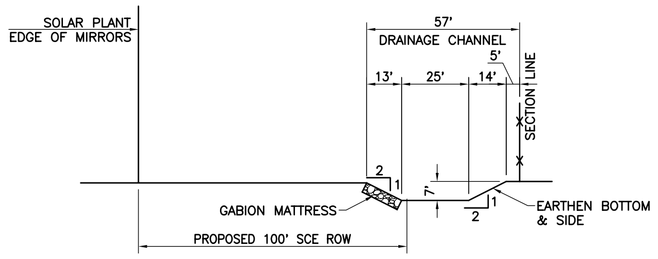
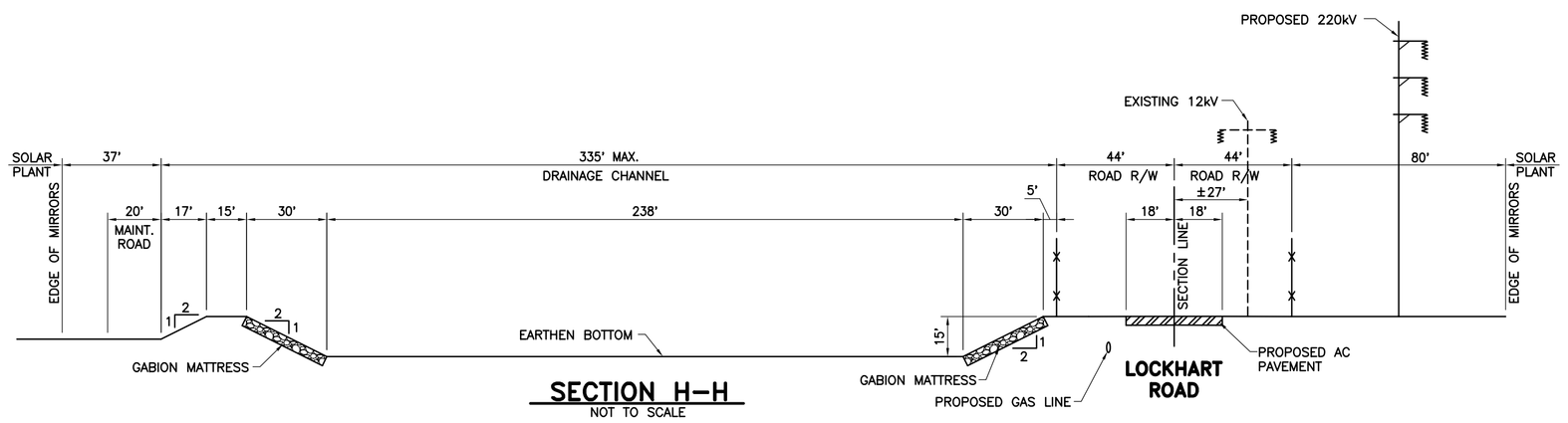
Site Layout Modifications to Support the Lockhart Substation

As presented in the attached site map, minor layout changes are shown to accommodate the location of the Lockhart Substation. These differences are minor and are not considered by the applicant to materially change the project. The following changes are shown:

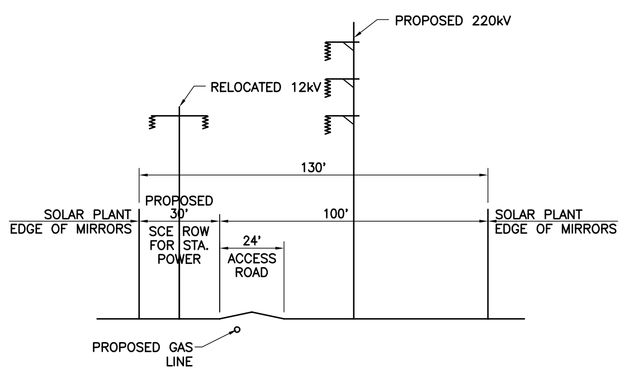
1. The Lockhart substation is shown directly south of the Beta Power Island to allow for the SCE-agreed location for loop-in to the existing transmission line while accommodating a better location of the onsite transmission line.
2. The onsite transmission line from the Beta Power Island now runs directly south to the first point of interconnection at the Lockhart substation, no longer running along the southern boundary.
3. The onsite transmission line from the Alpha Power Island now runs across the northern portion of Beta and then directly south to the Lockhart substation past the Beta Power Island. This moves the transmission line from the western boundary of the Beta Site to the center of the Beta site.
4. A 12-kV line for station power from the existing 12-kV line that runs across the northern boundary of the Beta Site is included. This is to supply independent station power to the Lockhart substation at SCE's request. This is a realignment of a ROW that exists on the site already to accommodate the location of the proposed power plan site plan.
5. The drainage channel along the southern boundary of the Beta site is moved south to accommodate a ROW to the Lockhart substation from the east at SCE's request.



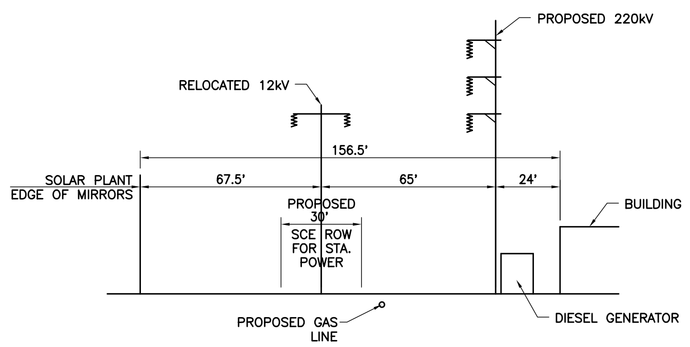

**SECTION E–E**
NOT TO SCALE



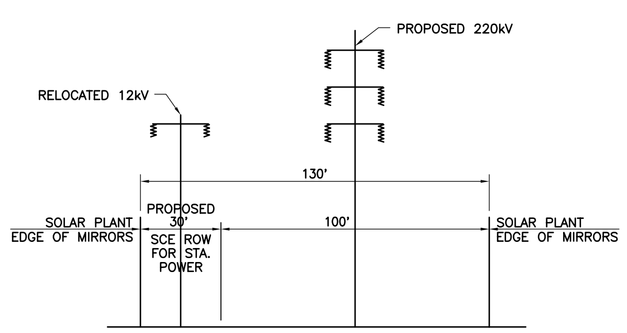

**SECTION H–H**
NOT TO SCALE



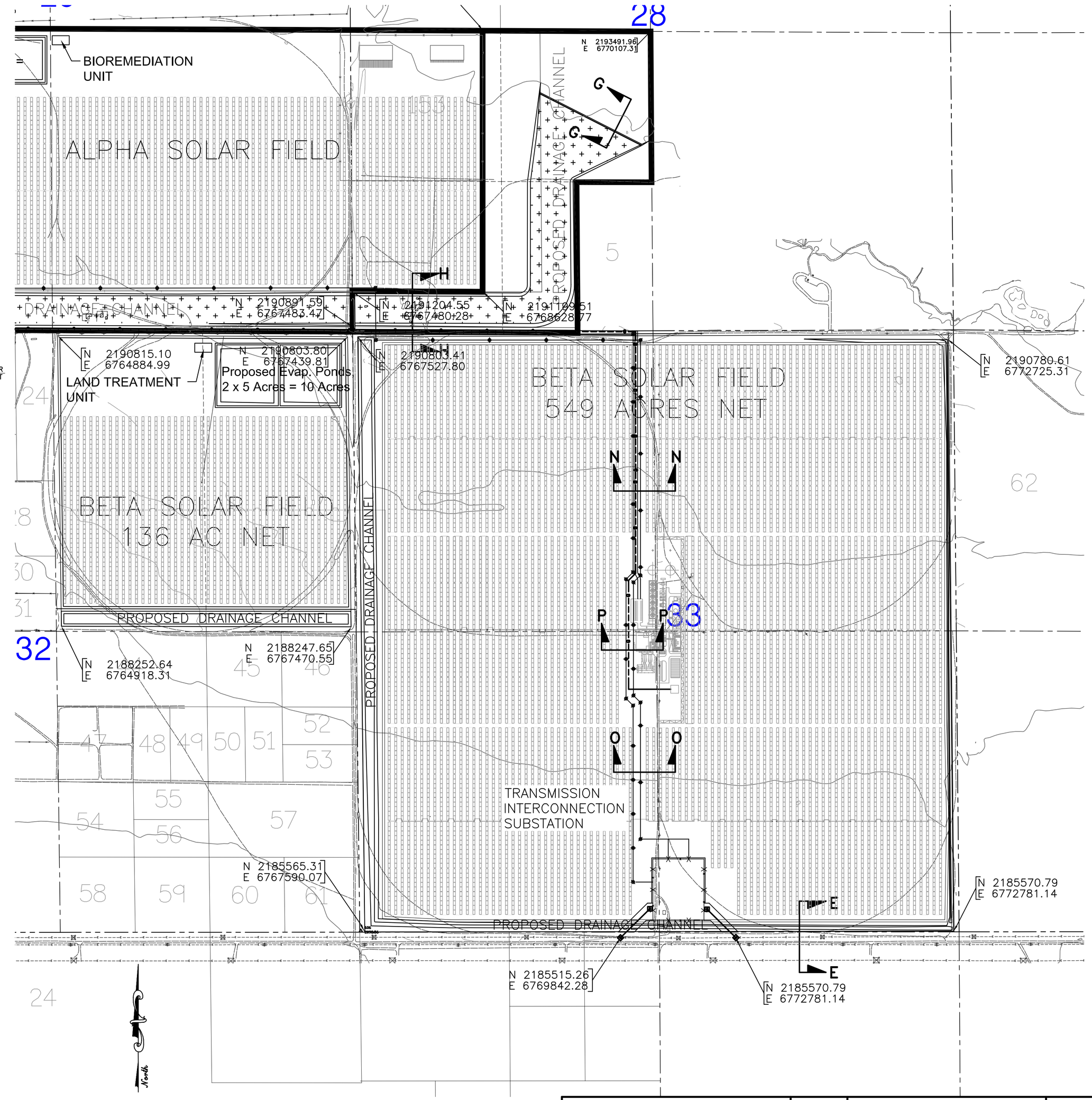

**SECTION N–N**
NOT TO SCALE




**SECTION P–P**
NOT TO SCALE




**SECTION O–O**
NOT TO SCALE




0 500 1000 1500
SCALE: 1" = 500'

**LEGEND**

AREA BOUNDARY
PROPOSED DRAINAGE CHANNEL

CONTOUR INTERVAL = 5'


Merrell-Johnson Engineering, Inc.
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(760) 256-0418 FAX


DRAWN BY: JBC
DATE: 4/13/10
DESIGNED BY:
DATE:
APPROVED BY:
DATE:

# TRANSMISSION INTERCONNECTION REVISED SITE LOCATION

FOR:

## MOJAVE SOLAR

SCALE: AS SHOWN
JOB NO. 3001
SHEET 1 OF 1


jcumming 9:45am 13 April 2010 P:\3001 Abengoa-Harper Lake\BETA SITE1.dwg – REVISED INTERCONNECT LOCATION Merrell-Johnson Engineering, Inc.