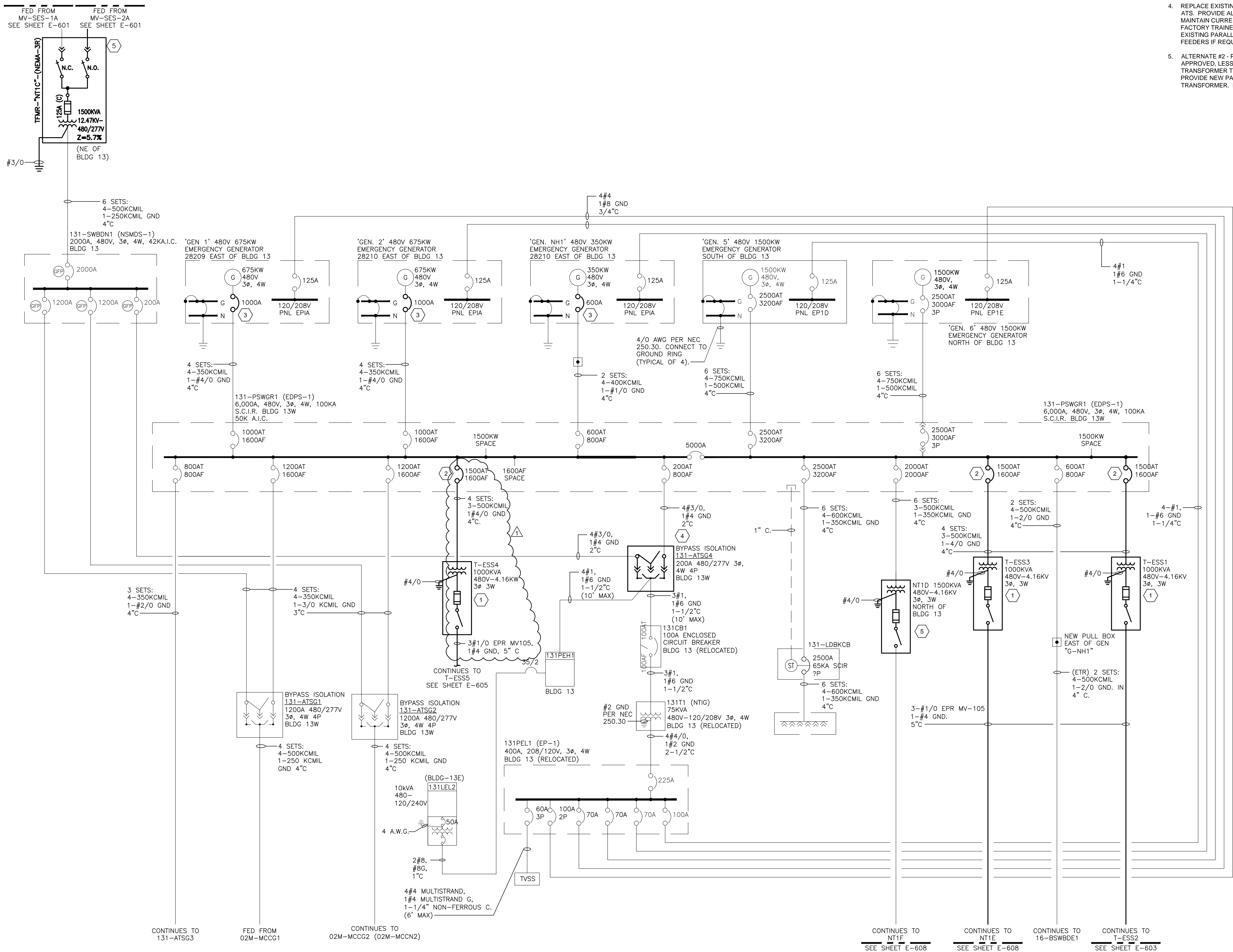
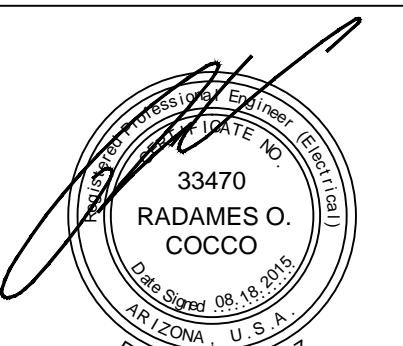

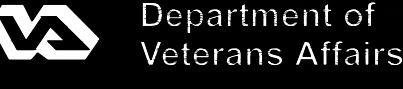


Key Notes (X) INDICATES KEY NOTE ON THIS SHEET.

1. PROVIDE NEW TRANSFORMER AND FEEDERS AS INDICATED.
2. PROVIDE NEW BREAKER IN EXISTING SWITCHGEAR AS SHOWN.
3. REPLACE EXISTING BREAKER WITH NEW BREAKER RATED AT 65KA SCIR. NEW BREAKER SHALL HAVE ELECTRONIC TRIP WITH LSIG FUNCTIONALITY (GF INDICATION ONLY- MONITORED BY CAMOUS ELECT MONITORING SYSTEM) AND SHALL SELECTIVELY COORDINATE WITH DOWNSTREAM DEVICES PER NEC 700.28.
4. REPLACE EXISTING ASCO H7 FRAME ATS WITH NEW ASCO S7 FRAME ATS. PROVIDE ALL CONNECTIONS AND CONTROLS AS REQUIRED TO MAINTAIN CURRENT CONTROLS CONFIGURATION. ENGAGE ASCO FACTORY TRAINED TECHNICIAN TO PROGRAM TRANSFER SWITCH WITH EXISTING PARALLELING SWITCHGEAR. 131PSWRG1. PROVIDE NEW FEEDERS IF REQUIRED TO REACH NEW SWITCH TERMINALS.
5. ALTERNATE #2 - PROVIDE NEW PAD MOUNTED, FACTORY MUTUAL (FM) APPROVED, LESS-FLAMMABLE FLUID FILLED INSULATED (FR-3) TRANSFORMER TO REPLACE EXISTING OIL-FILLED TRANSFORMER. PROVIDE NEW PAD IF NECESSARY TO ACCOMMODATE NEW TRANSFORMER. MATCH EXISTING TRANSFORMER IMPEDANCE.



1 PARTIAL SINGLE-LINE DIAGRAM - EES DISTRIBUTION
NO SCALE

CONSULTANT:  RADAMES O. COCCO 08/18/2015 Date		CONSULTANT: Westlake Reed Leskosky One East Camelback Road Suite 690 Phoenix, Arizona 85012 www.WRLdesign.com		ARCHITECT/ENGINEERS:  AES Group, Inc. 11001 SOUTH PIKES PEAK DRIVE #200 PARADISE VALLEY, AZ 85026 PHX 303.843.9922 WWW.AES-GRP.COM		Drawing Title PARTIAL SINGLE-LINE DIAGRAM - EES DISTRIBUTION Approved Project Director		Project Title SITE ELECTRICAL DISTRIBUTION UPGRADE Location PHOENIX, AZ Date 03-06-2015 Checked Drawn		'BID SET' Project Number 644-13-015 / 644-14-003 Building Number 1, 8, 16, 21, 31 Drawing Number E-607 Dwg. -- of 49		Office of Construction and Facilities Management 	
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