

**Legend**

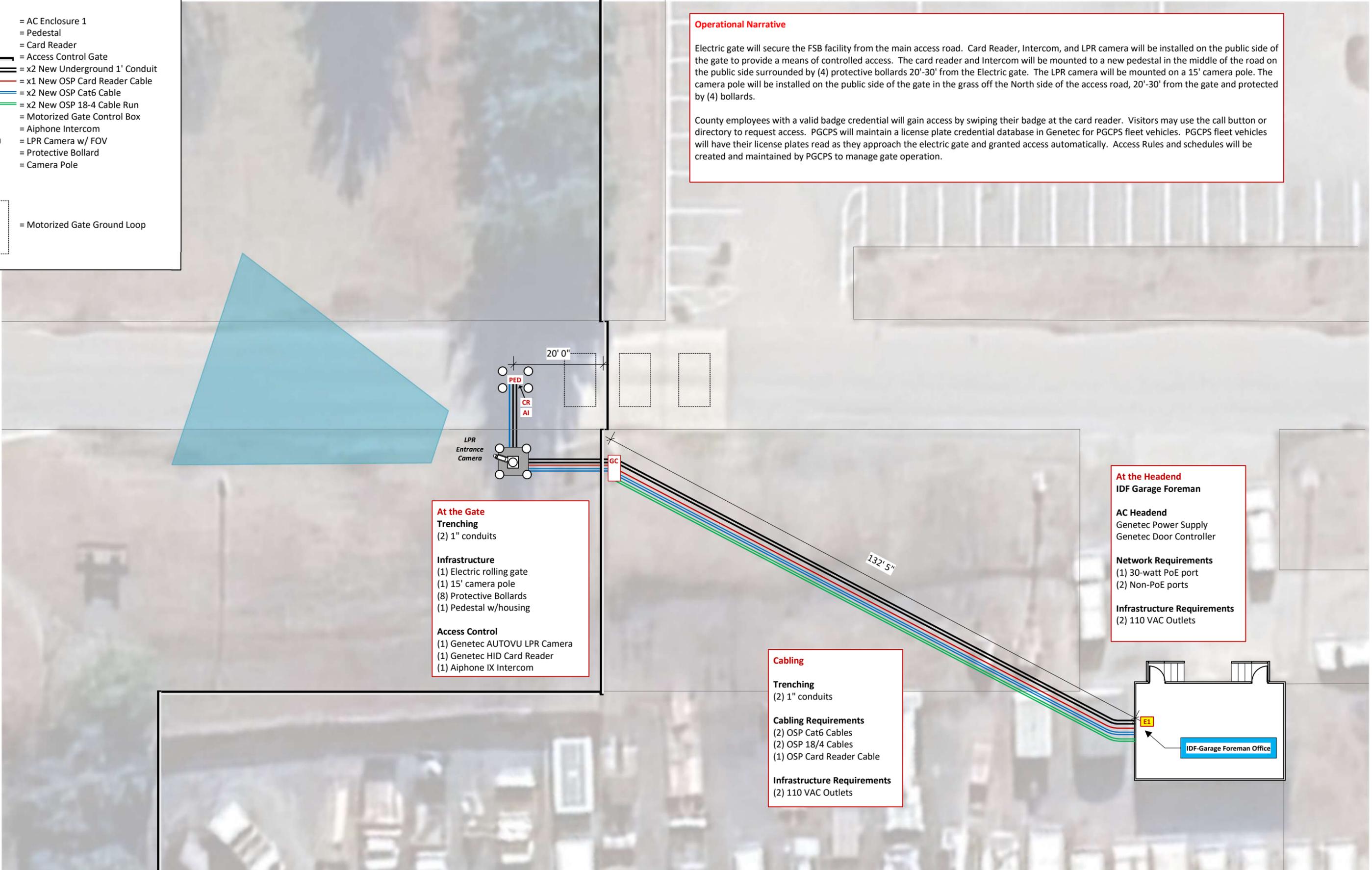
- E1 = AC Enclosure 1
- PED = Pedestal
- CR = Card Reader
- = Access Control Gate
- = x2 New Underground 1' Conduit
- = x1 New OSP Card Reader Cable
- = x2 New OSP Cat6 Cable
- = x2 New OSP 18-4 Cable Run
- GC = Motorized Gate Control Box
- AI = Aiphone Intercom
- = LPR Camera w/ FOV
- = Protective Bollard
- = Camera Pole

= Motorized Gate Ground Loop

**Operational Narrative**

Electric gate will secure the FSB facility from the main access road. Card Reader, Intercom, and LPR camera will be installed on the public side of the gate to provide a means of controlled access. The card reader and Intercom will be mounted to a new pedestal in the middle of the road on the public side surrounded by (4) protective bollards 20'-30' from the Electric gate. The LPR camera will be mounted on a 15' camera pole. The camera pole will be installed on the public side of the gate in the grass off the North side of the access road, 20'-30' from the gate and protected by (4) bollards.

County employees with a valid badge credential will gain access by swiping their badge at the card reader. Visitors may use the call button or directory to request access. PGCPs will maintain a license plate credential database in Genetec for PGCPs fleet vehicles. PGCPs fleet vehicles will have their license plates read as they approach the electric gate and granted access automatically. Access Rules and schedules will be created and maintained by PGCPs to manage gate operation.



**At the Gate**

**Trenching**  
(2) 1" conduits

**Infrastructure**  
(1) Electric rolling gate  
(1) 15' camera pole  
(8) Protective Bollards  
(1) Pedestal w/housing

**Access Control**  
(1) Genetec AUTOVU LPR Camera  
(1) Genetec HID Card Reader  
(1) Aiphone IX Intercom

**At the Headend**  
**IDF Garage Foreman**

**AC Headend**  
Genetec Power Supply  
Genetec Door Controller

**Network Requirements**  
(1) 30-watt PoE port  
(2) Non-PoE ports

**Infrastructure Requirements**  
(2) 110 VAC Outlets

**Cabling**

**Trenching**  
(2) 1" conduits

**Cabling Requirements**  
(2) OSP Cat6 Cables  
(2) OSP 18/4 Cables  
(1) OSP Card Reader Cable

**Infrastructure Requirements**  
(2) 110 VAC Outlets

https://skylinetechnologiesolutions.sharepoint.com/sites/Prince-George's-County-Public-Schools/Earth-Archive/Prince-George's-County-Public-Schools/FSB/