

FIGURE 15: PROPOSED PIEZOMETER LOCATION & ESTIMATED MINING TIMELINE MAP
 TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA

BASEMAP: DigitalGlobe, 3/24/2018 (0.46 m Resolution)

DRAWN BY: DEK
 CHECKED BY: SGR
 DRAWING DATE: 6/18/2020
 REVISION DATE: N/A
 TTL JOB NO.: 000180200804.00
 APPROX. SCALE: 1 in = 700 ft

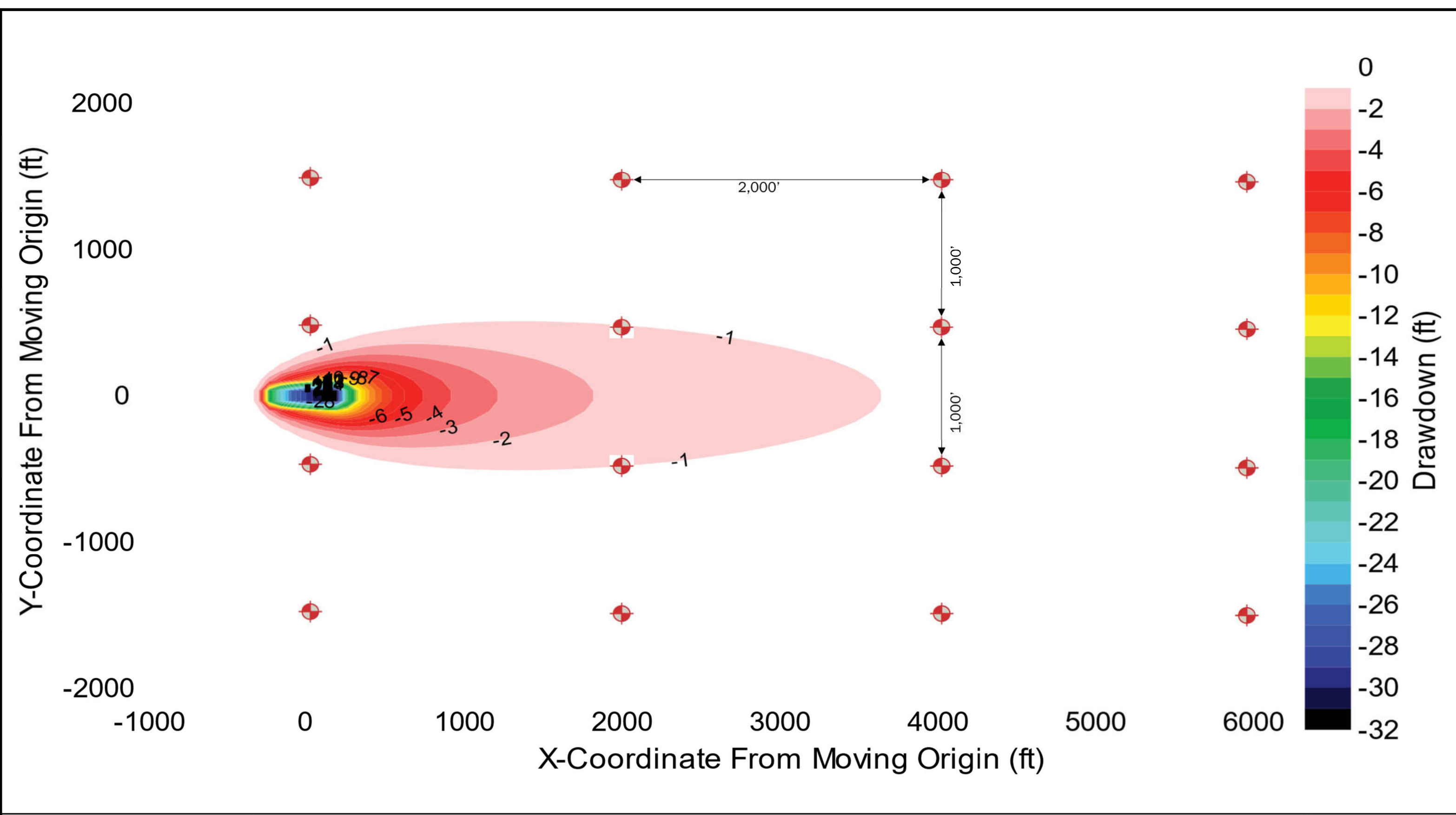


FIGURE 16: PREDICTIVE DRAWDOWN DUE TO THE MOVING MINE
 TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA

DRAWN BY: DEK
 CHECKED BY: SGR
 DRAWING DATE: 6/18/2020
 REVISION DATE: N/A
 TTL JOB NO.: 000180200804.00
 APPROX. SCALE:

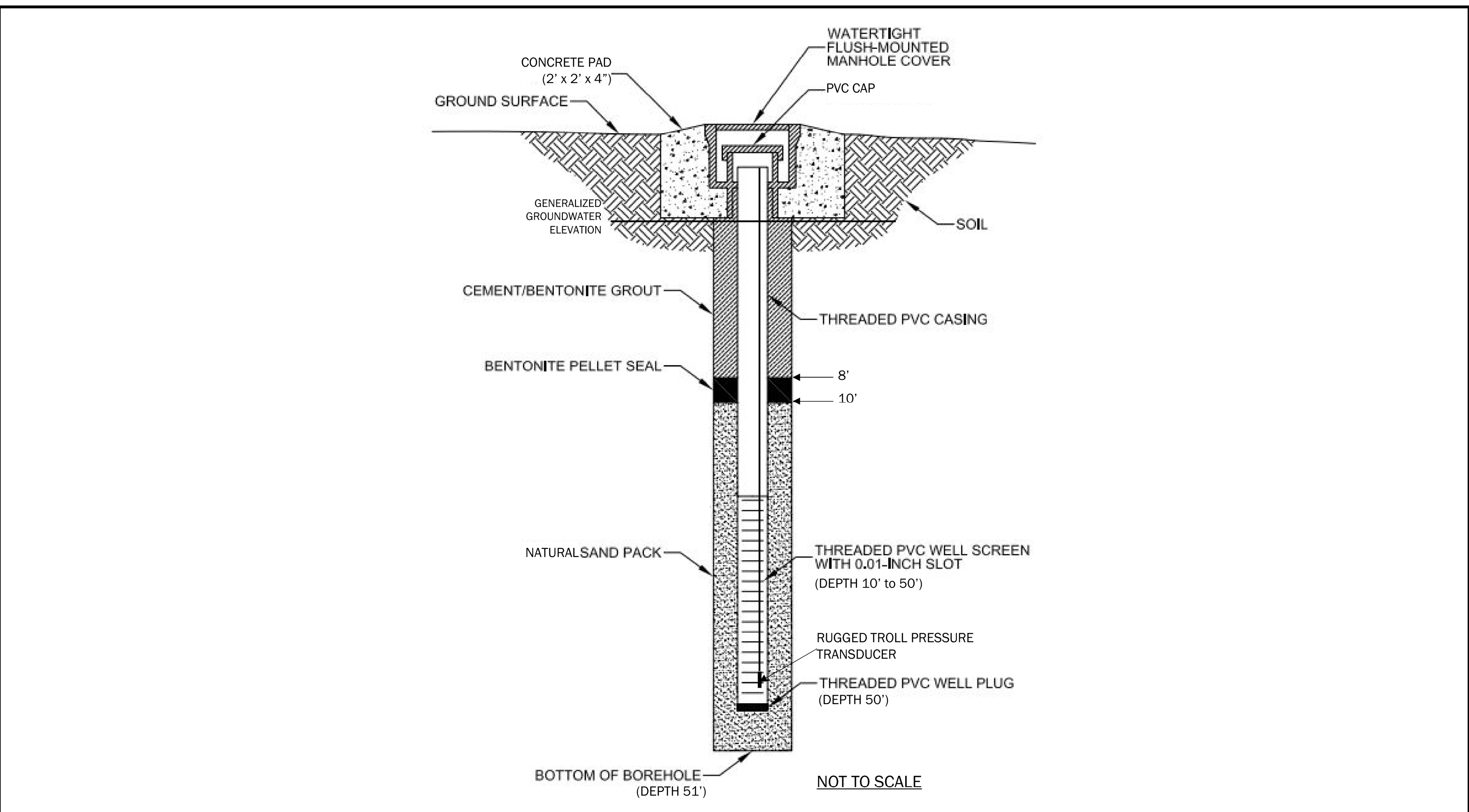


FIGURE 17: TYPICAL PIEZOMETER CONSTRUCTION DETAIL
 TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA

BASEMAP: DigitalGlobe, 3/24/2018 (0.46 m Resolution)

DRAWN BY: DEK
 CHECKED BY: SGR
 DRAWING DATE: 6/18/2020
 REVISION DATE: N/A
 TTL JOB NO.: 000180200804.00
 APPROX. SCALE:



FIGURE 18: SURFACE WATER & BACKGROUND WATER-QUALITY MONITORING LOCATIONS
 TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA

BASEMAP: DigitalGlobe, 3/24/2018 (0.46 m Resolution)

DRAWN BY: DEK
 CHECKED BY: SGR
 DRAWING DATE: 6/18/2020
 REVISION DATE: N/A
 TTL JOB NO.: 000180200804.00
 APPROX. SCALE: 1 in = 3,000 ft