

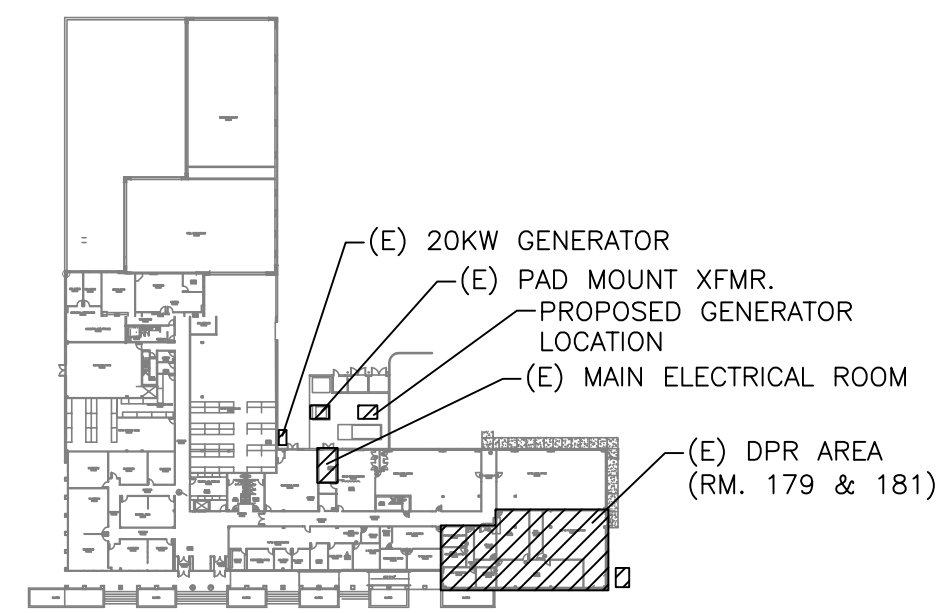
1 **ELECTRICAL PLAN**
 E-200 SCALE: 1/16" = 1'-0"

GENERAL NOTES:

- ELECTRICAL EQUIPMENT INDICATED WITH AN (N) IS NEW, (RM) IS TO BE REMOVED, AND (E) IS EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.
- REFER TO ELECTRICAL ONE-LINE DIAGRAM, #1/E-300 FOR ADDITIONAL CONDUIT ROUTING REQUIREMENTS.
- UNDERGROUND UTILITY ROUTES ARE SHOWN FOR REFERENCE BASED ON OBSERVED LOCATION MARKINGS ON SITE. CONTRACTOR SHALL PHYSICALLY LOCATE UNDERGROUND UTILITIES PRIOR TO FULL EXCAVATION TO DETERMINE FINAL LOCATIONS/ROUTING OF ANY UNDERGROUND WORK.
- UNDERGROUND ELECTRICAL CONDUITS SHALL BE ROUTED AT 30" UNDER FINISHED GRADE UNLESS NOTED OTHERWISE. PROVIDE SCHEDULE 80 PVC OR GRC WITH LONG-SWEEP ELBOWS. COORDINATE EXACT GENERATOR FEEDER CONDUIT AND SERVICE ENTRANCE CONDUIT ROUTINGS WITH EXISTING UNDERGROUND CONDUITS/PIPING.
- UNDERGROUND BRANCH CIRCUITS SHALL BE ROUTED AT 30" UNDER FINISHED GRADE UNLESS OTHERWISE NOTED.

DETAILED NOTES:

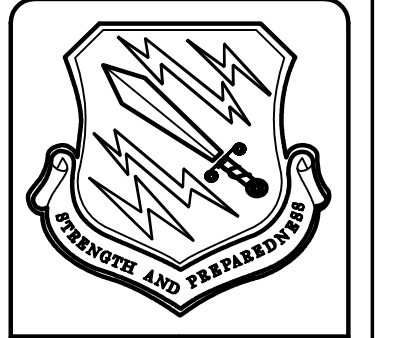
- NEW CONDUCTORS/CONDUITS SHALL PASS ABOVE EXISTING, UNDERGROUND SERVICE LATERAL. AREA SHALL BE HAND-EXCAVATED TO AVOID DAMAGE TO SERVICE LATERAL AND TO VERIFY EXISTING BURIAL DEPTH.
- GENERATOR WATER JACKET HEATER CONNECTION. PROVIDE 2#12, 1#12G IN 1" PVC. VERIFY NO NEUTRAL IS REQUIRED.
- GENERATOR BATTERY WARMER CONNECTION. PROVIDE 1#12, 1#12G IN 1" PVC. RUN IN CONDUIT WITH BATTERY CHARGER CIRCUIT, SEE DETAILED NOTE #4.
- GENERATOR BATTERY CHARGER CONNECTION. PROVIDE 1#12, 1#12G IN 1" PVC. RUN IN CONDUIT WITH BATTERY WARMER CIRCUIT.
- REMOVE EXISTING SERVICE ENTRANCE CONDUCTOR FROM PAD-MOUNT TRANSFORMER TO MAIN SWITCHBOARD 'MDSB'. UNDERGROUND CONDUITS TO BE ABANDONED IN PLACE TO POINT OF NEW CONDUIT INTERCONNECT.
- PROVIDE NEW CONDUIT/CONDUCTOR FROM ATS TO EXISTING MAIN SWITCHBOARD 'MDSB'. NEW CONDUIT TO INTERCEPT EXISTING SERVICE ENTRANCE CONDUIT. REFER TO ONE-LINE DIAGRAM #1/E-300 FOR CONDUIT/CONDUCTOR SIZES.
- KNOX BOX (OR SIMILAR) CONTAINING GENERATOR EMERGENCY POWER-OFF BUTTON FOR FIRE DEPARTMENT ACCESS ONLY.



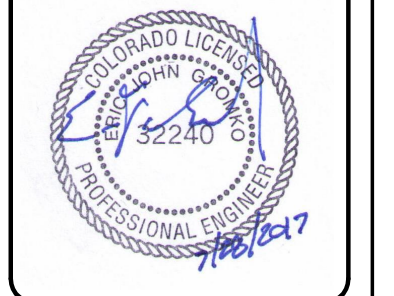
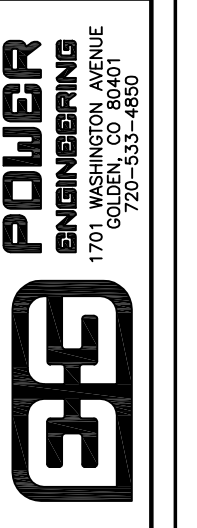
KEYPLAN

NOT FOR CONSTRUCTION

PROJECT INFORMATION	
INSTALLATION OF GENERATOR AT BUILDING 1005	
PROJECT NO: EGP#13152.10	DATE: 07/21/2017
PROJECT INFORMATION	
ELECTRICAL FLOOR PLANS	
E-200	
SHEET 3 OF 6	



BUCKLEY AIR FORCE BASE
 BUILDING 1005
 GENERATOR ADDITION



NO.	DESCRIPTION	DATE	INITIALS
6			
5			
4			
3			
2			
1	ISSUED FOR BID	07/21/17	EGP