
From: Paolo Diaz
Sent: Wednesday, January 8, 2020 3:00 PM
To: Sarah Kirchgessner <skirchgessner@elkgrovecity.org>; 'aablog@elkgrovecity.org' <aablog@elkgrovecity.org>
Cc: Pat Angell <pat.angell@ascentenvironmental.com>; AHiguera@thomaslaw.com
Subject: FW: SMUD Service - CNUMC - 12/23/19

Please find attached the memorandum from SMUD regarding the electrical service impacts for the project.

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From: Aaron D. Sussman
Sent: Monday, December 23, 2019 9:03 AM
To: Pak Yim <Pak@gaynerengineers.com>; Hector Benites <hector@gaynerengineers.com>; Paolo Diaz <paolo@fca-arch.com>; Amy Higuera <AHiguera@thomaslaw.com>
Cc: James Cook <James.Cook@smud.org>; Malissa Ellis <Malissa.Ellis@smud.org>; Kyle W. Stephenson <Kyle.Stephenson@smud.org>; McCain Crow <Mccain.Crow@smud.org>
Subject: SMUD Service - CNUMC - 12/23/19

Hello all:

SMUD and the team for the California Northstate University Medical Center project have discussed alternatives to serve the future hospital site. Typically, a facility with the estimated demand proposed for the CNUMC project at build-out would require 69kV service from a dedicated or customer substation on-site. Because the land-use plans for this area did not indicate a single large electrical user, 69kV facilities were not constructed in the area. Additionally, the area is substantially developed; therefore, it would be extremely challenging and may not even be feasible to extend 69kV facilities to the hospital site.

In order to meet CNUMC's service requirements and proposed schedule, SMUD plans to serve the Medical Campus from the 12kV distribution system as shown by the attached exhibit.

1 (In Red): A 12kV Primary Service with a max capacity of 4MVA to serve the Hospital.

2 (In Orange): A 12kV Primary Service with a max capacity of 2MVA to serve the Central Plant.

3 (In Blue): The remainder of the campus will be served from the SMUD distribution system and would require individual Rule 16 Commercial Services at the time of construction; no building service panel can exceed 4000 amps at 480V.

The 12kV primary services are not from dedicated 12kV feeders, and offsite work is required at a SMUD substation to provide the capacity requested. The SMUD portion of the work will take an estimated two years to design, construct and commission, once the project entitlements are secured. Should the CNUMC require service from two dedicated 12kV feeders for the Hospital and Central Plant, SMUD would require significant offsite work, including the substation work, which would be billable to CNUMC. Under either scenario, on-site customer switching between 12kV primary services would not be permitted. Should CNUMC have any questions, please do not hesitate to reach out. Thank you.

Aaron

Aaron Sussman

Commercial Development

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P.O. Box 15830, Sacramento, CA 95852-0830

From: Aaron D. Sussman

Sent: Tuesday, January 21, 2020 2:01 PM

To: Pat Angell <pat.angell@ascentenvironmental.com>; Paolo Diaz <paolo@fca-arch.com>; James Cook <James.Cook@smud.org>; Malissa Ellis <Malissa.Ellis@smud.org>; Kyle W. Stephenson <Kyle.Stephenson@smud.org>

Cc: 'Pak Yim' <pak@gaynerengineers.com>; Hector Benites <hector@gaynerengineers.com>; Sarah Kirchgessner <skirchgessner@elkgrovecity.org>; AHiguera@thomaslaw.com; Andrea Shephard <Andrea.Shephard@ascentenvironmental.com>

Subject: RE: SMUD Service - CNUMC - 12/23/19

Here is the SMUD proposed EIR Language:

In connection with the construction of the CNUMC project located in Elk Grove, SMUD will be required to construct offsite infrastructure upgrades in order to accommodate the new electrical load generated by the hospital. These upgrades include a new 12/69kV transformer at an existing distribution substation site approximately 2 miles east of the project boundaries. SMUD will install upgrades to the existing underground 12kV distribution system along Franklin Blvd, Elk Grove Blvd and W. Taron Drive to accommodate the proposed electrical load. These system upgrades may require additional trenching along these routes, the extent of which will be dependent on the project infrastructure requirements. Upon completion of the offsite work and the required onsite developer responsible construction, the CNUMC project will have two 12kV primary service points that will serve the main hospital at 4MVA and the Central Plant at 2MVA. The remaining CNUMC campus buildings and parking structures will be served on SMUDs existing local distribution system.

Aaron Sussman

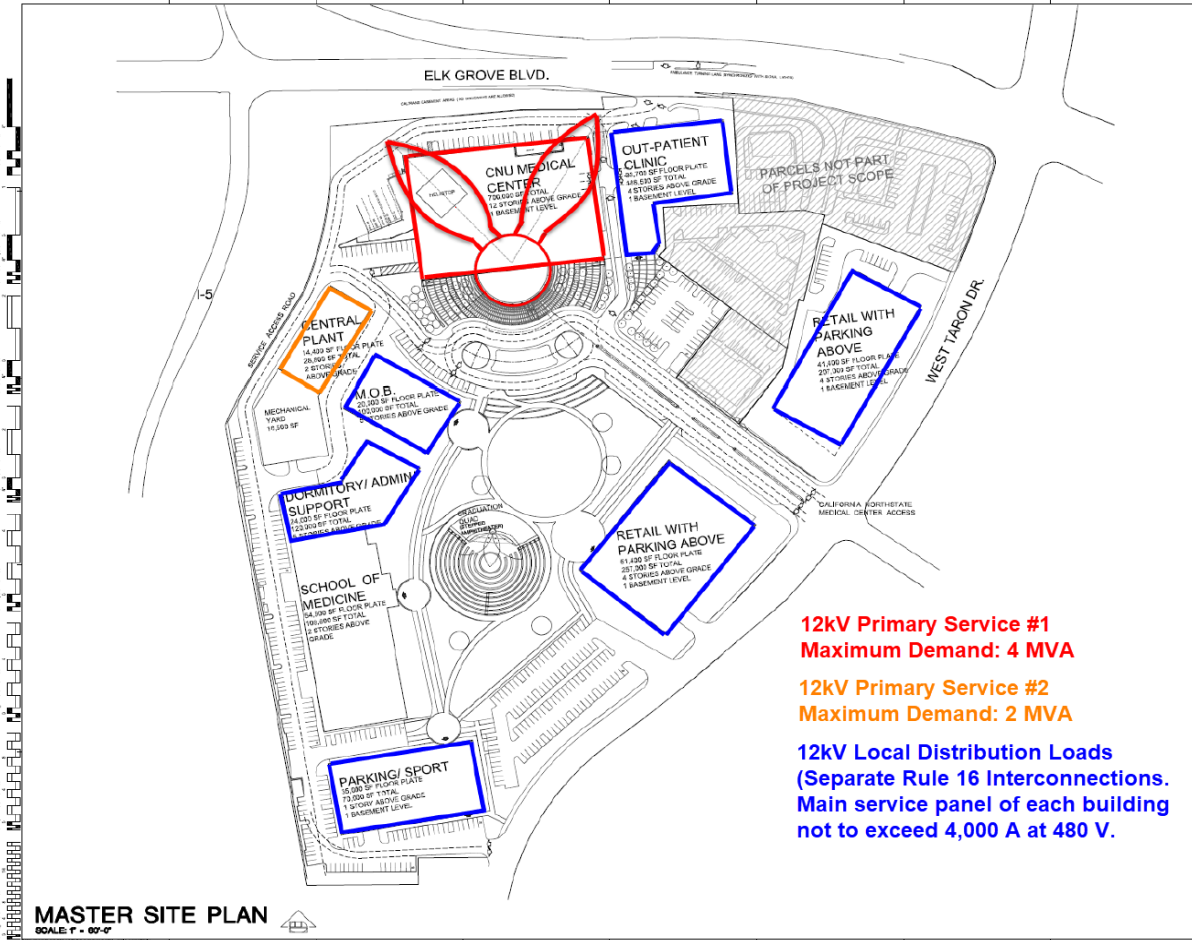
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 OAKLAND, CA 94612

NO.	DESCRIPTION	DATE

MASTER SITE PLAN

PREPARED BY: DRAWN BY: CHECKED BY: SCALE: DATE: 08/27/19	SHEET NO. A1-04
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