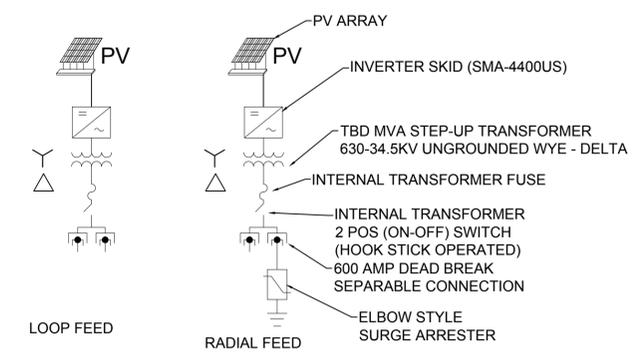


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DRAWING DESCRIPTION

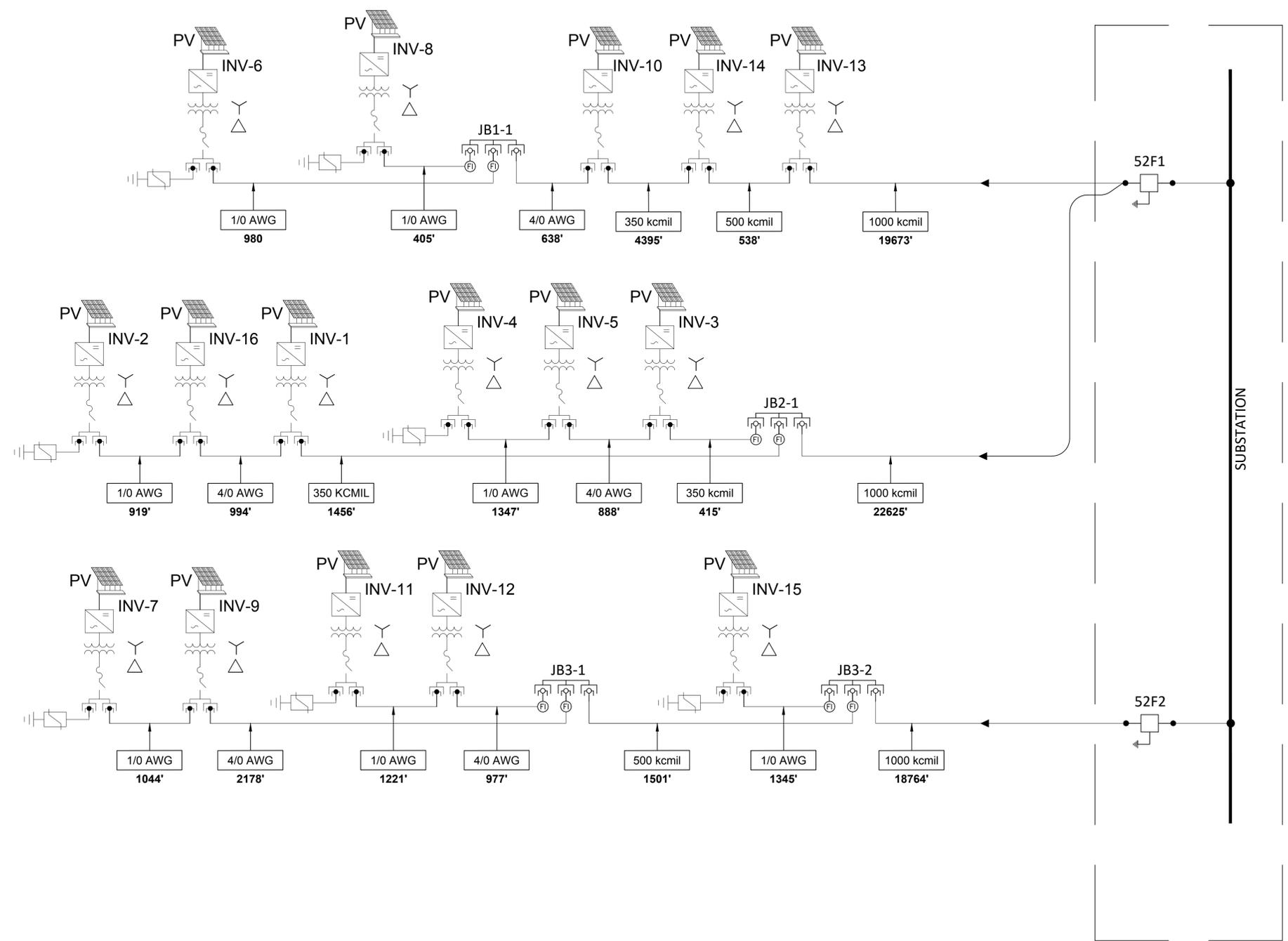
SINGLE LINE DIAGRAM

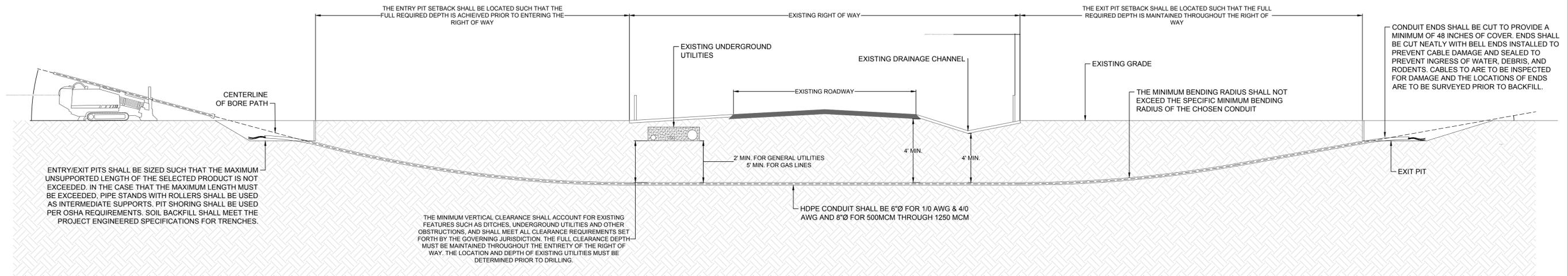
TYPICAL PV/ INVERTER / TRANSFORMER ARRANGEMENT



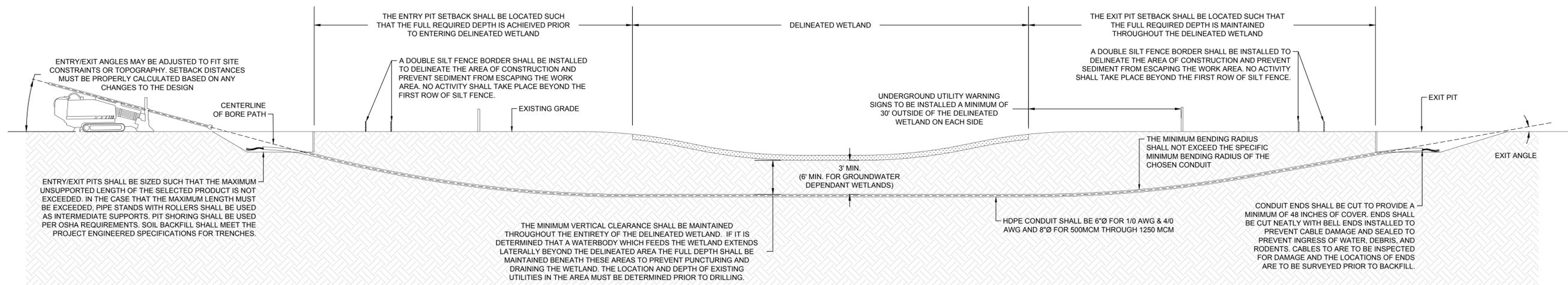
NOTES

1. CT & VT SENSORS ARE INTEGRATED INTO THE RECLOSER.
2. REVENUE METERING UNIT SUPPLIED BY OTHERS.
3. CABLE SIZES BASED ON THE FOLLOWING ASSUMPTIONS
 - THERMAL RESISTIVITY (RHO) = 200
 - EARTH TEMPERATURE = 30°C
 - LOAD FACTOR OF 0.75 FOR UG CABLES
 - ALL MEDIUM VOLTAGE CABLES ARE 105°C





UNDERGROUND UTILITY HDD ROAD CROSSING



UNDERGROUND UTILITY HDD WETLAND CROSSING

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