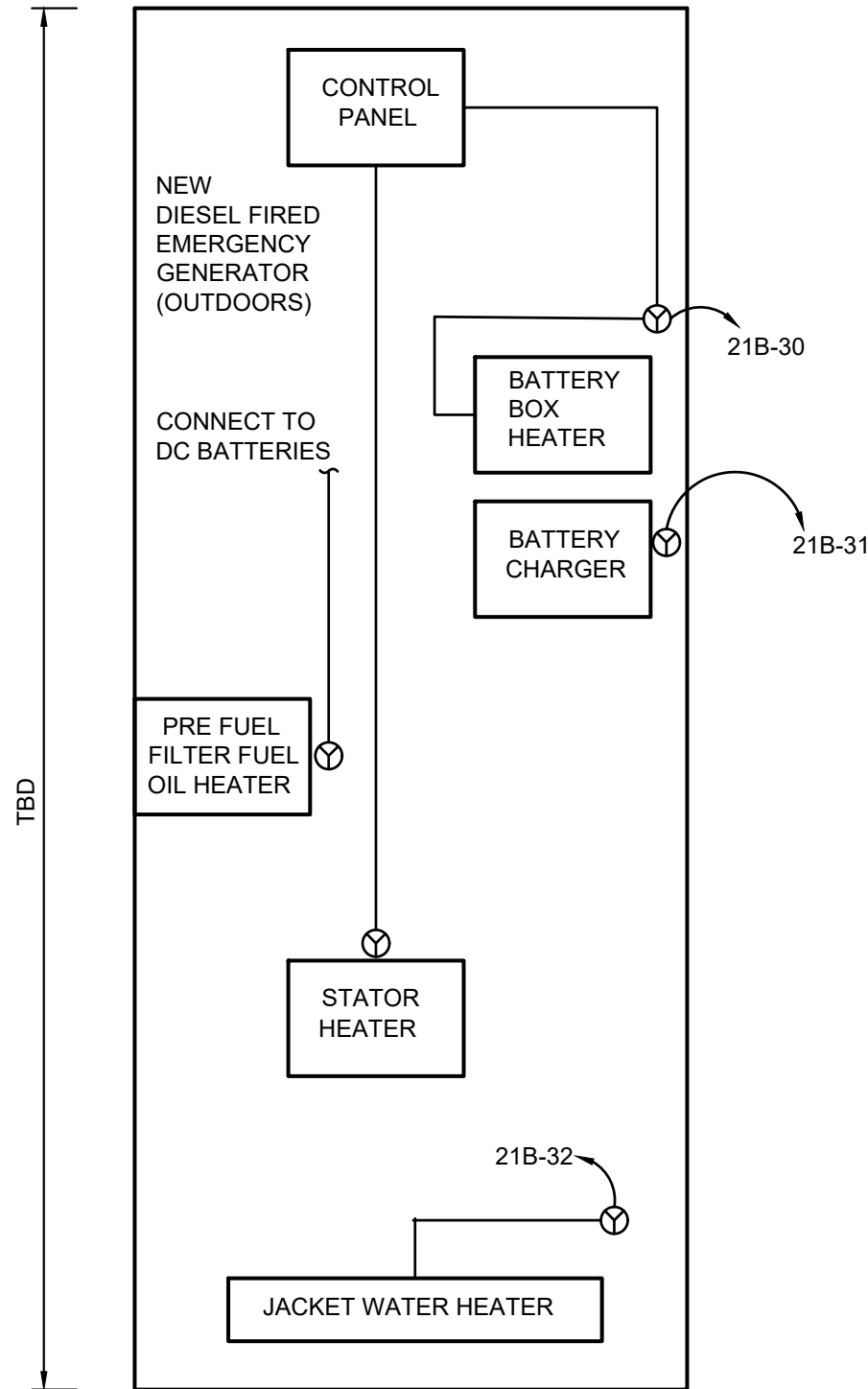


NOTES:

- TRANSFORMER PAD MAY BE A: (1) PRECAST TRANSFORMER PAD (2) CONCRETE PAD POURED IN PLACE AT THE INSTALLATION SITE.
- ON POURED IN PLACE CONCRETE PADS, THE CONCRETE SHALL BE 3000 PSI. VOLUME OF CONCRETE IS APPROXIMATELY 0.7 CU YDS. WEIGHT IS APPROXIMATELY 2800 LBS.
- SECONDARY DUCTS SHOULD NOT EXTEND MORE THAN 2" ABOVE THE TOP OF FOUNDATION. PRIMARY DUCTS SHOULD BE CUT OFF 2" BELOW THE TOP OF THE FOUNDATION TO ALLOW FOR TERMINATING THE CABLES.
- EXTEND GROUND RODS 2" ABOVE THE TOP OF FOUNDATION TO ACCOMMODATE A GROUNDING JUMPER.

1 TRANSFORMER PAD DETAIL

NOT TO SCALE

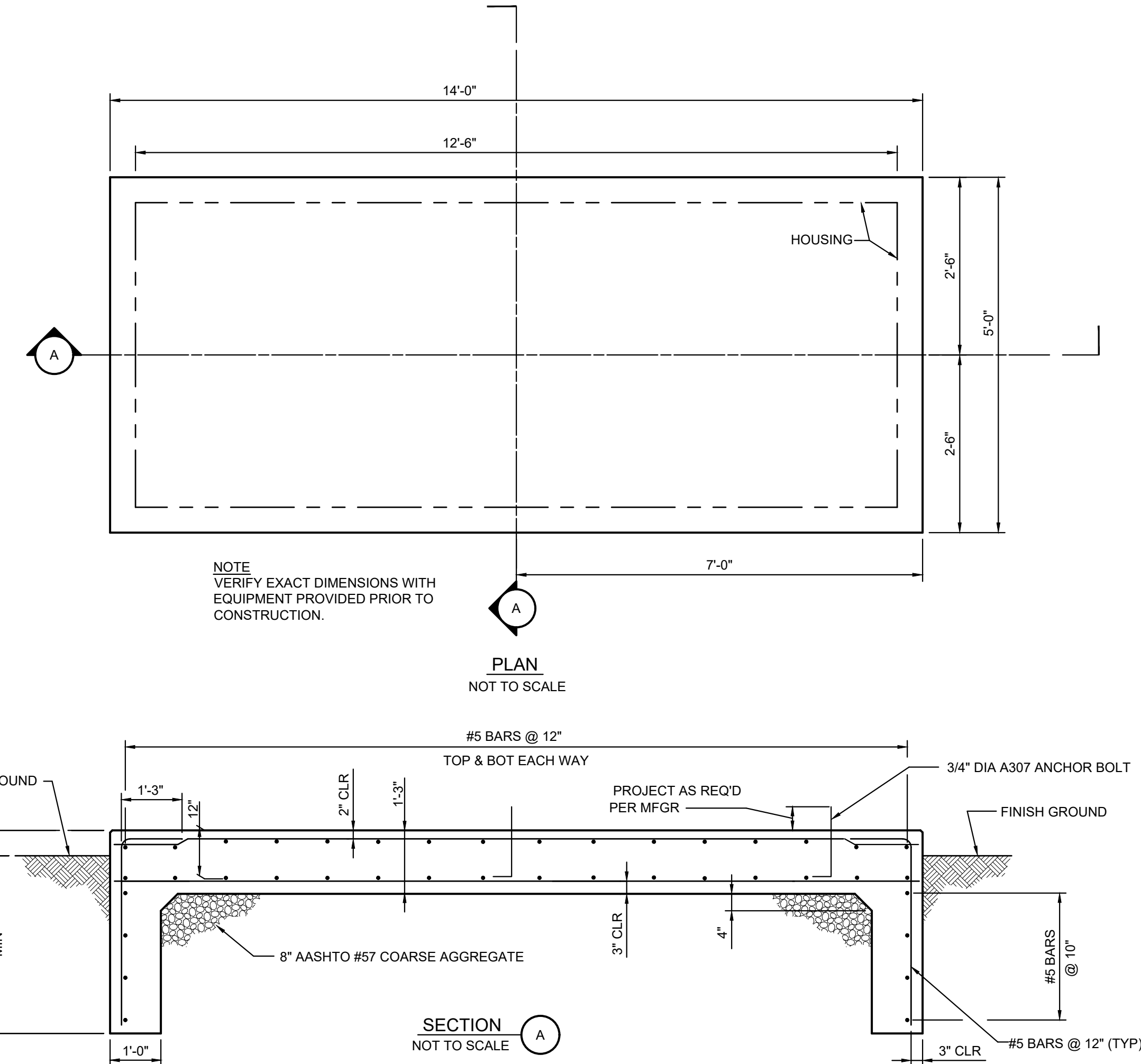


NOTES:

- THE EC SHALL PROVIDE CABLING AND CONDUIT FROM AUTOMATIC TRANSFER SWITCHES TO THE GENERATOR FOR THE START SIGNALS. QUANTITY AND SIZE OF CONDUCTORS PER MANUFACTURERS REQUIREMENTS
- THE EC SHALL PROVIDE CABLING AND CONDUIT FROM THE GENERATOR TO THE ANNUNCIATOR, AND EMERGENCY POWER OFF BUTTON. PROVIDE MANUFACTURER RECOMMENDED CABLING FOR EACH.
- PROVIDE FACTORY INSTALLED CORD AND PLUG FOR JACKET WATER HEATER AND BATTERY BOX HEATER
- STATOR HEATER SHALL BE WIRED THROUGH THE CONTROL PANEL TO THE CIRCUIT SHOWN.
- PROVIDE MANUFACTURER RECOMMENDED CABLE SIZE FOR CONNECTION FROM PRE FUEL FILTER FUEL OIL HEATER TO THE DC BATTERIES.

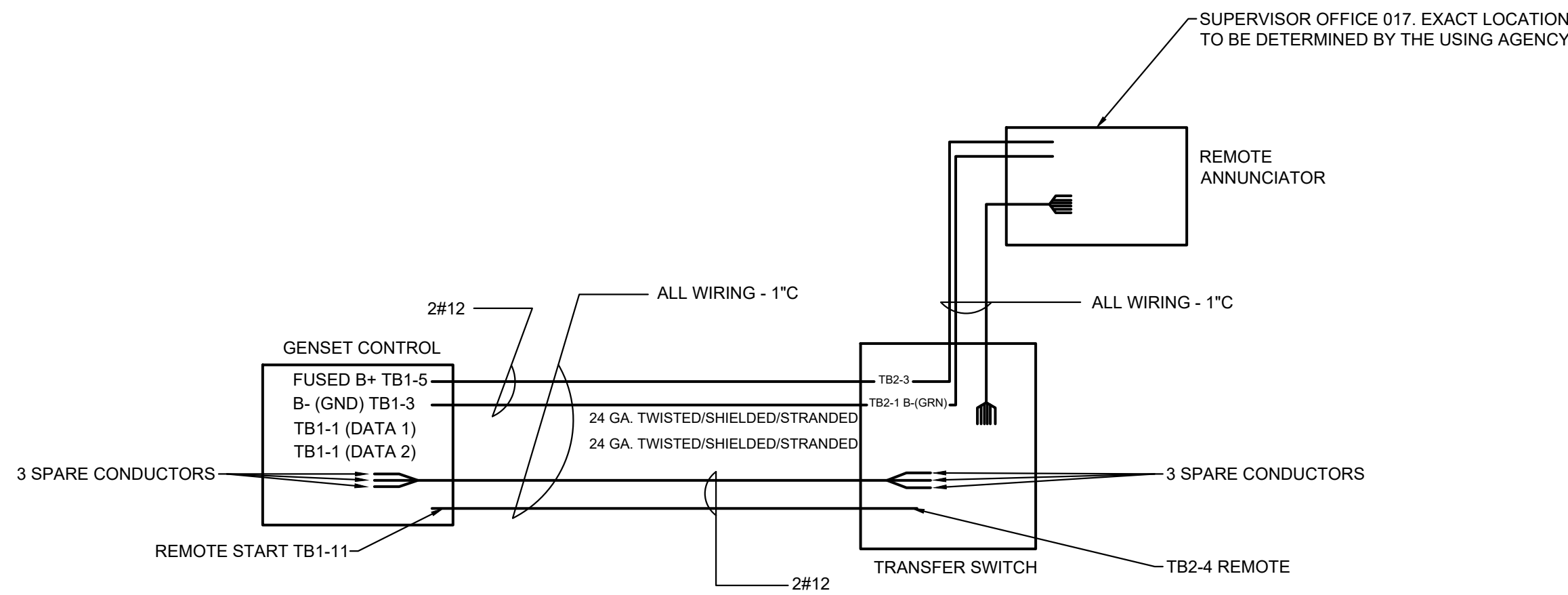
2 GENERATOR POWER CIRCUITS

NOT TO SCALE



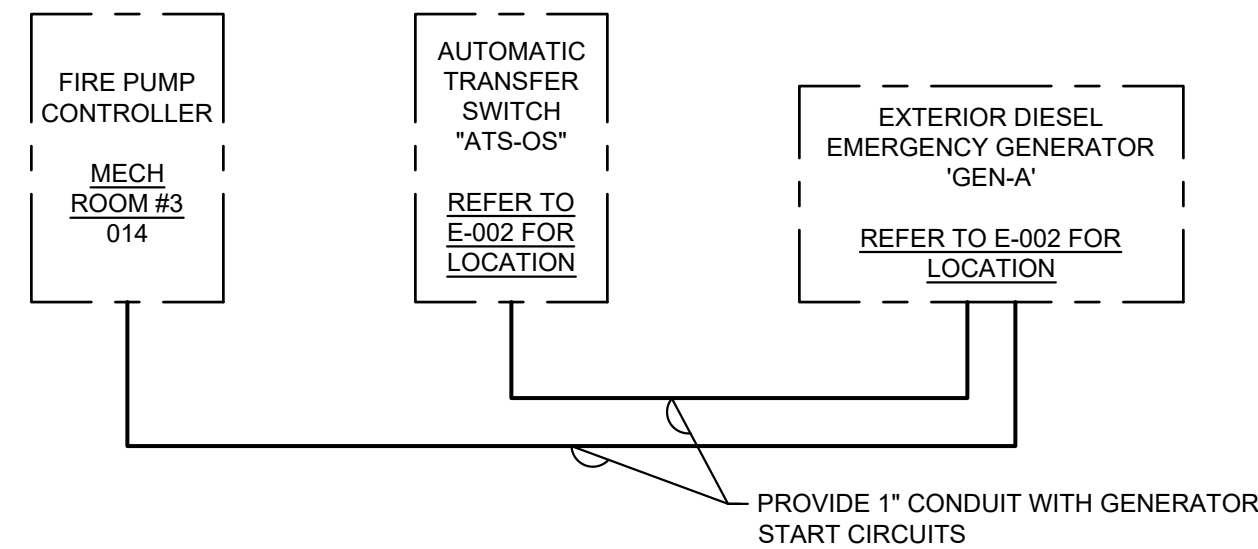
3 EMERGENCY GENERATOR CONCRETE BASE DETAIL

NOT TO SCALE



4 GENERATOR ANNUCIATOR WIRING DIAGRAM

NOT TO SCALE



5 GENERATOR START CONTROL DIAGRAM

NOT TO SCALE

RECORD REVISIONS			
PROFESSIONAL'S SIGNATURE DATE			
UpStreet ARCHITECTS, INC. 541 PHILADELPHIA ST. 911 MENOHER BLVD. INDIANA, PA 15701 JOHNSTOWN, PA 15905			
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA			
D.G.S. PROJECT No. C-0588-0015 PHASE 1			
LOYSVILLE YOUTH DEVELOPMENT CENTER- RENOVATIONS TO ZIMMERMAN- BINGAMAN (ZB) COTTAGE DEPARTMENT OF HUMAN SERVICES LOYSVILLE, TYRONE TOWNSHIP, PERRY COUNTY, PA			
DETAILS - ELECTRICAL			
VERIFY SCALE BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: 0 1 IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY	CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL.	DRAWN BY S. SMOLKO CHECKED BY S. MULHOLLEN	DATE 27 JUNE 2023 SCALE AS NOTED
	SHEET No. E-605		