### General Notes:

1. Coordinate back box and mud ring with video surveillance contractor prior to rough-in.
2. Provide optical fiber cabling (BY 271100) and media converter (BY 282300) for device network connection.
3. Provide category 6A cabling (BY 271100) for device network connection.
4. Provide category 6A wall phone device for device analog telephone line connection.
5. Single gang masonry back box acceptable for exterior camera location.
6. Single gang masonry back box acceptable for exterior mounted device.

### Reference Division 27 and 28 Rough-In Schedules for Telecommunications Devices and Connectivity of IP Devices.

Provide rough-in for hard-lid and open to structure ceilings. Mount flush in hard-lid ceilings and surface mount in open to structure ceilings.

Provide insulating bushing on conduit end at termination in accessible ceiling prior to cable installation.

Mounting heights noted on the schedule refer to center of back box.

### Access Control Rough-In Schedule

- **Device Name**: Electrified door strike
- **Description**: See note
- **QTY**: 1
- **Term Location**: Accessible clg space
- **Note**: Varies

- **Device Name**: Door position switch
- **Description**: See note
- **QTY**: 1
- **Term Location**: Accessible clg space
- **Note**: Varies

- **Device Name**: Card reader, mullion
- **Description**: See note
- **QTY**: 1
- **Term Location**: Accessible clg space
- **Note**: Varies

### Video Surveillance Rough-In Schedule

- **Device Name**: Catv outlet
- **Description**: See note
- **QTY**: 1
- **Term Location**: Accessible clg space
- **Note**: Varies

- **Device Name**: Ip camera
- **Description**: Multi-lens ip camera
- **QTY**: 1
- **Term Location**: Accessible clg space
- **Note**: Varies

### Mechanical Equipment Connection Schedule

- **Device Name**: Fire alarm control panel
- **Description**: See note
- **QTY**: 1
- **Term Location**: Accessible clg space
- **Note**: Varies

- **Device Name**: Access control panel
- **Description**: See note
- **QTY**: 1
- **Term Location**: Accessible clg space
- **Note**: Varies

- **Device Name**: Security camera
- **Description**: See note
- **QTY**: 1
- **Term Location**: Accessible clg space
- **Note**: Varies

### Notes:

- The notes and information are for a detailed understanding of the equipment and systems.
- Connect all conduit or cable runs and pipe runs where required. Checks are supported by the details shown on the drawings.
- Coordinating notations are provided for easy reference and identification.
- Equipment is sized and coordinated with the electrical and plumbing systems.
- All required connections are included in the drawings.
- All necessary risers and runs are included in the drawings.
- The drawings are to be used as a guide for the installation of the system components.
- All equipment and connections are to be verified by the appropriate professionals.
LIGHTING FIXTURE SCHEDULE

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<thead>
<tr>
<th>LIGHTING FIXTURE</th>
<th>DESCRIPTION</th>
<th>CODE</th>
<th>LIGHTS</th>
<th>FIXTURES</th>
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DATE: 07/21/2020

E0.4
SITE LIGHTING CALCULATION PLAN

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<tbody>
<tr>
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CALCULATION PLAN

SITE LIGHTING