1. **GENERAL**
   1. **Section includes:**
      * + 1. Site security risk assessment
          2. Security measures.
   2. **References**
      1. Section 01 51 00 Temporary Facilities and Controls.
      2. Section 01 56 00 Temporary Barriers and Enclosures.
2. **EXECUTION**
   1. **Site Security Risk Assessment**
      1. A site security risk assessment shall be undertaken for construction projects at BCIT at the discretion of the Project Manager in consultation with BCIT Safety and Security Emergency Management (including Occupational Health and Safety – OH&S). The objective of the assessment is to determine risks and appropriate mitigation measures to ensure that the site is secure and safe. There is a particular concern on campus with students and staff accessing construction sites.
      2. The security assessment is to be led by the Project Manager and include BCIT Safety and Security Emergency Management, and any other relevant stakeholders, with the requirements included in scope of work. The assessment is to include project specific recommendations for discussion at the kick-off meeting. Based on these recommendations the Prime Contractor will generate a construction site security plan. Once approved, the execution and ongoing monitoring of this plan will become the responsibility of the Prime Contractor.
   2. **Security Measures**
      1. Construction sites with tower cranes, high scaffolding or significant fall risks must include the following mandatory measures in addition to those required by current adopted Codes/By-Laws of the Authority Having Jurisdiction:
      2. 2.44 metres (8-foot) high perimeter fencing or hoarding must be installed around the project site. Modular fencing to have bolted connections at each section. Entrance gates must be locked after work hours. “Trespassers will be prosecuted” signs must be placed at regular intervals along the site perimeter fencing/hoarding. Signage with security company name and contact number should also be provided.
      3. Base of tower cranes, construction elevator hoistways, and significant scaffolding structures must be wrapped in plywood to a height of at least 3.6 metres (12 feet). Access doors must be securely locked after hours.
      4. A clear communication protocol must be established between on-site site security personnel (if used), Prime Contractor, BCIT Campus Security, city/municipal police, and other key BCIT contacts (i.e. BCIT Project Manager). A written contact list should be prepared by the project manager and provided to all parties. New personnel who come onto site through the project must be appropriately oriented by the Prime Contractor.
      5. Other security measures that may be considered based on site risk assessment include:
3. Deployment of on-site security personnel outside of standard construction work hours. Numbers to be based on security assessment.
4. Security cameras around the site perimeter or at open routes that provide access up the structure (i.e. stairwells).
5. Addition of spiked tops to perimeter fencing/hoarding.
6. Motion-detector activated lights and horns on crane towers, elevator hoistways or major scaffolding.
7. Motion-activated lights on site perimeter facing into the construction site.
8. Other measures as deemed appropriate based on the risk assessment.

\*\*\* END OF **CONSTRUCTION SITE SECURITY** SECTION \*\*\*