Blinn Access Control and Interior Finish Upgrades
Bryan Campus, 2423 Blinn Blvd, Bryan, Texas 77802

CONSTRUCTION DOCUMENTS
Issue for Pricing February 28, 2022
Project Number 21054

MECHANICAL, PLUMBING AND ELECTRICAL ENGINEERS
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SECURITY CONSULTANT
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7600 Burnet Road, Suite 350
Austin, Texas 78757
Voice (512) 478-6001

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7600 Burnet Road, Suite 350
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### Door Schedule

<table>
<thead>
<tr>
<th>DOOR</th>
<th>SERIES</th>
<th>LEAF</th>
<th>SERIES</th>
<th>LOCATION</th>
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<tr>
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<td>H201</td>
<td>201</td>
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<td>Ext.</td>
</tr>
</tbody>
</table>

### General Notes - All Buildings

1. Locate field units at conditions prior to installation side by side.
2. GC shall provide all必要的 quantities and finishes to match. Any damage caused during the repair of wall sections must be restored to "like new" condition prior to Substantial Completion.
3. All場合は exterior trim and insides, including interior recesses, covered any exterior receivers in the field shall be covered.
4. In addition to the Architectural hardware, any non-field related areas are covered.
5. Refer to Door Schedule for architectural hardware and related notes.

### Keyed Notes

- Exterior trim
- GC Shall provide all必要的 quantities and finishes to match. Any damage caused during the repair of wall sections must be restored to "like new" condition prior to Substantial Completion.
- All場合は exterior trim and insides, including interior recesses, covered any exterior receivers in the field shall be covered.
- In addition to the Architectural hardware, any non-field related areas are covered.
- Refer to Door Schedule for architectural hardware and related notes.
- See Specifications for Architectural Notes.

### General Notes

1. GC must
1. GC shall protect all existing materials and finishes to remain. Any damage caused during the repair of wall sections must be restored to "like new" condition prior to Substantial Completion.
2. GC shall provide all必要的 quantities and finishes to match. Any damage caused during the repair of wall sections must be restored to "like new" condition prior to Substantial Completion.
3. GC shall provide all necessary materials, including interior recesses, covered any exterior receivers in the field shall be covered.
4. In addition to the Architectural hardware, any non-field related areas are covered.
5. Refer to Door Schedule for architectural hardware and related notes.
### Door Schedule

<table>
<thead>
<tr>
<th>Door</th>
<th>Door Type</th>
<th>Location</th>
<th>Exit Device</th>
<th>Notes</th>
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<td>T201</td>
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<td>Int.</td>
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</tr>
<tr>
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<td>Ext.</td>
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</tr>
<tr>
<td>D201</td>
<td>Single PLAM</td>
<td>Ext.</td>
<td>--</td>
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</tr>
</tbody>
</table>

### General Notes - All Buildings

1. All doors shall comply with the conditions prior to contractor's work.
2. GC shall provide all necessary preparations and finishes to interior reverses. Any damage caused during the course of normal reverses must be restored to "like new" condition prior to Substantial Completion.
3. All materials shall be installed, including prefinished materials, conceal any necessary work within the standard frame.
4. GC shall ensure electrical and security data for each area of work related to access.
5. Refer to Door Schedule for architectural hardware and related notes.

### Keyed Notes

#### Alternate 1
- Furnish and install new electrified mortised lever set.
- Replace existing latch catches with electrified rim strikes.
- Provide plate sized to fully cover evidence of removed device.

#### Alternate 2
- Replace existing with keyed mullion.
- Furnish and install stainless steel cover plate.
- Provide plate sized to fully cover evidence of removed device.

### Project Information

Upgrade to Blinn Access Control and Interior Finishes

- Project:
  - Bryan Campus, 2423 Blinn Blvd, Bryan, TX 77803
  - General Contractor: The Arkex Studio, Inc.
  - 1/18/22
  - 2/28/22
  - 8/17/22

- Bryan Campus
  - Bryan, TX 77802
  - 979-241-1200
  - F409/371-8291
  - www.arkex.com
GENERAL NOTES - ALL BUILDINGS

1. All areas shall be kept in good condition prior to construction.
2. GC shall protect all existing materials and finishes.
3. At all magnetic lock removal locations, including previous removals, conceal any remaining wires within the storefront frames.
4. Door schedules for architectural hardware and related notes.
5. Refer to Electrical and Security drawings for scope of work related to access remains.
6. Remove inactive security panel, terminate wires, and furnish and install blank cover plate.
7. Remove card reader at interior wall, terminate wires, and furnish and install blank cover plate.
8. Remove or existing security panel terminators, and furnish and install cover plates. Provide new covers to fully cover evidence of removed device.
9. Remove pull and push button at interior wall, terminate wires, and furnish and install cover plates. Provide new covers to fully cover evidence of removed device.
10. Remove existing latch catches with electrified rim strikes.
### General Notes - All Buildings

1. All existing doors shall be held open by all existing programming while the works are in progress. This may mean removal during the exposure of work on doors or for safety. If damage occurs during the exposure of work on doors, it will be restored or converted to an "open" condition prior to return to the "pre-existing" condition. Refer to Door Schedule for architectural hardware and related notes.

2. Interior doors shall be held open to permit access to the building while the works are in progress. This may mean removal during the exposure of work on doors or for safety. If damage occurs during the exposure of work on doors, it will be restored or converted to an "open" condition prior to return to the "pre-existing" condition. Refer to Door Schedule for architectural hardware and related notes.

3. Exterior doors shall be held open to permit access to the building while the works are in progress. This may mean removal during the exposure of work on doors or for safety. If damage occurs during the exposure of work on doors, it will be restored or converted to an "open" condition prior to return to the "pre-existing" condition. Refer to Door Schedule for architectural hardware and related notes.

### Keyed Notes

- Order of works shall be held open while the works are in progress. This may mean removal during the exposure of work on doors or for safety. If damage occurs during the exposure of work on doors, it will be restored or converted to an "open" condition prior to return to the "pre-existing" condition. Refer to Door Schedule for architectural hardware and related notes.

- Interior doors shall be held open to permit access to the building while the works are in progress. This may mean removal during the exposure of work on doors or for safety. If damage occurs during the exposure of work on doors, it will be restored or converted to an "open" condition prior to return to the "pre-existing" condition. Refer to Door Schedule for architectural hardware and related notes.

- Exterior doors shall be held open to permit access to the building while the works are in progress. This may mean removal during the exposure of work on doors or for safety. If damage occurs during the exposure of work on doors, it will be restored or converted to an "open" condition prior to return to the "pre-existing" condition. Refer to Door Schedule for architectural hardware and related notes.

### Key Plan

- BUILDING T - FIRST FLOOR PLAN

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**Figure Caption:**

- Upgrade to Blinn Access Control and Interior Finishes
- 300 E. Bryan St., College Station, TX 77840
- A2.14

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**Section:**

- 15th Floor
- 10th Floor
- 9th Floor
- 8th Floor
- 7th Floor
- 6th Floor
- 5th Floor
- 4th Floor
- 3rd Floor
- 2nd Floor
- 1st Floor
- Basement

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**Legend:**

- Door Schedule
- General Notes
- Keyed Notes
- Key Plan
- Building T - First Floor Plan

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**Table:**

<table>
<thead>
<tr>
<th>Door</th>
<th>Schedule</th>
<th>Location</th>
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**Footnote:**

- Refer to Door Schedule for architectural hardware and related notes.
- See Specifications for Blinn Access and Interior Finishes.
GENERAL NOTES - ALL BUILDINGS

1. GC must read and understand project documentation prior to the work.
2. GC shall provide all necessary materials and finishes in a timely fashion. Any damage caused during the installation, removal, or the return of "'free'" materials shall be the responsibility of the GC.
3. GC shall ensure all materials and finishes are installed in accordance with the project specifications.
4. GC shall protect all existing materials and condition prior to proceeding with the work.
5. GC shall ensure all work is completed in a manner that minimizes disruption to the building.
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7. GC shall ensure all work is completed in a manner that minimizes disruption to the building.
8. GC shall ensure all work is completed in a manner that minimizes disruption to the building.
9. GC shall ensure all work is completed in a manner that minimizes disruption to the building.
10. GC shall ensure all work is completed in a manner that minimizes disruption to the building.

KEYED NOTES

1. Remove inactive security panel, terminate wires, and furnish and install stainless steel cover plate.
2. Remove push exit button at interior wall, terminate wires, and patch hole prior to painting.
3. Remove card reader at interior wall, terminate wires, and furnish and install stainless steel cover plate.
4. Remove mag lock and door contact(s).

ADDITIONAL NOTES

1. Remove concealed vertical rods.
2. See Specifications for Bid Items and Alternates.
3. At all magnetic lock removal locations, including previous removals, conceal any remaining wires within the door frame trim frame.
4. Refer to Door Schedule for architectural hardware and related notes.
5. Refer to Electrical and Security drawings for scope of work related to access control.

PROJECT CONSULTANT
The Arkitex Studio, Inc.
3068 Royal Ave.
Bryan, TX 77802
F: (979) 271-1207
www.arkitex.com

Specs:
- Building T - Second Floor Plan
- Door Schedule
- Key Plan
- General Notes
- Keyed Notes
- Additional Notes

21054, Bryan Campus, 2423 Blinn Blvd, Bryan, Texas 77802
Revisions

Date: 2/28/22

Upgrades to
CLASSROOM NUMBER

New chair rail
New wall protection
New rubber wall base
New paint above chair rail
Existing door, typ.
New chair rail, wall protection, and corner guards at column furr outs
New corner guard, typ. all outside corners
Reinstall room signs per TAS / ADA requirements
Column where occurs Column where occurs
9'-0"

NOTE: Field verify chair rail height with Architect prior to commencement of work.

Existing carpet
New transition strip
New LVT flooring

Scale: 1/4" = 1'-0"

Refer to 1/A2.6, 1/A2.12

Interior Elevation - Typ. Corridor

Refer to 1/A2.12

FLOORING TRANSITION DETAIL (BLDG C)

Refer to 1/A2.4

1/4" = 6"

INTERIOR ELEVATION - TYP. FOUNTAIN AREA

Refer to 1/A2.6, 1/A2.12

SAME SCALE AS ORIGINAL DRAWING

NOTE: Field verify chair rail height with Architect prior to commencement of work.

Existing water fountains
Paint wall full height with semigloss at water fountain areas
New chair rail and wall protection
New paint above chair rail
New rubber wall base
Existing door
New corner guard, typ. all outside corners
New corner guard, typ. all outside corners

Scale: 1/4" = 1'-0"
Upgrades to Blinn Access Control and Interior Finishes
Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802

Project 21054
February 2022

Randall J. Rogers

Building A - First Floor Plan

Scale: 1/8" = 1'-0"

Plan North

Refer to security system drawings (SC series) for additional boxes, conduit and other electrical scope to be provided by the electrical contractor.

Access Control Panel - Hardwired to indicated circuit.
2#12, 1#12 ground in 1/2" conduit. Connect to a spare 20A/1P breaker in existing panel CL2.

Location of existing panel CL2.

KEYED PLAN NOTES

- Access Control Panel - Hardwired to indicated circuit.
- 2#12, 1#12 ground in 1/2" conduit. Connect to a spare 20A/1P breaker in existing panel CL2.
- Location of existing panel CL2.

Refer to security system drawings (SC series) for additional boxes, conduit and other electrical scope to be provided by the electrical contractor.
Plan North

Upgrades to Blinn Access Control and Interior Finishes

Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802

Project 21054
February 2022

RANDY N. ROGERS

Building A - Second Floor Plan

Scale: 1/8" = 1'-0"
Upgrades to Blinn Access Control and Interior Finishes
Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802

Project 21054
February 2022

RANDY N. ROGERS
SPECIALIST

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
Plan North

Upgrades to Blinn Access Control and Interior Finishes

Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802

Project 21054
February 2022

RANDY N. ROGERS

KEYED PLAN NOTES

1. ACCESS CONTROL PANEL. HARDWIRED TO INDICATED CIRCUIT.
2. #12, 1#12 GROUND IN 1/2" CONDUIT.
3. CONNECT TO A SPARE 20A/1P BREAKER IN EXISTING PANEL BC.
4. LOCATION OF EXISTING PANEL BC.

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
Upgrades to Blinn Access Control and Interior Finishes

Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802

Project 21054
February 2022

RANDY N. ROGERS

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
Upgrades to Blinn Access Control and Interior Finishes
Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802
Project 21054
February 2022

Keyed Plan Notes:
1. Access Control Panel: Hardwired to indicated circuit.
2. #12, #12 Ground in 1/2" conduit. Connect to a new 20A/1P breaker installed in available space in existing panel A2.
3. Location of existing panel A2.

Refer to security system drawings (SC Series) for additional boxes, conduit and other electrical scope to be provided by the electrical contractor.
Plan North

Upgrades to Blinn Access Control and Interior Finishes

Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802

Project 21054
February 2022

KEYED PLAN NOTES

ACCESS CONTROL PANEL. HARDWIRED TO INDICATED CIRCUIT.
2#12, 1#12 GROUND IN 1/2" CONDUIT. CONNECT TO A NEW 20A/1P BREAKER INSTALLED IN AVAILABLE SPACE IN EXISTING PANEL 2AL3.
LOCATION OF EXISTING PANEL 2AL3.

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
Upgrades to Blinn Access Control and Interior Finishes
Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802
Project 21054
February 2022

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
UPGRADES TO BLINN ACCESS CONTROL AND INTERIOR FINISHES

Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802

Project 21054
February 2022

RANDY N. ROGERS
GSIONAL
EDICION
TEXAS
02-28-22

BUILDING F - SECOND FLOOR PLAN
Scale: 1/8" = 1'-0"

KEYED PLAN NOTES
1. ACCESS CONTROL PANEL, HARDWARE TO INCLUDE BOX AND CABLE.
2. REWORK EXTENSION OF CONTROL COMMUTER 22/2 MIN. INSULATED IN 1/2" CONDUIT. CONNECT TO A NEW 20A/3P BREAKER INSTALLED IN AVAILABLE SPACE IN EXISTING PANEL 2EL.
3. LOCATION OF EXISTING PANEL 2EL.

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
Plan North
Upgrades to Blinn Access Control and Interior Finishes
Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802
Project 21054
February 2022

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
KEYED PLAN NOTES

ACCESS CONTROL PANEL. HARDWIRED TO INDICATED CIRCUIT.
2#12, 1#12 GROUND IN 1/2" CONDUIT. CONNECT TO A NEW 20A/1P BREAKER INSTALLED IN AVAILABLE SPACE IN EXISTING PANEL 2FL.

LOCATION OF EXISTING PANEL 2FL.

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
Plan North

Upgrades to Blinn Access Control and Interior Finishes

Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802

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February 2022

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
Access control panel, hardwired to indicated circuit. 2#12, 1#12 ground in 1/2" conduit. Connect to a new 20A/1P breaker installed in available space in existing panel 2DL. Location of existing panel 2DL.

Refer to security system drawings (SC SERIES) for additional boxes, conduit and other electrical scope to be provided by the electrical contractor.
Plan North
Upgrades to Blinn Access Control and Interior Finishes
Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802
Project 21054
February 2022
RANDY N. ROGERS
SIGNATURE
PROFESSIONAL ENGINEER
TEXAS 82143

BUILDING T - FIRST FLOOR PLAN
Scale: 1/8" = 1'-0"

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
Plan North

Upgrades to Blinn Access Control and Interior Finishes
Blinn Bryan Campus, 2423 Blinn Blvd., Bryan, Texas 77802

Project 21054
February 2022

RANDY N. ROGERS
SGI PROFESSIONAL SERVICES

BUILDING T - SECOND FLOOR PLAN
Scale: 1/8" = 1'-0"

KEYED PLAN NOTES
1. ACCESS CONTROL PANEL. HARDWARE TO BE PROVIDED BY ELECTRICIAN.
2. ALL WIRING TO BE INSTALLED IN 1/2" CONDUIT. CONNECT TO A NEW 20A/1P BREAKER INSTALLED IN AVAILABLE SPACE IN EXISTING PANEL IDENTIFIED BY KEYED NOTE 3.
3. LOCATION OF EXISTING PANEL.

REFER TO SECURITY SYSTEM DRAWINGS (SC SERIES) FOR ADDITIONAL BOXES, CONDUIT AND OTHER ELECTRICAL SCOPE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
1. Secure security card to the security wall, field located on the 1st floor electrical room (105).
2. Provide existing conduit alignment and pipe support for field devices. The existing conduit and pipe work are not shown. It is acceptable to provide the security wall in said to the field device.
3. Security contractor shall provide existing access control system, including card readers, controllers, and card issuing panels. Security contractor shall coordinate the existing access control system with the existing alarm system and access control system

**Note:**
- Appropriate for location above accessible ceiling field. Verify mounting location for optimal signal to access. Security contractor to use separate antenna in receiving. Each field shall have one run wiring for power and communication to respective security wall.
- When door in card access controlled, the door operator/pushbutton system is disabled. A valid card read will open the door and enables door operator pushbutton switch.
- Provide interface to existing door operator pushbutton switch. Interface provides request-to-don input to access control system when door operator switch is activated.
- Door monitoring unit shall be shown upon valid card read.
- Door shall have dedicated input and output from the access control panel to independently control and monitor the opening.
- Alternate 1.
- Location of existing telecom room.
- Wall shall be dimensioned for existing telecom room.
SC2.05

Refer to BUILDING C 2ND FLOOR - SECURITY

Scale: 1/8" = 1'-0"

1. Route Security Cabling to the Security Wall Pass located in the 2nd floor mechanical room (2257)
2. Where existing conduit exists the new runs shall be placed in that existing conduit. Where existing conduit does not exist it is acceptable to feed-new the security cable in accordance to that shown.

- Approximate Fire Location and/or accessible ceiling field should have mounting location for optical signal to address. Security Contractor to use secure antenna to reception. Each pass will have more pin locations for ease and communication to respective security wall field.

- Location of existing telecom room.
- Cable will be terminated in existing telecom room.
SC2.06

Refer to BUILDING D 1ST FLOOR - SECURITY

Scale: 1/8" = 1'-0"
SC2.07 Refer to BUILDING D 2ND FLOOR - SECURITY

Scale: 1/8" = 1'-0"

1. Route security cables to the security wall, field located in the 2nd floor electrical room (203).
2. Position system control modules and access points for multiple doors, where existing controls and force-bias are not present. It is acceptable to free-run the security cable in wall to the field office.
3. Approximate panel location above accessible ceiling. Field verify mounting location for optimal signal to security system and communication field. Each panel shall have same run number for power and communication field. Respect security wall field.
4. Location of existing telephone room.
5. Cable will be terminated on existing telephone room.

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1. Route security cabling to the security wall field located in the 2nd floor wine room (C209).

2. Please existing conduit openings and chase spaces for new devices. Note: Existing conduit and chase spaces are not shown; it is acceptable to reuse the security cable in any of the listed spaces.

3. Approximate fan location. Observe accessible ceiling field. Verify mounting location for optimal signal to adjacent security controller. Use existing antenna in recreation room for small move. Air conditioning for future and communication to registered security wall field.

4. When door is card access controlled, the door operator/actuator switch system is disabled. A valid card reads access door and engages door operator/actuator switch.

5. Provide interface to existing door operator/actuator switch. Interface provides request-to-enter input to access control system when door operator/actuator switch is activated.

6. Electric eye device with interlock for switch and monitoring by air gate. Opening shall have designated notice and output from the access control panel to control and monitor the opening.

7. ALTERNATE 1.
1) House security cabinets in the security hall field located on the 2nd floor mechanical room floor.

2) Service existing console backwindow and backcover for field service people. Existing console and back cover are not present and is acceptable to fire as the security panel is on wall in the first floor.
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SC2.13

Refer to BUILDING H 2ND FLOOR - SECURITY

Scale: 1/8" = 1'-0"
BILL OF MATERIALS

1. Route Security Cabling to the Security Wall Panel located at the Fire Alarm Control Panel.

2. Provide existing conduitgänge and pull boxes for field termination. Existing conduit and pull boxes are to be used if acceptable. The security panels shall be located in accordance with the diagram.

3. Location of existing telephone room.

4. Fire wall will be penetrated for existing telephone room.

5. Approximate fan location above accessible ceiling field. Verify mounting location for optimal signal to adjacent security equipment. To use remote antenna in reception, each fan shall have home run wiring for power and communication to respective security panel field.

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1. Refer to BUILDING T 1ST FLOOR - SECURITY
2. Scale: 1/8" = 1'-0"

- When door is card access controlled, the door operator pushbutton switch is disabled. A valid card reads unlocks door and enables door operator pushbutton switch.
- Provide interface to existing door operator pushbutton switch. Interface provides request-to-exit input to access control system when door operator switch is actuated.
- When controller is card access controlled, the controller call button is disabled. A valid card reads enables controller call button.
- Elevators shall have dedicated inputs and outputs from the access control panel to independently control and unlock the elevator.