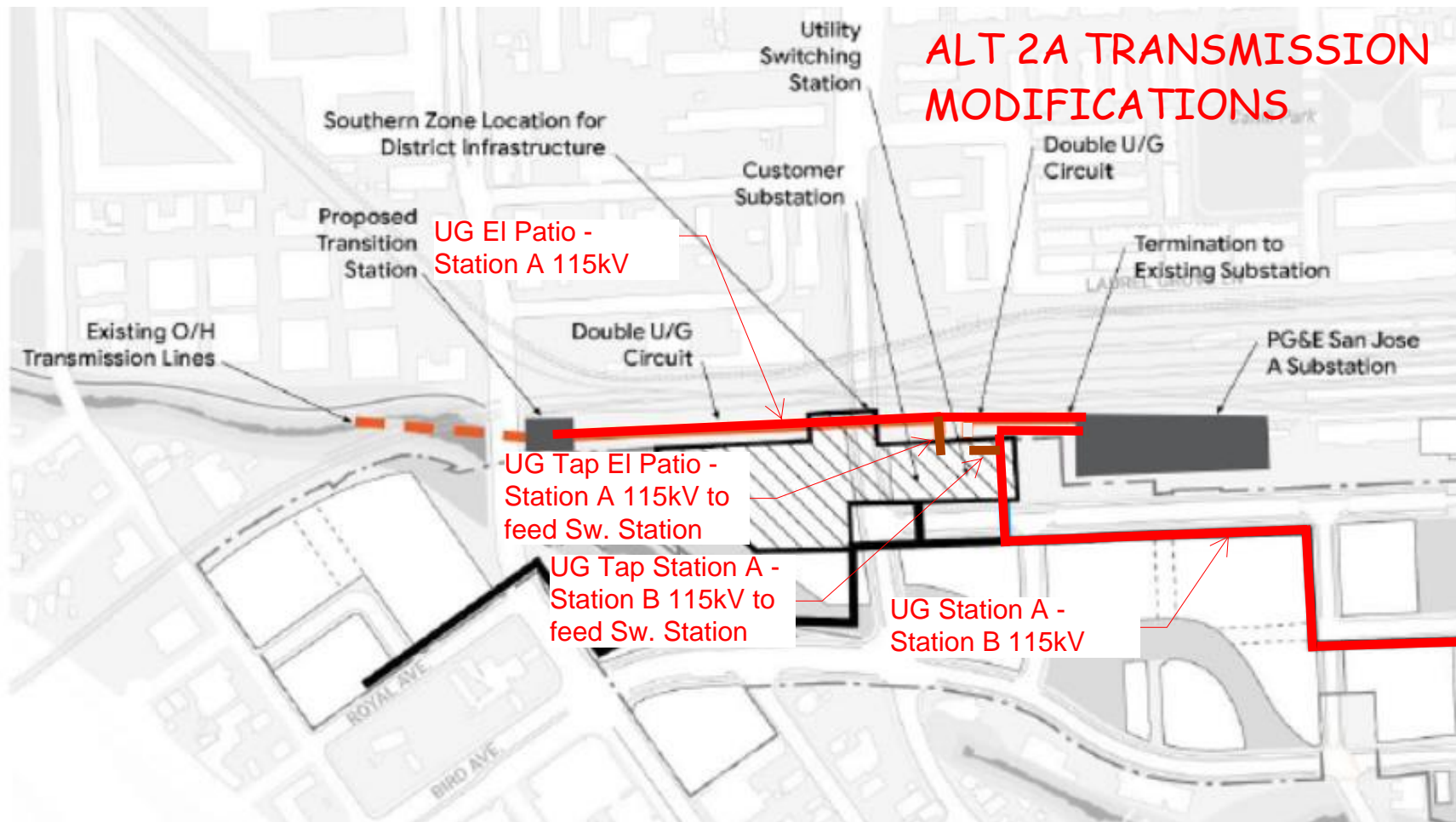
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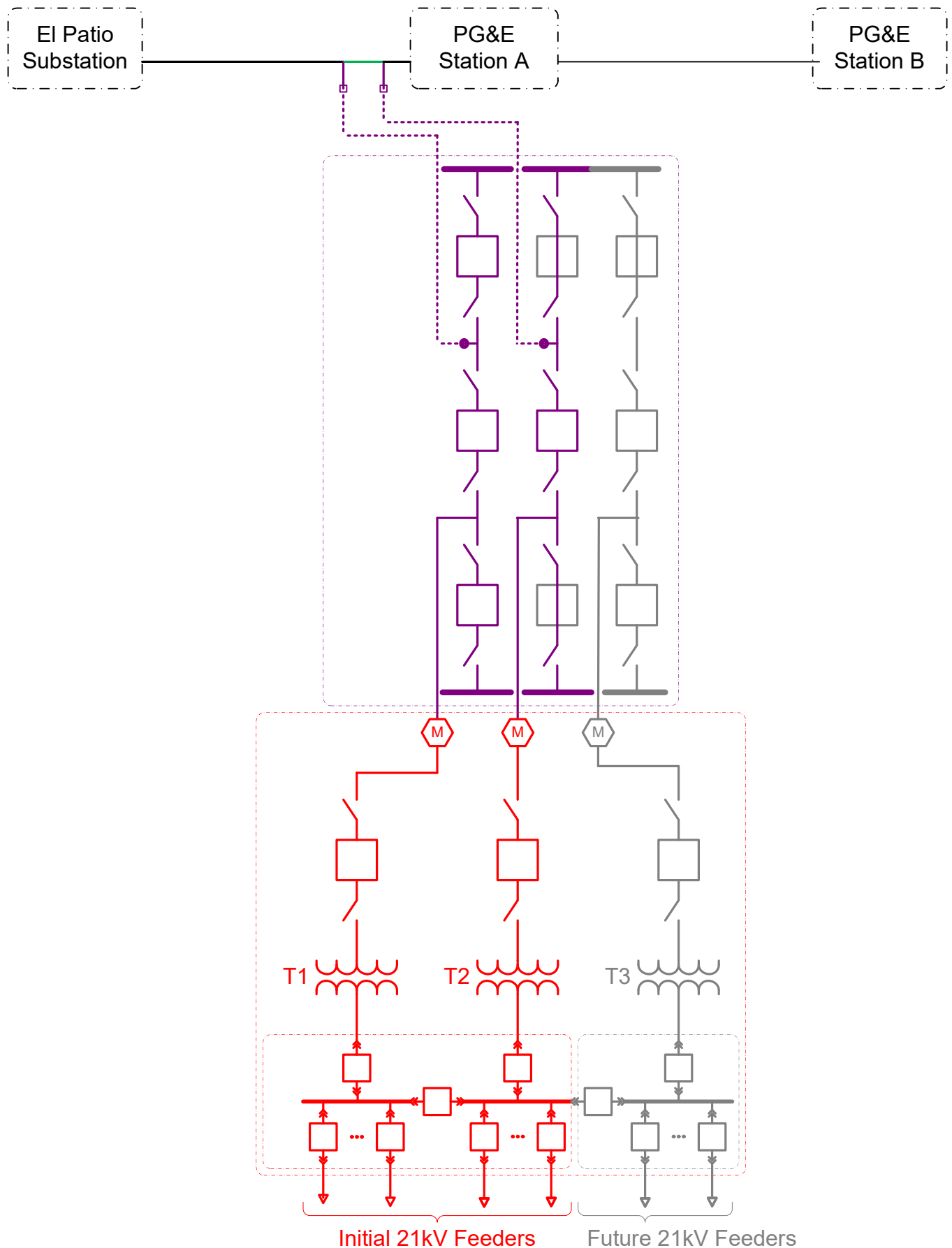


115KV TRANSMISSION WORK

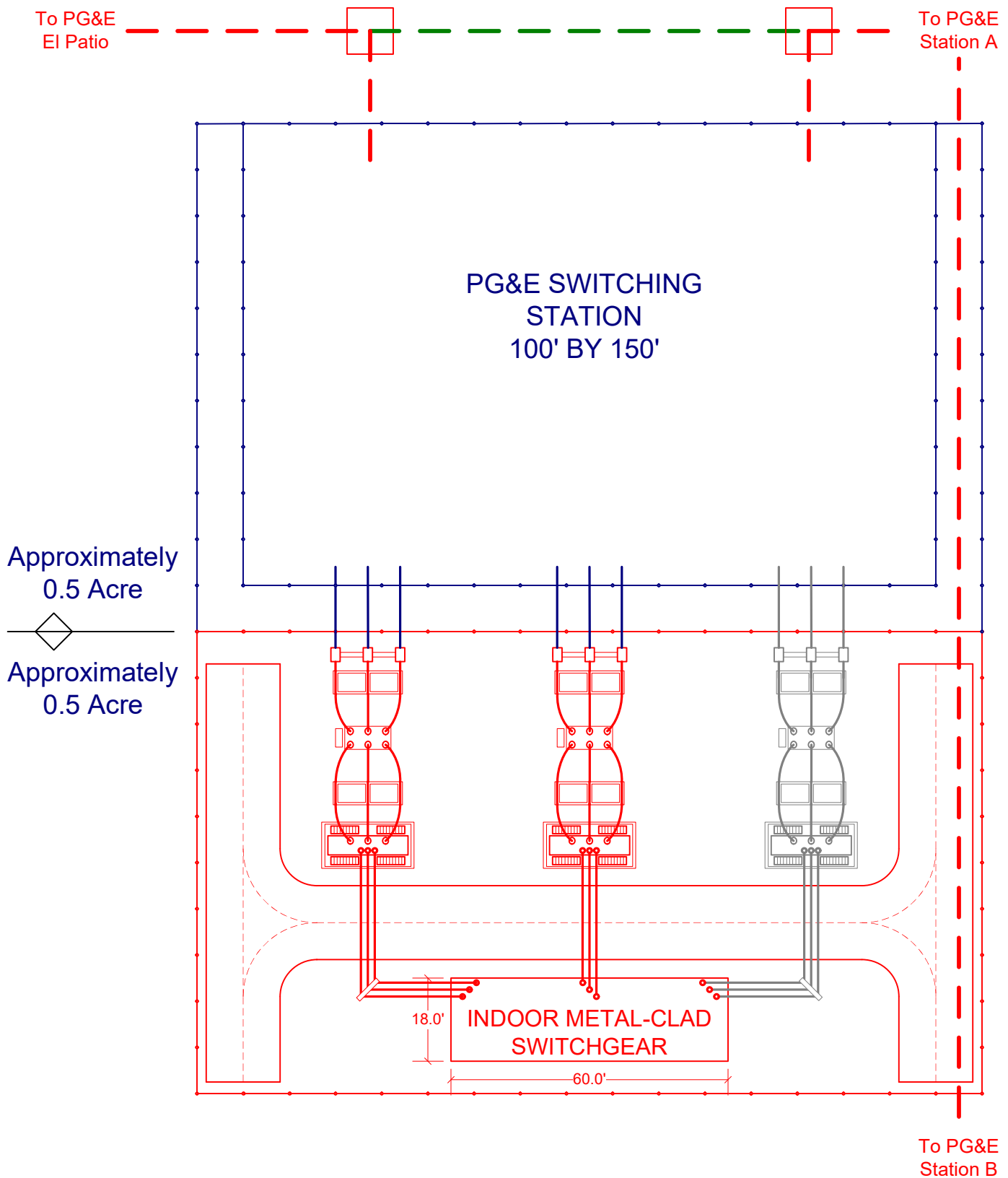
- 1) Modifications to the existing El Patio – Station A circuit:
 - a) System Upgrade: UG approximately 2000 ft South of Station A. Provide substructures for future second circuit.
 - b) Connection Facilities: Modify 1a) UG circuitry to feed new Switching Station
- 2) Modifications to the existing Station A – Station B 115kV circuit
 - a) System Upgrade: UG approximately 6000 ft North of Station A.



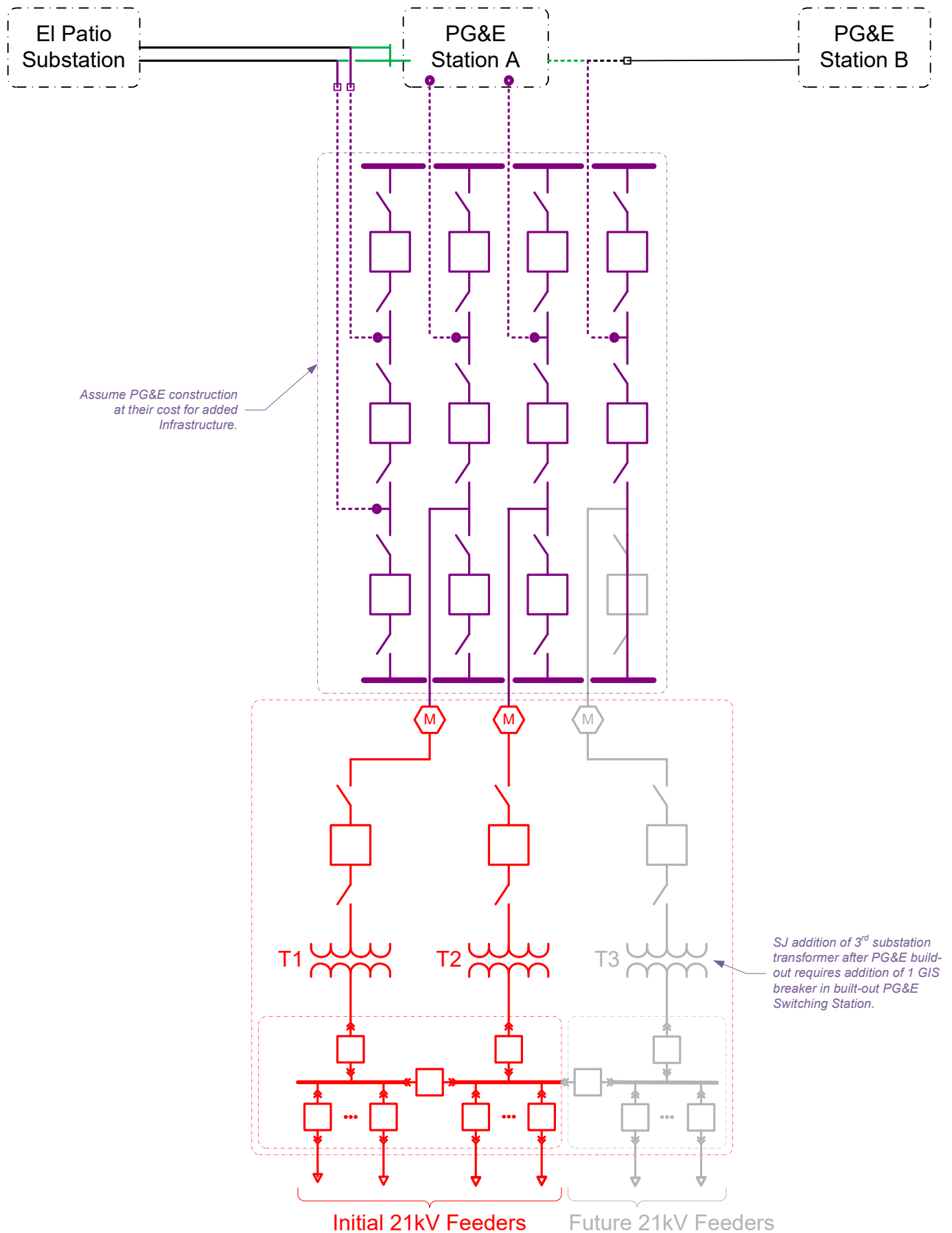
ALT #0 & Alt #2 - PG&E Switching Station and SJ Customer Substation Near Station A



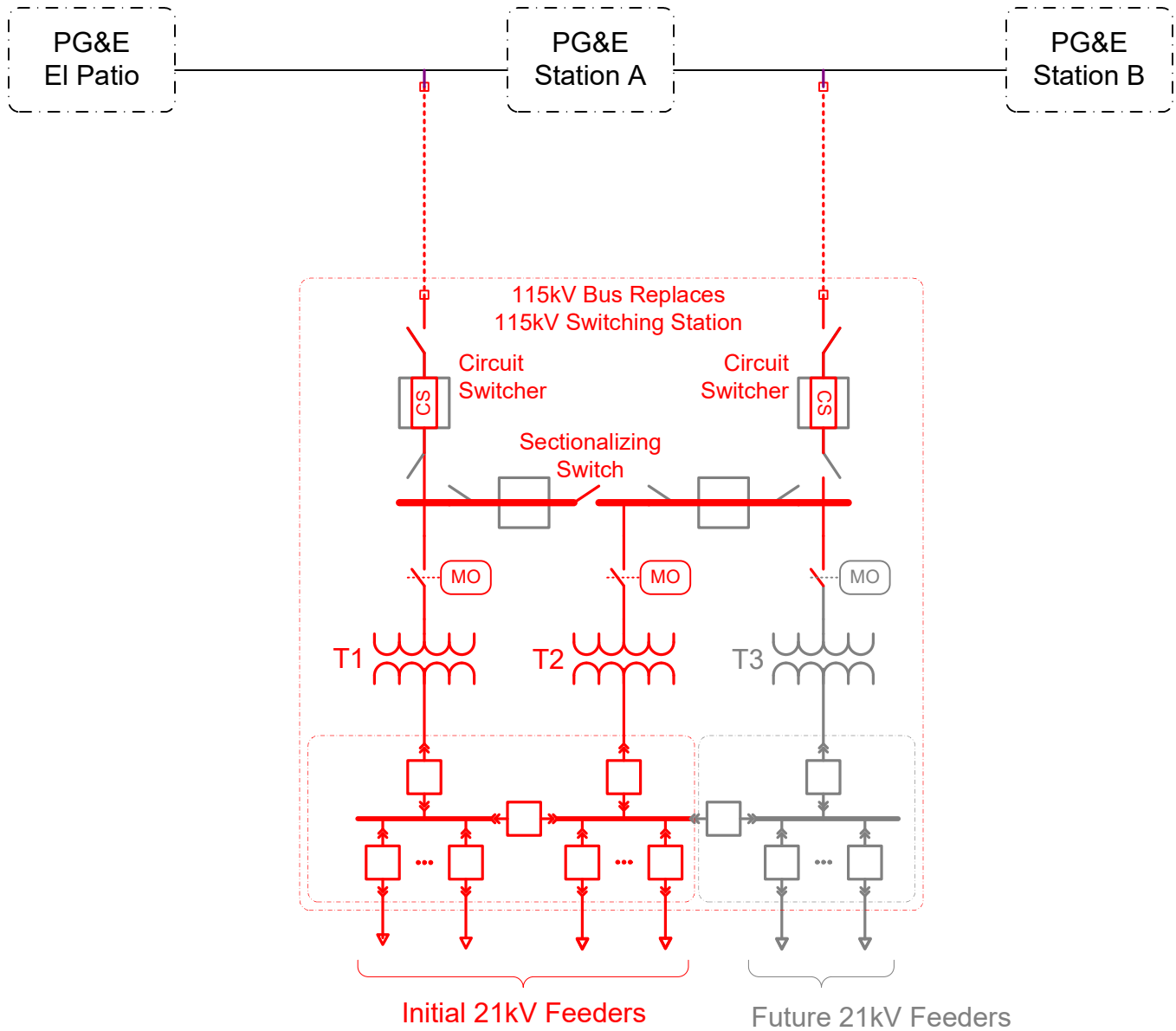
ALT #0 and Alt #2 - PG&E Switching Station and Customer Substation Near Station A



PG&E Switching Station / SJ Customer Substation



ALT #2A - SJ Substation Near Station A



ALT #2A - SJ Substation Near Station A

