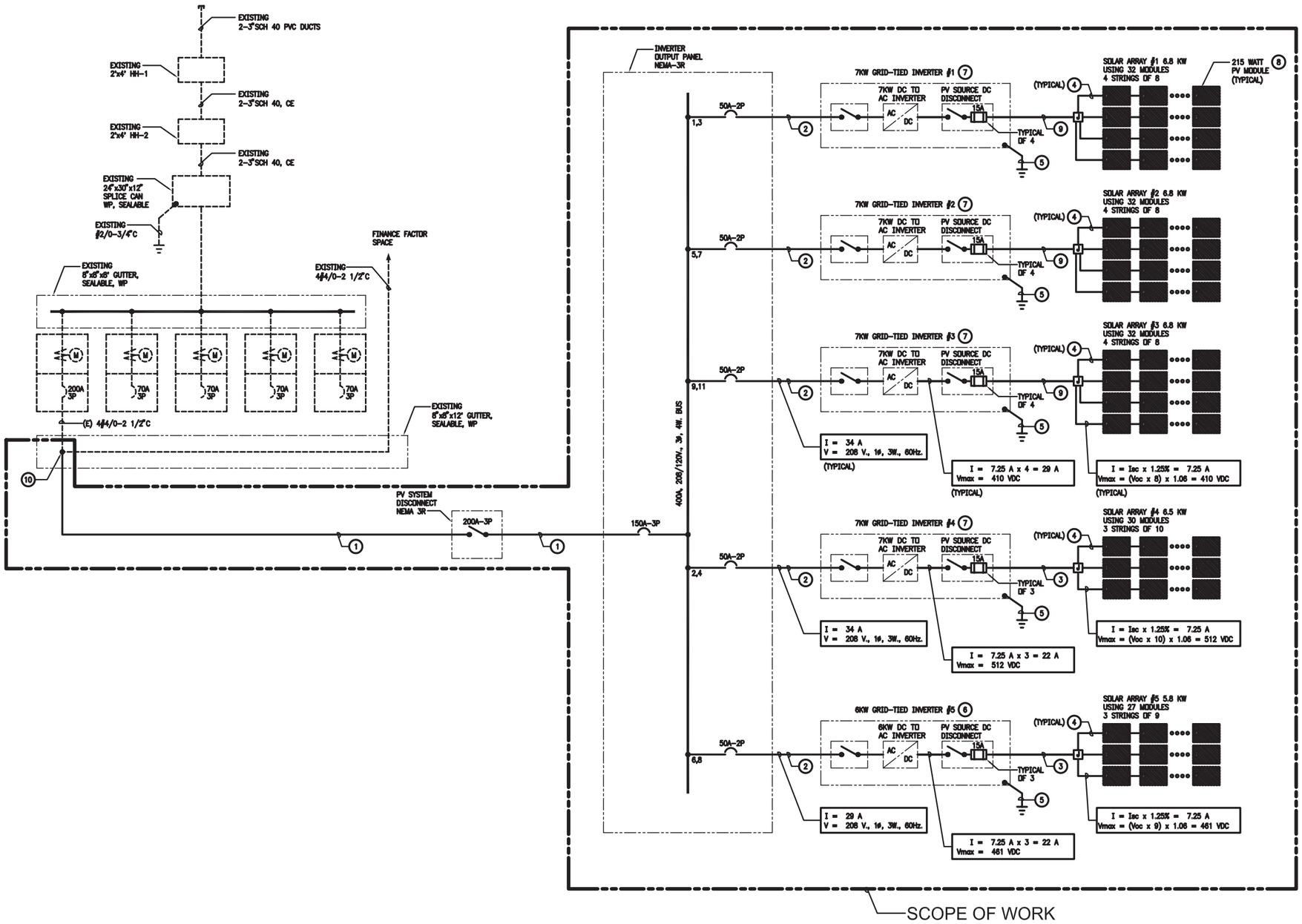

GENERAL NOTES:

1. PROVIDE SIGNS AT THE MAIN PV DISCONNECT SWITCH, INVERTERS AND DISCONNECTS AS PER NEC 690.14, 690.17, 690.54 AND 705.10.
2. PROVIDE ARC FLASH WARNING SIGNAGE AS PER NEC 110.16.

PLAN NOTES:

1. PROVIDE (3)#3/0 & (1)#3/0 NEUTRAL & (1)#4 GND – 2 1/2"C.
2. PROVIDE (2)#6 & (1)#6 N & (1)#8 GND – 1 1/4"C.
3. PROVIDE (6)#10 USE-2/CU & (1)#10 GND – 3/4"C.
4. PROVIDE (2)#10 USE-2/CU & (1)#10 GND – 3/4"C.
5. CONNECT (1)#6 GND – 3/4"C TO EXISTING BUILDING GROUNDING ELECTRODE.
6. GRID-TIED INVERTER SHALL BE SUNPOWER MODEL SPR-6000m INVERTER WITH DC AND AC FUSED DISCONNECTS.
   MAX. DC INPUT AT STC = 6.4 KW
   MAX. AC OUTPUT = 6.0 KW
   AC VOLTAGE = 208V., 1Ø
7. GRID-TIED INVERTER SHALL BE SUNPOWER MODEL SPR-7000m INVERTER WITH DC AND AC FUSED DISCONNECTS.
   MAX. DC INPUT AT STC = 7.5 KW
   MAX. AC OUTPUT = 7.0 KW
   AC VOLTAGE = 208V., 1Ø
8. PV MODULE SHALL BE SUNPOWER 215 SOLAR PANEL
   Pmax = 215W
   Vmp = 39.8V
   Imp = 5.40A
   Voc = 48.3V
   Isc = 5.80A
9. PROVIDE (6)#10 USE-2/CU & (1)#10 GND – 1"C.
10. PROVIDE 620A RATED POWER DISTRIBUTION BLOCKS ILSCO TYPE LDB-22-350

SAMPLE COMPANY

SOLAR ENERGY DESIGN AND INSTALLATION

GREENWAY SOLAR SYSTEMS, INC.
1835Taft Ave, Unit 1
Los Angeles, CA, USA
90028
Tel/Fax: 323 466 4717
Email: info@greenway-solar.com
Website: www.greenway-solar.com

SAMPLE INSTITUTION

Signature
Expiration Date: Sample Date
This was prepared by me or under my supervision. Construction of this project will be under my observation. Obsrevation as defined in Section (Sample) of (State) Administrative Rules (Sample) Title 16, Chapter 115, Professional Engineers, Architects, Surveyors, and Landscape Architects.

JOB NUMBER:	
DATE:	
PROJECT DIRECTOR:	
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	

NO	DATE	REVISONS

SINGLE LINE DIAGRAM

E5-1

SINGLE LINE DIAGRAM

SCALE
NONE

1