

# IDEA PUBLIC SCHOOLS SAFETY AND SECURITY IMPROVEMENTS VARIOUS CAMPUSES - RIO GRANDE VALLEY

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Dolores Gonzalez	Chief Program Officer
Leanne Hernandez	Chief Financial Officer
Cody Grindle	Chief Information Officer
Jessica Hess	Chief Compliance and Administrative Officer
Jill Dominguez	Regional Superintendent

## D R A W I N G I N D E X

### IDEA ALAMO

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - BLDG. A THROUGH BLDG. E
A2.02	FLOOR PLANS - BLDG. F, G & PORTABLES
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - BLDG. A THROUGH BLDG. D
E2.02	TECHNOLOGY PLAN - BLDG. E, G & PORTABLES

### IDEA BROWNSVILLE

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - 1ST FLOOR
A2.02	FLOOR PLANS - 2ND FLOOR & PORTABLES
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - 1ST FLOOR
E2.02	TECHNOLOGY PLAN - 2ND FLOOR

### IDEA DONNA

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - BLDG. A 1ST & 2ND FLOOR
A2.02	FLOOR PLANS - BLDG. C THROUGH BLDG. E
A2.03	FLOOR PLANS - BLDG. F, G, & PORTABLES
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - BLDG. A, B, AND C
E2.02	TECHNOLOGY PLAN - BLDG. D, E, F, AND G

### IDEA EDINBURG

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - BLDG. A
A2.02	FLOOR PLANS - BLDG. B
A2.03	FLOOR PLANS - BLDG. C & PORTABLES
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - BLDG. A & B
E2.02	TECHNOLOGY PLAN - BLDG. GYM

### IDEA EDINBURG TOROS

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - BLDG. A
A2.02	FLOOR PLANS - BLDG. B, C, & E
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - BLDG. A
E2.02	TECHNOLOGY PLAN - BLDG. B, C, & E

### IDEA ELSA

A1.01	OVERALL SITE PLAN
A2.00	FLOOR PLANS - 1ST & 2ND FLOOR
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - 1ST FLOOR
E2.02	TECHNOLOGY PLAN - 2ND FLOOR

### IDEA FRONTIER

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - BLDG. A THRU BLDG. D
A2.02	FLOOR PLANS - BLDG. E THROUGH BLDG. H & PORTABLES
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - BLDG. A, D, E, & F
E2.02	TECHNOLOGY PLAN - BLDG. B, C, G, & H

### IDEA MCALLEN

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - OFFICE AND CLASSROOM BLDG.
A2.02	FLOOR PLANS - 1ST & 2ND FLOOR MAIN BLDG.
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN -
E2.02	TECHNOLOGY PLAN -

### IDEA QUEST

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - BLDG. A THROUGH BLDG. D
A2.02	FLOOR PLANS - BLDG. E THROUGH H & PORTABLES
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - BLDG. A THROUGH F
E2.02	TECHNOLOGY PLAN - BLDG. G, H & PORTABLES

### IDEA TRES LAGOS

A1.01	OVERALL SITE PLAN
A2.00	FLOOR PLANS - 1ST & 2ND FLOOR
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - 1ST FLOOR
E2.02	TECHNOLOGY PLAN - 2ND FLOOR

### IDEA MISSION

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - BLDG. A, B, & C
A2.02	FLOOR PLANS - BLDG. D & E
A2.03	FLOOR PLANS - BLDG. F
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - BLDG. A, B, & C
E2.02	TECHNOLOGY PLAN - BLDG. D, E, & F

### IDEA PHARR OWASSA

A1.01	OVERALL SITE PLAN
A2.00	FLOOR PLANS - 1ST & 2ND FLOOR
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - 1ST FLOOR
E2.02	TECHNOLOGY PLAN - 2ND FLOOR

### IDEA RIO GRANDE CITY

A1.01	OVERALL SITE PLAN
A2.00	FLOOR PLANS - 1ST & 2ND FLOOR
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - 1ST FLOOR
E2.02	TECHNOLOGY PLAN - 2ND FLOOR

### IDEA SAN BENITO

A1.01	OVERALL SITE PLAN
A2.01	FLOOR PLANS - BLDG. A, B, & C
A2.02	FLOOR PLANS - BLDG. D & E
A2.03	FLOOR PLANS - BLDG. F, G, & PORTABLES
A3.01	SCHEDULES AND DETAILS
E1.01	TECHNOLOGY SITE PLAN
E2.01	TECHNOLOGY PLAN - BLDG. A, B, C, E, & F
E2.02	TECHNOLOGY PLAN - BLDG. D & GYM

### GENERAL ELECTRICAL

E1.01	ELECTRICAL SPECIFICATIONS AND NOTES
E1.02	ELECTRICAL DETAILS

### ARCHITECTS

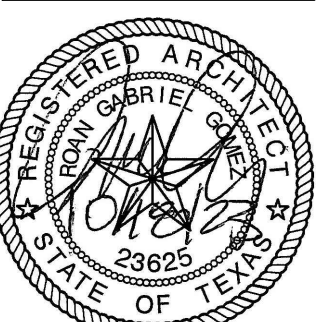
#### GOMEZ MENDEZ SAENZ, INC.

1150 PAREDES LINE RD. BROWNSVILLE, TX. 78521  
PH. (956) 546-0110 FAX. (956) 546-0196

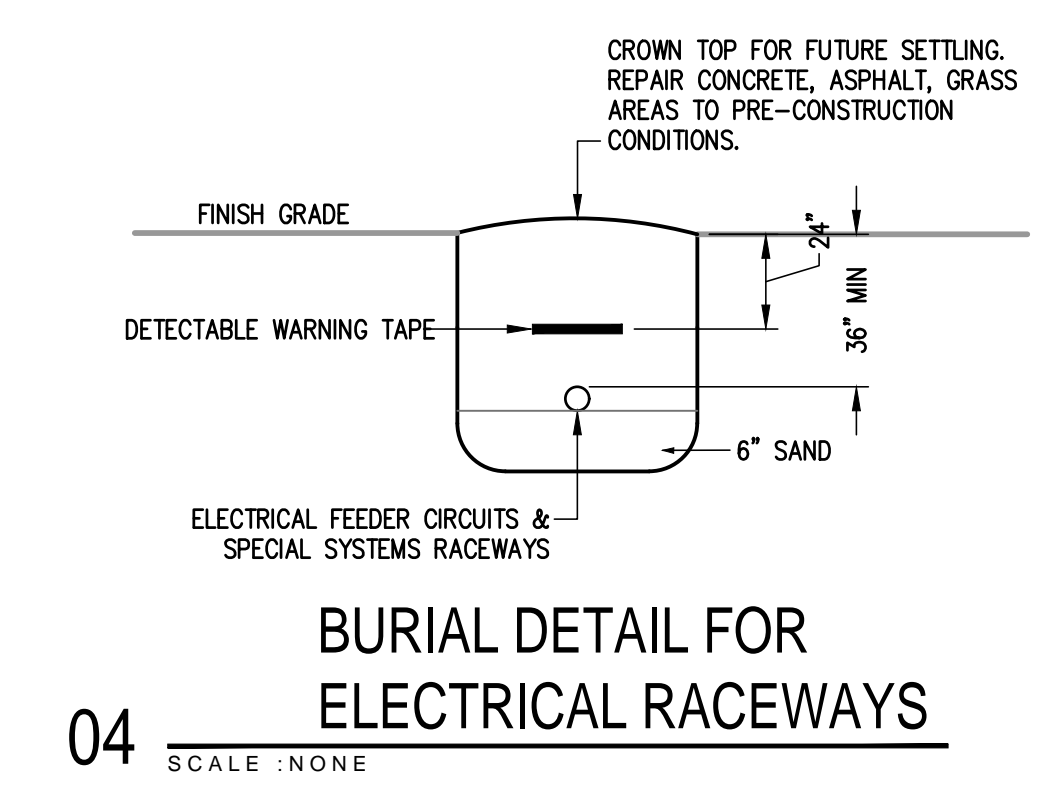
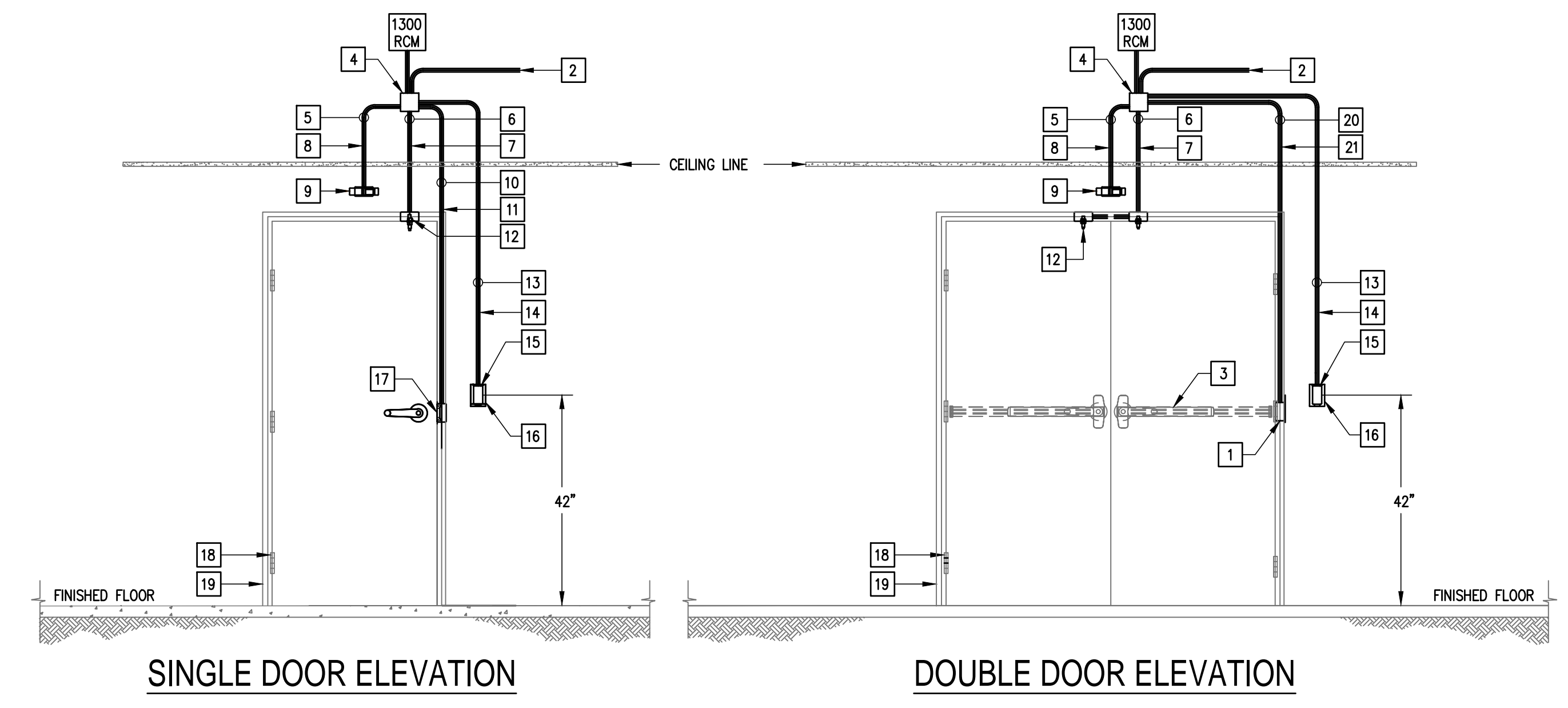
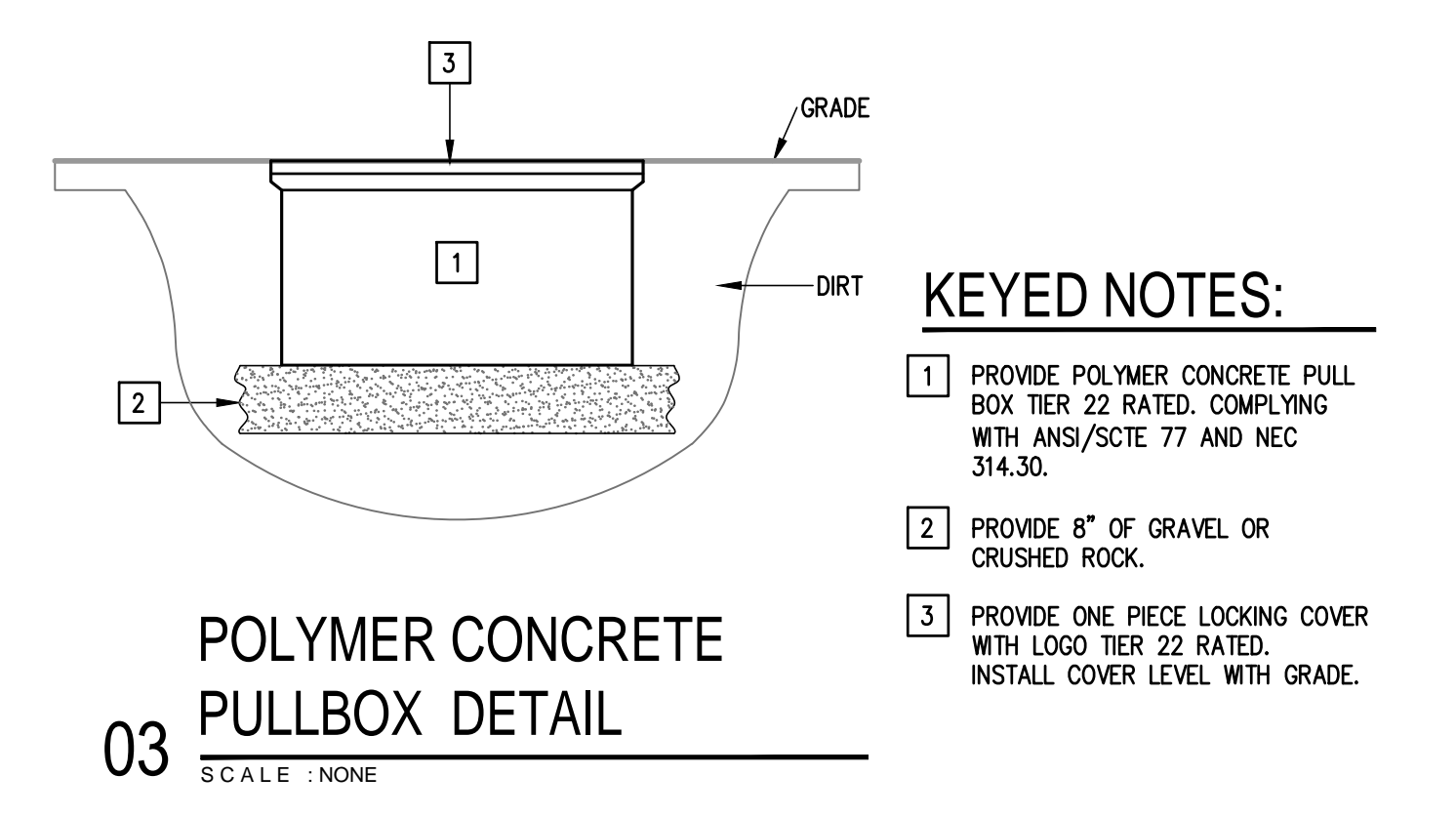
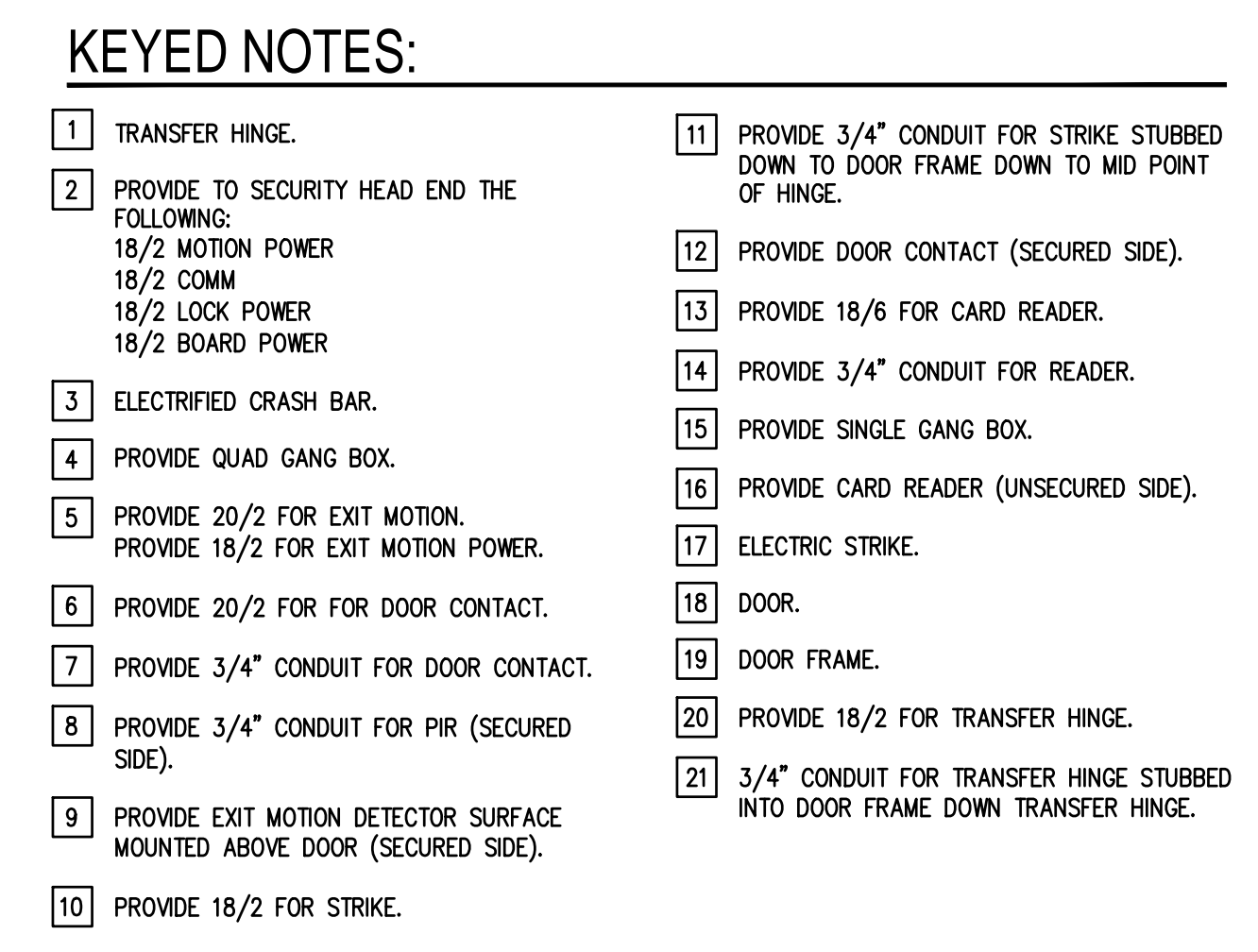
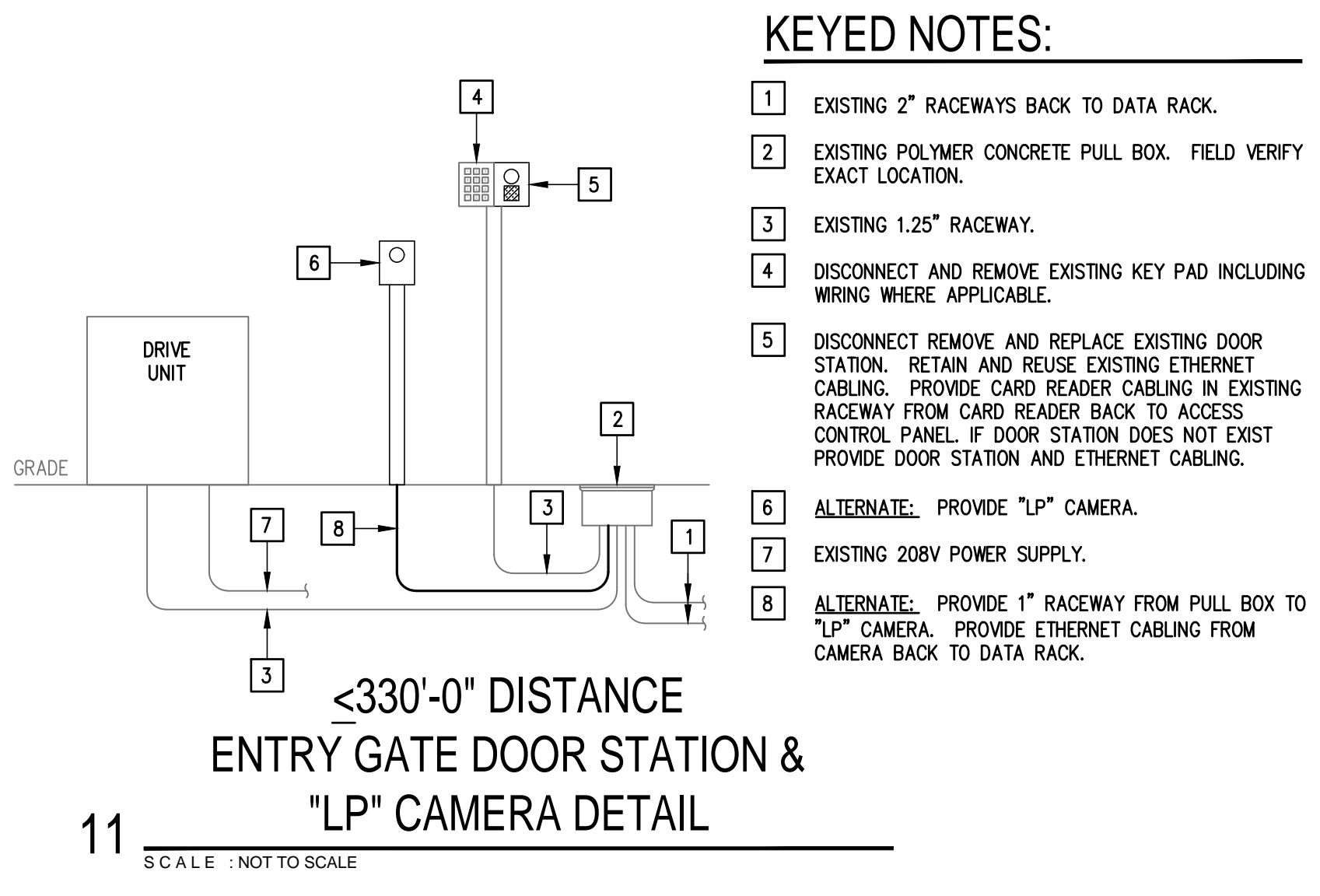
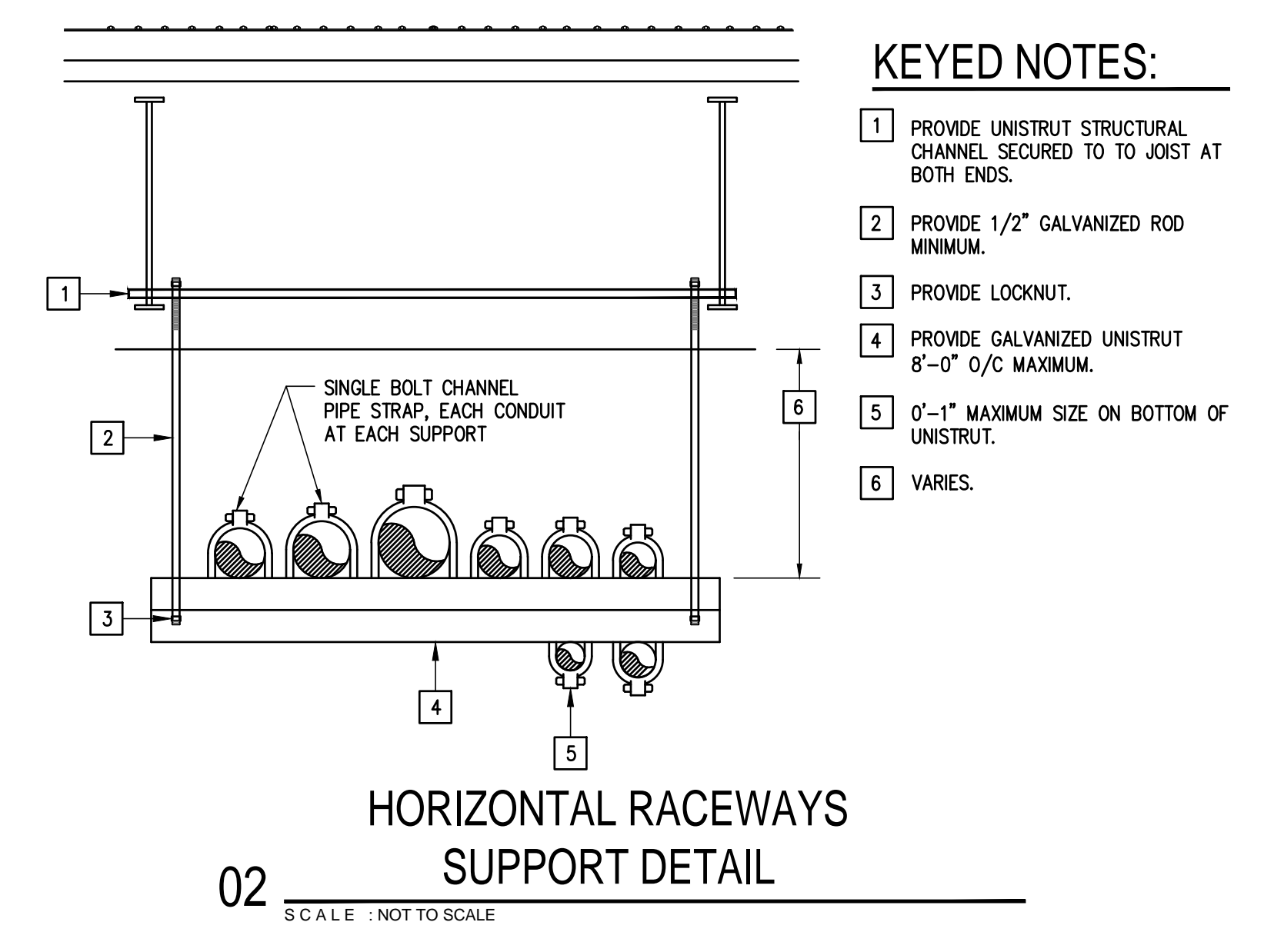
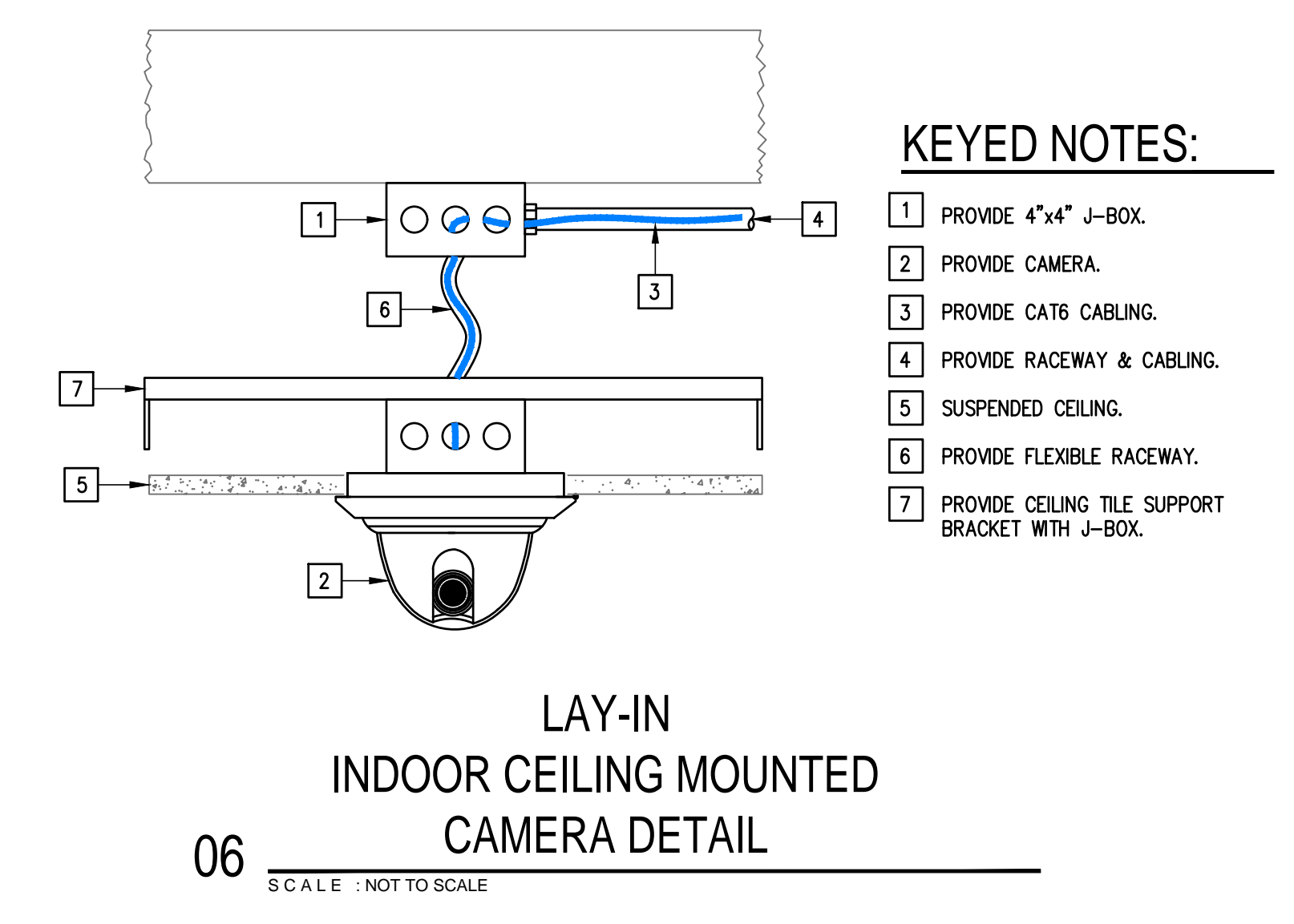
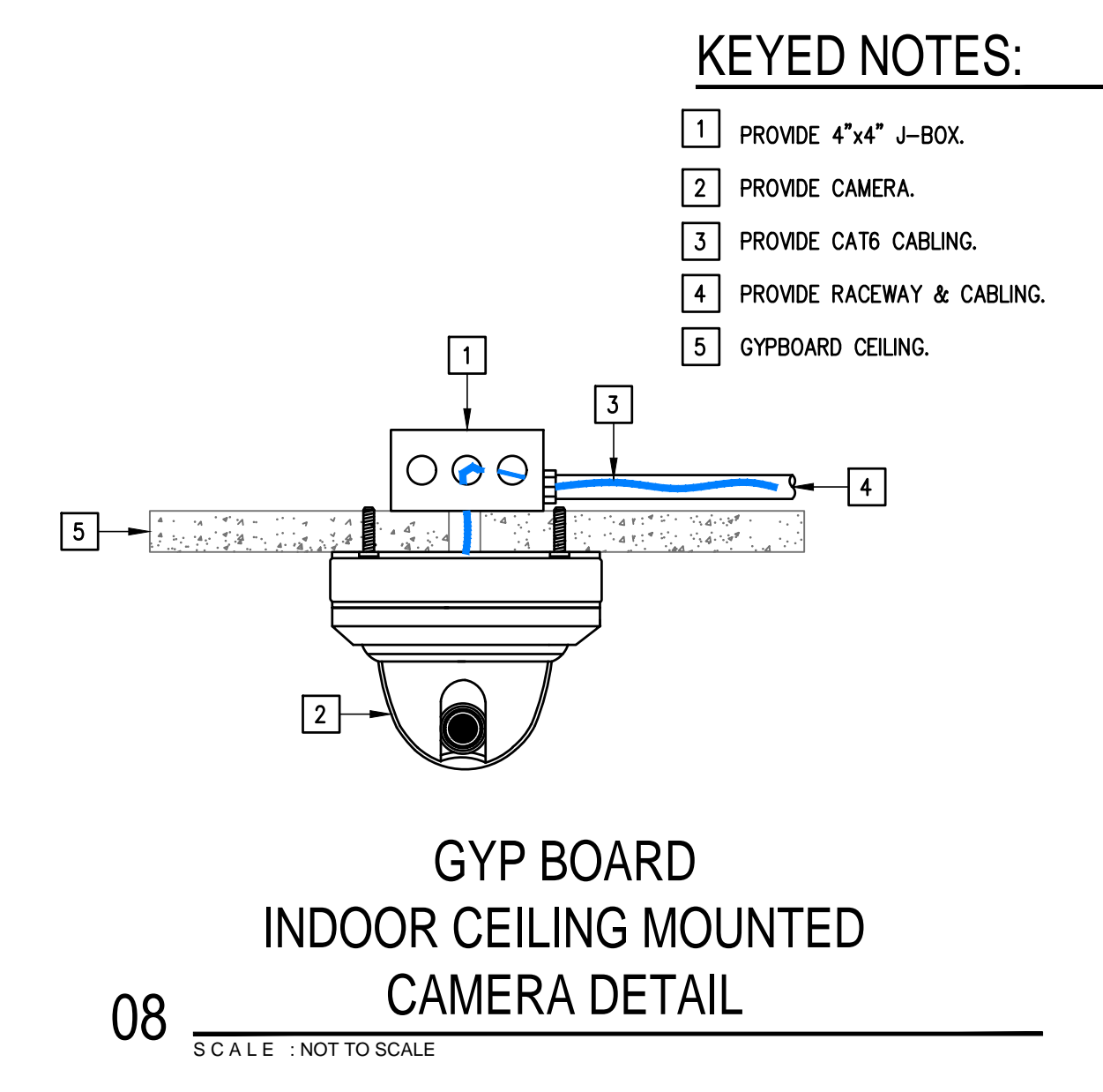
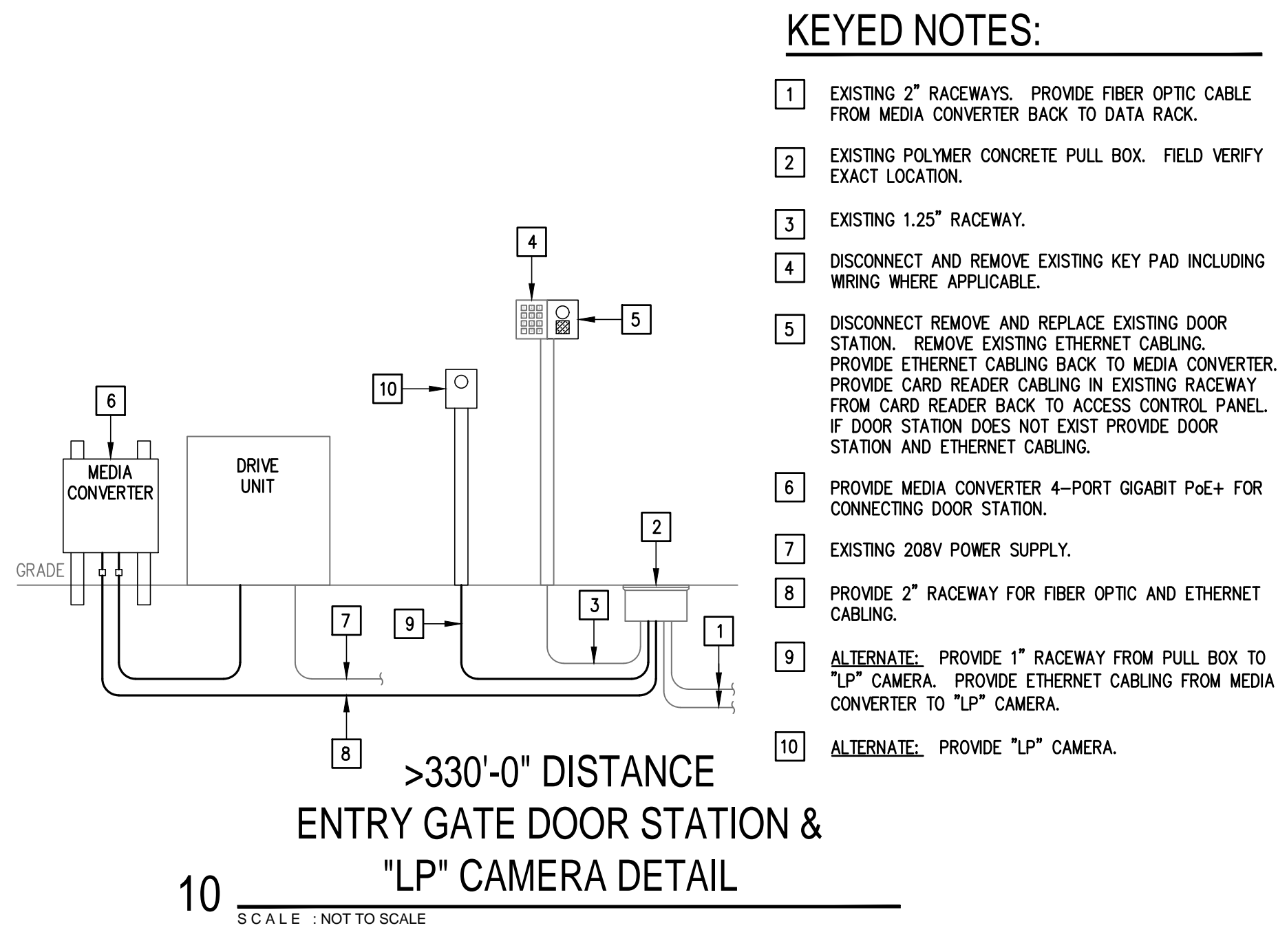
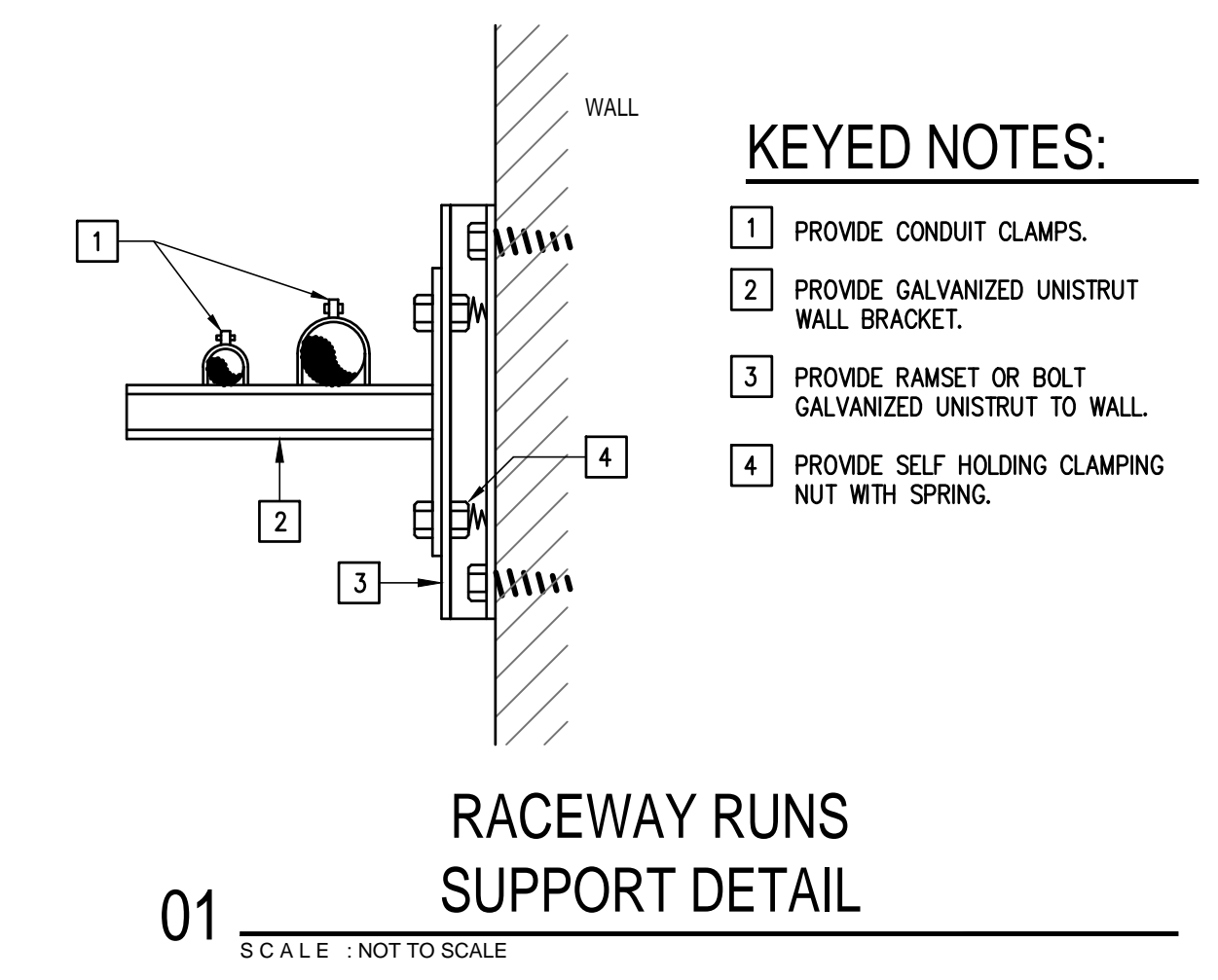
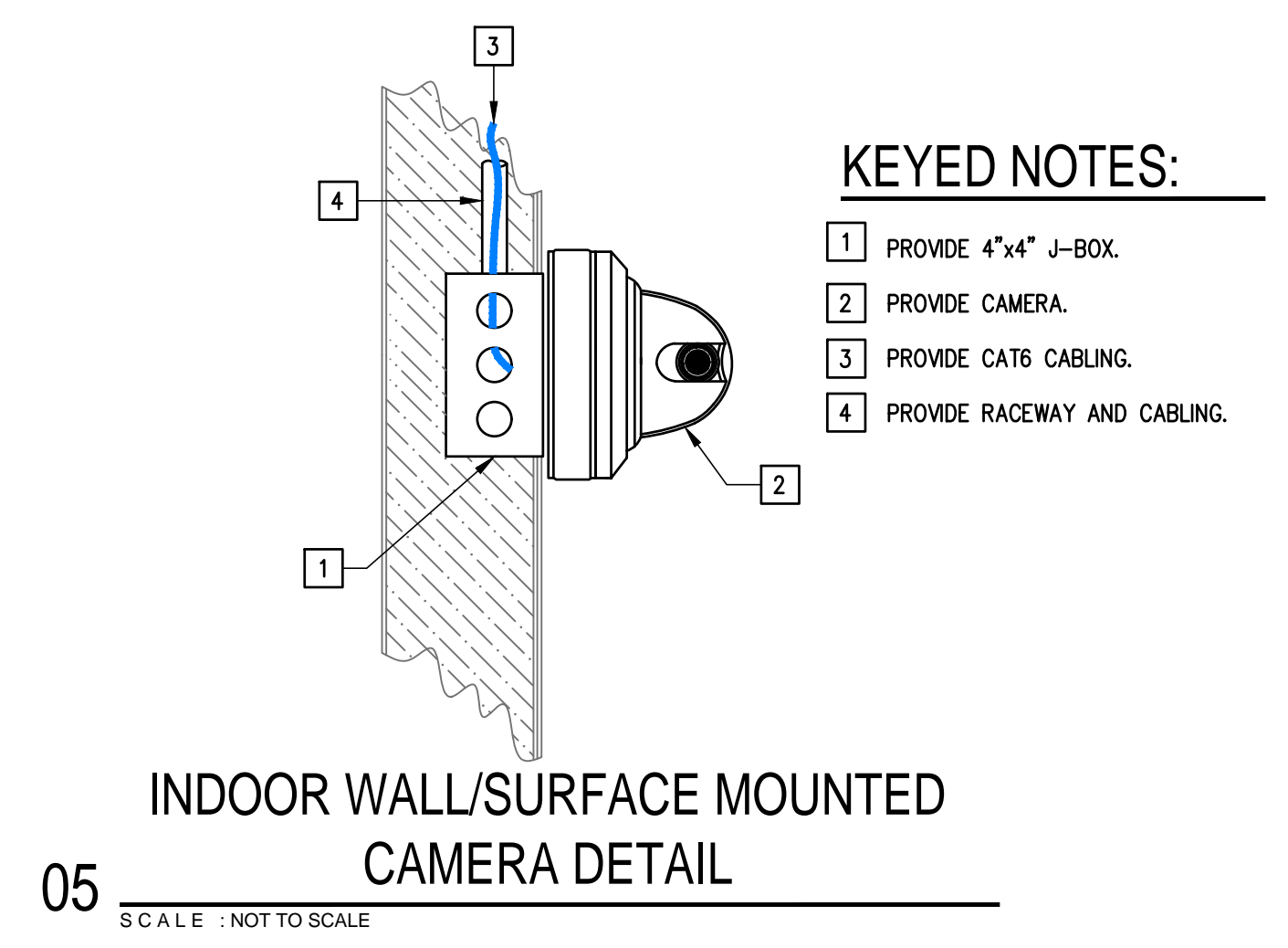
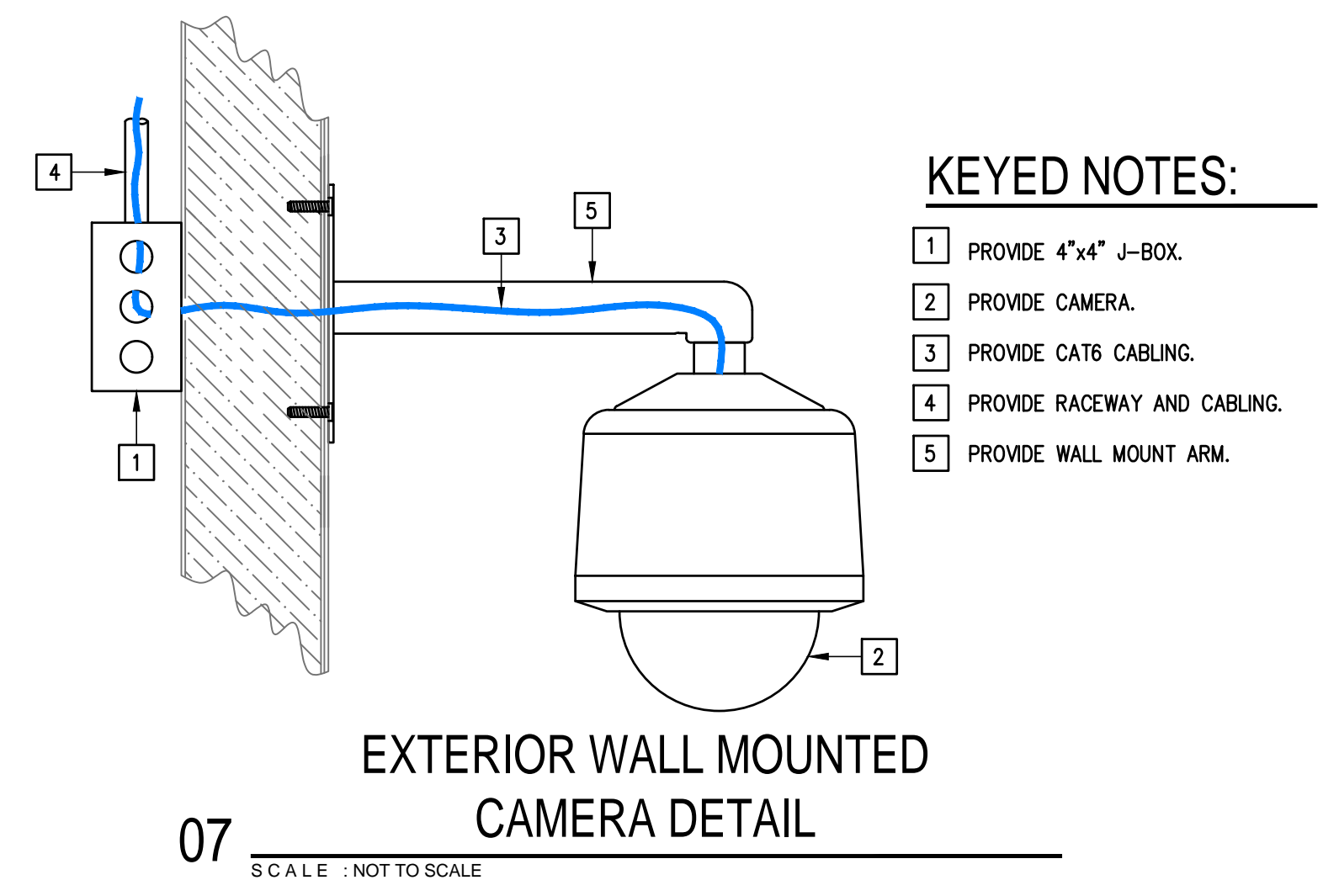
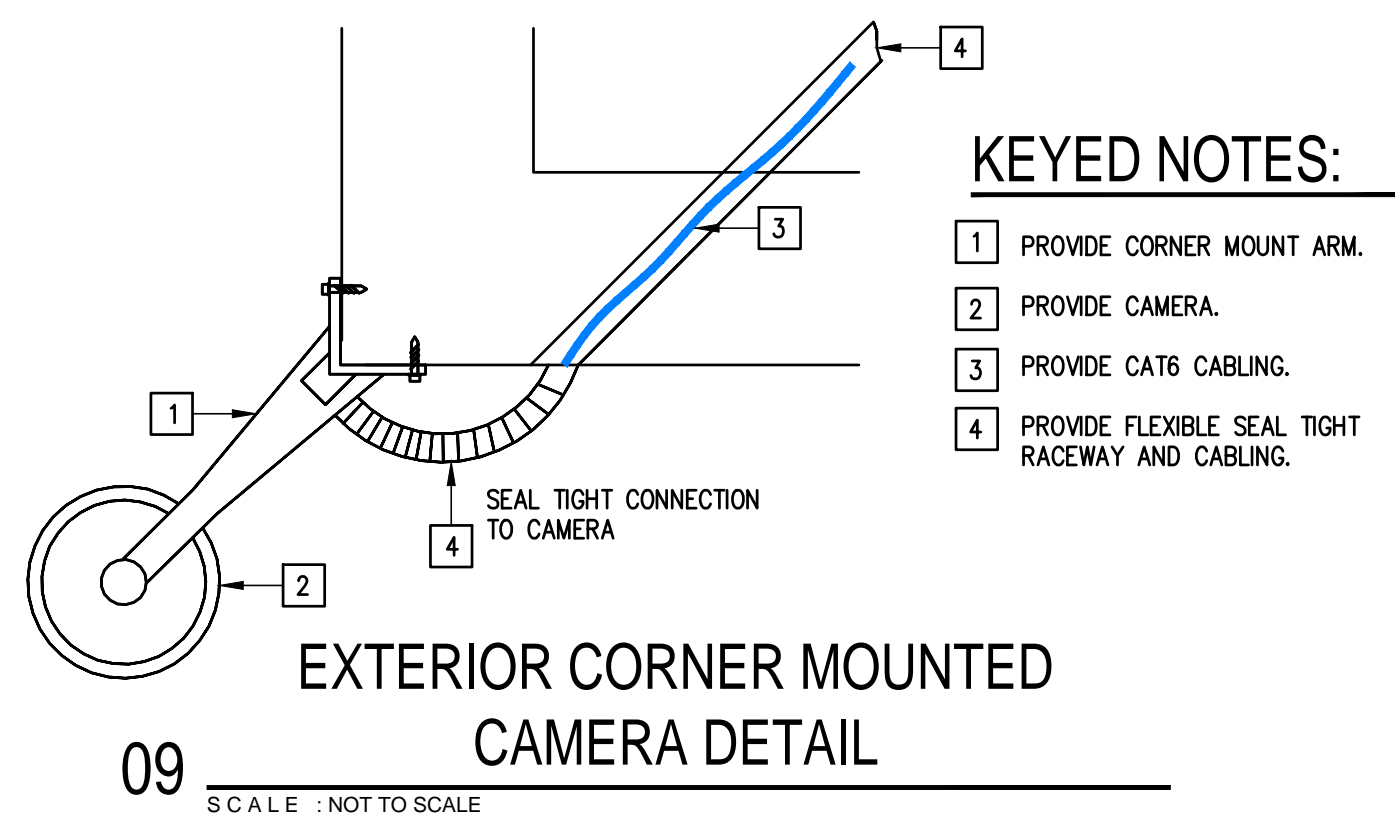
### MECHANICAL ENGINEERS

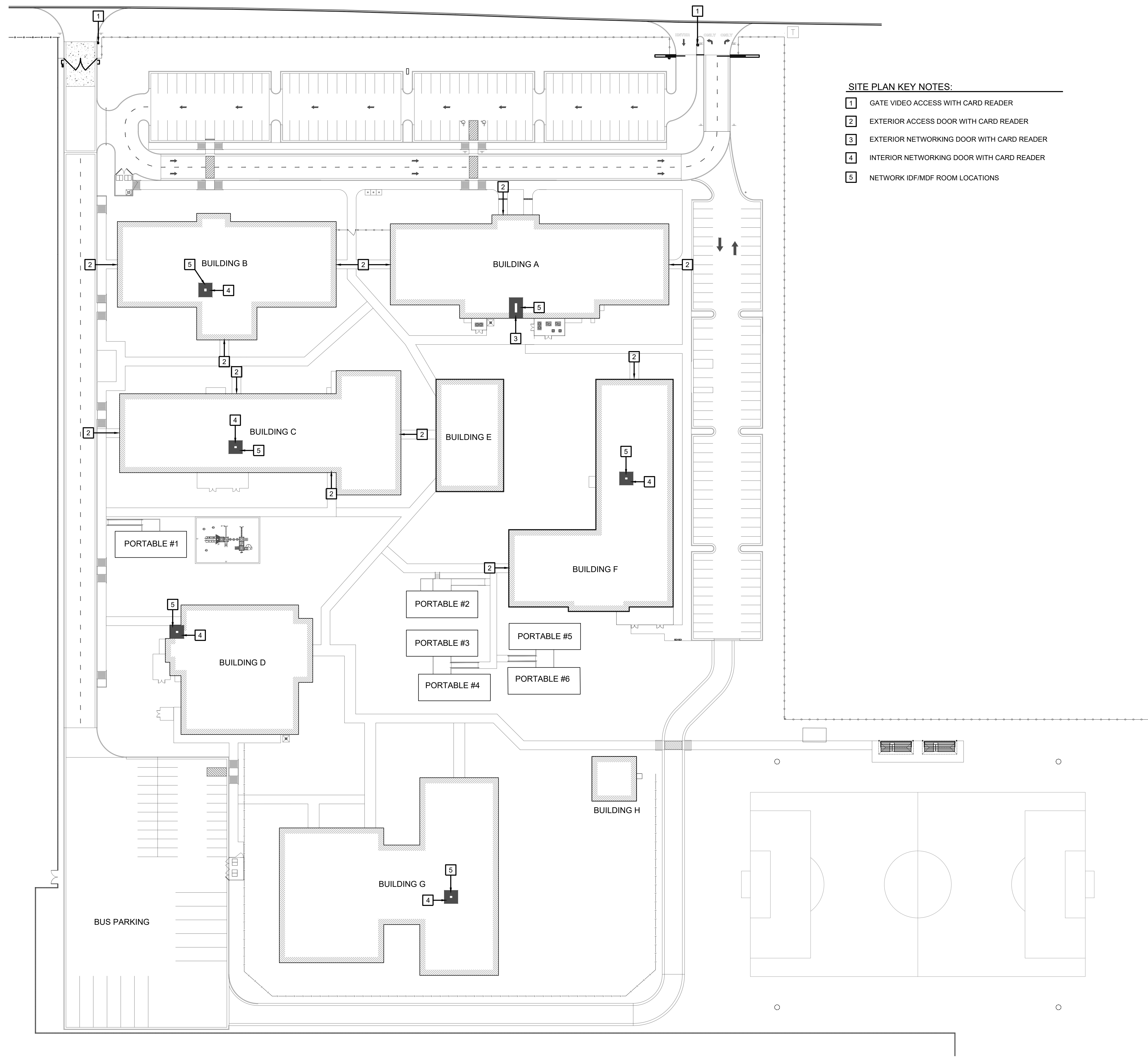
#### ETHOS ENGINEERING - M.E.P.

119 VAN BUREN, SUITE 101 HARLINGEN, TEXAS 78550  
(956) 230-3435 FAX: (956) 720-0830





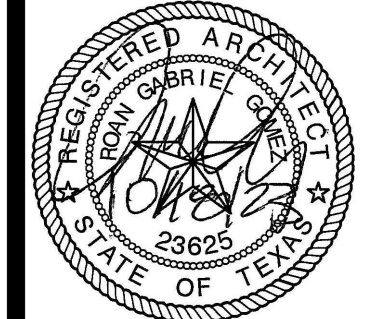




- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS

01 SITEPLAN W/ IMPROVEMENTS  
 SCALE: 1 = 40

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 ALAMO, TEXAS

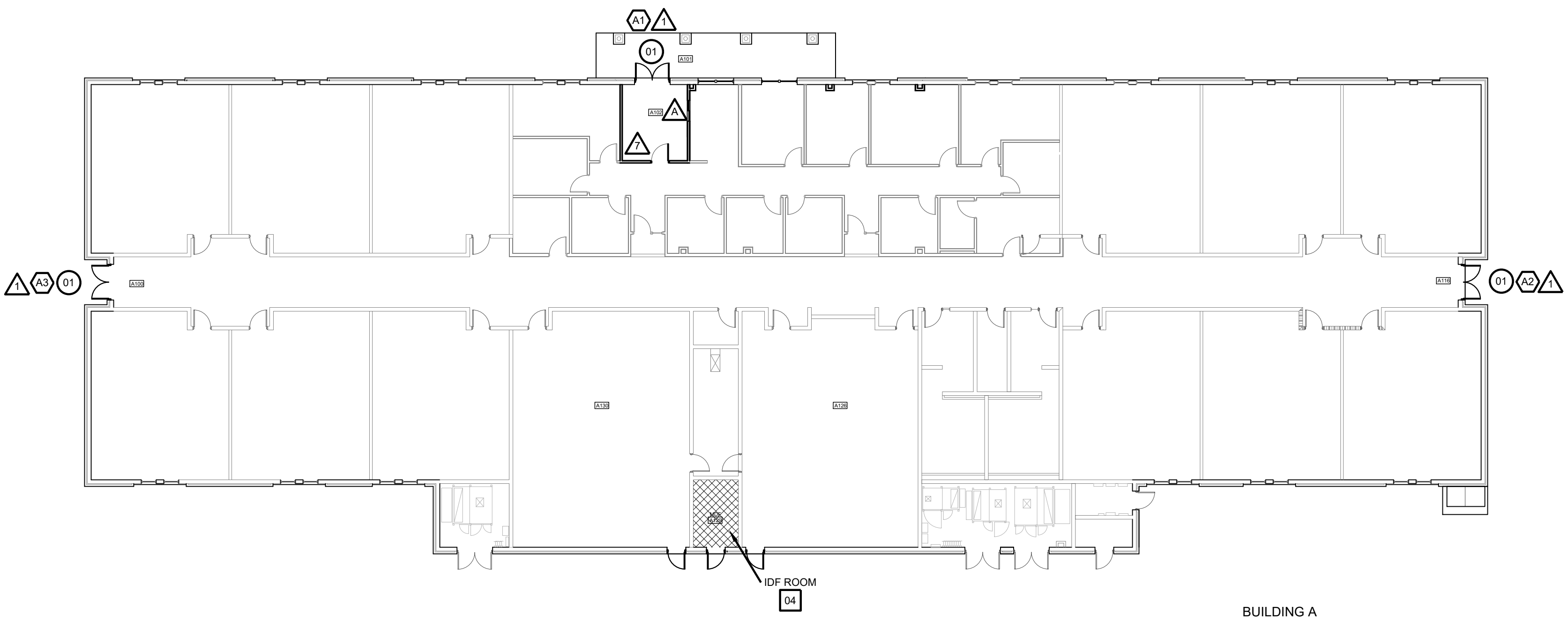


© Copyright 2023  
 Gomez Mendez Saenz Inc.  
 Architects-Planners  
 Interior Designers  
 Date: 01/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

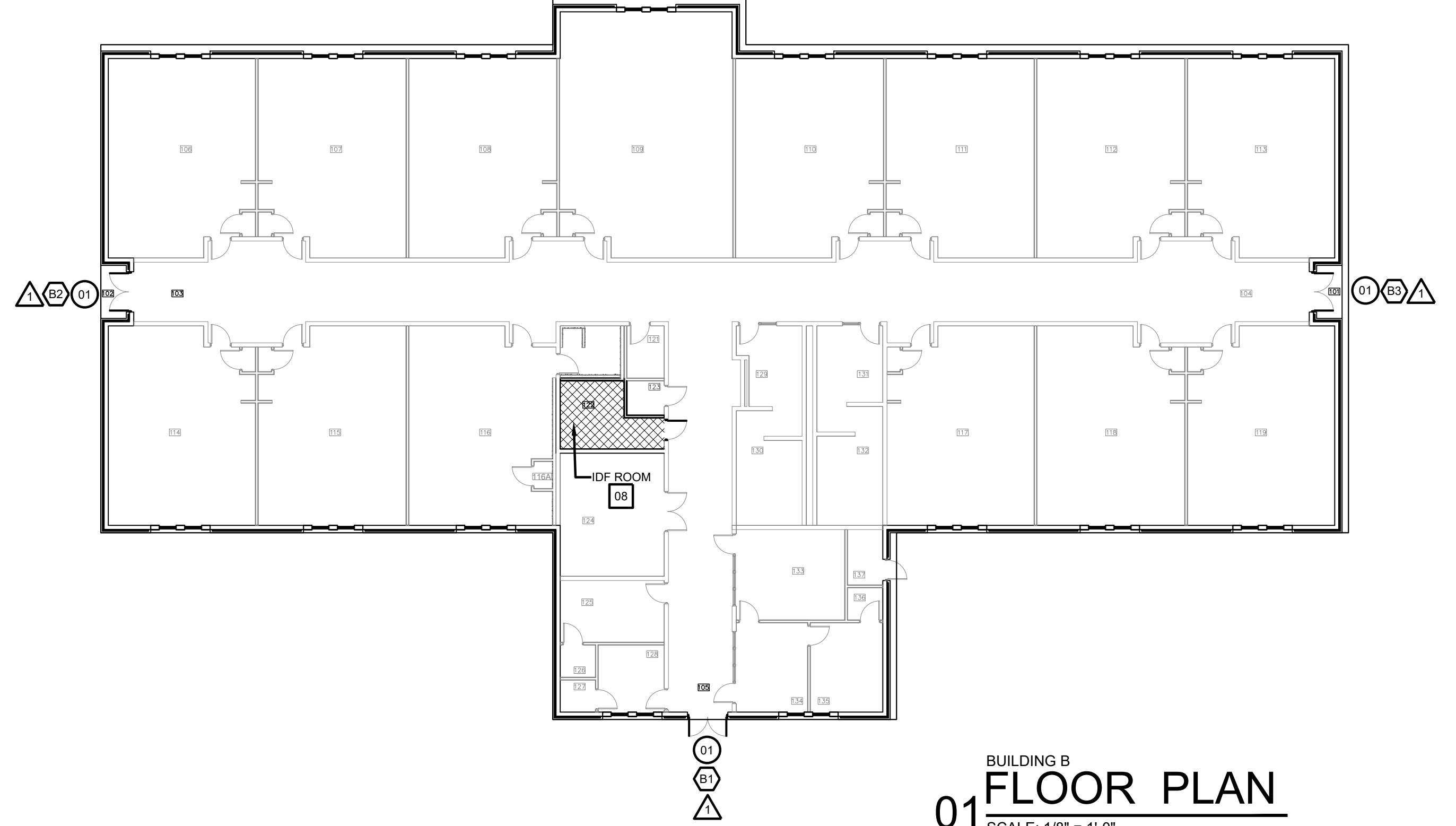
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**SYMBOL LEGEND**

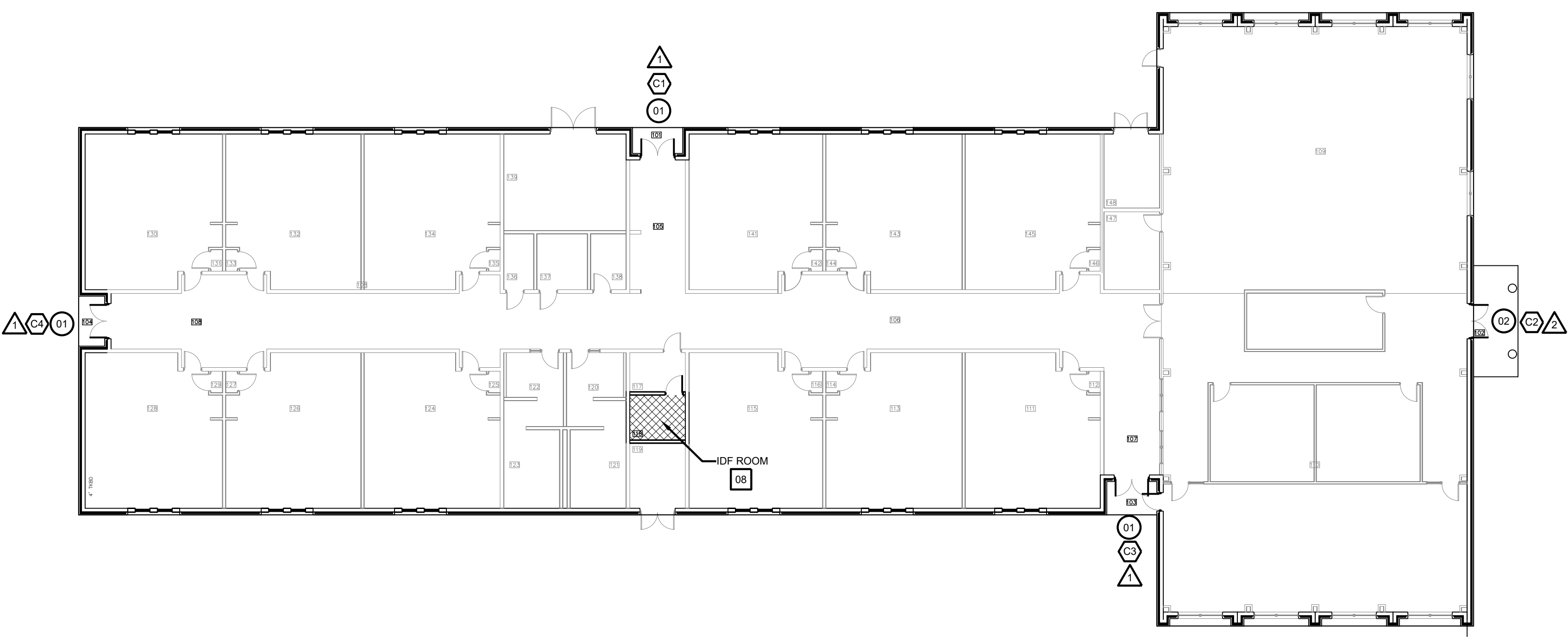
- ⊙ ACCESS DOOR NUMBERING
- ⊗ SECURITY DOOR HARDWARE
- ⊠ IDF ACCESS HARDWARE
- △ SECURITY FILM



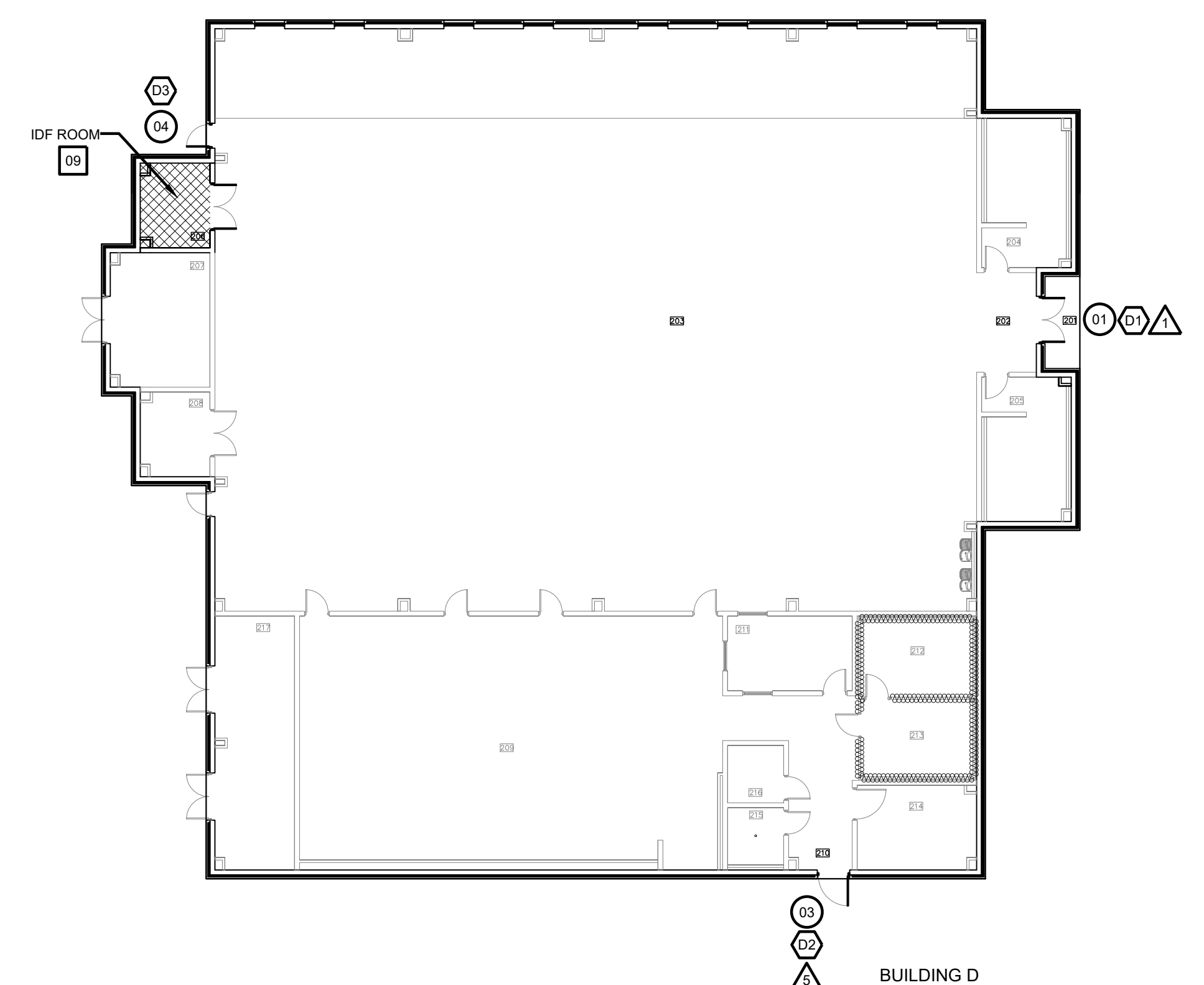
BUILDING A  
**01 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"



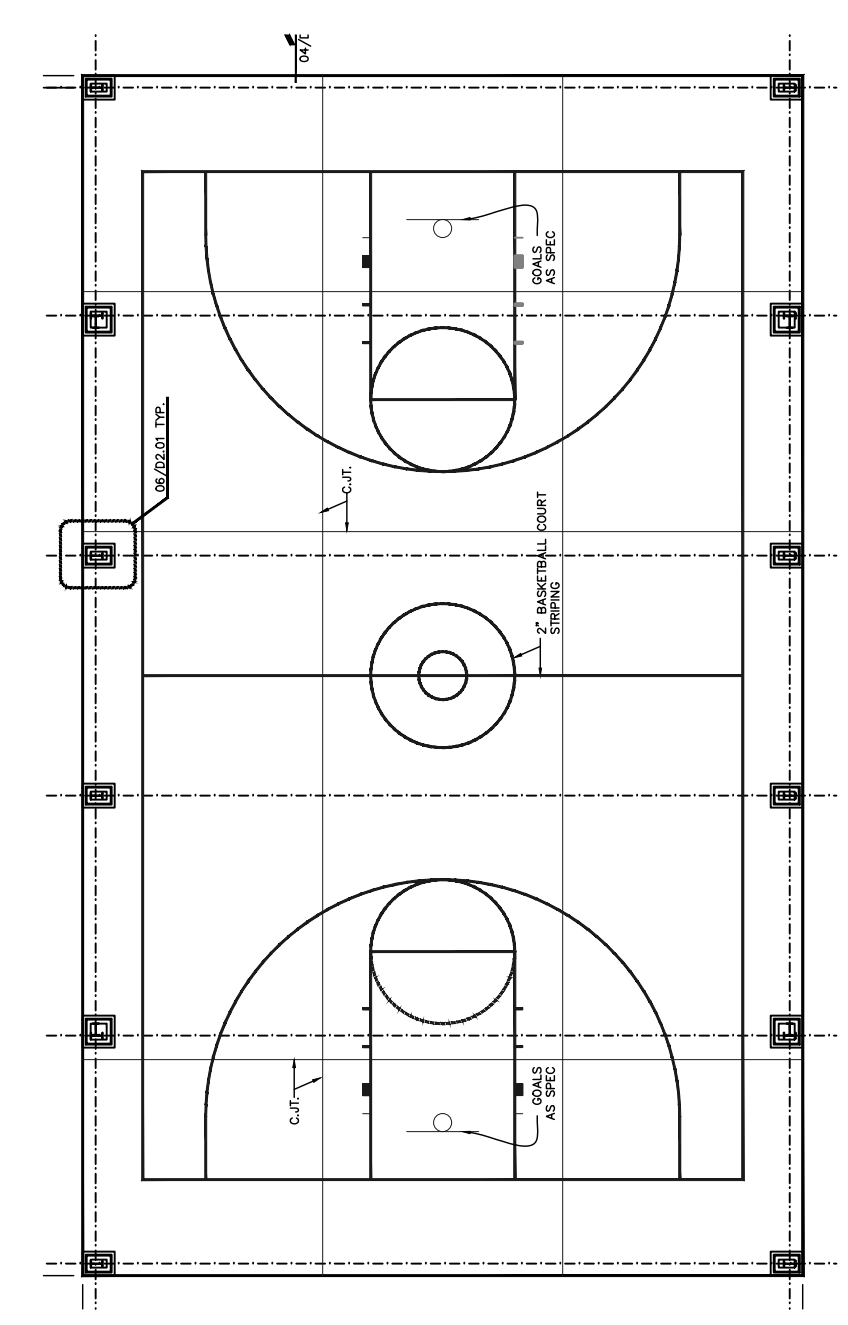
BUILDING B  
**01 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"



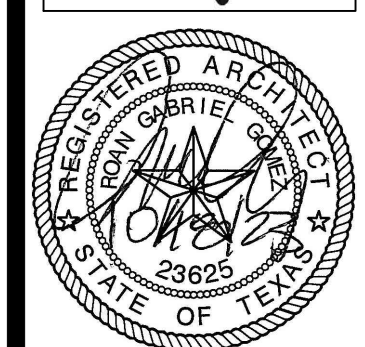
BUILDING C  
**01 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"







BUILDING D  
**01 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

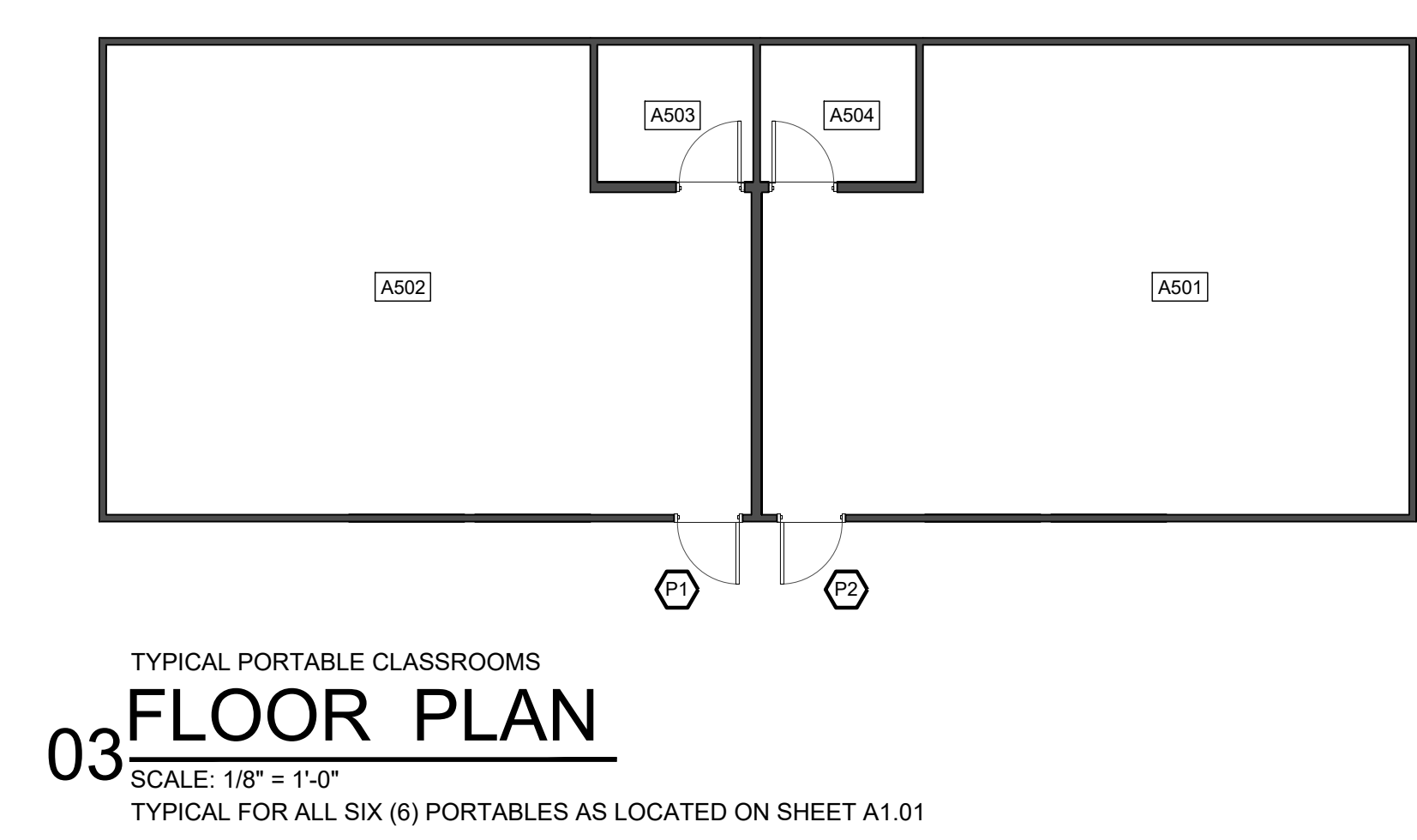
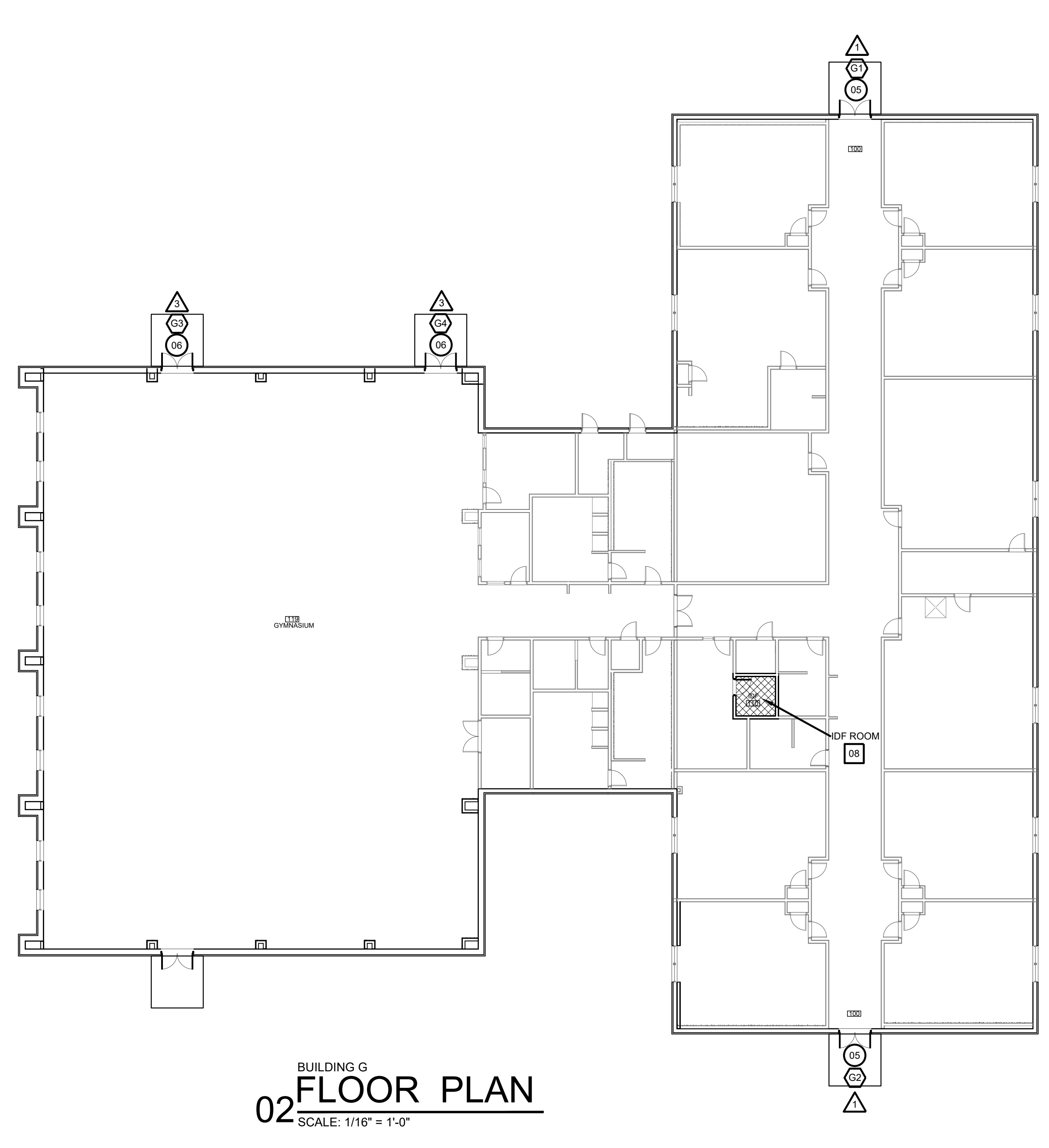
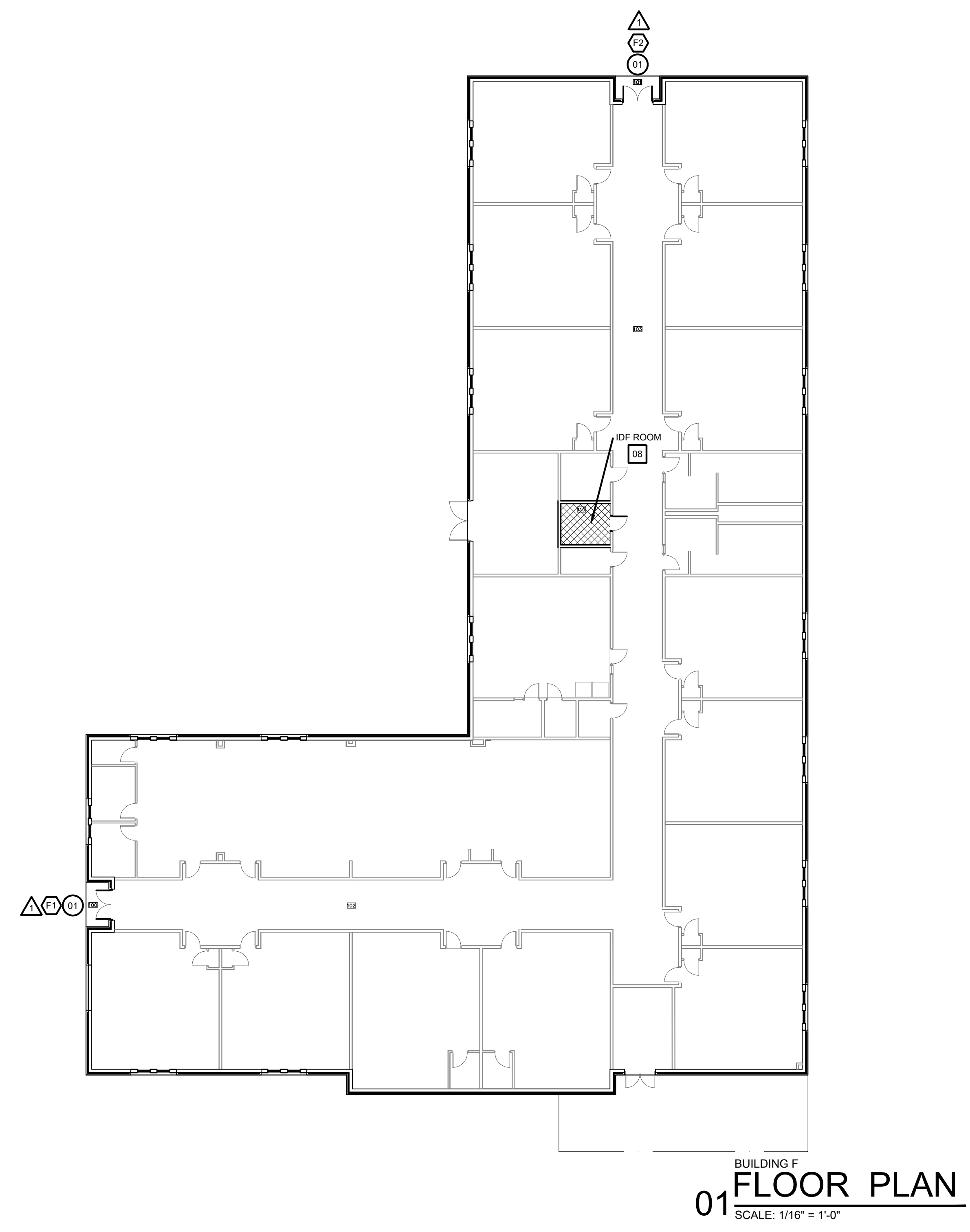


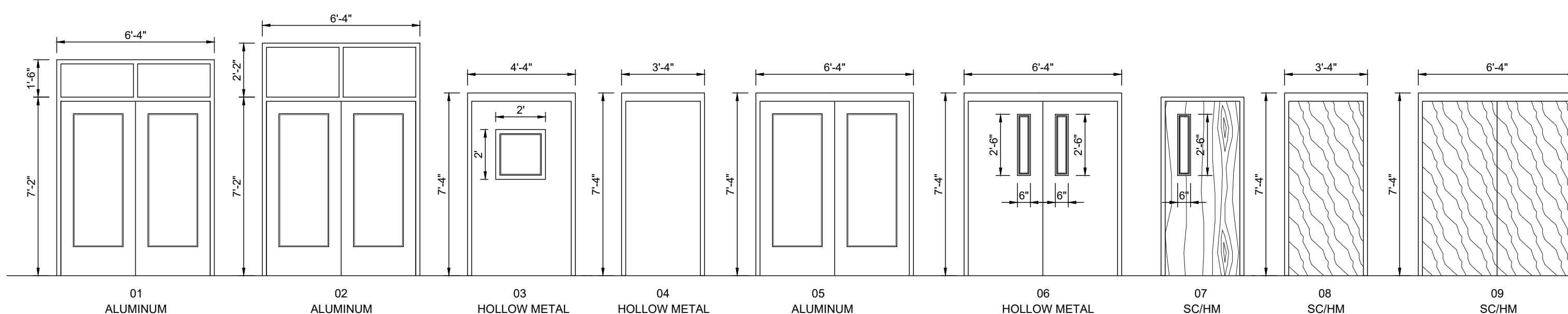
BUILDING E  
**01 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"



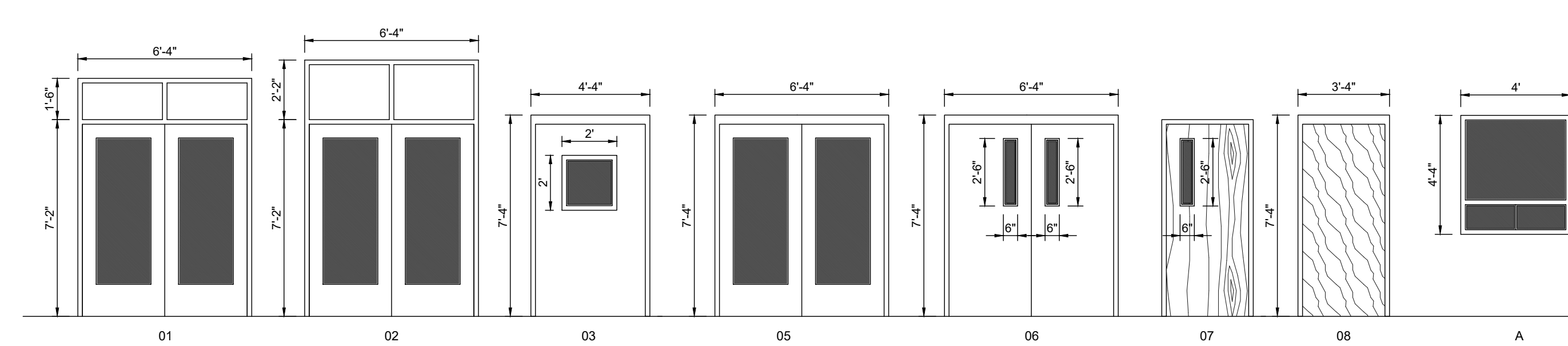
**SYMBOL LEGEND**

-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM





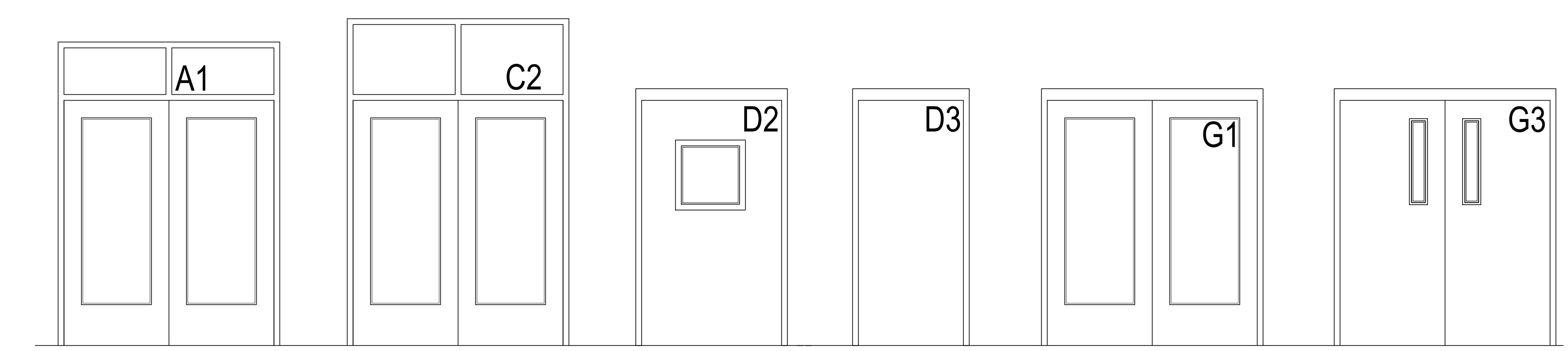
ACCESS CONTROL  
 DOOR / FRAME ELEVATIONS  
 SCALE 1/4" = 1'-0"



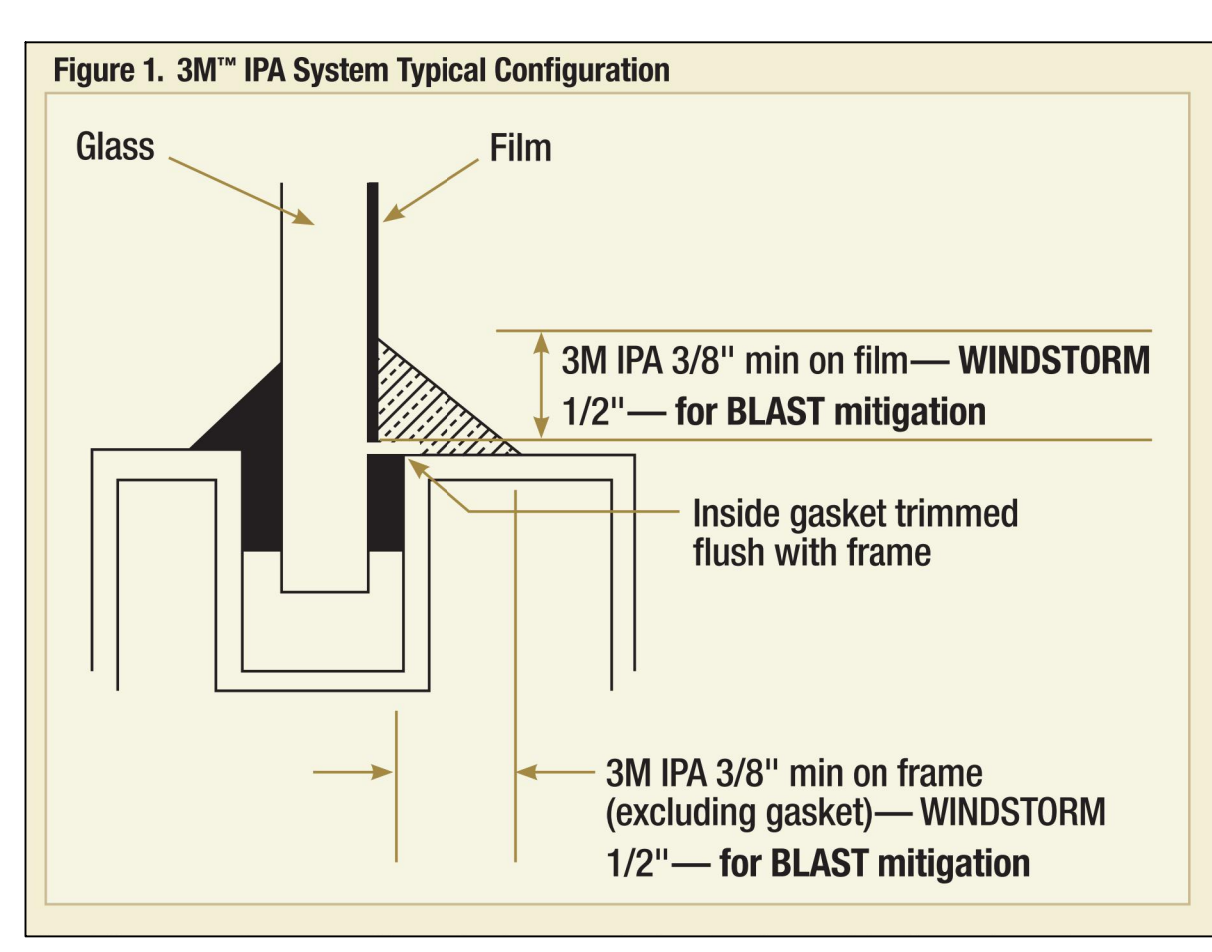
SECURITY FILM  
 DOOR / WINDOW ELEVATIONS  
 SCALE 1/4" = 1'-0"

BLDG	DOOR NO.	DOOR				FRAME				HDWR	REMARKS
		MATL.	W	H	T	MATL.	W	H	T		
A301	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
A116	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
A100	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
A120	04	H.M.	3'-0"	7'-0"	1-3/4"	H.M.	3'-4"	7'-4"	5-3/4"	H	IDF ROOM
B105	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
B102	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
B101	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
B122	08	S.C.	3'-0"	7'-0"	1-3/4"	H.M.	3'-4"	7'-4"	5-3/4"	F	IDF ROOM
C101	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
C102	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
C103	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
C104	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
C118	08	S.C.	3'-0"	7'-0"	1-3/4"	H.M.	3'-4"	7'-4"	5-3/4"	F	IDF ROOM
D201	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
D210	03	H.M.	4'-0"	7'-0"	1-3/4"	H.M.	4'-4"	7'-4"	5-3/4"	D	
D203	04	H.M.	3'-0"	7'-0"	1-3/4"	H.M.	3'-4"	7'-4"	5-3/4"	E	
D208	09	S.C.	PR - 3'-0"	7'-0"	1-3/4"	H.M.	6'-4"	7'-4"	5-3/4"	G	IDF ROOM
F100	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
F101	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	A	
F115	08	S.C.	3'-0"	7'-0"	1-3/4"	H.M.	3'-4"	7'-4"	5-3/4"	F	IDF ROOM
G100	05	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
G101	05	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
G119	06	H.M.	PR - 3'-0"	7'-0"	1-3/4"	H.M.	6'-4"	7'-2"	4-1/2"	B	
G101	06	H.M.	PR - 3'-0"	7'-0"	1-3/4"	H.M.	6'-4"	7'-2"	4-1/2"	B	
G110	08	S.C.	3'-0"	7'-0"	1-3/4"	H.M.	3'-4"	7'-4"	5-3/4"	F	IDF ROOM

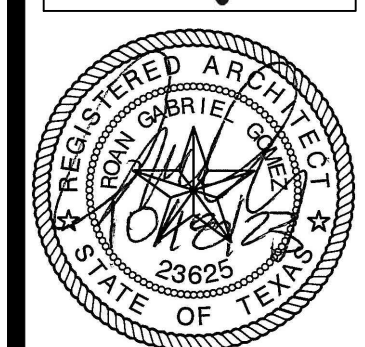
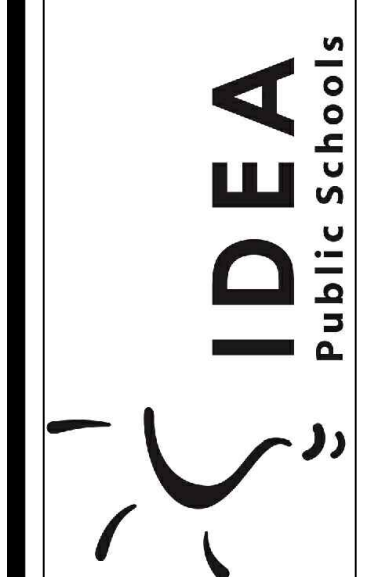
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		MATL.	W	H	T	MATL.	W	H	T	
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A-116	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
A-100	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
A102	7	SC	3'-0"	7'-0"	1-3/4"	H.M.	6'-4"	8'-8"	4-1/2"	
A102	A					ALUM.	4'-0"	4'-4"		
B-105	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
B-102	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
B-101	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
C-101	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
C-102	2	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
C-103	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
C-104	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
D-201	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
D-210	5	H.M.	4'-0"	7'-0"	1-3/4"	H.M.	6'-4"	7'-4"	5-3/4"	
F-100	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
F-101	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
G-100	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
G-101	1	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-8"	4-1/2"	
G-119	3	H.M.	PR - 3'-0"	7'-0"	1-3/4"	H.M.	4'-4"	7'-2"	4-1/2"	
G-101	3	H.M.	PR - 3'-0"	7'-0"	1-3/4"	H.M.	4'-4"	7'-2"	4-1/2"	



02 DOOR NUMBER LOCATION  
 ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.  
 REFER TO A2.00 SERIES FOR DOOR LOCATIONS AND NUMBERING SEQUENCE  
 ACCESS DOOR NUMBERING (x)



01 FILM DETAIL  
 NOT TO SCALE

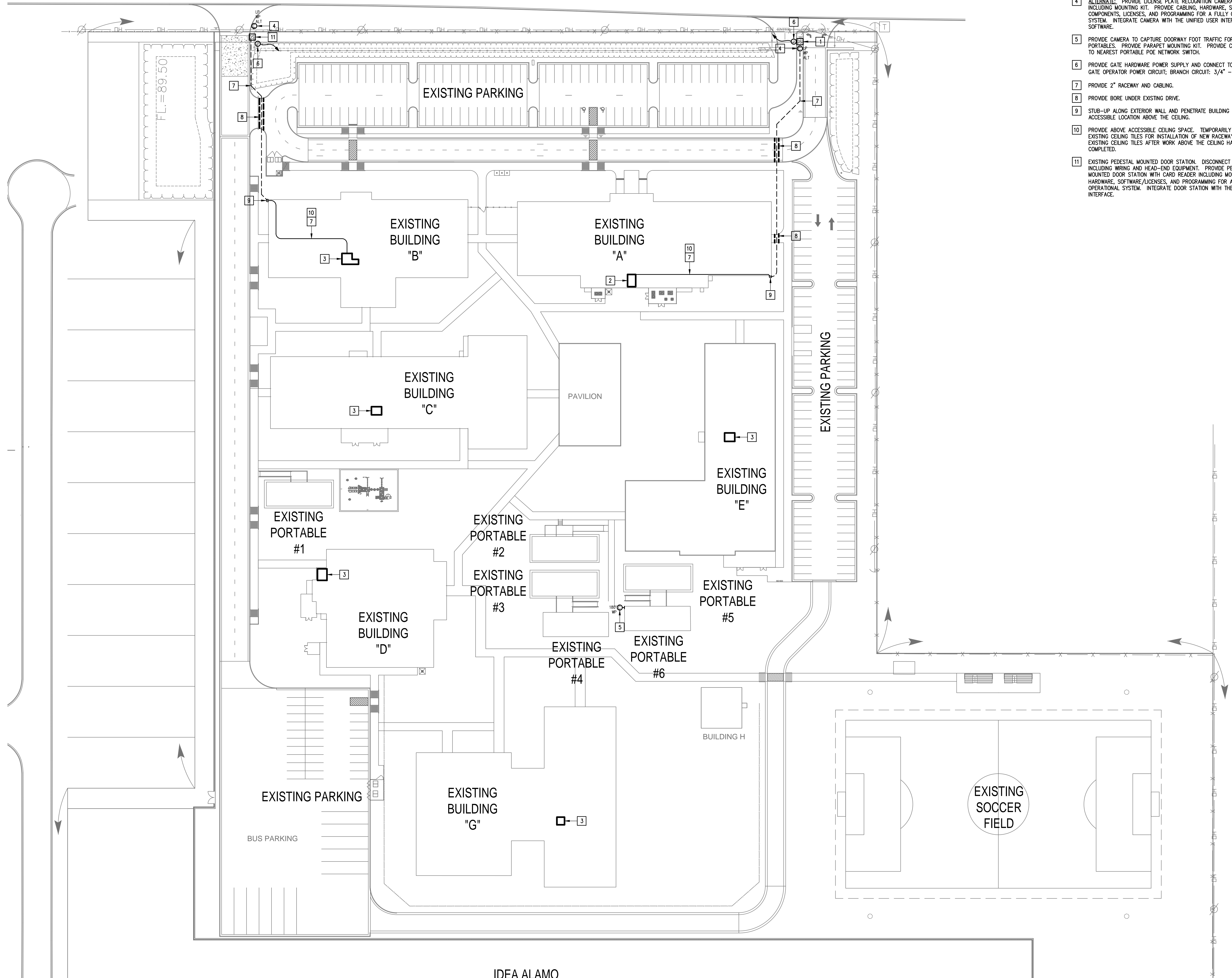


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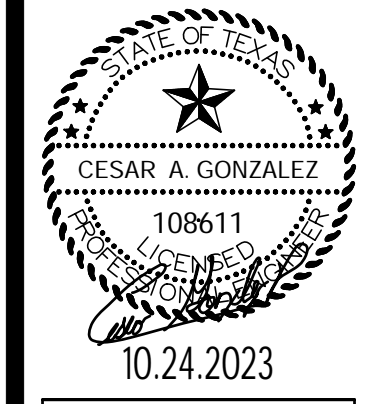
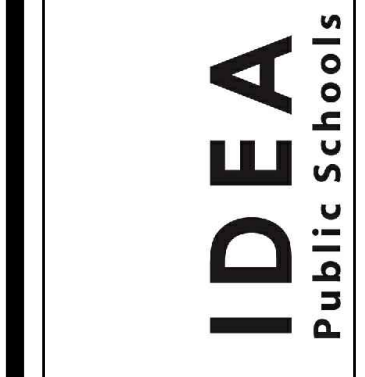
- KEYED NOTES:**
- EXISTING PEDESTAL MOUNTED DOOR STATION & KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - EXISTING MDF ROOM.
  - EXISTING IDF ROOM.
  - ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
  - PROVIDE CAMERA TO CAPTURE DOORWAY FOOT TRAFFIC FOR ALL PORTABLES. PROVIDE PARAPET MOUNTING KIT. PROVIDE CAT6 CABLING TO NEAREST PORTABLE POE NETWORK SWITCH.
  - PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT; BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
  - PROVIDE 2" RACEWAY AND CABLING.
  - PROVIDE BORE UNDER EXISTING DRIVE.
  - STUB-UP ALONG EXTERIOR WALL AND PENETRATE BUILDING AT AN ACCESSIBLE LOCATION ABOVE THE CEILING.
  - PROVIDE ABOVE ACCESSIBLE CEILING SPACE. TEMPORARILY REMOVE EXISTING CEILING TILES FOR INSTALLATION OF NEW RACEWAYS. REINSTALL EXISTING CEILING TILES AFTER WORK ABOVE THE CEILING HAS BEEN COMPLETED.
  - EXISTING PEDESTAL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.



IDEA ALAMO  
**TECHNOLOGY PLAN (SITE PLAN)**  
 SCALE: 1" = 40'-0"  
 PLAN NORTH



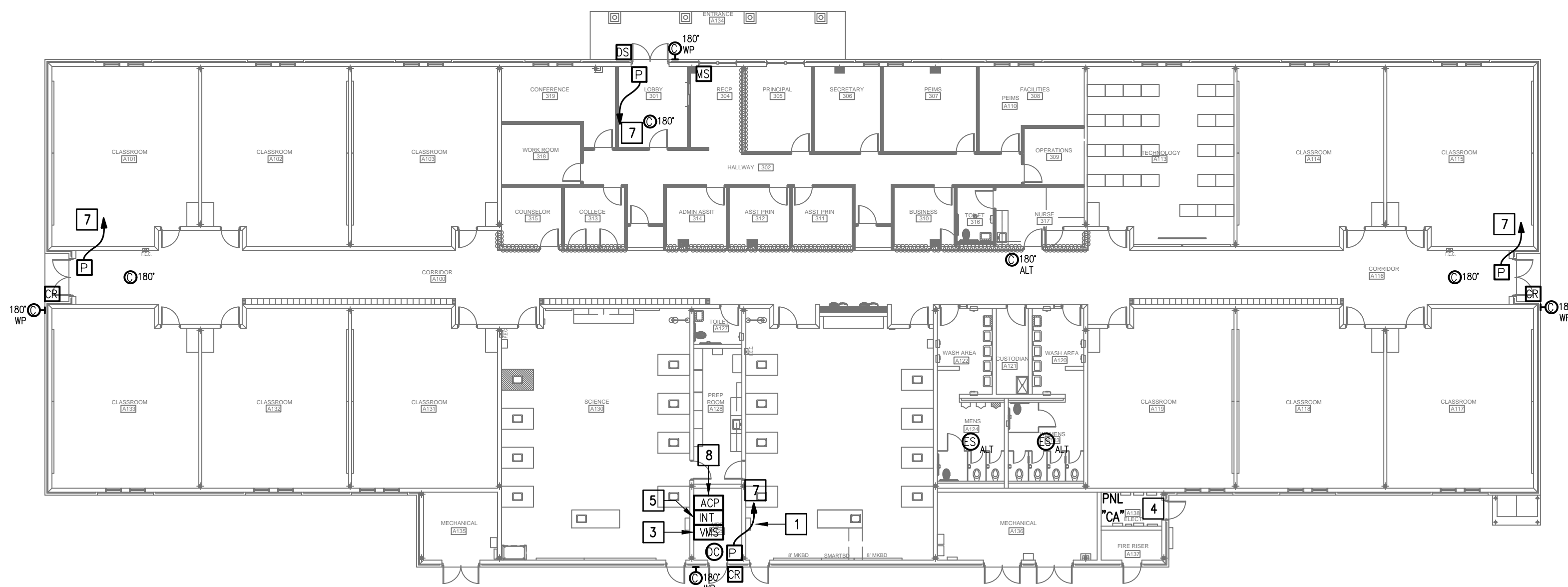
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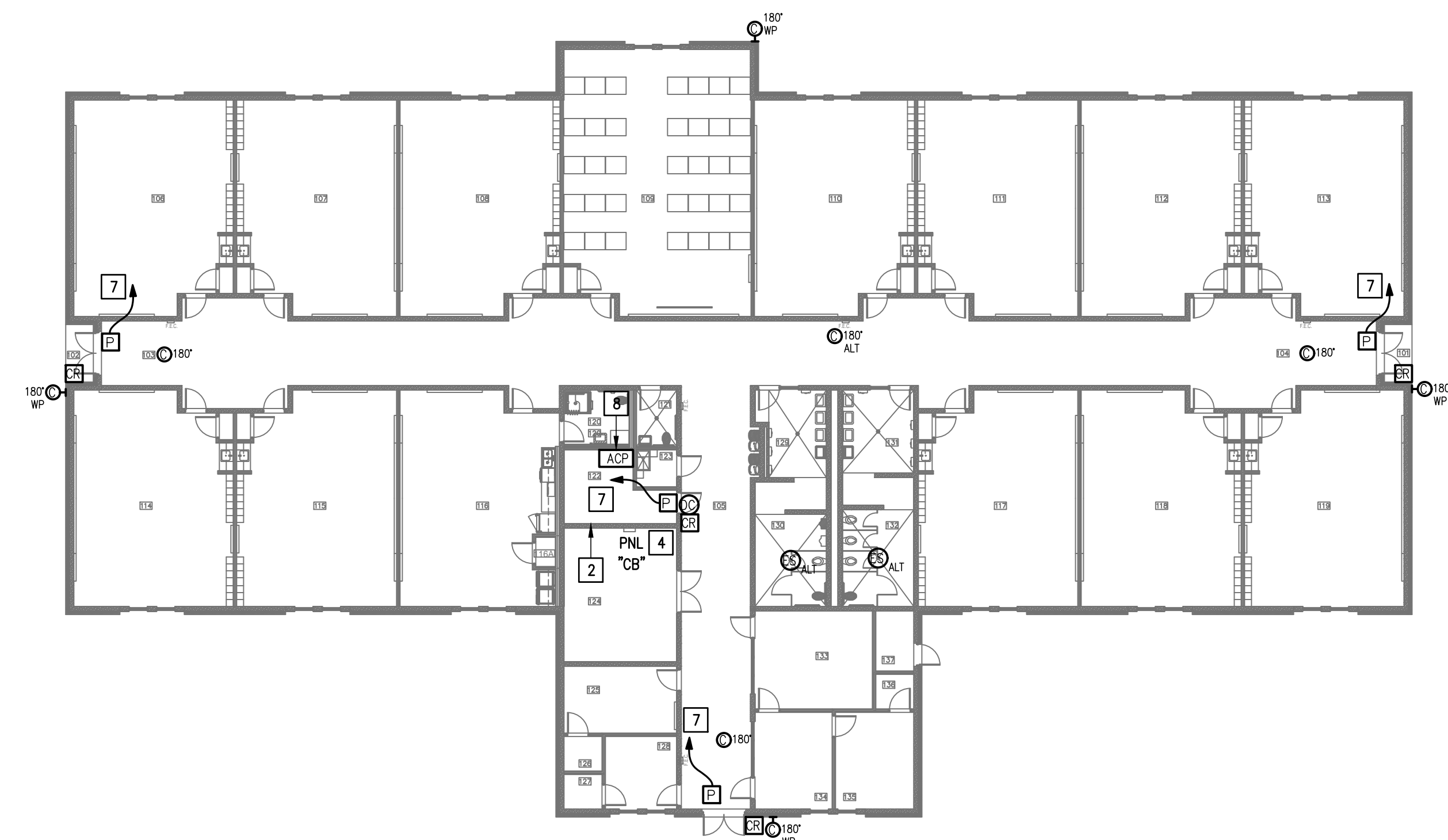
10.24.2023  
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 Interior Designers  
 Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No.: 22190  
 Sheet:

**E1.01**

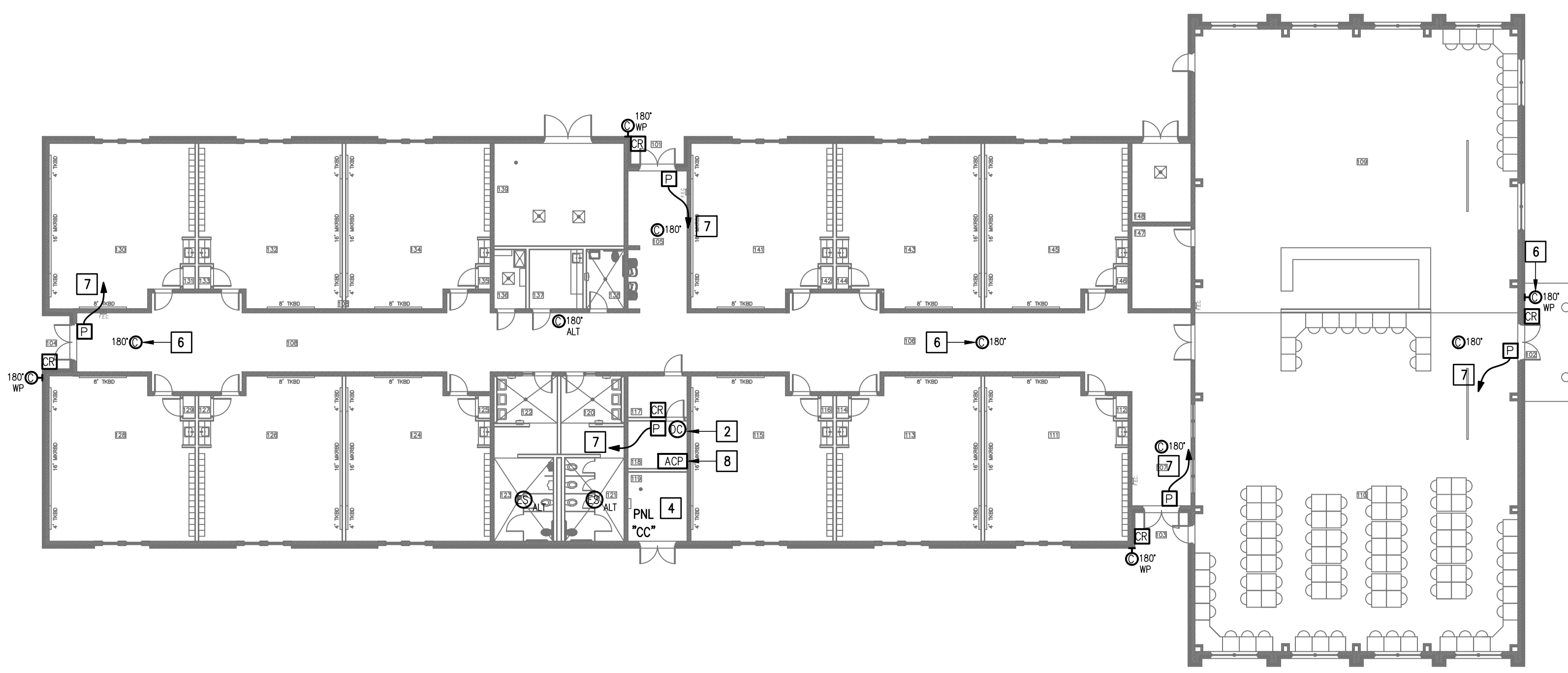




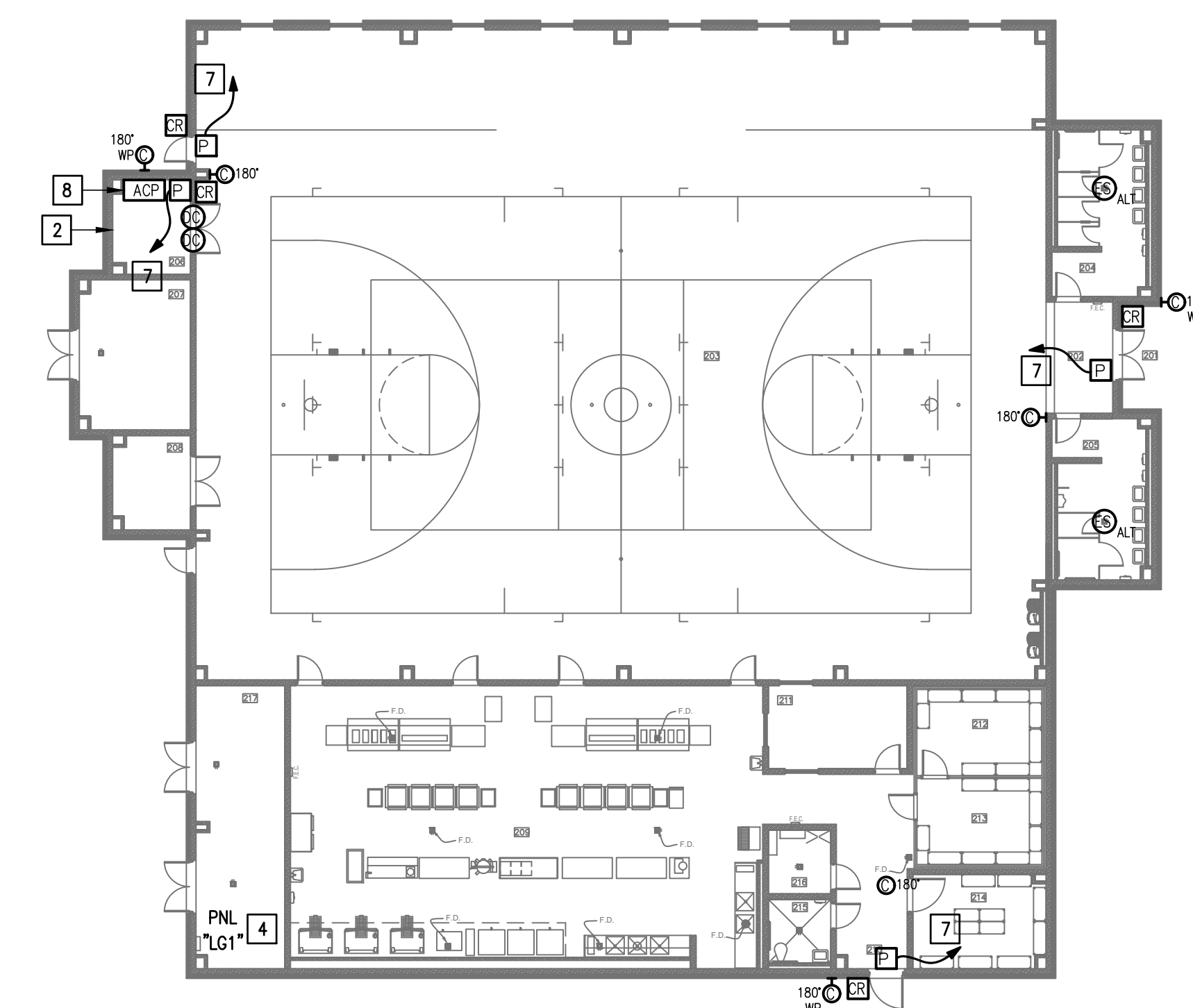
01 IDEA ALAMO TECHNOLOGY PLAN (BUILDING A)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



02 IDEA ALAMO TECHNOLOGY PLAN (BUILDING B)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



03 IDEA ALAMO TECHNOLOGY PLAN (BUILDING C)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



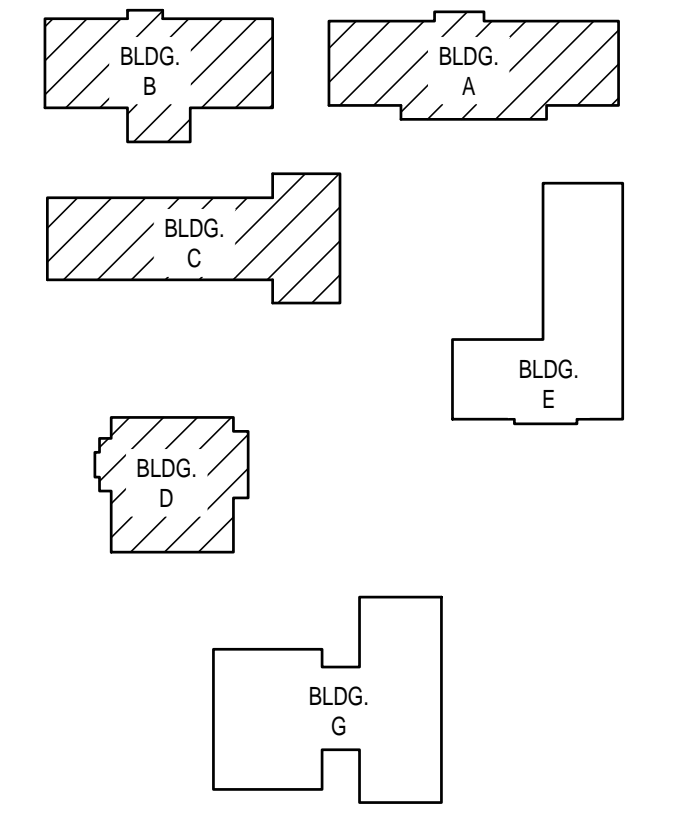
04 IDEA ALAMO TECHNOLOGY PLAN (BUILDING D)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH

**KEYED NOTES:**

- 1 EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT5 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 4 APPROXIMATE LOCATION OF EXISTING 120V/208V PANELBOARD.
- 5 EXISTING INTRUSION DETECTION SYSTEM PANEL MODEL ADEMCO.
- 6 EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- 7 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 8 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT5 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- 9 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.

**GENERAL NOTES:**

1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.



KEY PLAN



No.	REVISIONS	BY

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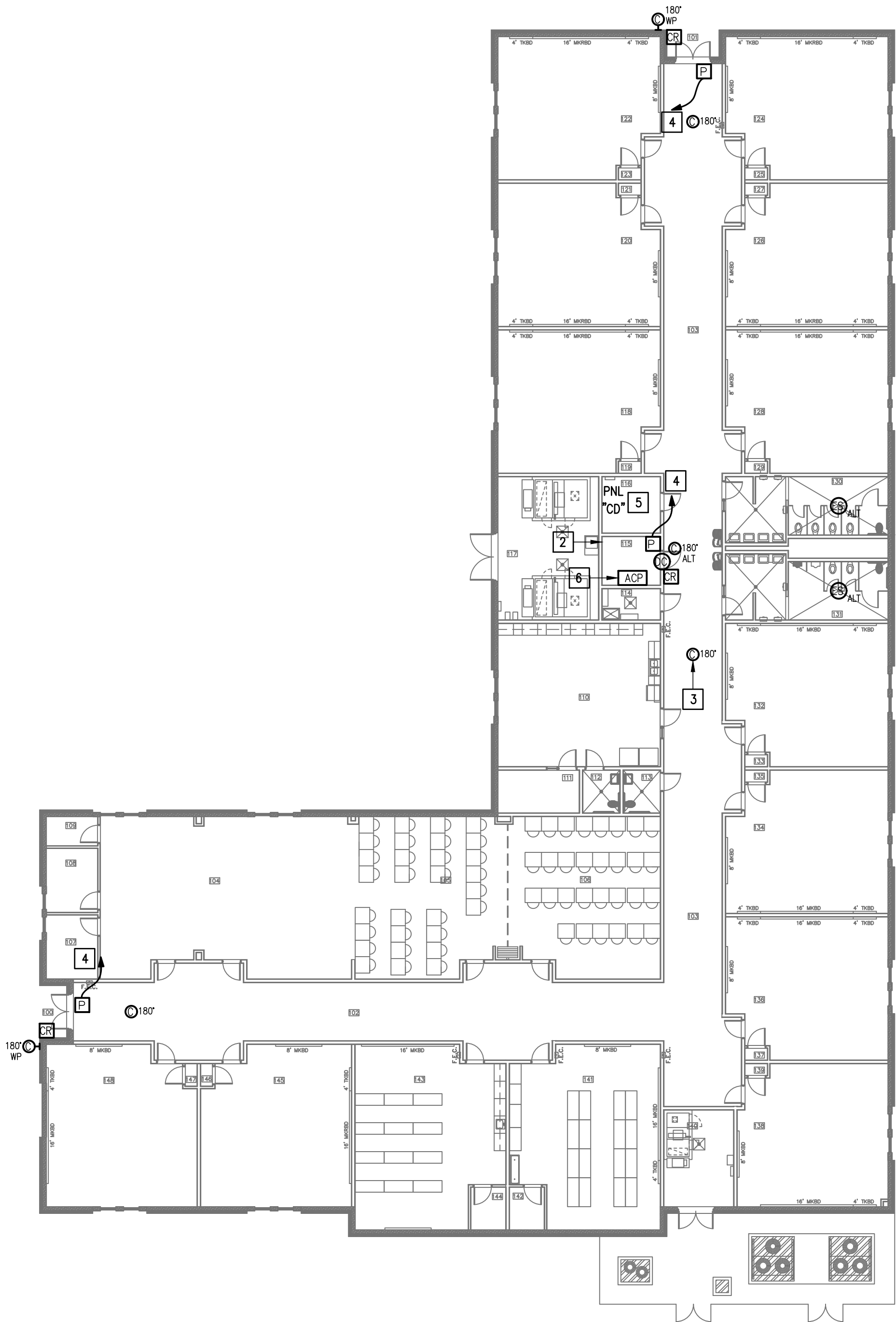
**IDEA**  
 Public Schools



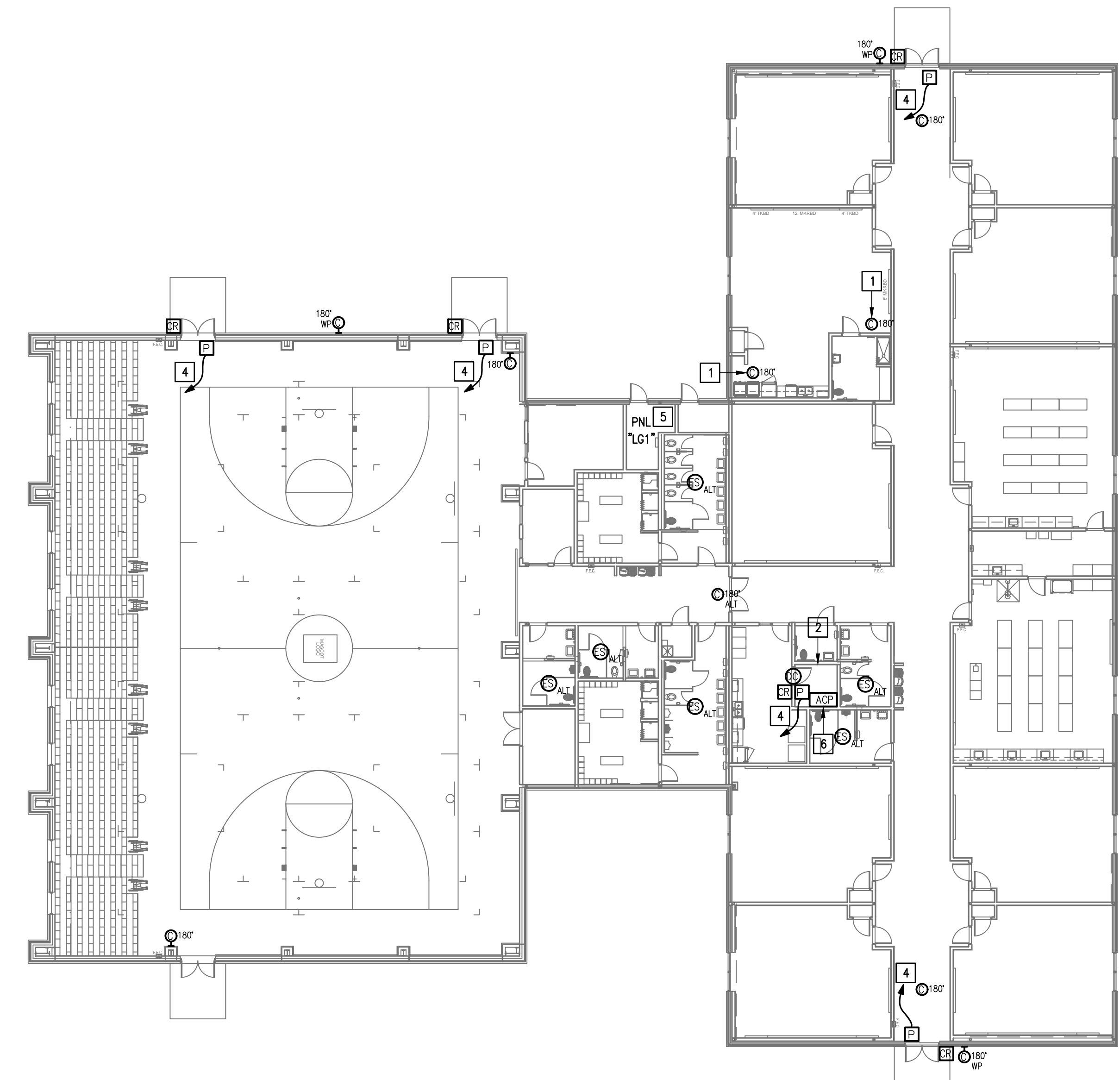
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Date: 10/24/2023  
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 Project Architect: Cesar A. Gonzalez  
 Drawn By: Roan Gomez, AIA  
 Job No.: C.G.  
 Sheet: 22/90

E2.01



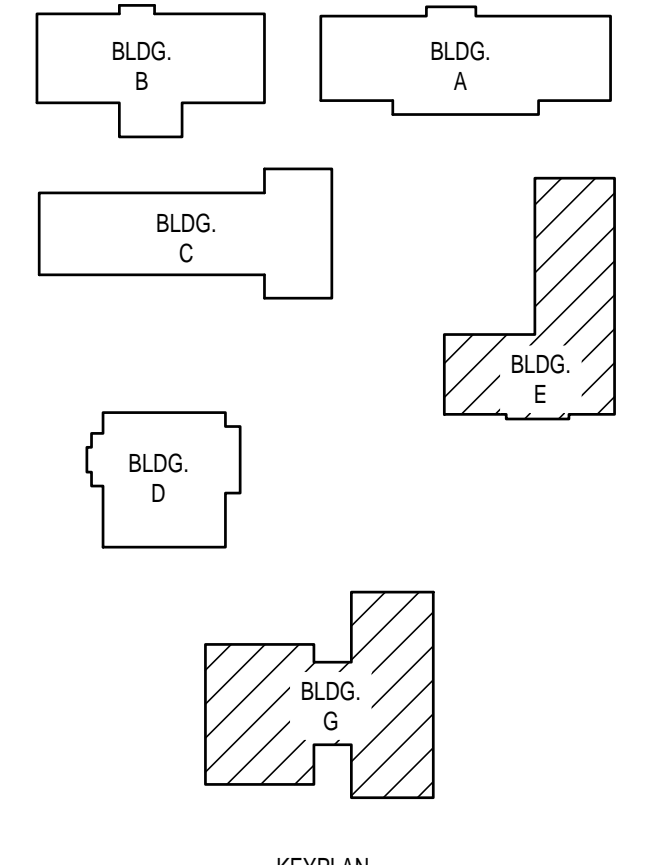
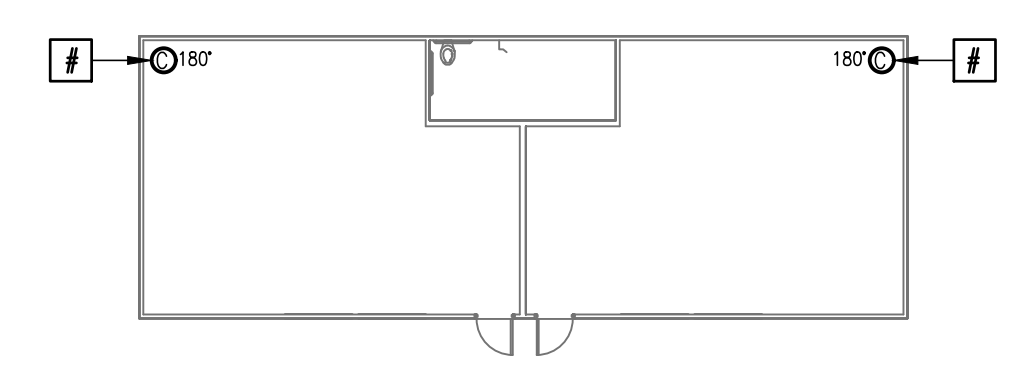
01 IDEA ALAMO  
 TECHNOLOGY PLAN (BUILDING E)  
 SCALE: 1/16" = 1'-0"  

02 IDEA ALAMO  
 TECHNOLOGY PLAN (BUILDING G)  
 SCALE: 1/16" = 1'-0"  

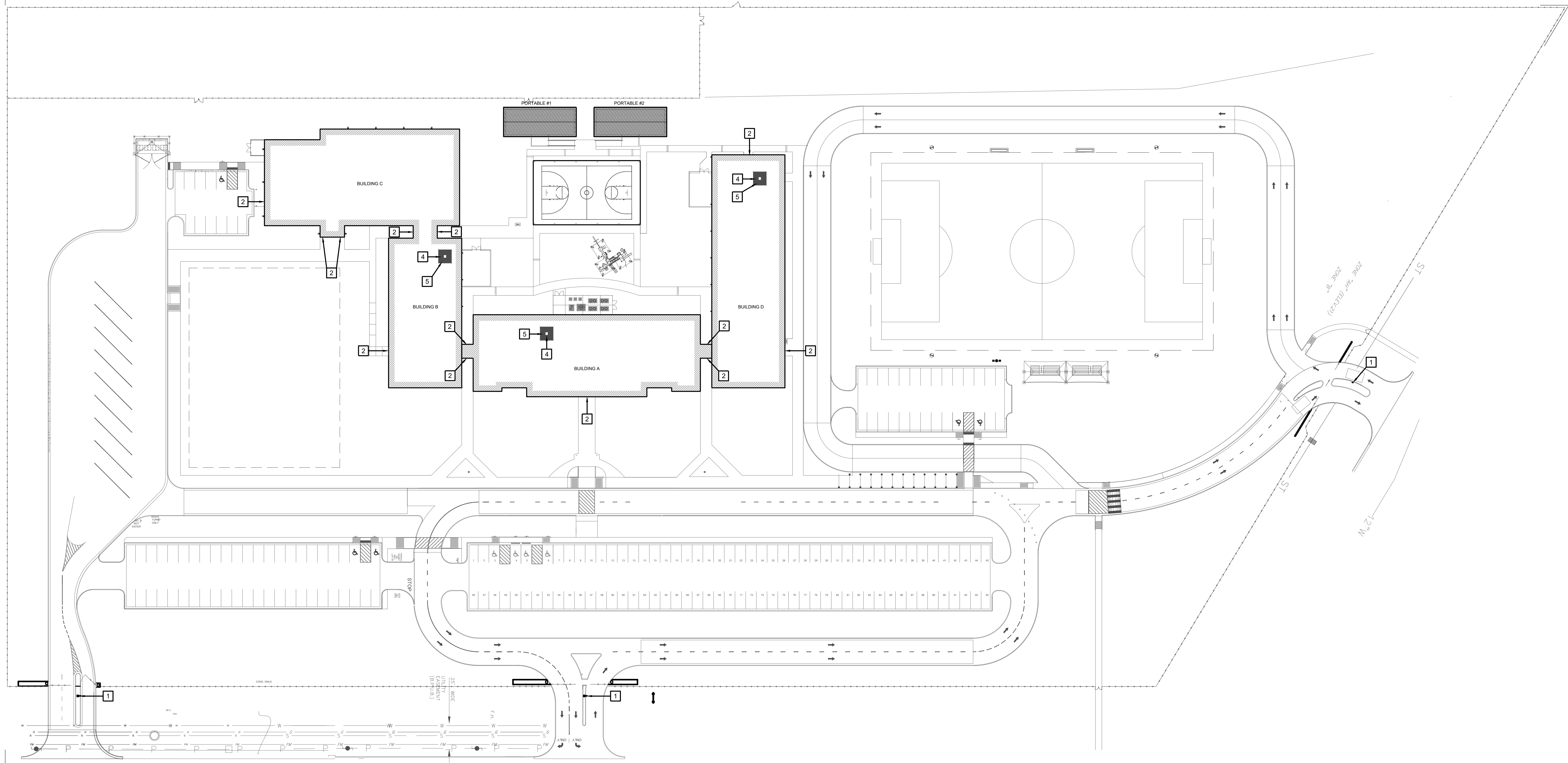

**KEYED NOTES:**

- 1 EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 EXISTING CCTV CAMERA. DISCONNECT AND REMOVE.
- 4 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT, 3/4" - 2#10 @ #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 5 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 6 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



03 IDEA ALAMO  
 TECHNOLOGY PLAN (PORTABLES)  
 SCALE: 1/16" = 1'-0"  



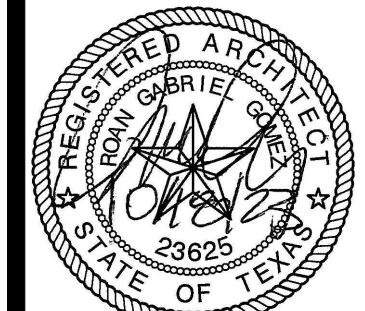
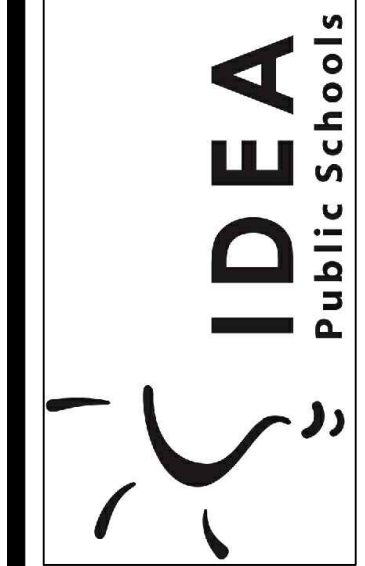



↖ PAREDES LINE ROAD (F.M. 1847)

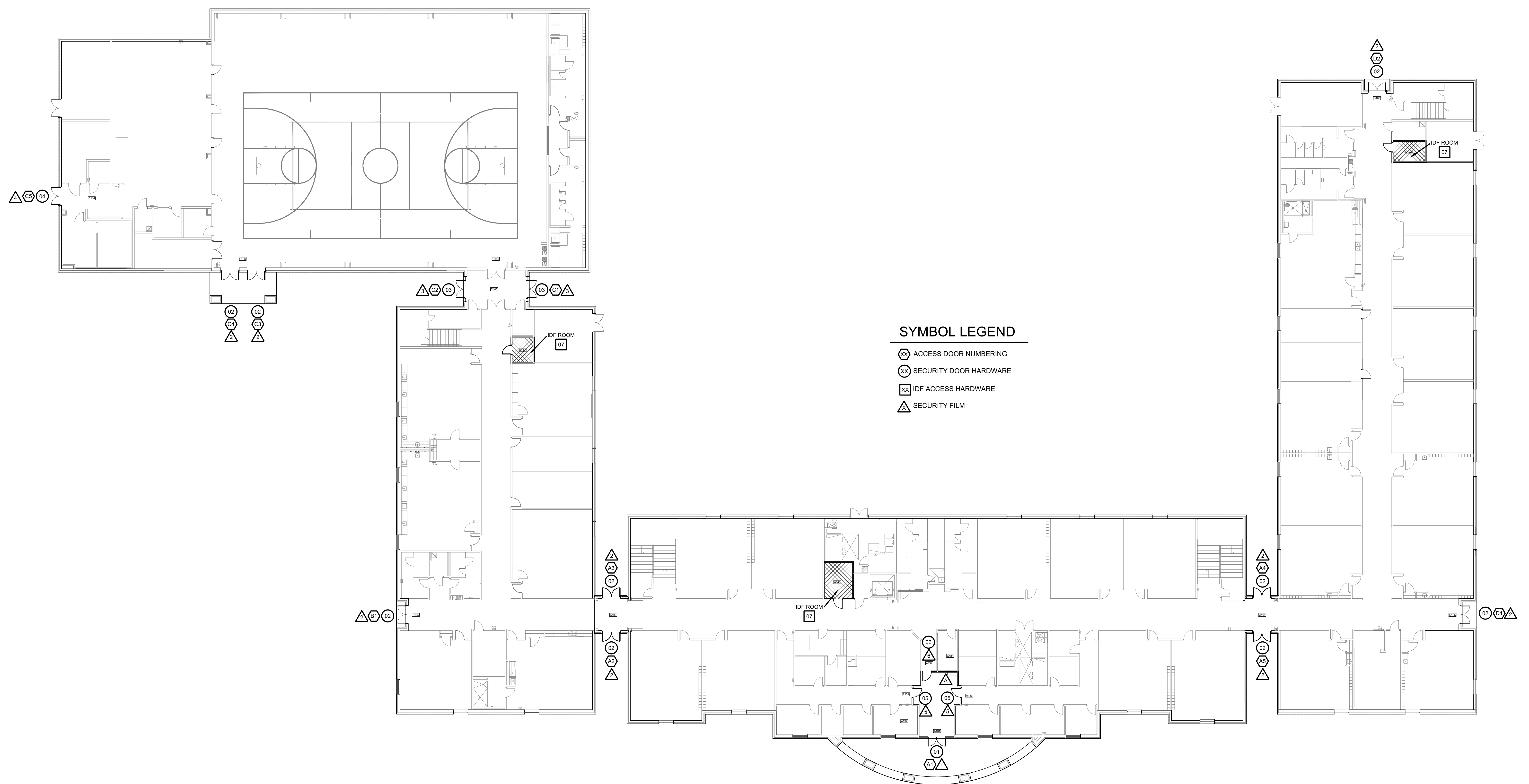
**01 SITEPLAN w/ IMPROVEMENTS**  
 SCALE: 1 = 40

- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS





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 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:



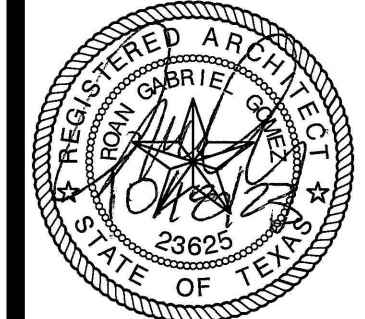
**SYMBOL LEGEND**

-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM

FIRST FLOOR  
**01 FLOOR PLAN**  
 SCALE: 1 = 40

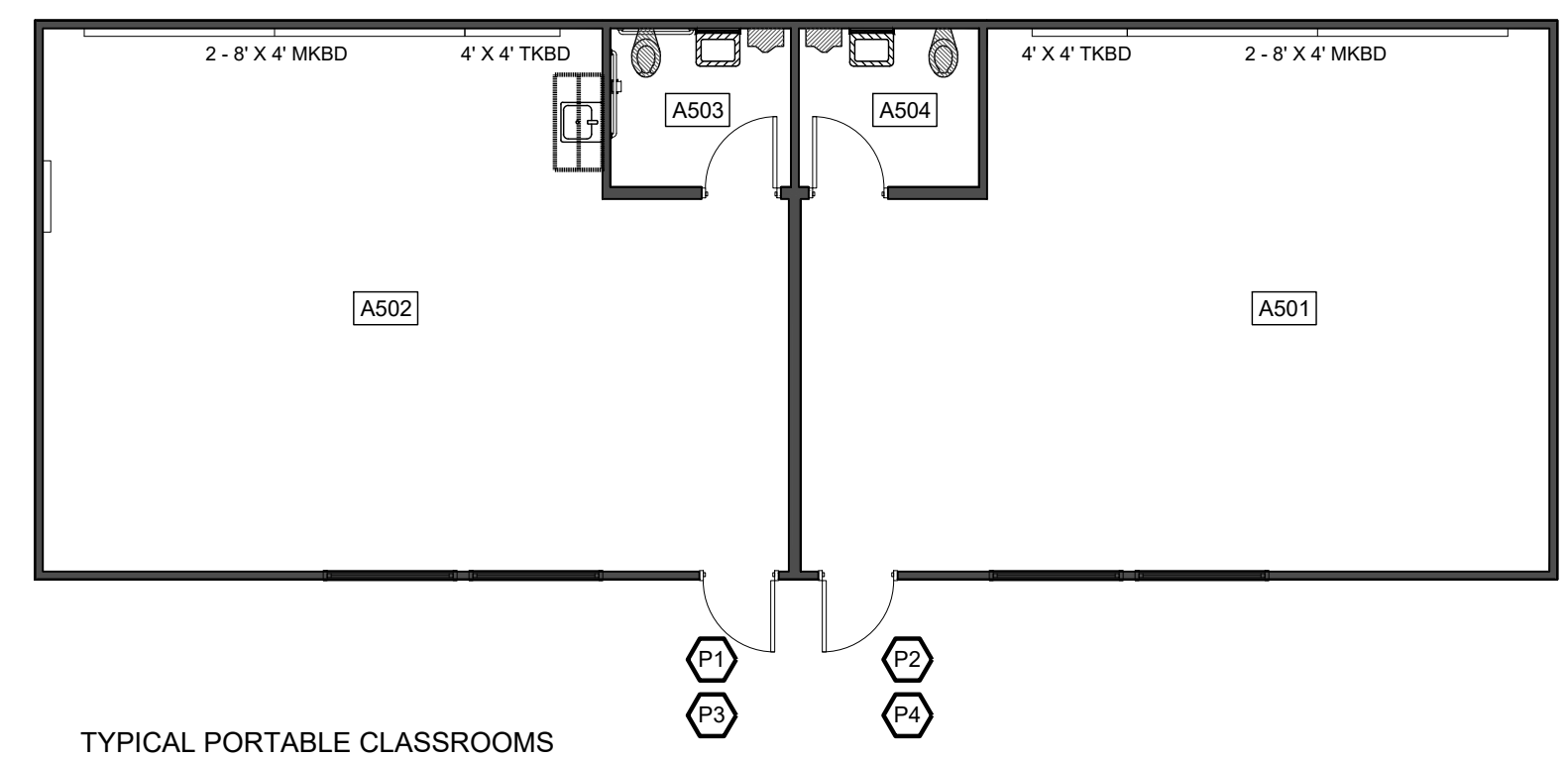
**IDEA BROWNSVILLE**

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 BROWNSVILLE, TEXAS

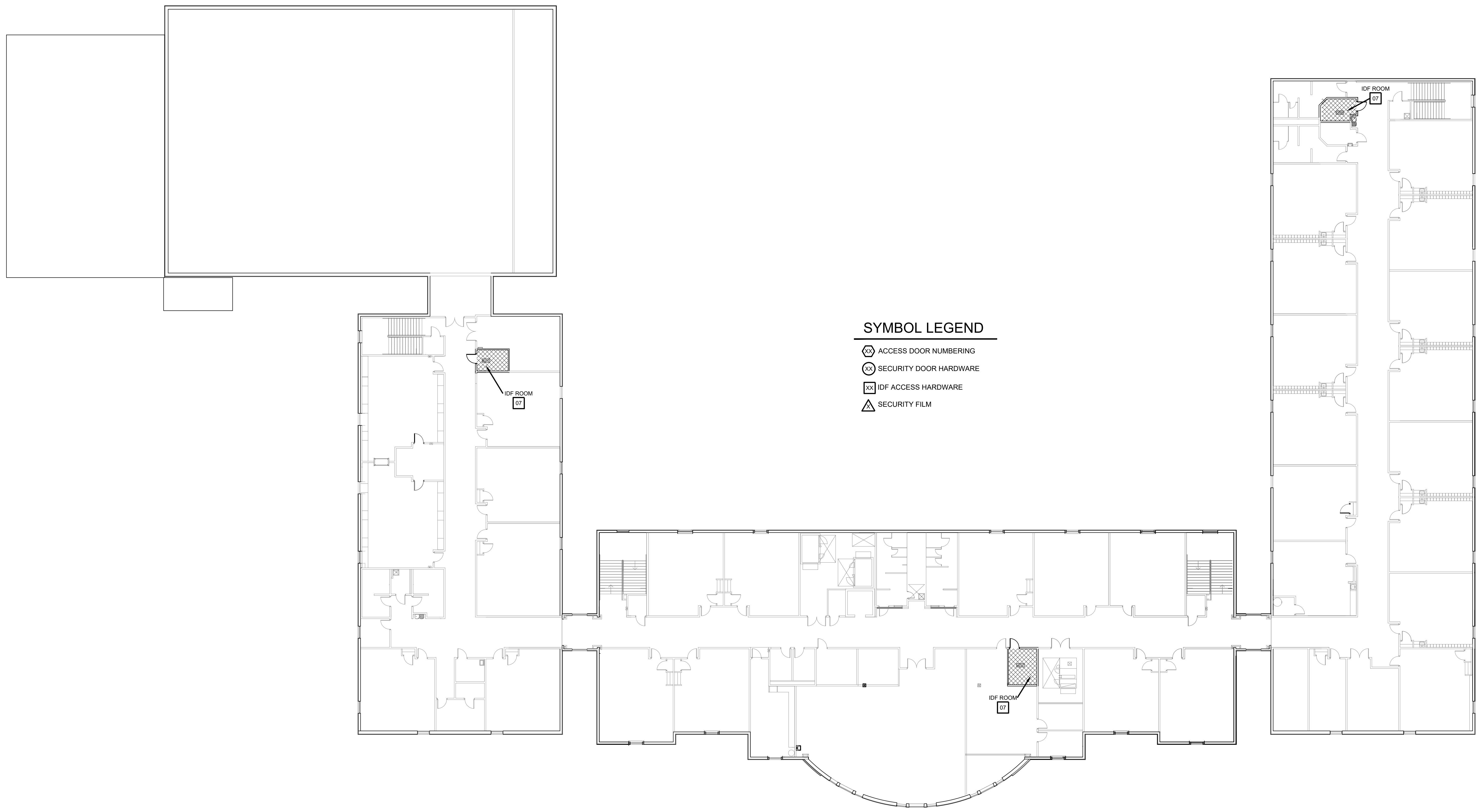






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 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

**A2.01**



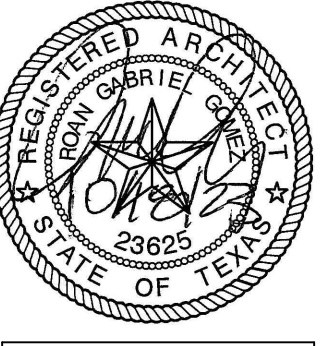
TYPICAL PORTABLE CLASSROOMS  
**02 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"  
 TYPICAL FOR ALL TWO (2) PORTABLES AS LOCATED ON SHEET A1.01



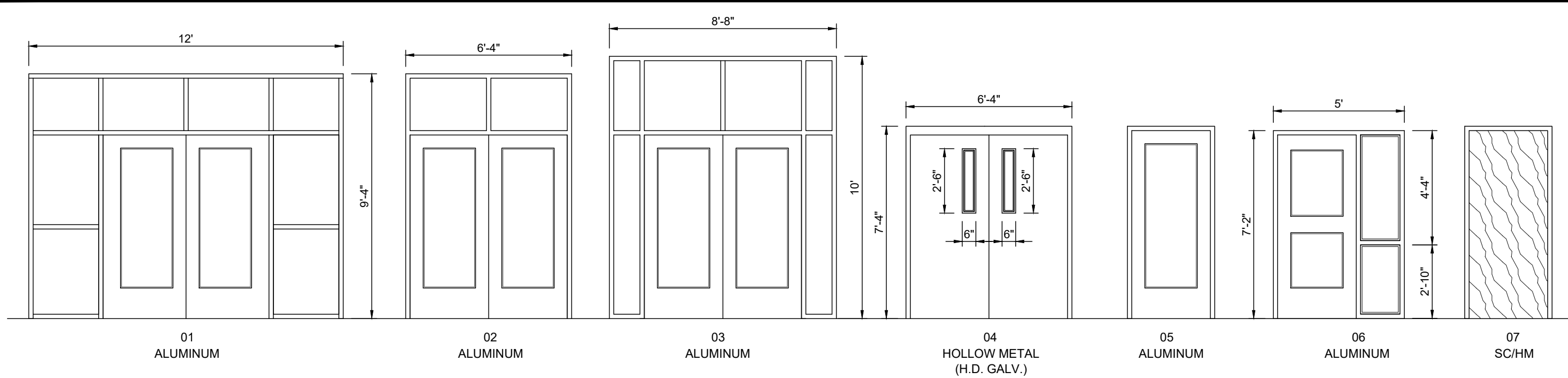
- SYMBOL LEGEND**
-  ACCESS DOOR NUMBERING
  -  SECURITY DOOR HARDWARE
  -  IDF ACCESS HARDWARE
  -  SECURITY FILM

SECOND FLOOR  
**01 FLOOR PLAN**  
 SCALE: 1" = 40'

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 BROWNSVILLE, TEXAS

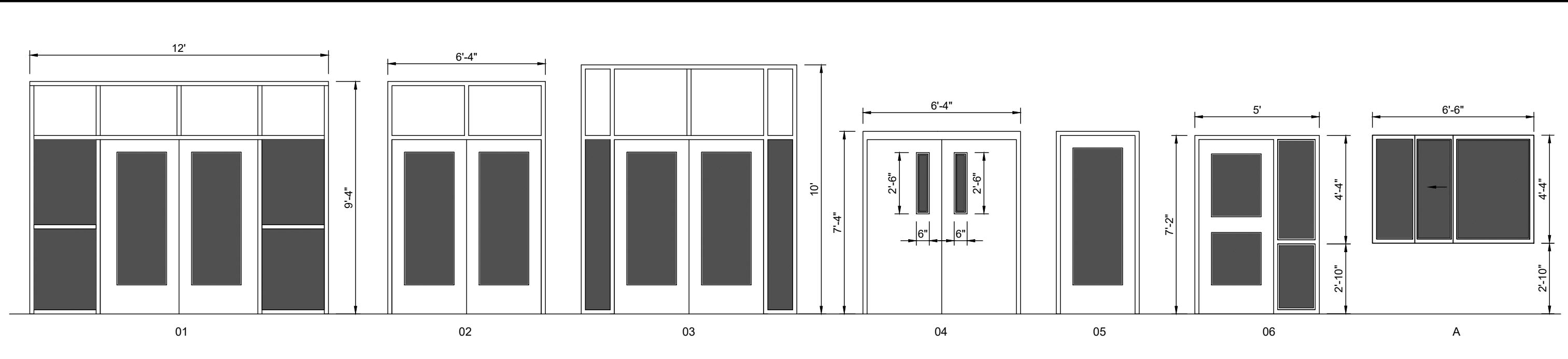


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 Job No: IDEA SECURITY  
 Sheet:



ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**

SCALE 1/4" = 1'-0"

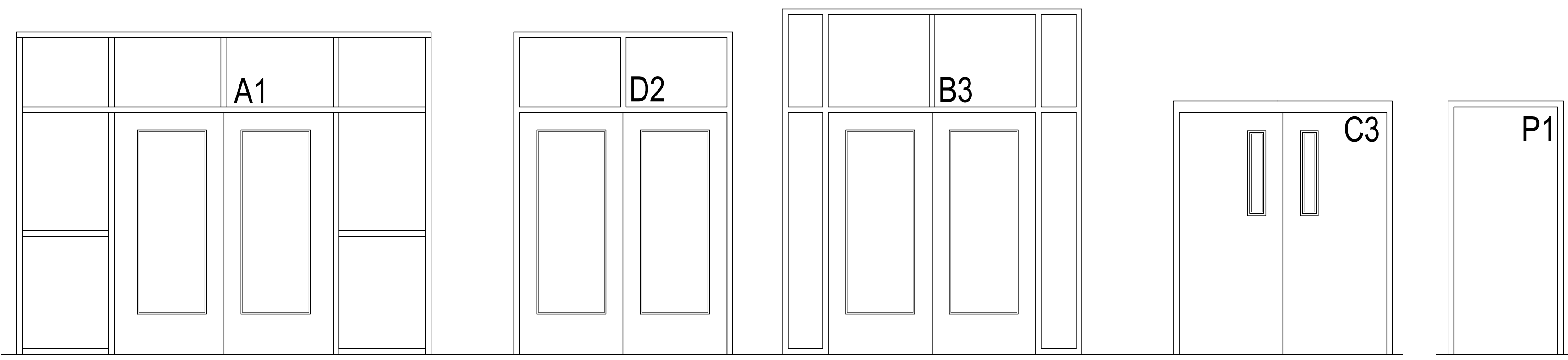


SECURITY FILM  
**DOOR / FRAME ELEVATIONS**

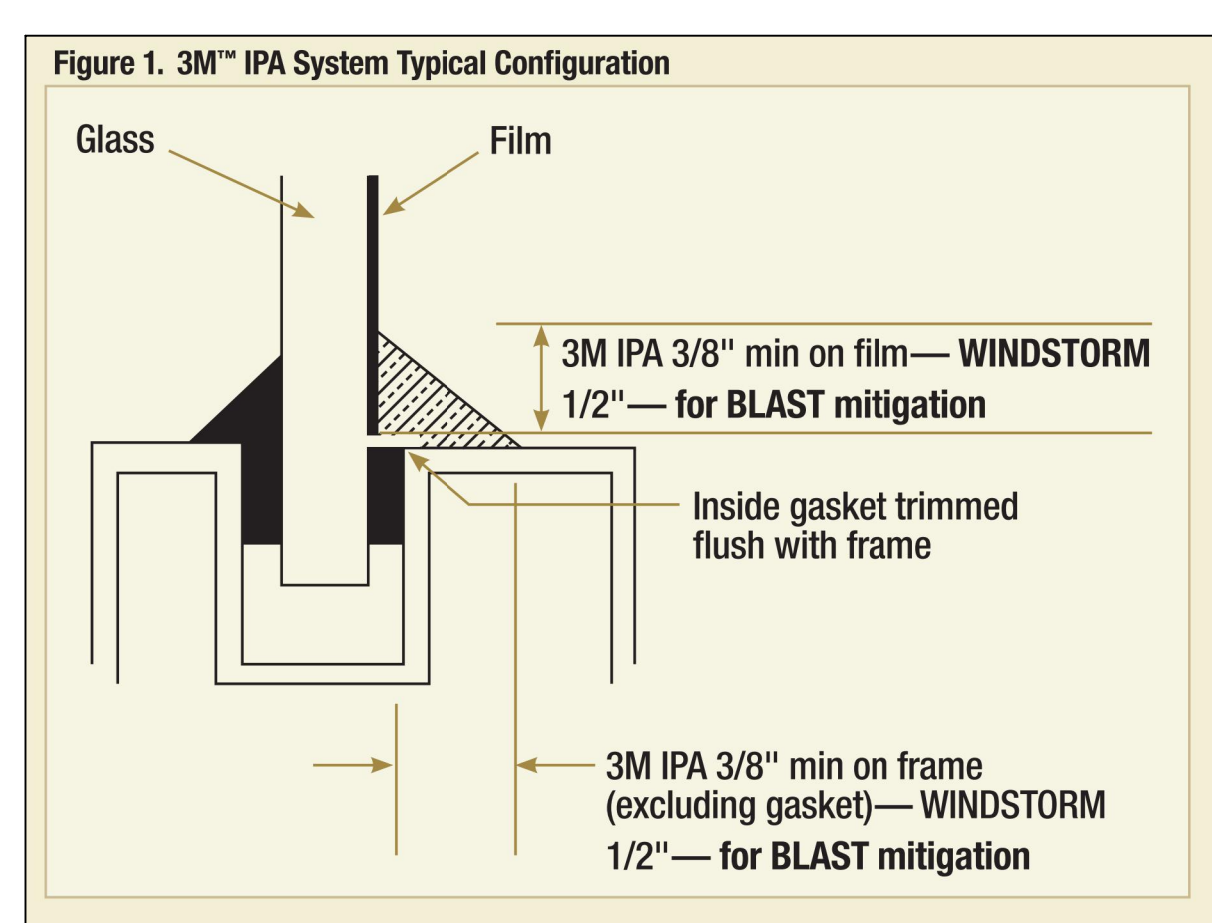
SCALE 1/4" = 1'-0"

ACCESS CONTROL - DOOR SCHEDULE											
BLDG	DOOR NO.	MATL.	DOOR			FRAME			HDWR	REMARKS	
			W	H	T	MATL.	W	H			T
A101	01	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	12'-0"	6'-4"	4-1/2"	A	
A103-1	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	A	
A103-2	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	A	
A104-1	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	A	
A104-2	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	A	
A131	05	ALUM.	3'-0"	7'-0"	1.3/4"	ALUM.	3'-4"	7'-4"	4-1/2"	C	
A133	05	ALUM.	3'-0"	7'-0"	1.3/4"	ALUM.	3'-4"	7'-4"	4-1/2"	C	
A134	06	ALUM.	3'-0"	7'-0"	1.3/4"	ALUM.	5'-0"	7'-2"	4-1/2"	C	
A140	07	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-4"	4-1/2"	F	IDF ROOM
A217	07	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-4"	4-1/2"	F	IDF ROOM
B105	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	A	
B117	07	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-4"	4-1/2"	F	
B217	07	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-4"	4-1/2"	F	IDF ROOM
C100-1	03	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	8'-8"	10'-0"	4-1/2"	A	
C100-2	03	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	8'-8"	10'-0"	4-1/2"	A	
C106-1	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	A	
C106-2	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	A	
C114	04	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-2"	4-1/2"	B	
D105	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	A	
D106	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	A	
D122	07	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-4"	4-1/2"	F	IDF ROOM
D226	07	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-4"	4-1/2"	F	IDF ROOM

WINDOW FILM - DOOR / WINDOW SCHEDULE										
BLDG	FRAME NO.	MATL.	DOOR			FRAME			REMARKS	
			W	H	T	MATL.	W	H		T
A101	1	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	12'-0"	6'-4"	4-1/2"	
A103-1	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	
A103-2	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	
A104-1	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	
A104-2	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	
A131	5	ALUM.	3'-0"	7'-0"	1.3/4"	ALUM.	3'-4"	7'-4"	4-1/2"	
A133	5	ALUM.	3'-0"	7'-0"	1.3/4"	ALUM.	3'-4"	7'-4"	4-1/2"	
A134	6	ALUM.	3'-0"	7'-0"	1.3/4"	ALUM.	3'-4"	7'-2"	4-1/2"	
A135	A					ALUM.	6'-6"	4'-4"		
B-105	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	
C100-1	3	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	8'-8"	10'-0"	4-1/2"	
C100-2	3	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	8'-8"	10'-0"	4-1/2"	
C106-1	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	
C106-2	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	
C114	4	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-2"	4-1/2"	
D105	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	
D106	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	6'-4"	4-1/2"	



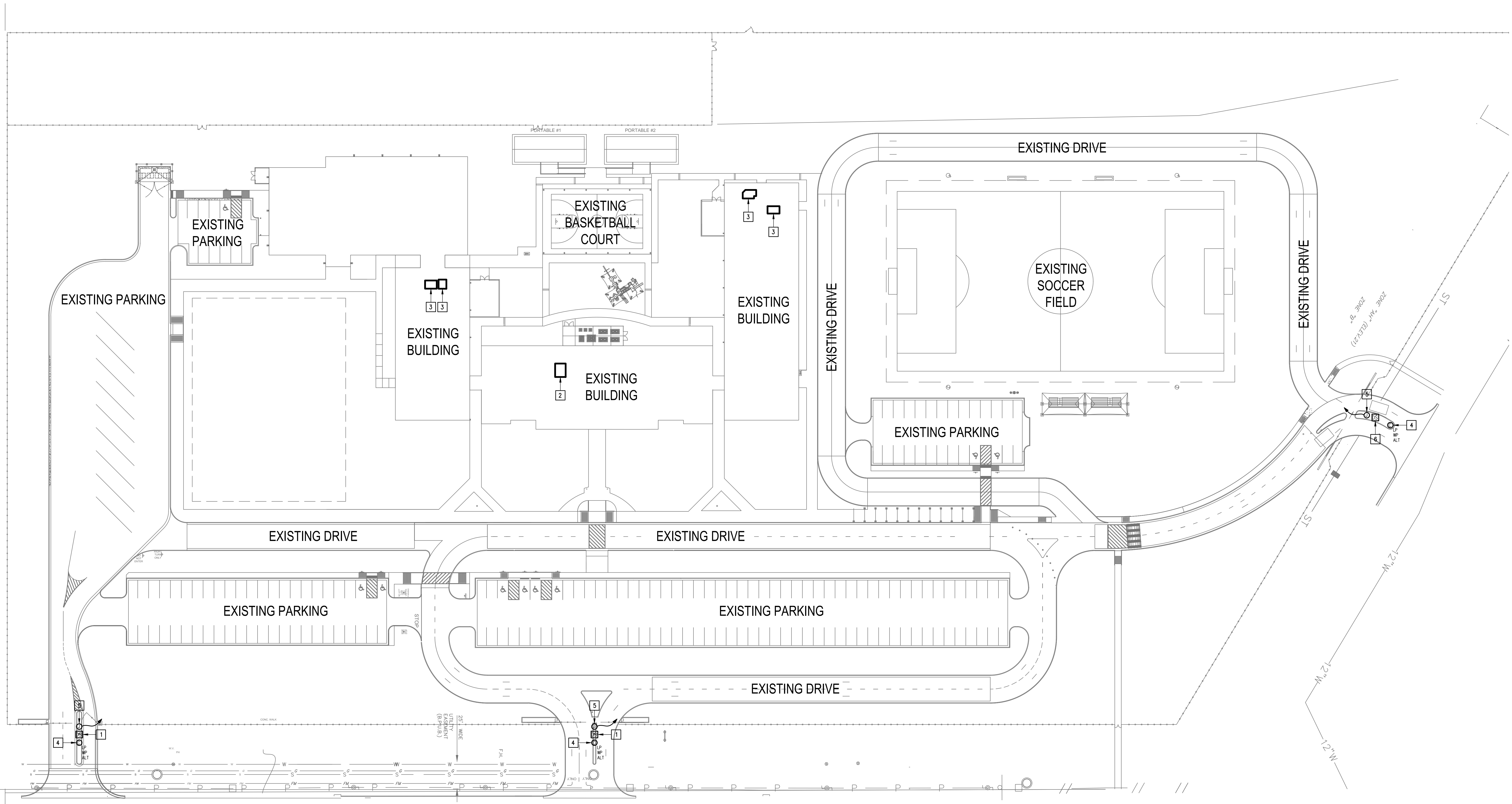
**02 DOOR NUMBER LOCATION**  
ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.



**01 FILM DETAIL**  
NOT TO SCALE

Oct 18, 2023 - 9:20amC:\Users\rgg\Dropbox\2022 IDEA Safety and Security\IDEA Brownsville\A3.01.dwg

- KEYED NOTES:**
- 1 EXISTING PEDESTAL MOUNTED DOOR STATION & KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 2 EXISTING MDF ROOM.
  - 3 EXISTING IDF ROOM.
  - 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT, PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
  - 5 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT, BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
  - 6 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.



☛ PAREDES LINE ROAD (F.M. 1847)  
 (100' R.O.W.)





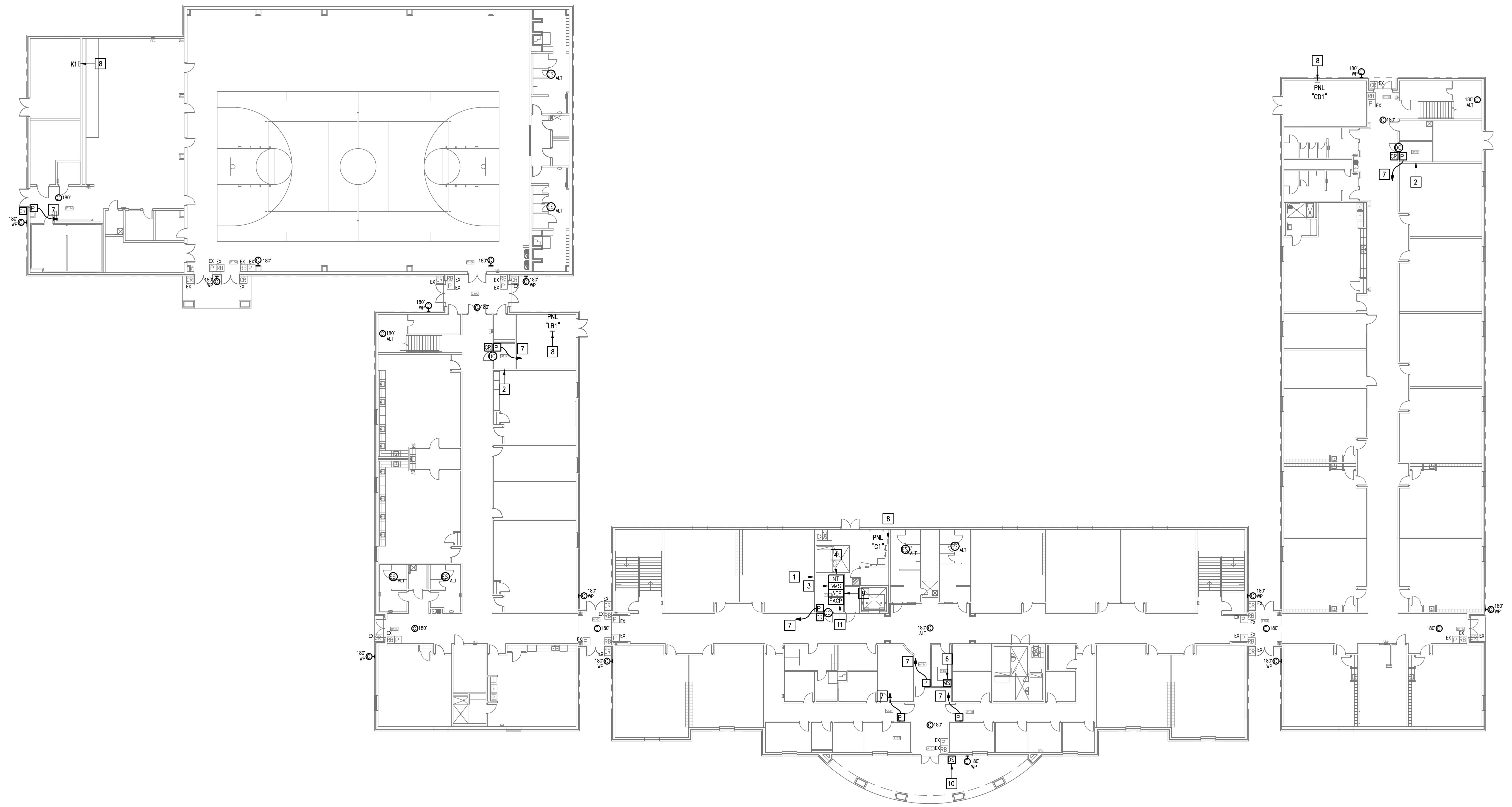
GMS ARCHITECTS  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

### GENERAL NOTES:

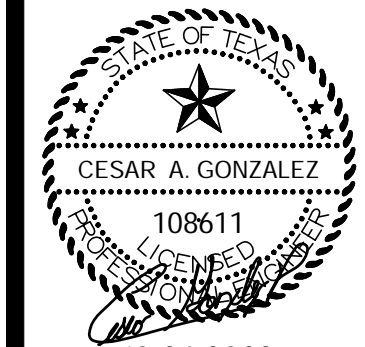
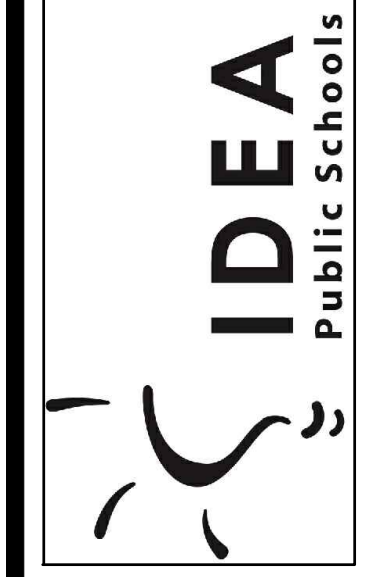
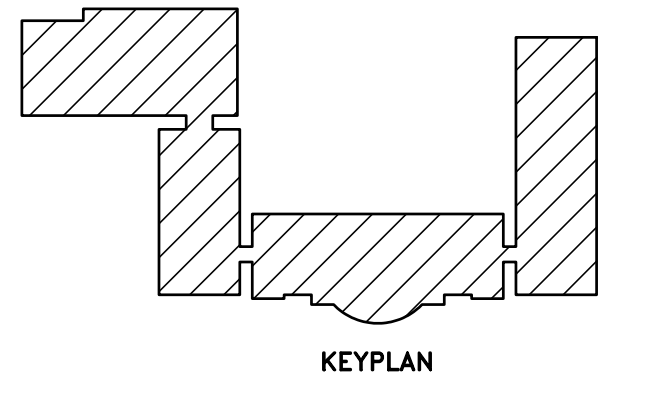
- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

### KEYED NOTES:

- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL GEM-X255.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- APPROXIMATE LOCATION OF EXISTING FIRE ALARM CONTROL PANEL MODEL NOTIFIER NFS2-303D. PROVIDE NECESSARY HARDWARE, CABLING AND PROGRAMMING FOR INTERFACING WITH ACCESS CONTROL SYSTEM. UPON ACTIVATION OF FIRE ALARM SYSTEM ALL ACCESS DOORS MAGNETIC LOCKS SHALL BE RELEASED FOR EMERGENCY EXIT.



01 IDEA BROWNSVILLE  
 TECHNOLOGY PLAN (FIRST FLOOR)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



10.24.2023  
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Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:



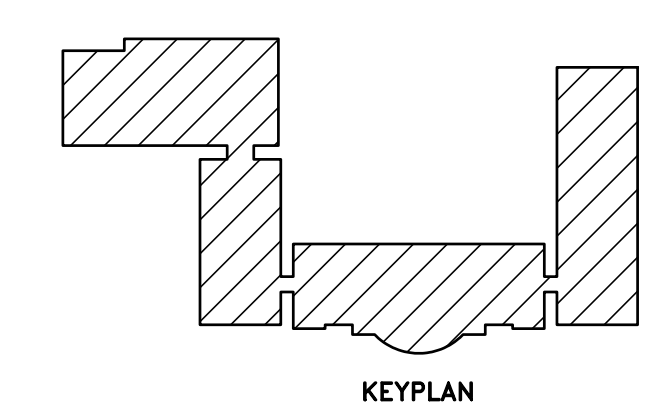
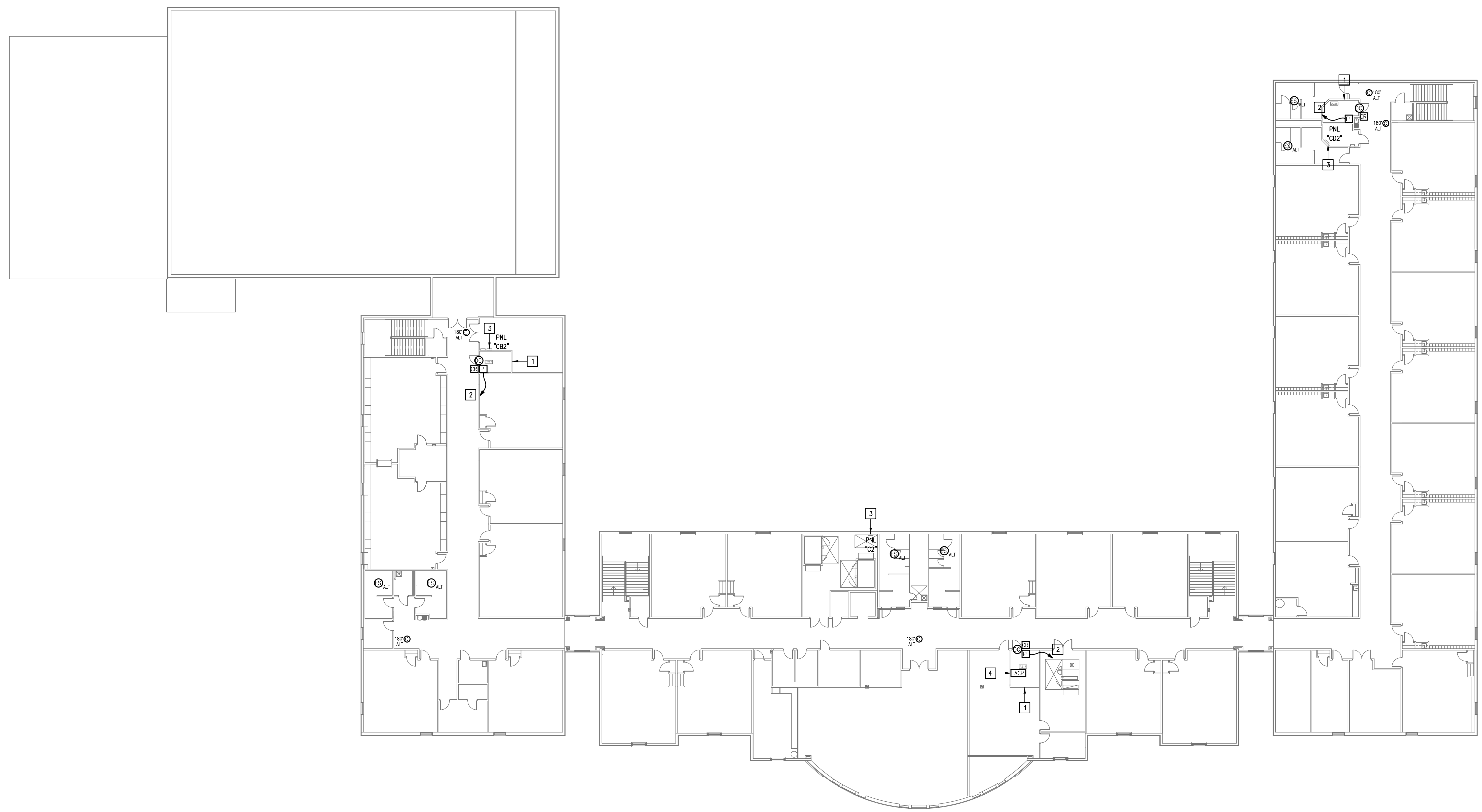



**GENERAL NOTES:**

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



**IDEA BROWNSVILLE  
 TECHNOLOGY PLAN (SECOND FLOOR)**  
 01 SCALE: 1/16" = 1'-0"  PLAN NORTH

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 BROWNSVILLE, TEXAS

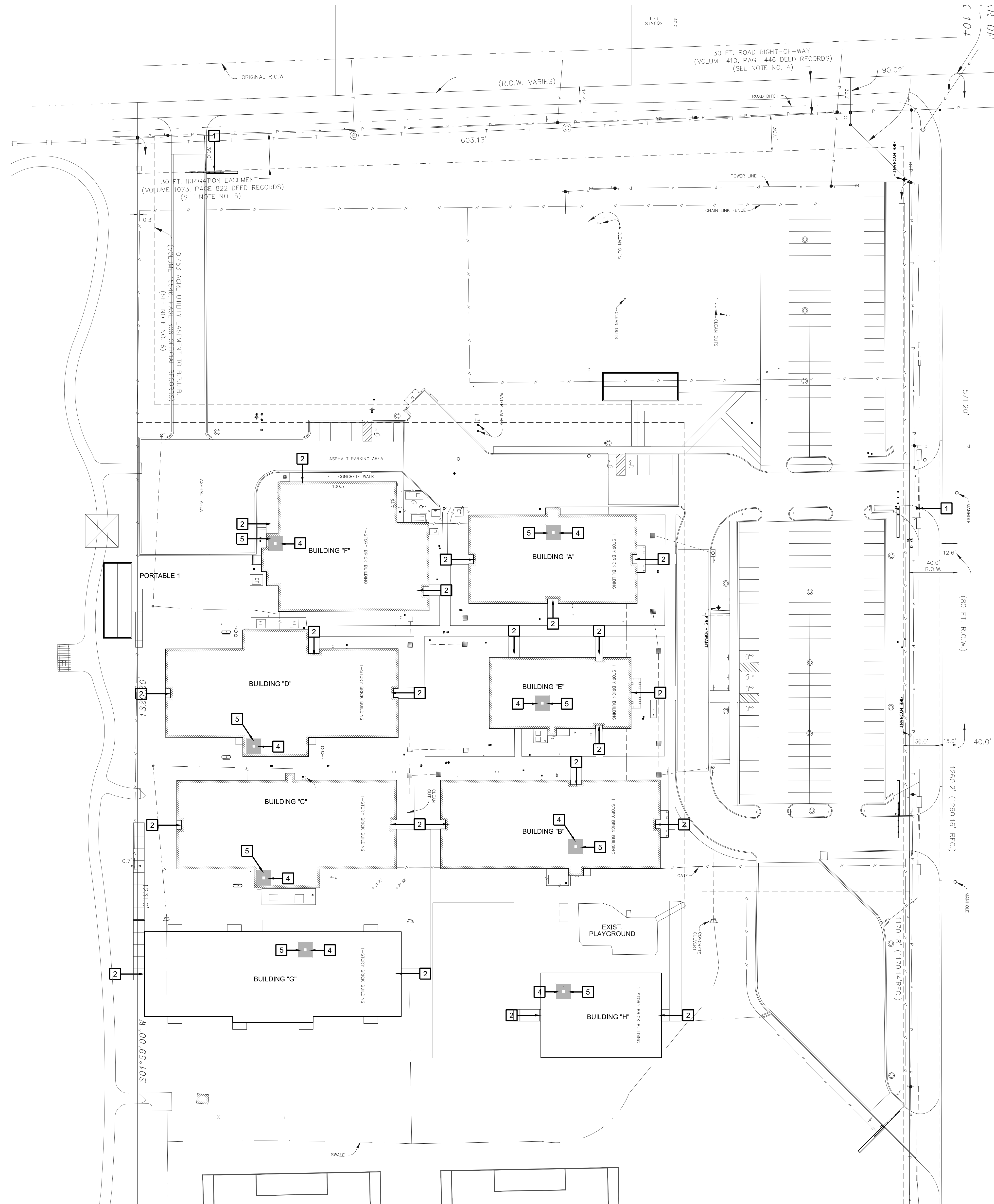


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 Interior Designers

Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:



**E2.02**



### 01 SITE PLAN

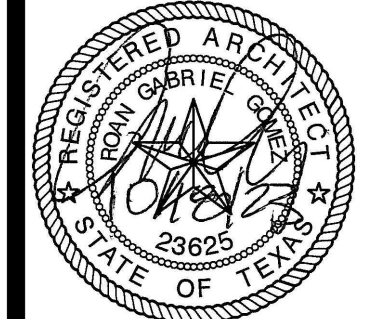
SCALE: 1:40



#### SITE PLAN KEY NOTES:

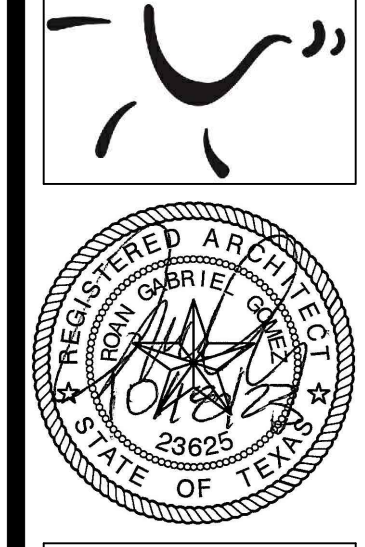
- 1 GATE VIDEO ACCESS WITH CARD READER
- 2 EXTERIOR ACCESS DOOR WITH CARD READER
- 3 EXTERIOR NETWORKING DOOR WITH CARD READER
- 4 INTERIOR NETWORKING DOOR WITH CARD READER
- 5 NETWORK IDF/MDF ROOM LOCATIONS

# IDEA PUBLIC SCHOOLS SECURITY IMPROVEMENTS BROWNSVILLE, TEXAS



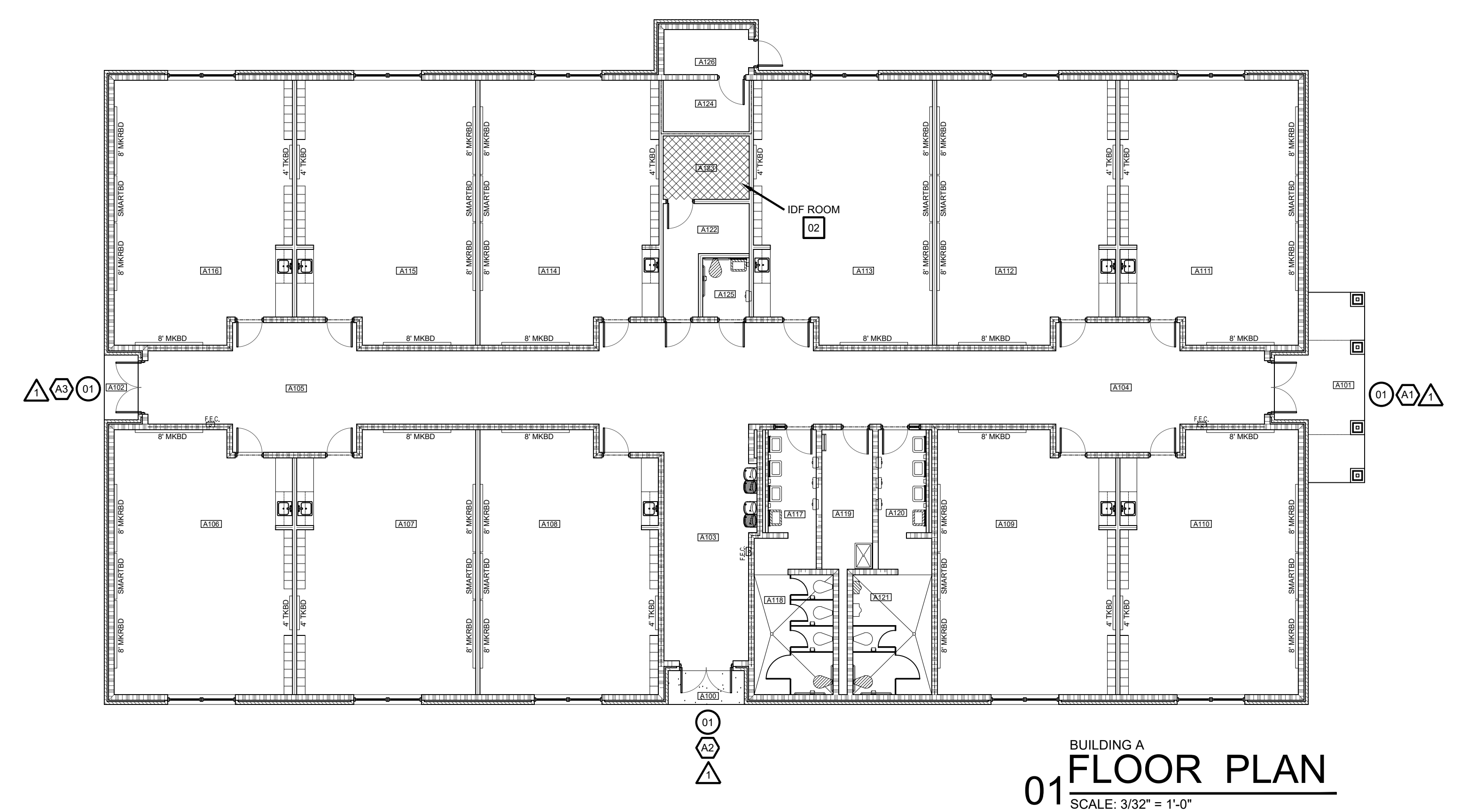
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Interior Designers

Date: 01/2023  
Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: CG, JO, JA  
Job No: IDEA SECURITY  
Sheet: IDEA SECURITY

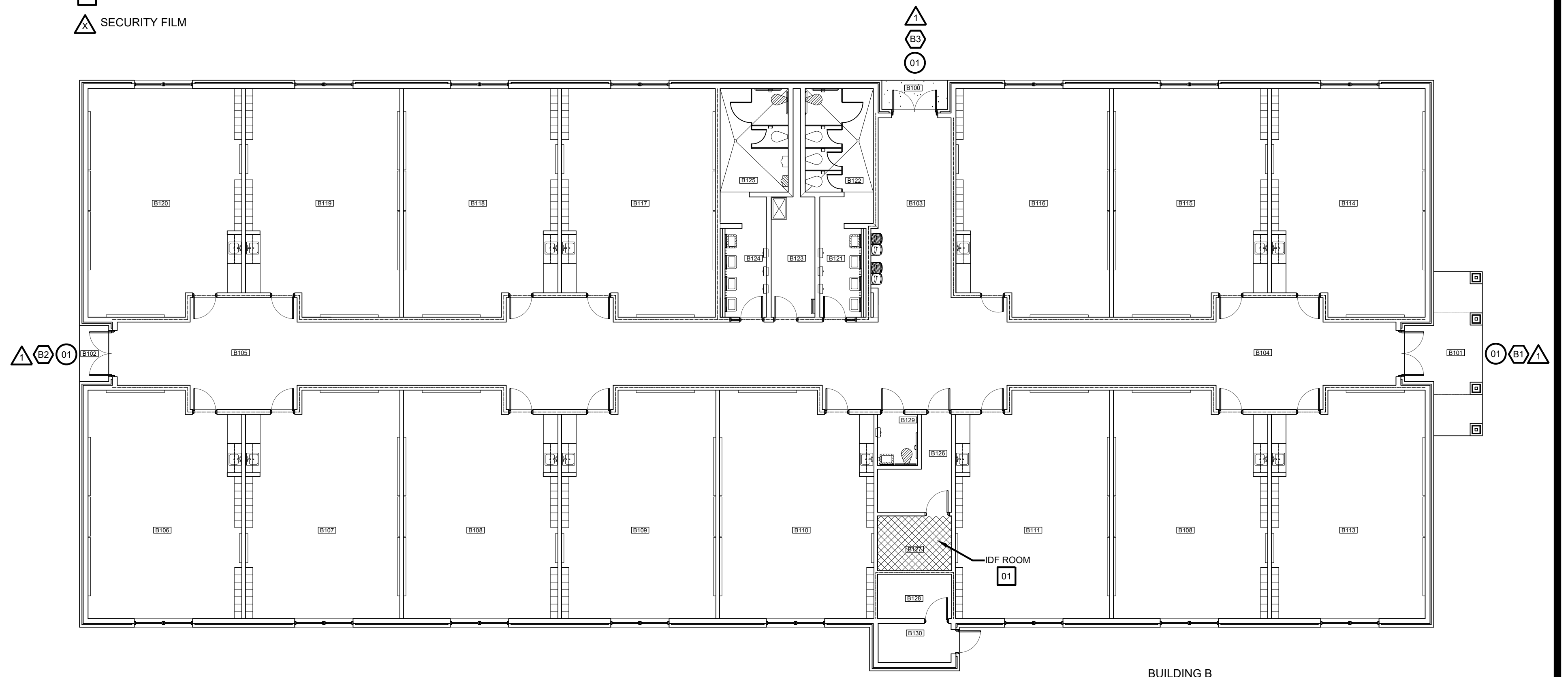


SYMBOL LEGEND

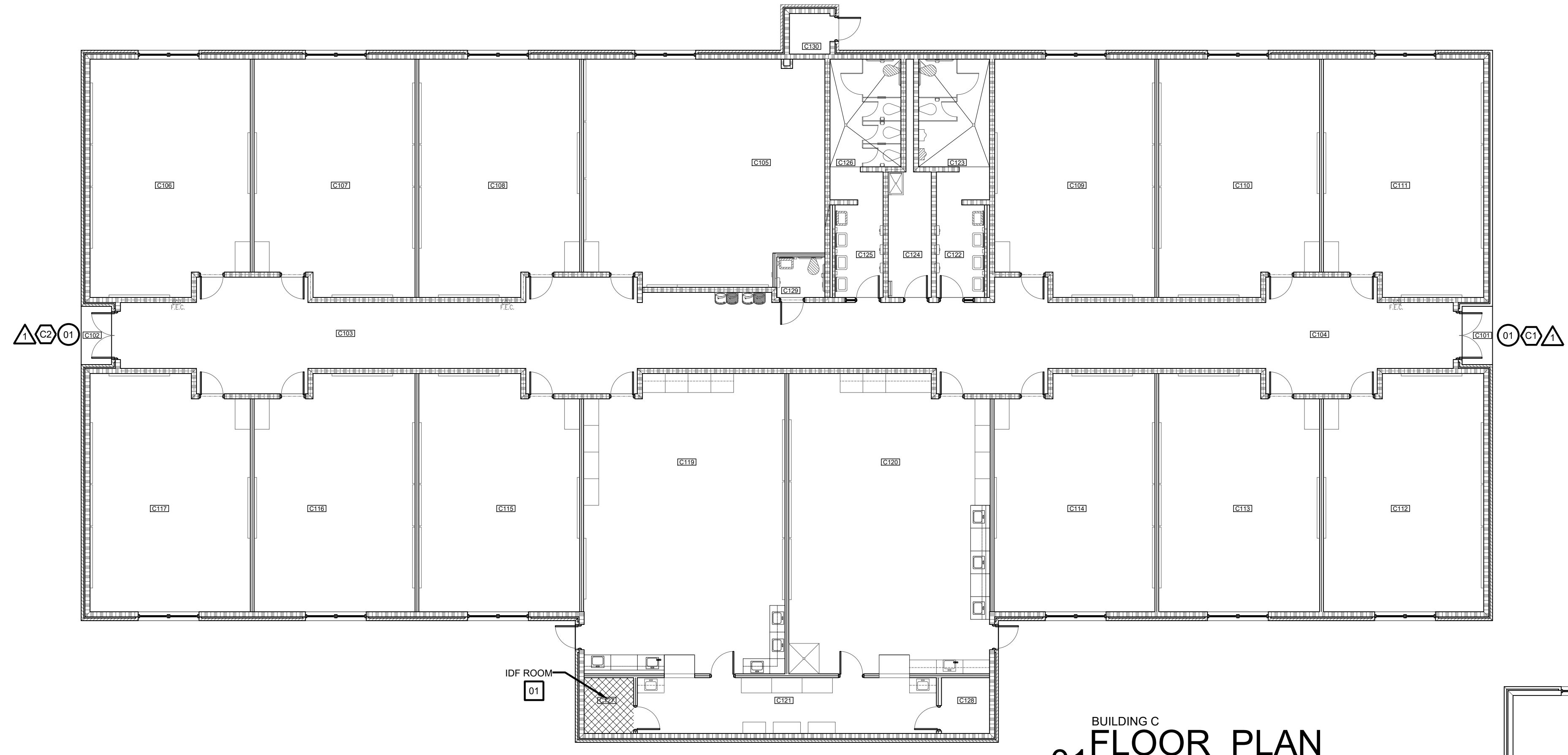
- ⓧ ACCESS DOOR NUMBERING
- ⓧ SECURITY DOOR HARDWARE
- ⓧ IDF ACCESS HARDWARE
- △ SECURITY FILM



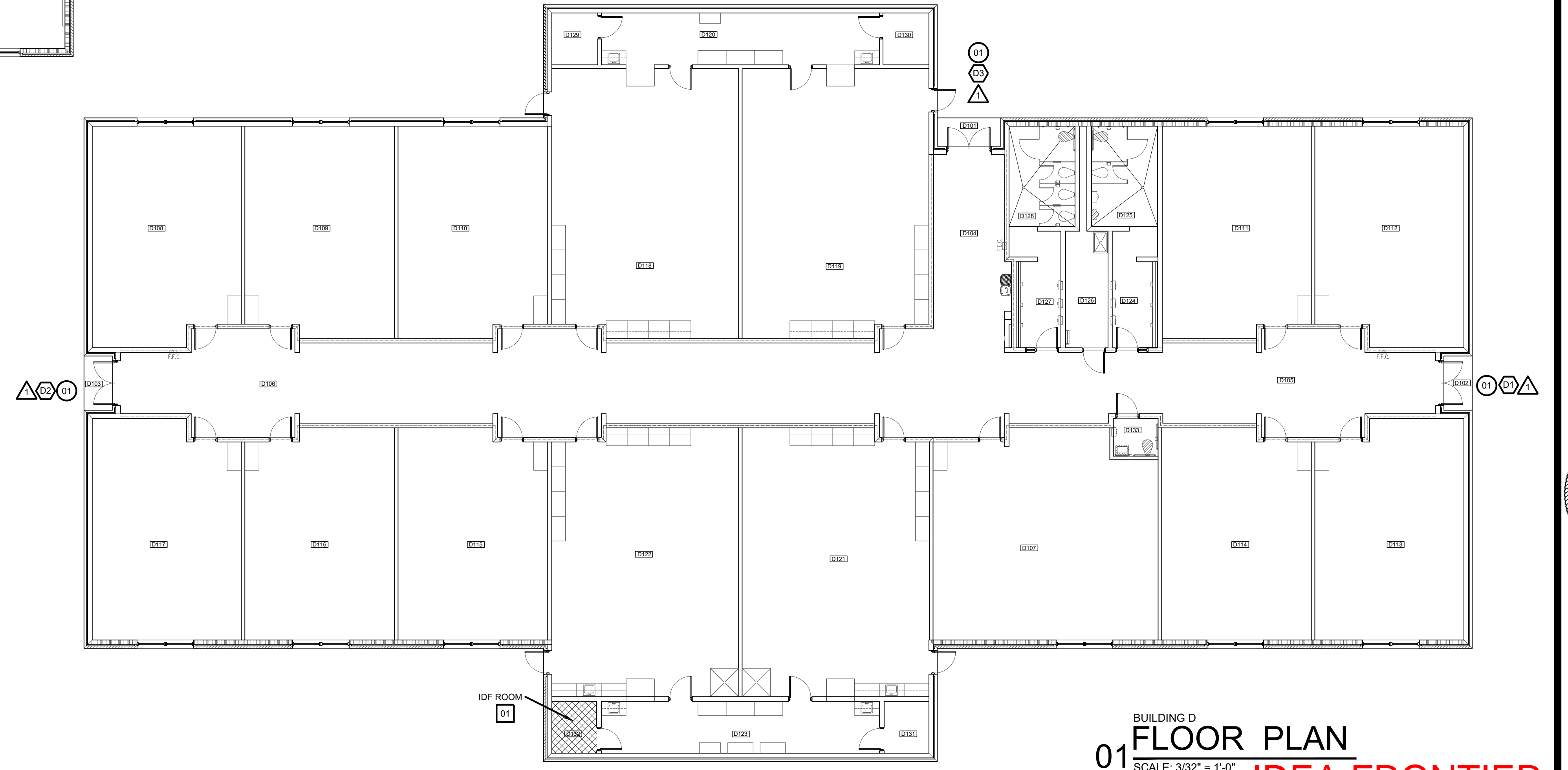
BUILDING A  
 01 FLOOR PLAN  
 SCALE: 3/32" = 1'-0"



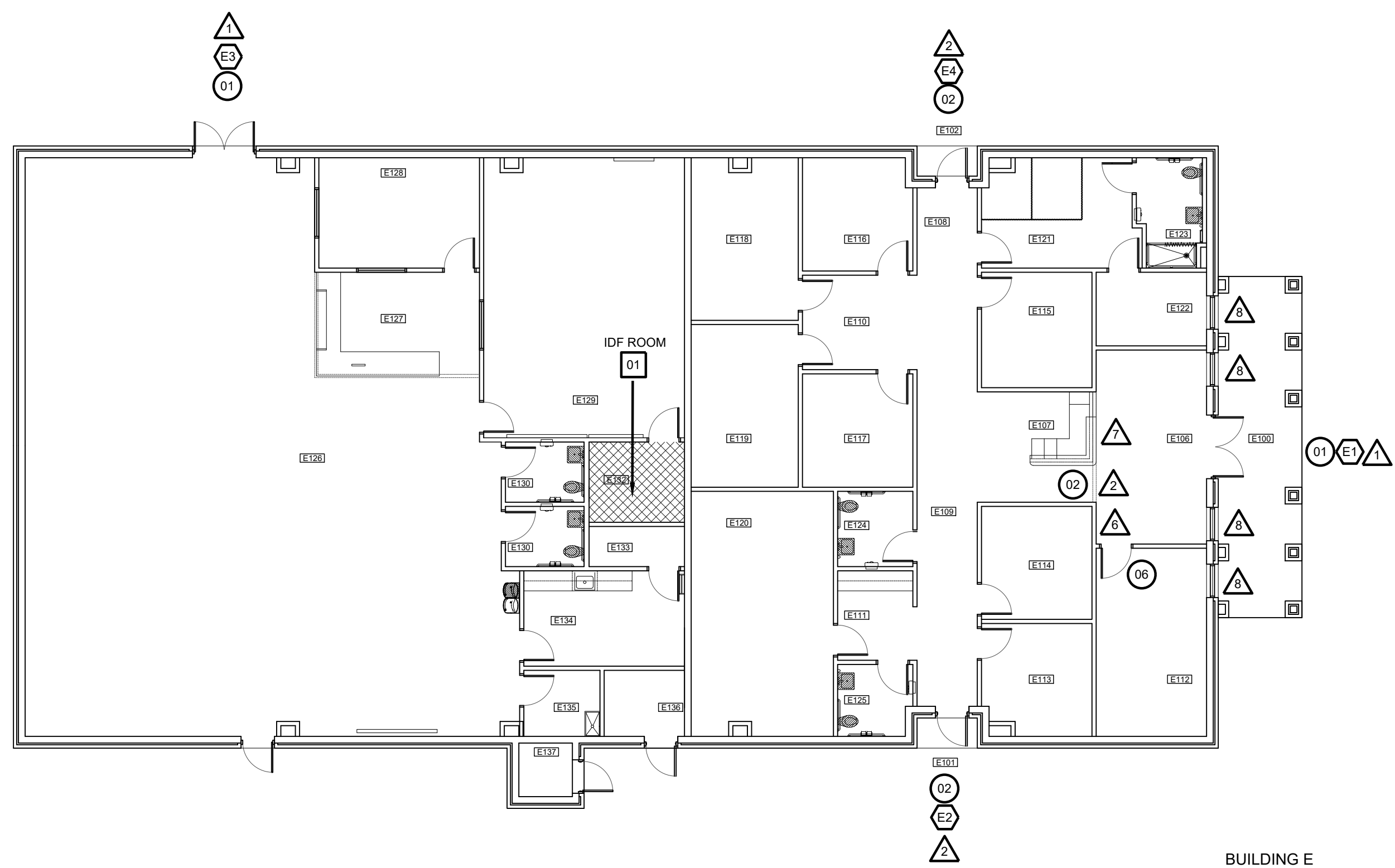
BUILDING B  
 01 FLOOR PLAN  
 SCALE: 3/32" = 1'-0"







BUILDING C  
 01 FLOOR PLAN  
 SCALE: 3/32" = 1'-0"

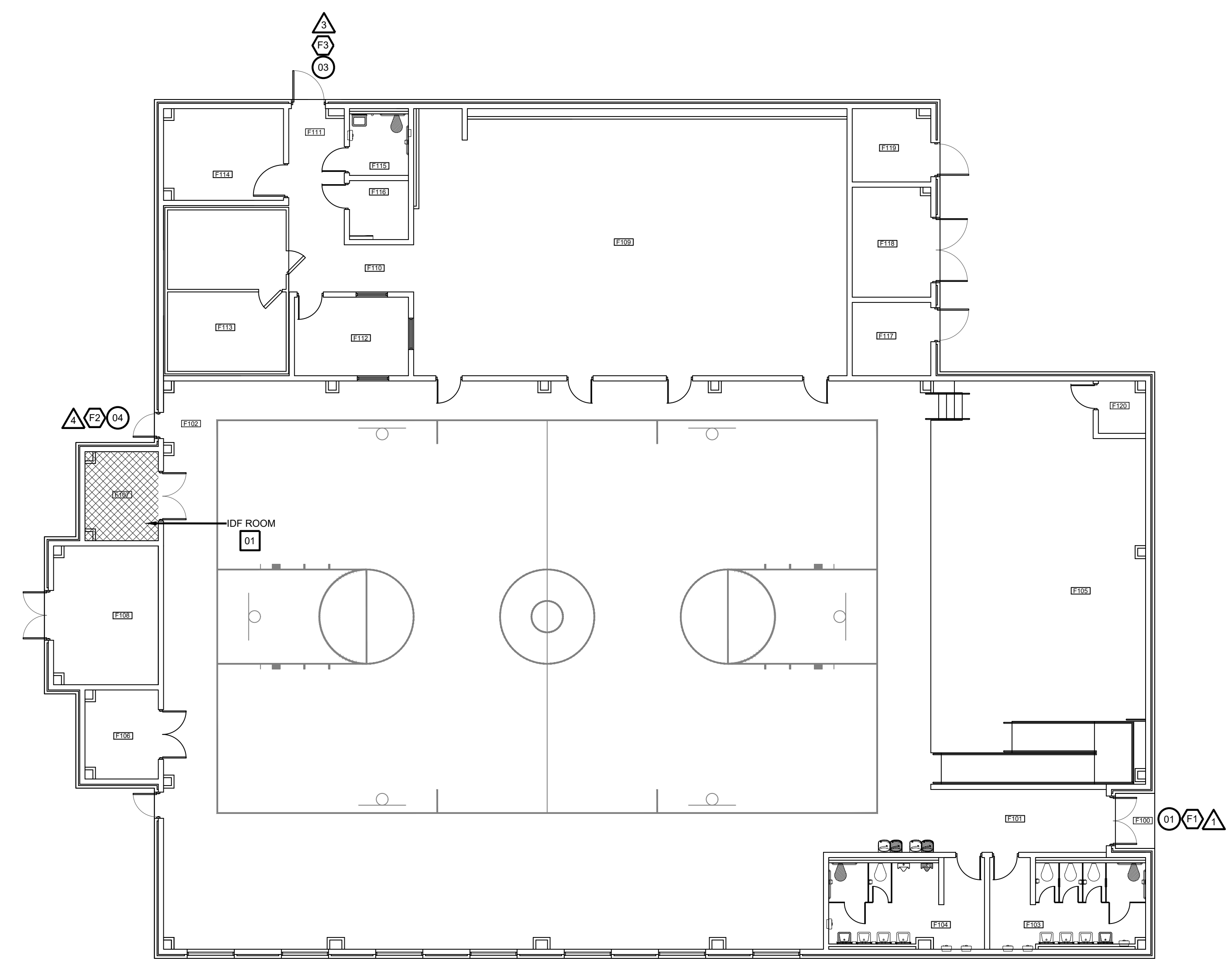


BUILDING D  
 01 FLOOR PLAN  
 SCALE: 3/32" = 1'-0"

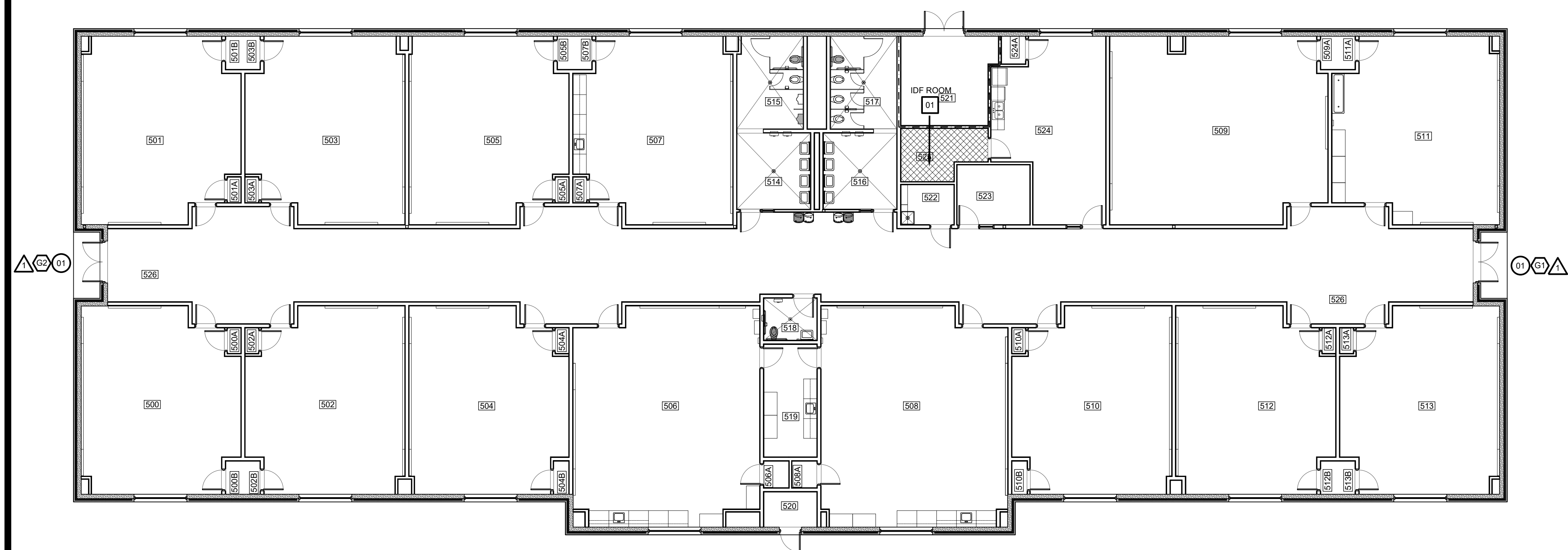


BUILDING E  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

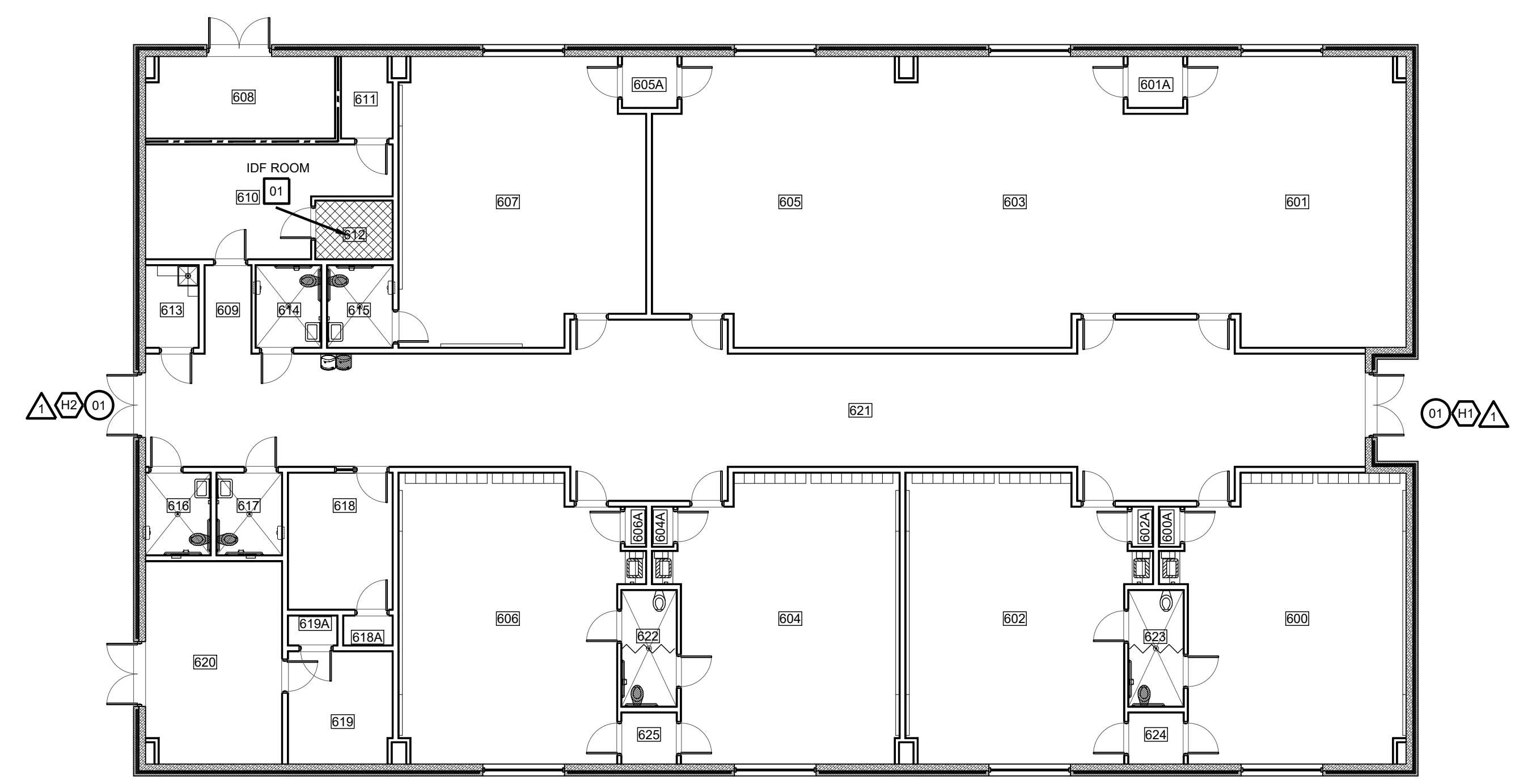
- SYMBOL LEGEND**
-  ACCESS DOOR NUMBERING
  -  SECURITY DOOR HARDWARE
  -  IDF ACCESS HARDWARE
  -  SECURITY FILM



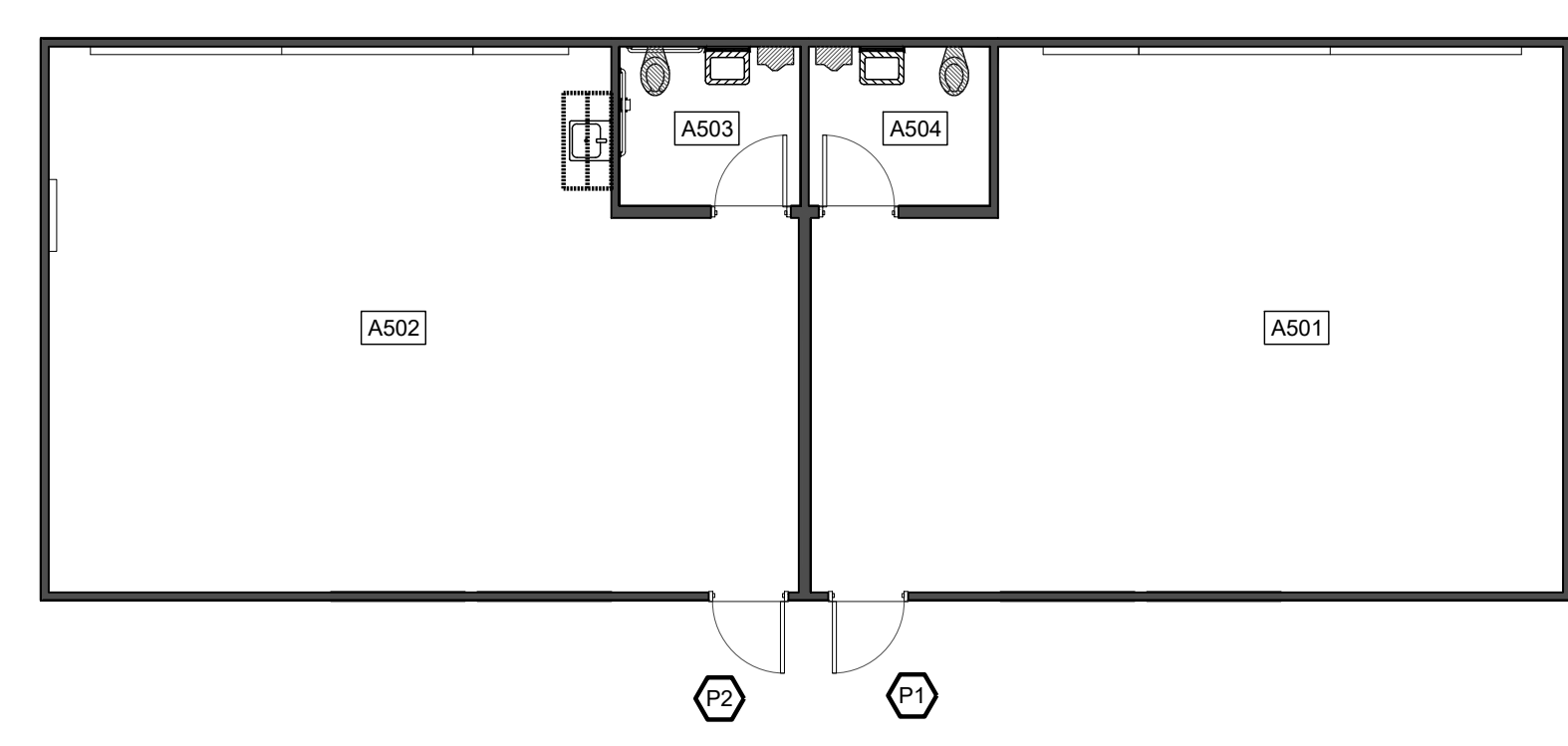
BUILDING F  
**02 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"




BUILDING G  
**03 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

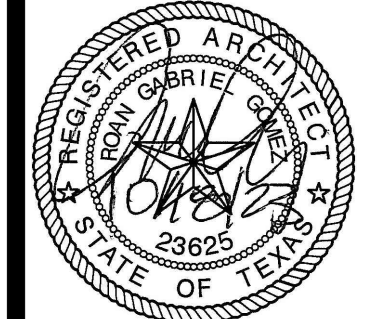


BUILDING H  
**04 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

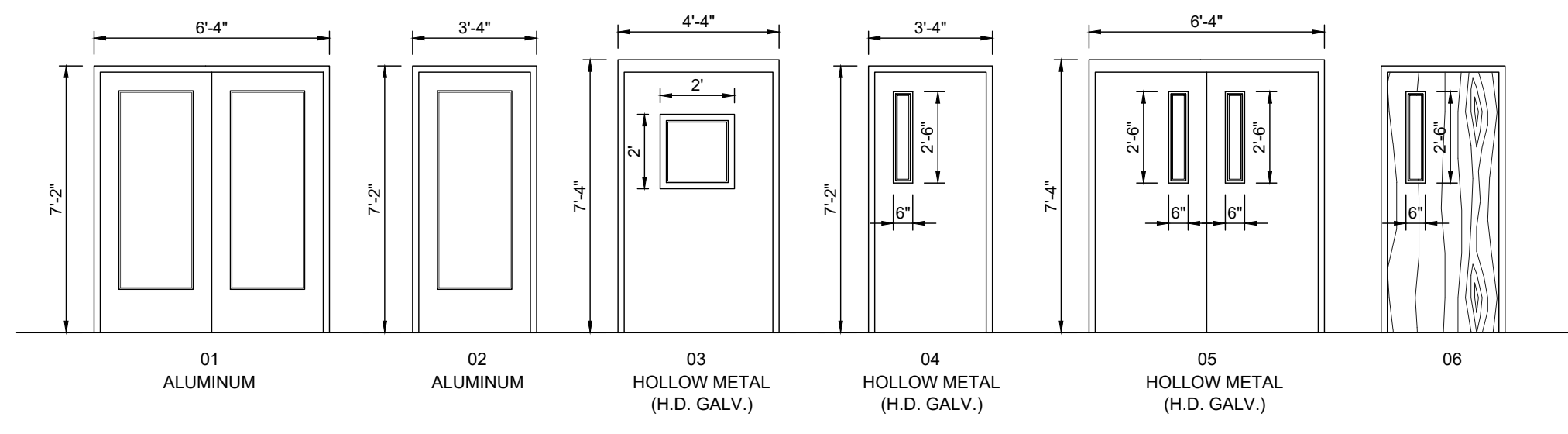


PORTABLE CLASSROOMS  
**05 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 BROWNSVILLE, TEXAS  


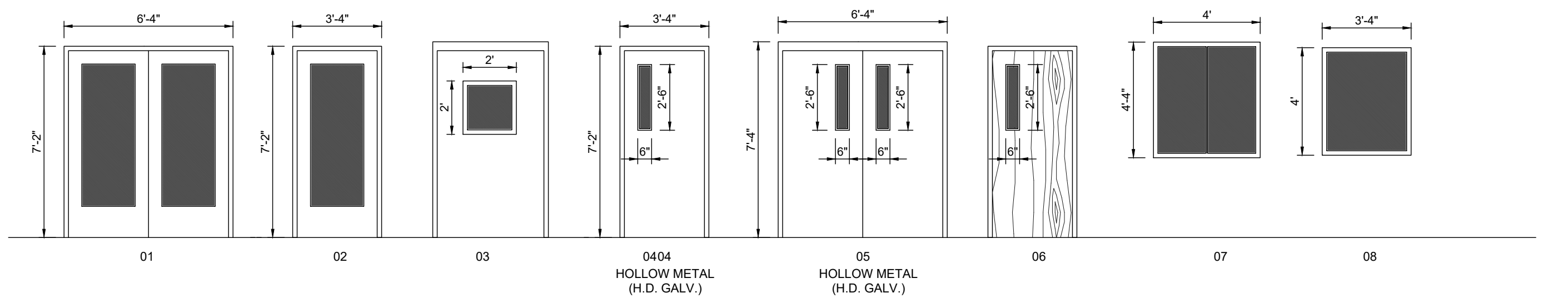


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 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:



ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**

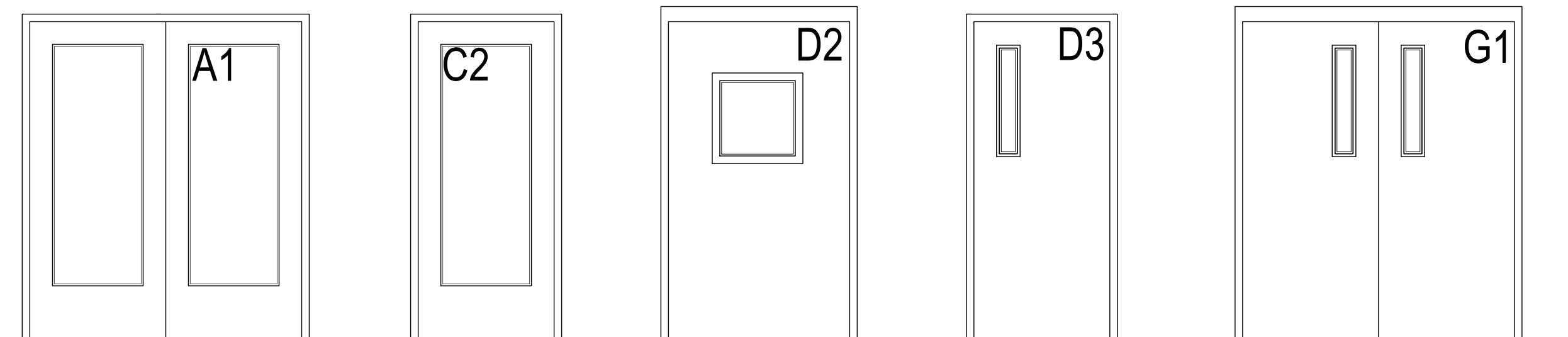
SCALE 1/4" = 1'-0"



SECURITY FILM  
**DOOR / FRAME ELEVATIONS**

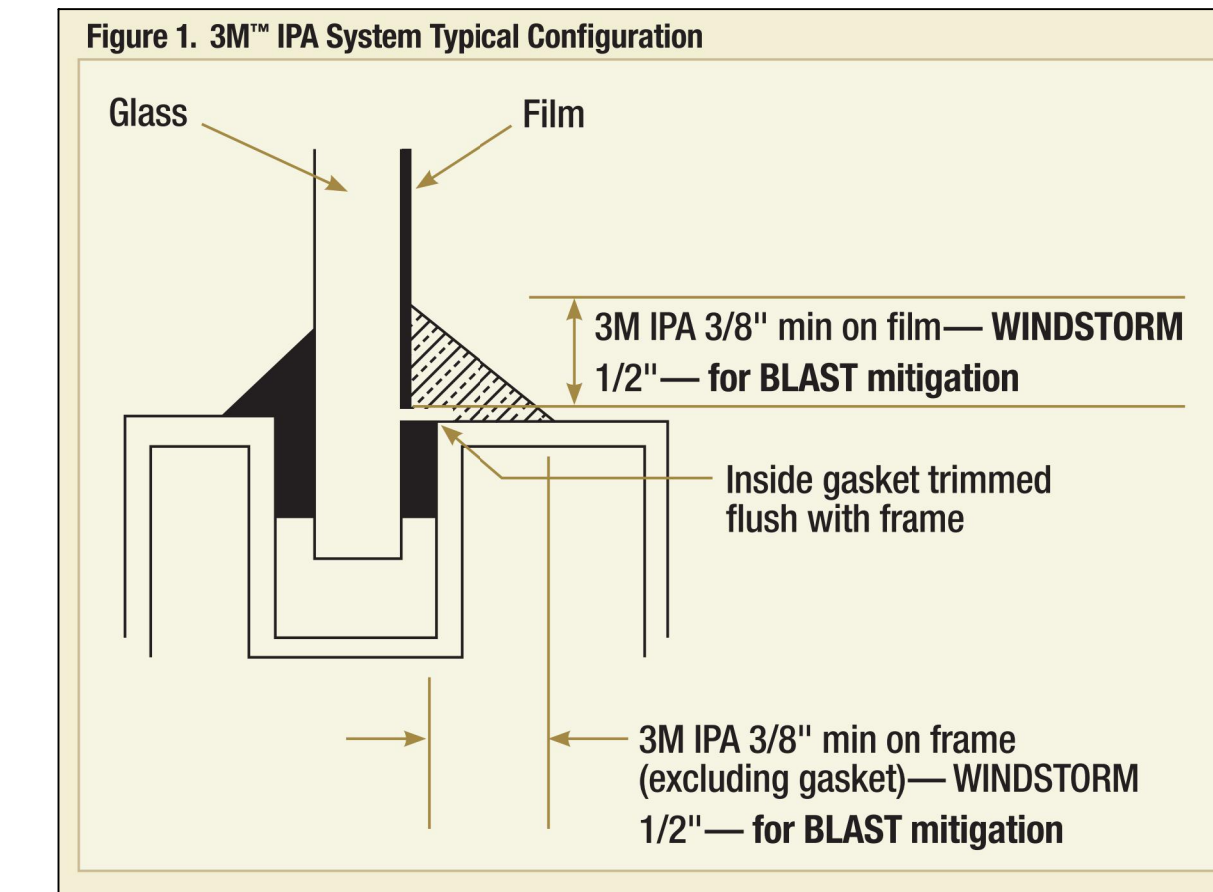
SCALE 1/4" = 1'-0"

ACCESS CONTROL - DOOR SCHEDULE											
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	T	MATL.	W			H	T
A-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
A-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
A-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
A-123	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	F	IDF ROOM
B-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
B-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
B-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
B-127	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	F	IDF ROOM
C-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
C-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
C-127	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	F	IDF ROOM
D-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
D-103	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	H.M.	6'-4"	7'-2"	4'-1 1/2"	A	
D-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	H.M.	6'-4"	7'-2"	4'-1 1/2"	A	
D-132	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	H.M.	6'-4"	7'-2"	5'-3/4"	F	IDF ROOM
E-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
E-101	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	C	
E-128	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
E-102	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	C	
E-107	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	C	
E-112	06	SC	PR - 3'-0"	7'-0"	1 3/4"	H.M.	3'-4"	7'-2"	4'-1 1/2"	F	
E-132	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	F	IDF ROOM
F-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
F-102	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	4'-1 1/2"	E	
F-111	03	HM	PR - 4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-4"	4'-1 1/2"	D	
F-107	08	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	G	IDF ROOM
G-526	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
G-526	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
G-526	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	F	IDF ROOM
H-621	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
H-621	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
H-612	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	F	IDF ROOM

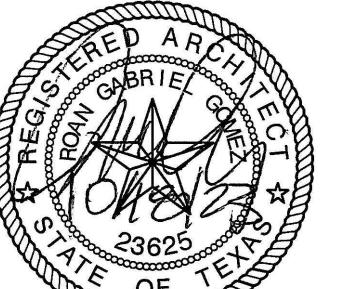


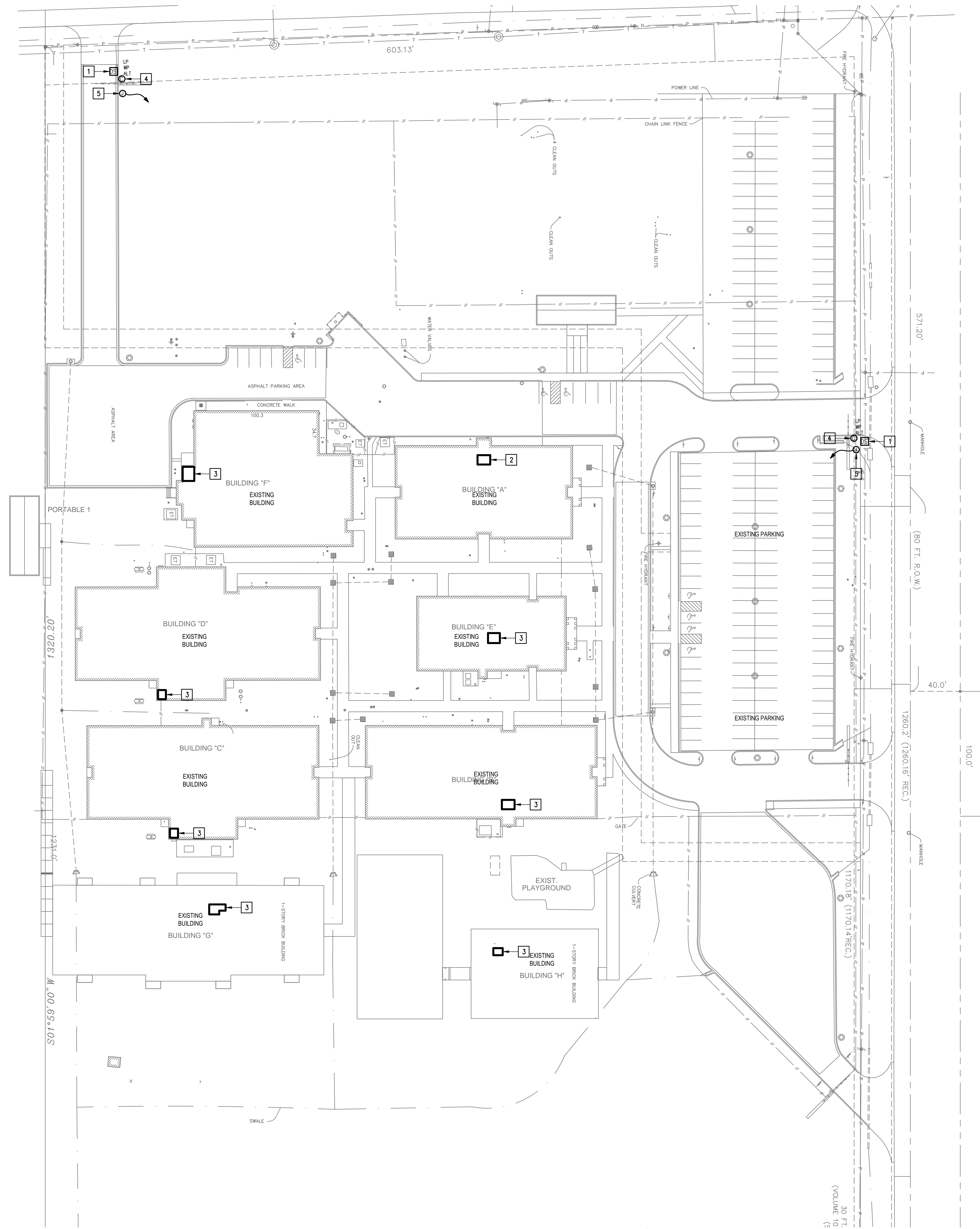
**02 DOOR NUMBER LOCATION**  
ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.

WINDOW FILM - DOOR / WINDOW SCHEDULE										
BLDG	FRAME NO.	DOOR			FRAME			REMARKS		
		MATL.	W	H	T	MATL.	W		H	T
A-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
A-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
A-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
B-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
B-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
B-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
C-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
C-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
D-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
D-103	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	H.M.	6'-4"	7'-2"	4'-1 1/2"	
D-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	H.M.	6'-4"	7'-2"	4'-1 1/2"	
E-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
E-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	
E-128	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
E-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	
E-107	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	
E-112	8	SC	PR - 3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	4'-1 1/2"	
E-100	8					ALUM.	3'-4"	4'-0"	4'-1 1/2"	
E-100	8					ALUM.	3'-4"	4'-0"	4'-1 1/2"	
E-100	8					ALUM.	3'-4"	4'-0"	4'-1 1/2"	
E-100	8					ALUM.	3'-4"	4'-0"	4'-1 1/2"	
E-106	7					ALUM.	4'-4"	4'-0"	4'-1 1/2"	
E-107	2	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	
E-107	6	SC	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4'-1 1/2"	
F-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
F-102	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	4'-1 1/2"	
F-111	03	HM	PR - 4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-4"	4'-1 1/2"	
G-526	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
G-526	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
H-621	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	
H-621	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	

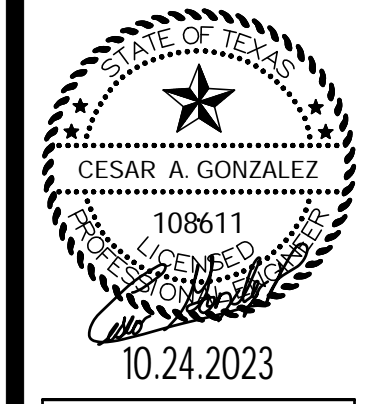


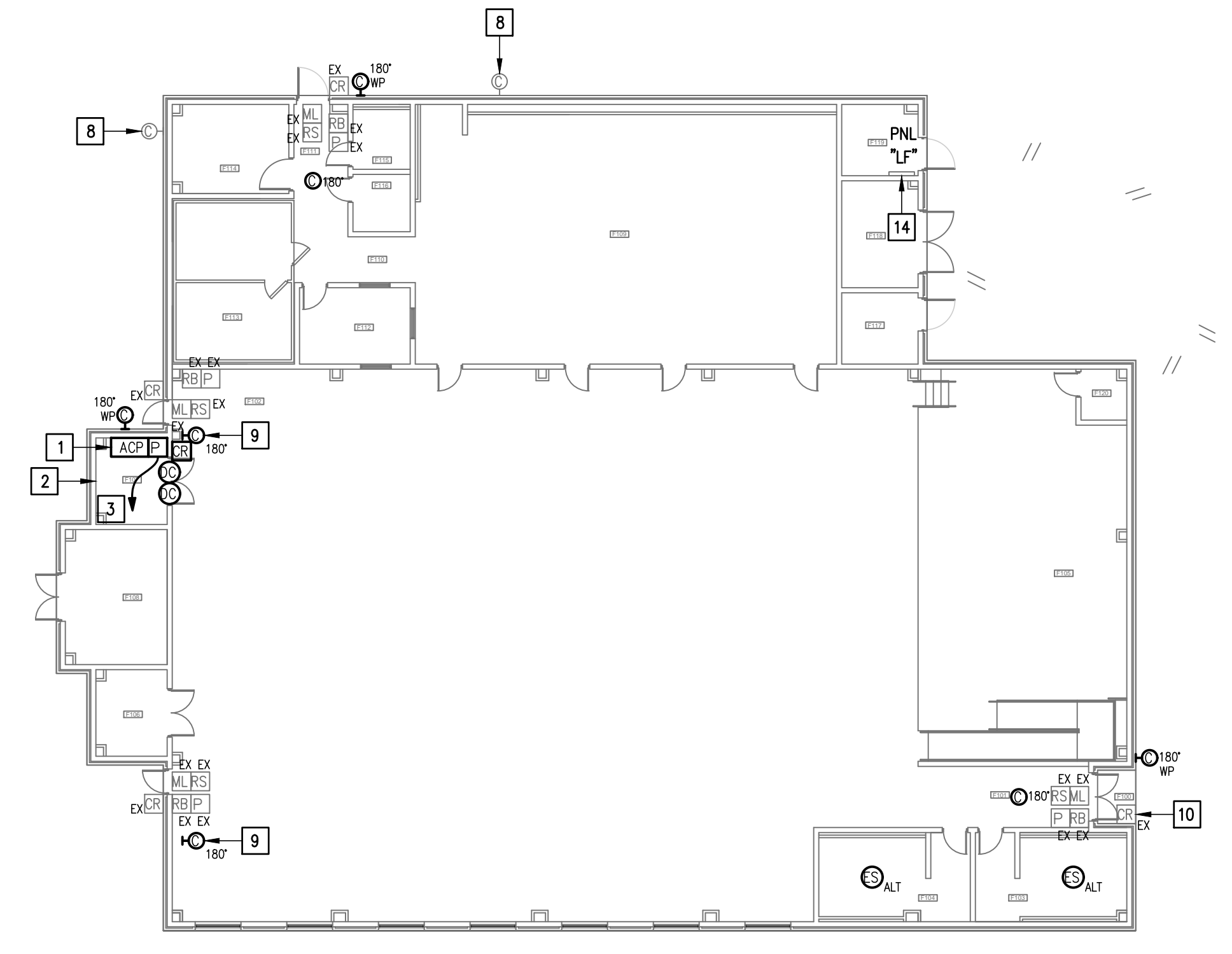
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NOT TO SCALE



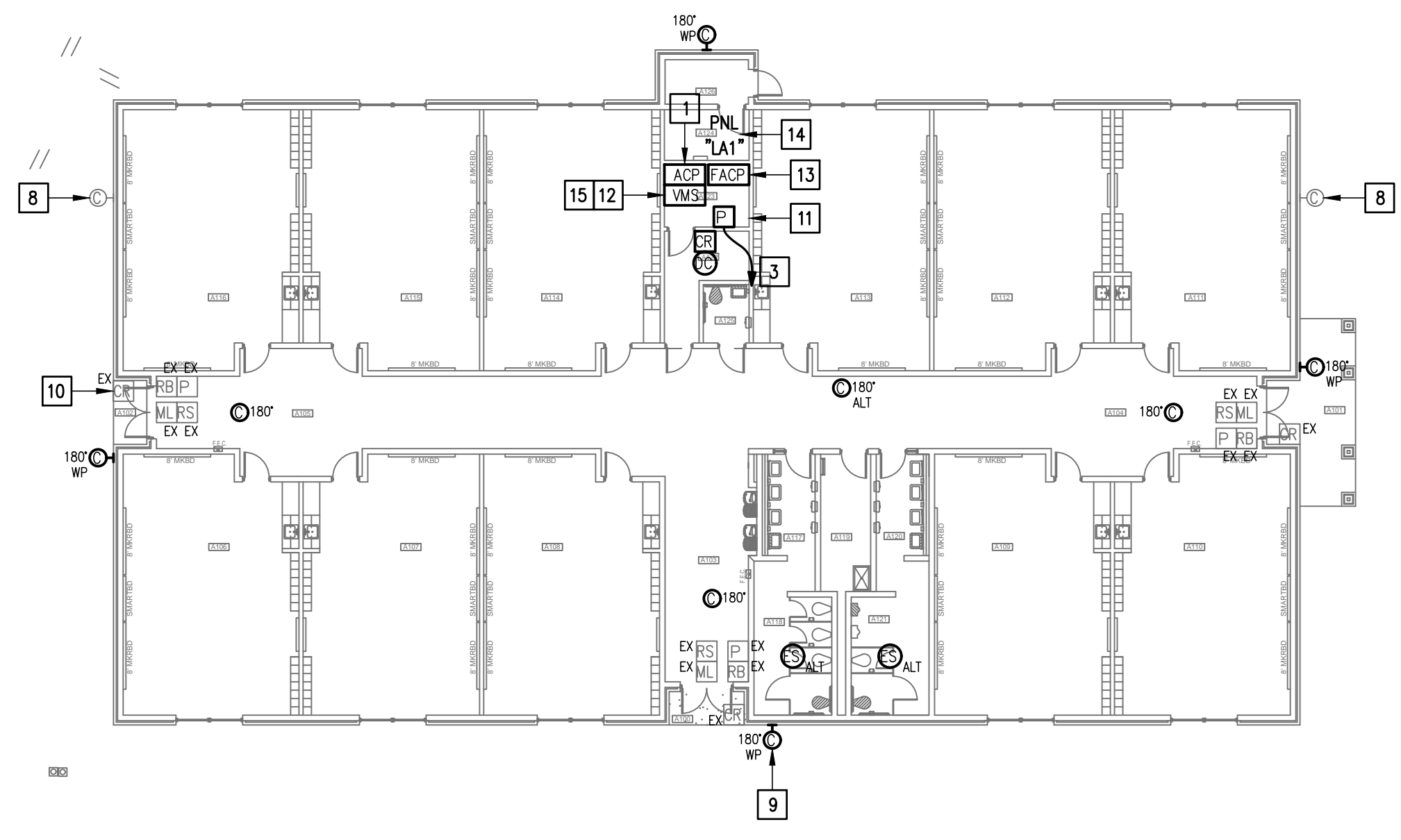


- KEYED NOTES:**
- 1 EXISTING PEDESTAL MOUNTED DOOR STATION & KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 2 EXISTING MDF ROOM.
  - 3 EXISTING IDF ROOM.
  - 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT, PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
  - 5 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
  - 6 PROVIDE BORE UNDER EXISTING DRIVE.
  - 7 STUB-UP ALONG EXTERIOR WALL AND PENETRATE BUILDING AT AN ACCESSIBLE LOCATION ABOVE THE CEILING.
  - 8 PROVIDE ABOVE ACCESSIBLE CEILING SPACE. TEMPORARILY REMOVE EXISTING CEILING TILES FOR INSTALLATION OF NEW RACEWAYS. REINSTALL EXISTING CEILING TILES AFTER WORK ABOVE THE CEILING HAS BEEN COMPLETED.

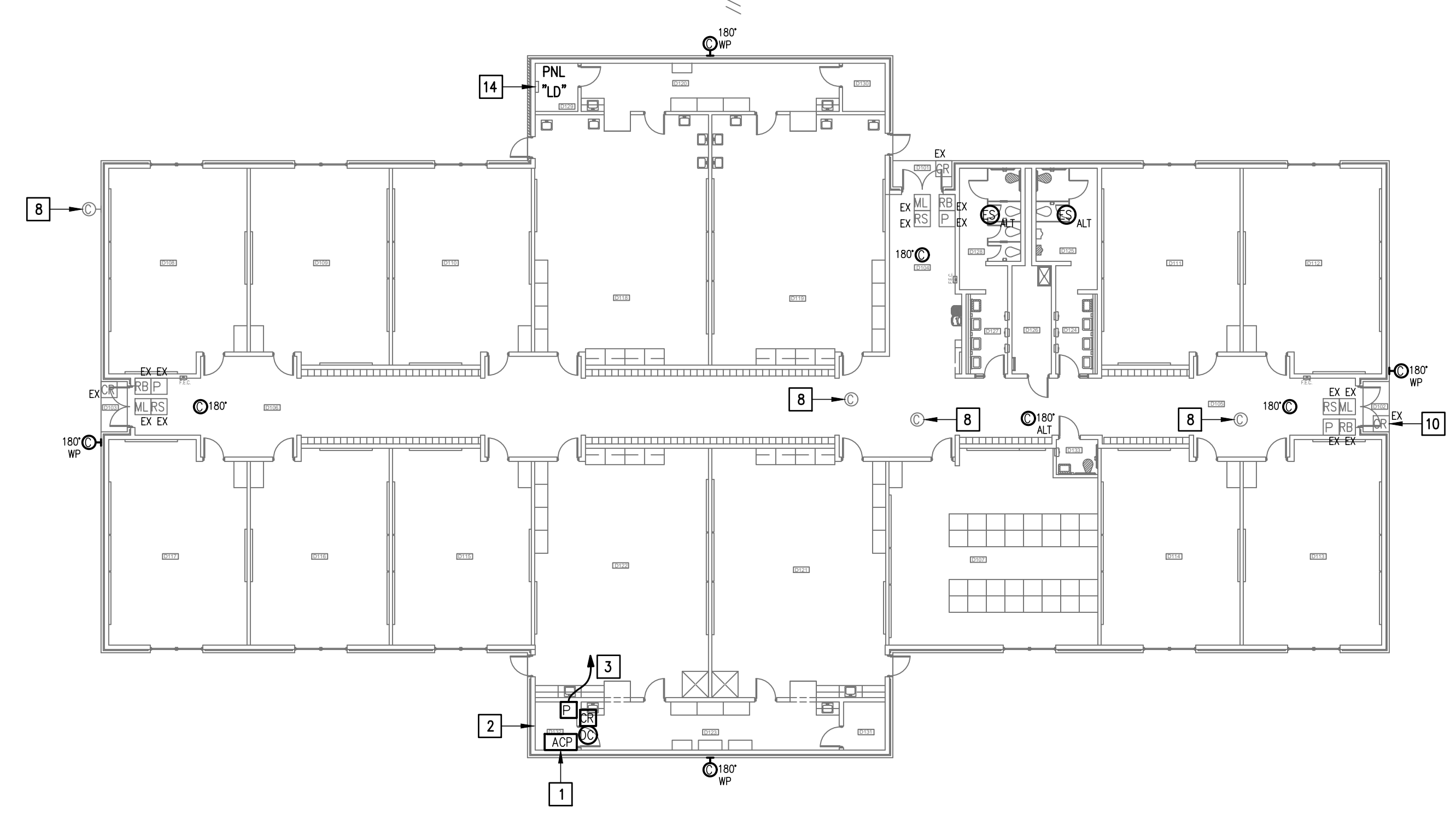




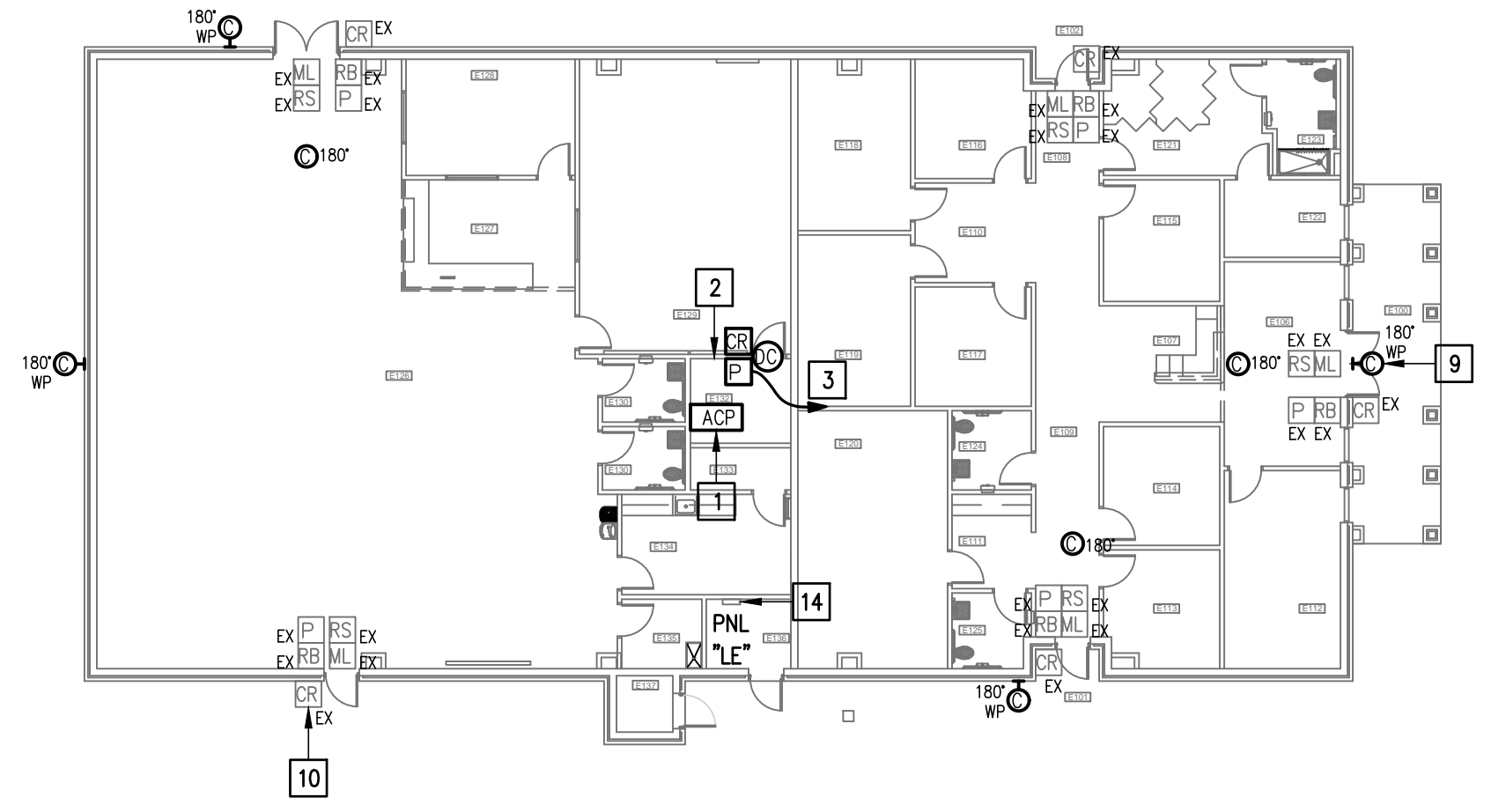
IDEA FRONTIER  
**01 TECHNOLOGY PLAN (BUILDING F)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



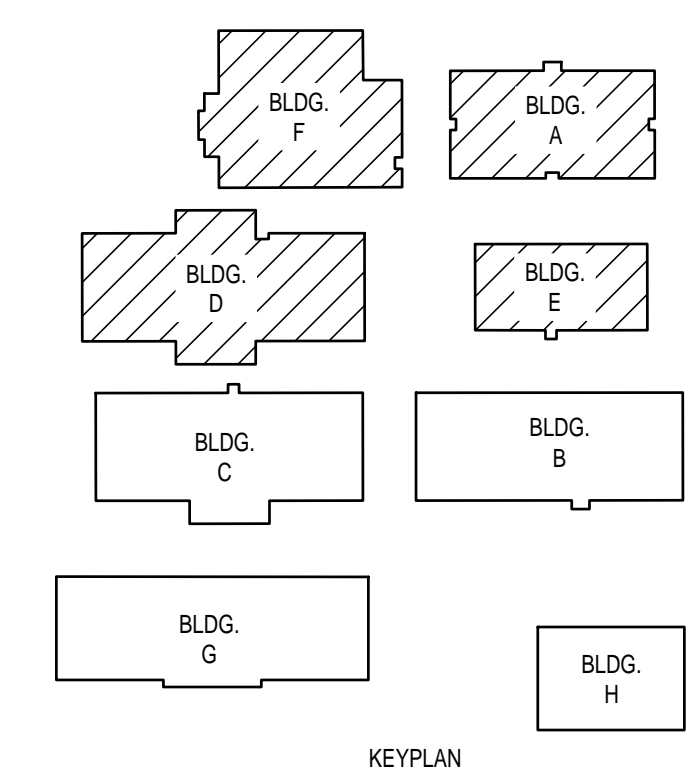
IDEA FRONTIER  
**02 TECHNOLOGY PLAN (BUILDING A)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



IDEA FRONTIER  
**03 TECHNOLOGY PLAN (BUILDING D)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



IDEA FRONTIER  
**04 TECHNOLOGY PLAN (BUILDING E)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



**GENERAL NOTES:**

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREWOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL. CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT. APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- EXISTING INTRUSION DETECTION SYSTEM PANEL MODEL DMP 214-6.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. PROVIDE NEW CABLING.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING KEYPAD. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING CCTV CAMERA. DISCONNECT AND REMOVE.
- EXISTING DOOR STATION. DISCONNECT REMOVE AND REPLACE.
- EXISTING CARD READER. DISCONNECT REMOVE AND REPLACE.
- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- APPROXIMATE LOCATION OF EXISTING FIRE ALARM CONTROL PANEL MODEL EST3. PROVIDE NECESSARY HARDWARE, CABLING AND PROGRAMMING FOR INTERFACING WITH ACCESS CONTROL SYSTEM. UPON ACTIVATION OF FIRE ALARM SYSTEM ALL ACCESS DOORS MAGNETIC LOCKS SHALL BE RELEASED FOR EMERGENCY EXIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- EXISTING ARCDYN VIDEO MANAGEMENT SYSTEM.

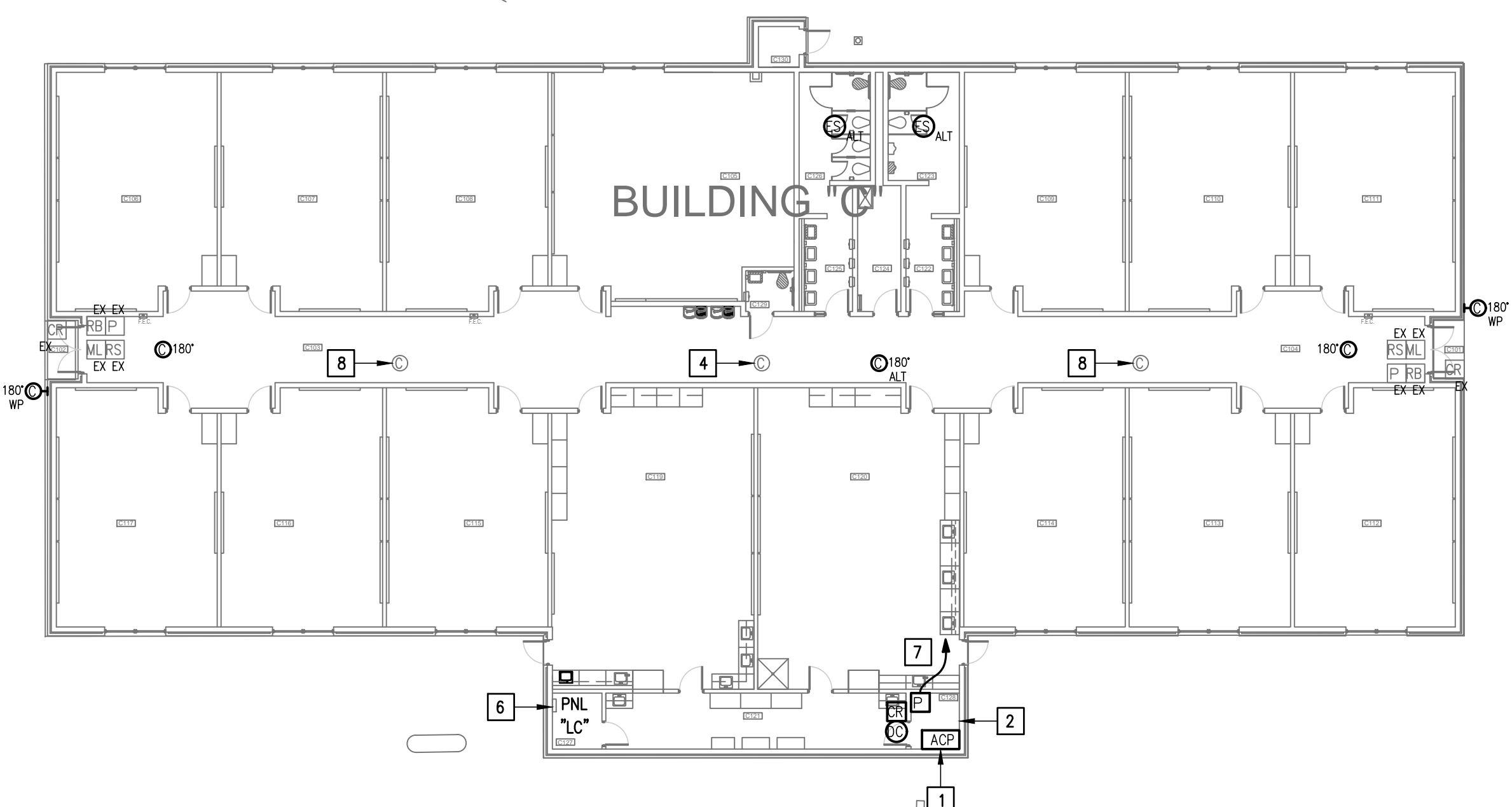
IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 BROWNSVILLE, TEXAS



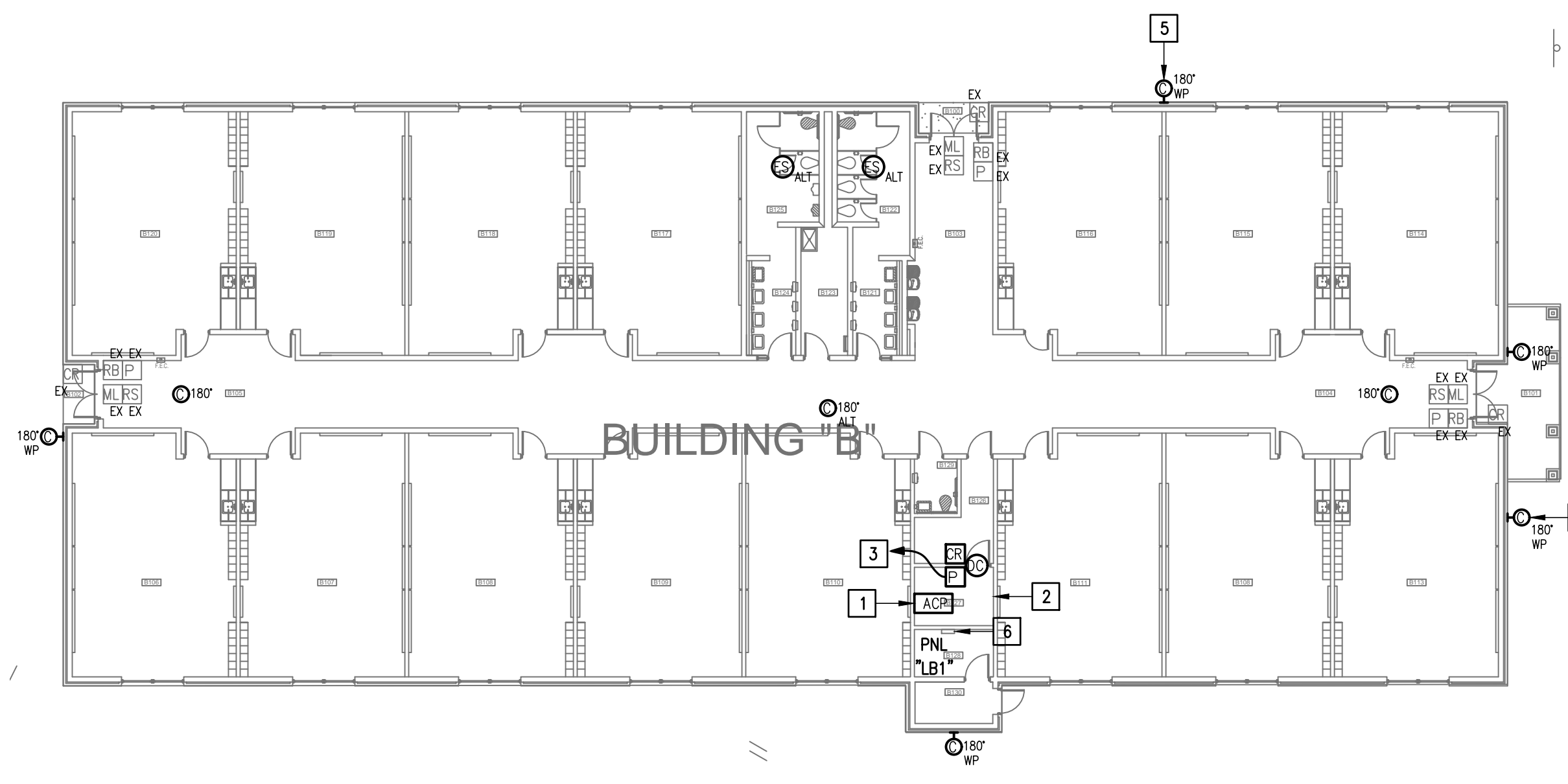
10.24.2023  
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 Architects-Planners  
 Interior Designers

Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:

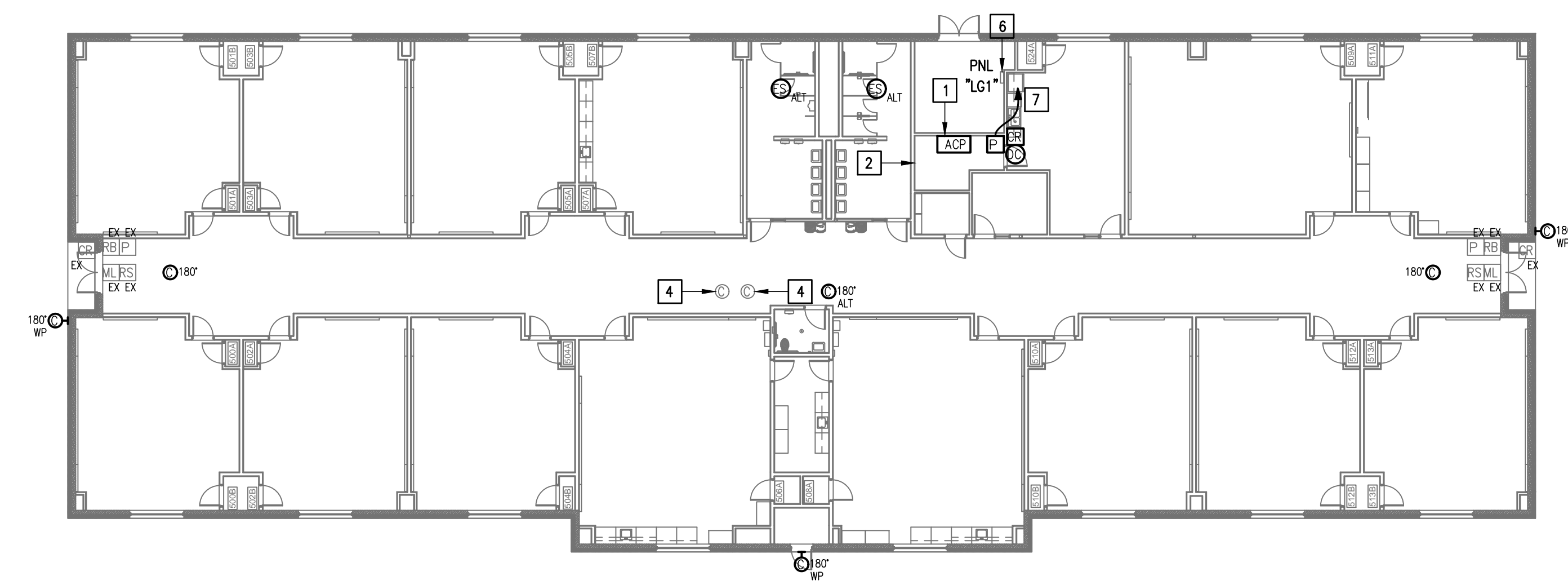




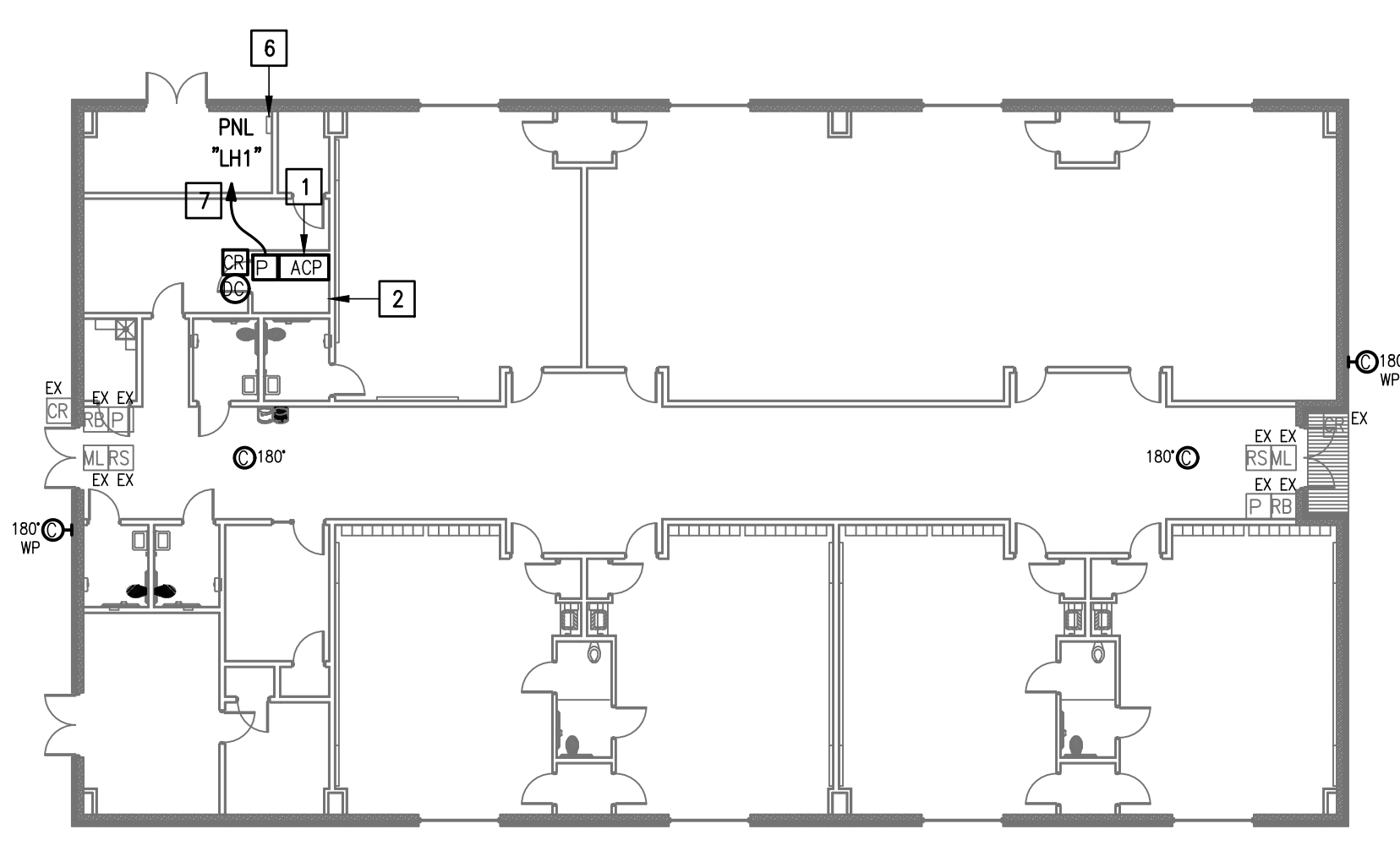
01 IDEA FRONTIER TECHNOLOGY PLAN (BUILDING C)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



02 IDEA FRONTIER TECHNOLOGY PLAN (BUILDING B)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



03 IDEA FRONTIER TECHNOLOGY PLAN (BUILDING G)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



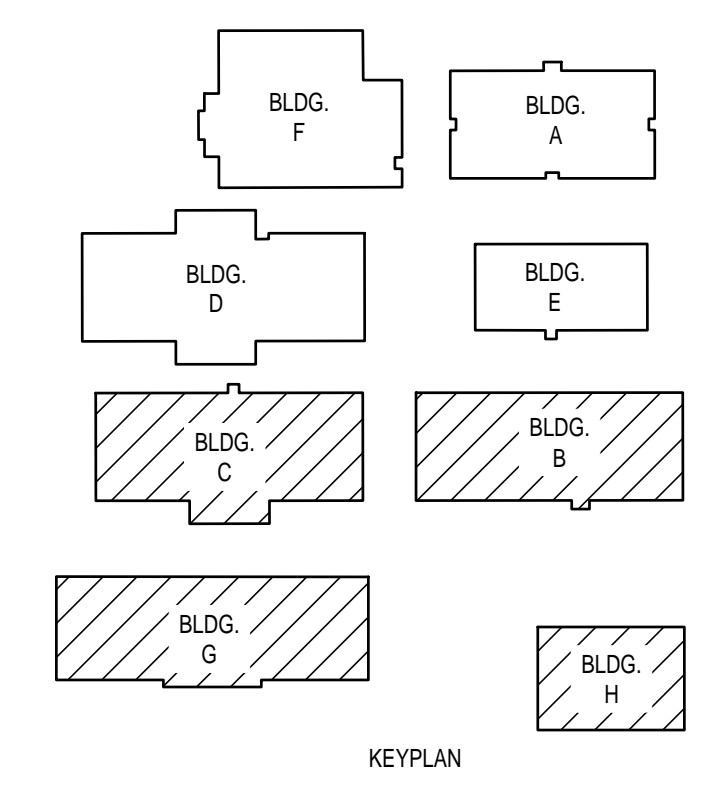
04 IDEA FRONTIER TECHNOLOGY PLAN (BUILDING H)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH

GENERAL NOTES:

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
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- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

KEYED NOTES:

- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL. CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT, 3/4" - 2#10 & #10G, CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT, 3/4" - 2#10 & #10G, CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT. APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- EXISTING CCTV CAMERA DISCONNECT AND REMOVE.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. PROVIDE NEW CABLING.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.



IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 BROWNSVILLE, TEXAS

IDEA Public Schools



10.24.2023

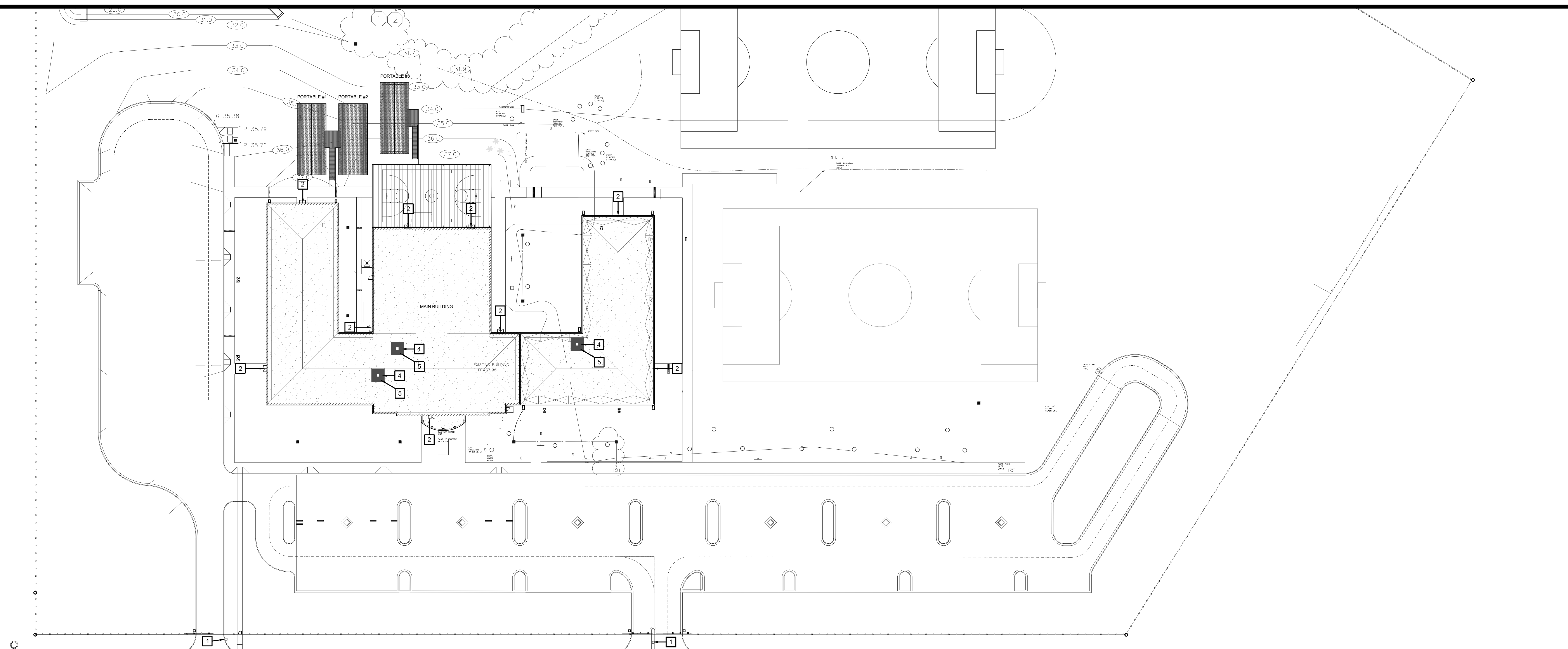
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 Architects-Planners  
 Interior Designers

Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:



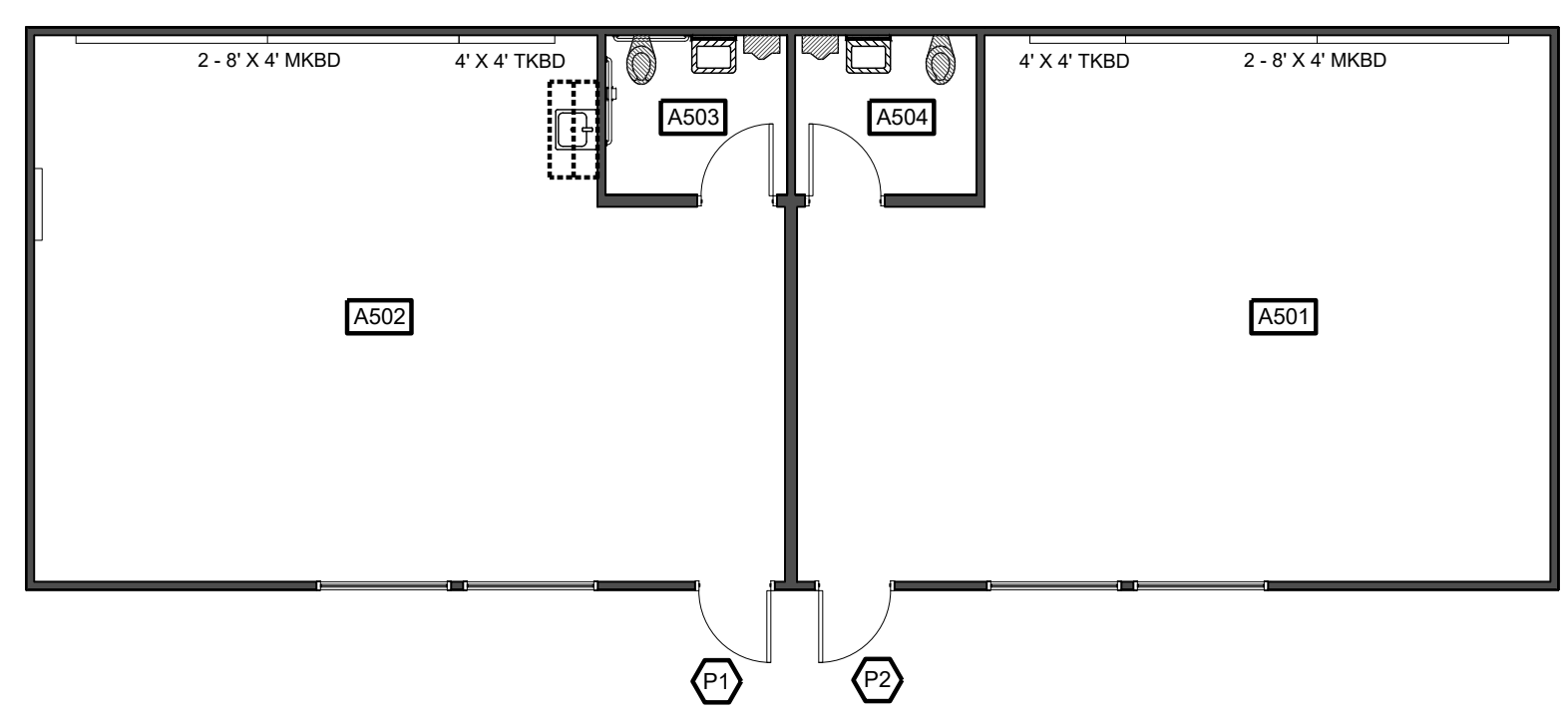
E2.02





**01 OVERALL SITE PLAN**  
 SCALE 1" = 40'-0"

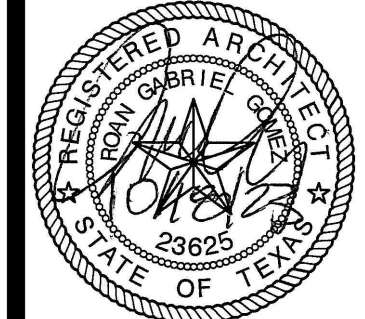
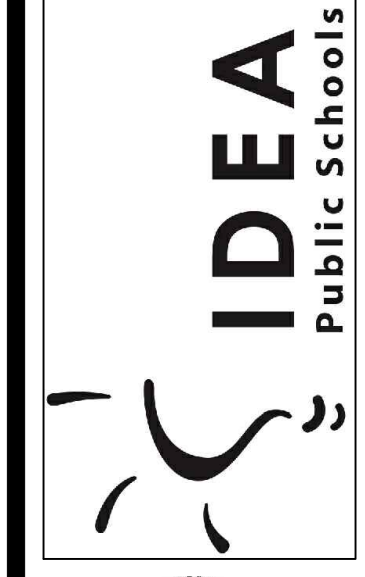
- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS



**02 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"  
 TYPICAL FOR ALL THREE (3) PORTABLES AS LOCATED ON SHEET A1.01

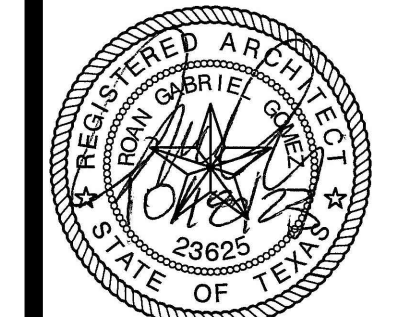
**SYMBOL LEGEND**  
 ACCESS DOOR NUMBERING

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 BROWNSVILLE, TEXAS



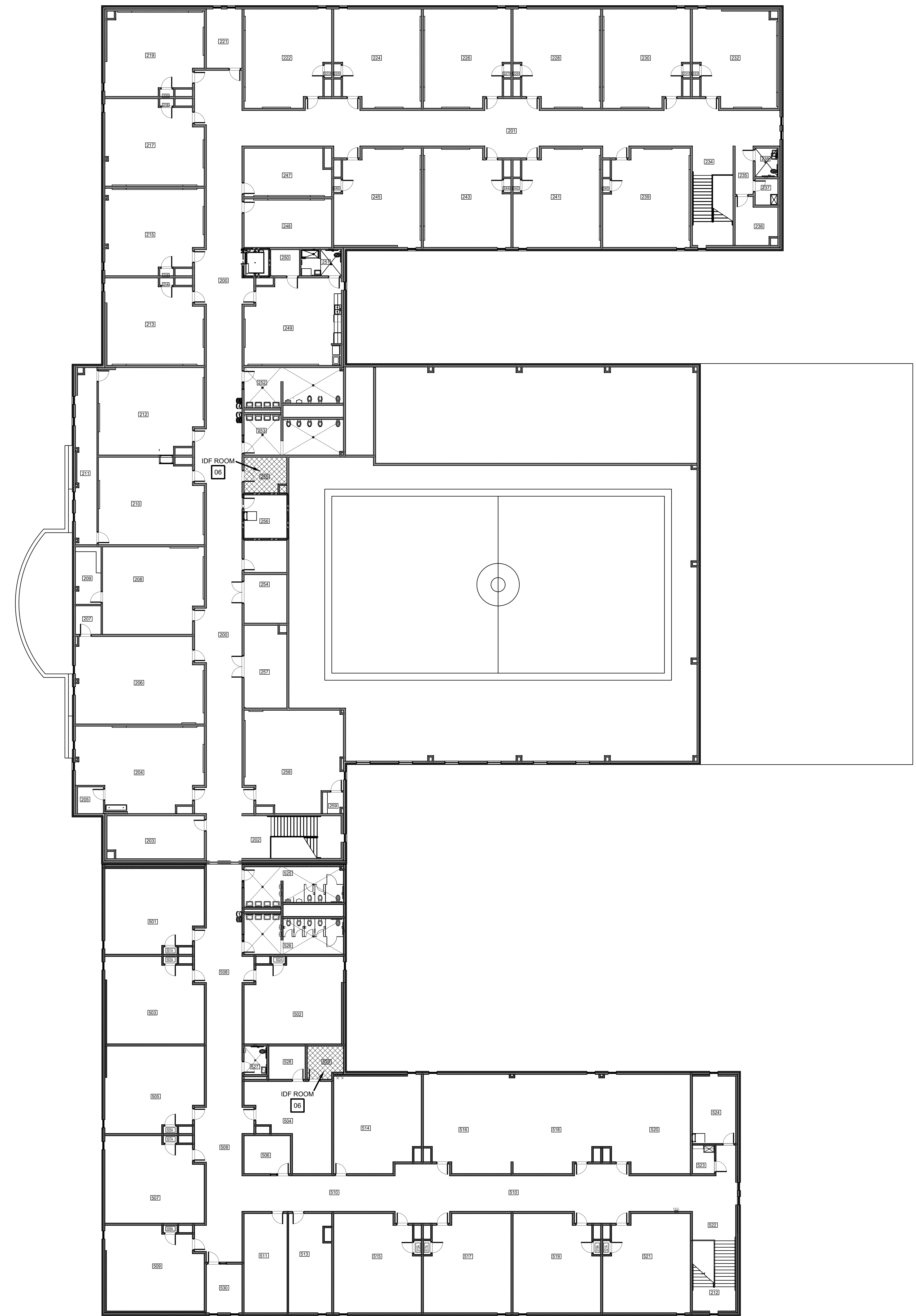
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 Date: 01/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

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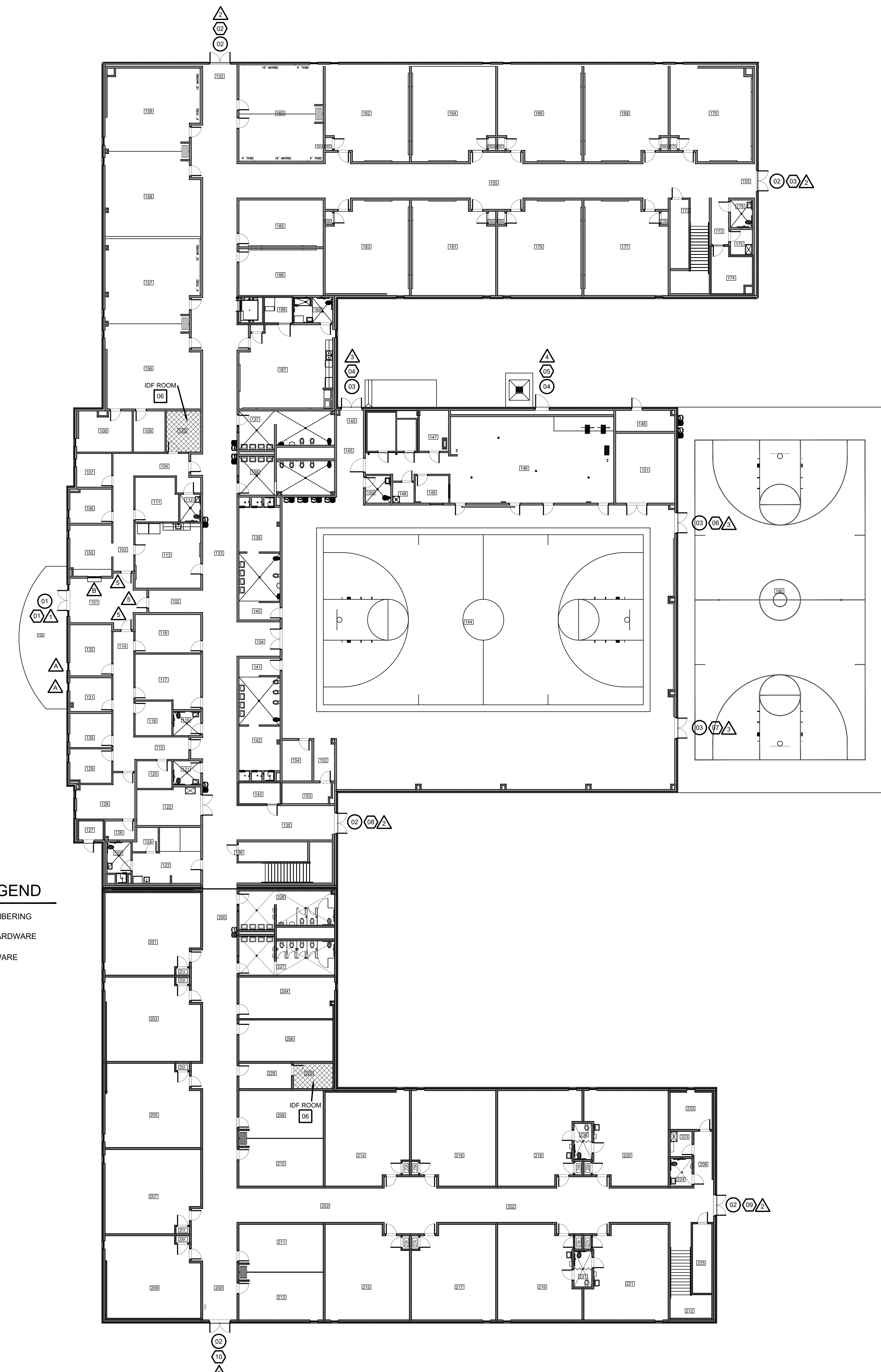


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Architects-Planners  
Interior Designers

Date: 01/2023  
Scale: As Noted  
Project Architect: Ryan Gomez, AIA  
Drawn By: CG, IO, JA  
Job No.:  
Sheet: IDEA SECURITY

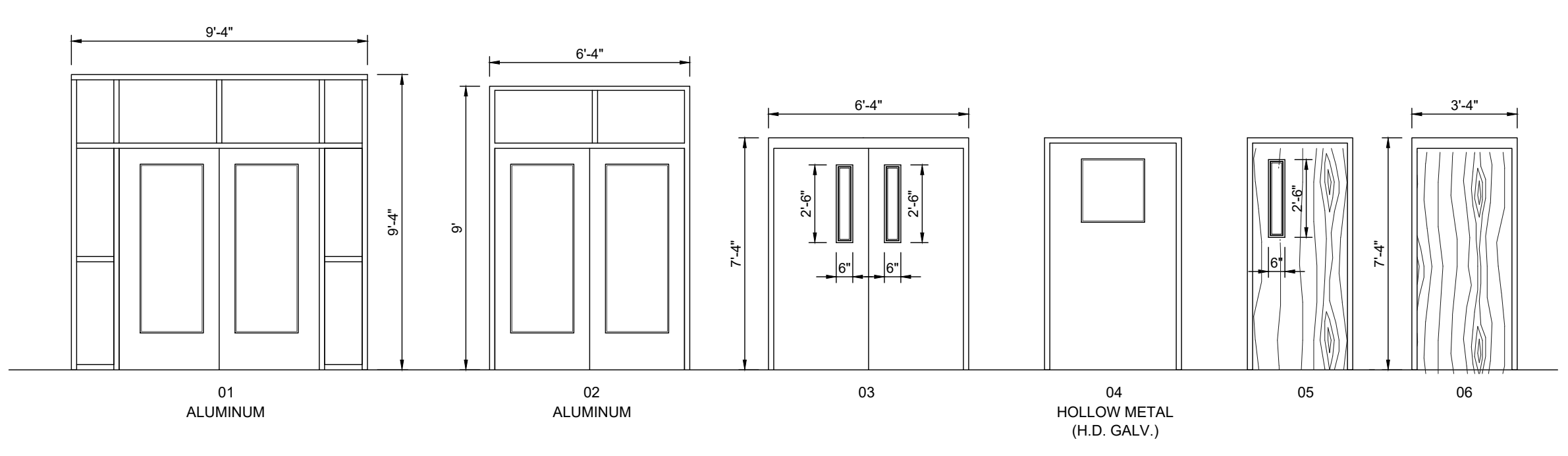


NORTH  
**02 SECOND FLOOR  
OVERALL FLOOR PLAN**  
SCALE: 1/16" = 1'-0"



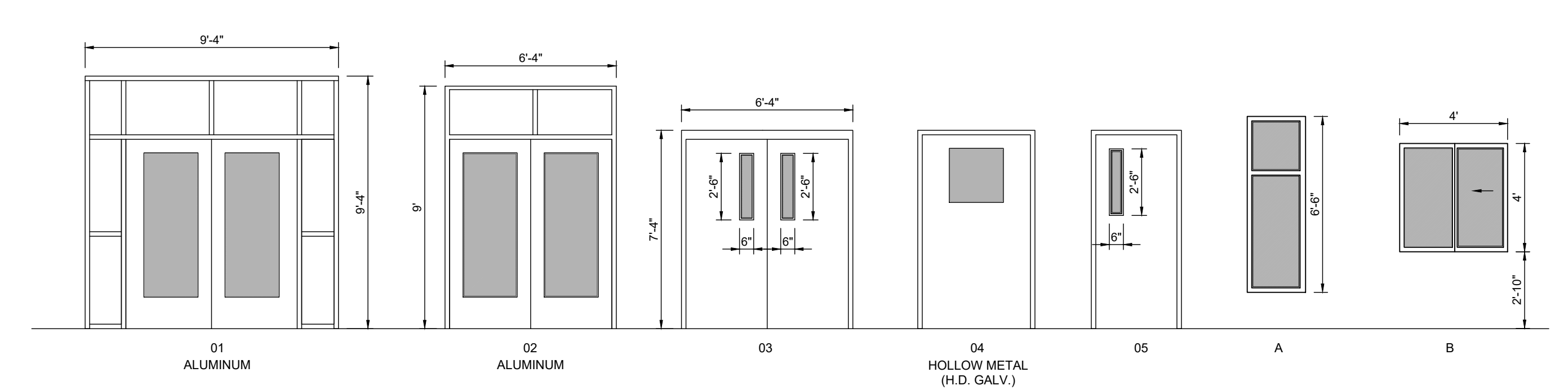
NORTH  
**01 FIRST FLOOR  
OVERALL FLOOR PLAN**  
SCALE: 1/16" = 1'-0"

- SYMBOL LEGEND**
- ⊗ ACCESS DOOR NUMBERING
  - ⊙ SECURITY DOOR HARDWARE
  - ⊞ IDF ACCESS HARDWARE
  - △ SECURITY FILM



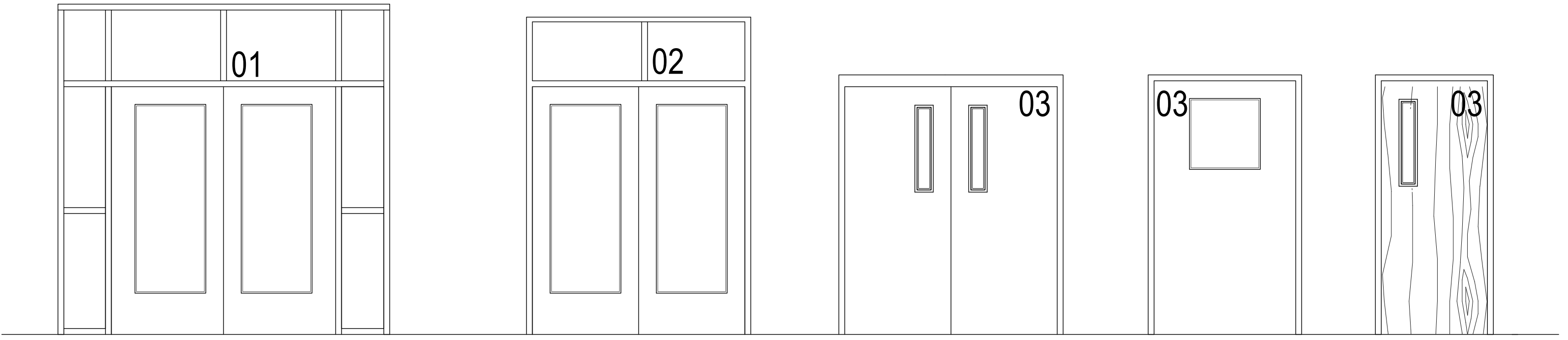
ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

ACCESS CONTROL - DOOR SCHEDULE											
BLDG	DOOR NO.	MATL.	DOOR			MATL.	FRAME			HDWR	REMARKS
			W	H	T		W	H	T		
101	01	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	9'-4"	9'-4"	4-1/2"	A	
133	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
155	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
145	03	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	B	
146	04	H.M.	4'-0"	7'-0"	1.3/4"	H.M.	4'-4"	7'-4"	4-1/2"	D	
144	03	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	B	
144	03	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	B	
135	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
200	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
202	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
110	06	SC	3'-0"	7'-0"	1.3/4"	HM	3'-4"	7'-2"	4-1/2"	F	IDF ROOM
229	06	SC	3'-0"	7'-0"	1.3/4"	HM	3'-4"	7'-2"	4-1/2"	F	IDF ROOM
255	06	SC	3'-0"	7'-0"	1.3/4"	HM	3'-4"	7'-2"	4-1/2"	F	IDF ROOM
529	06	SC	3'-0"	7'-0"	1.3/4"	HM	3'-4"	7'-2"	4-1/2"	F	IDF ROOM

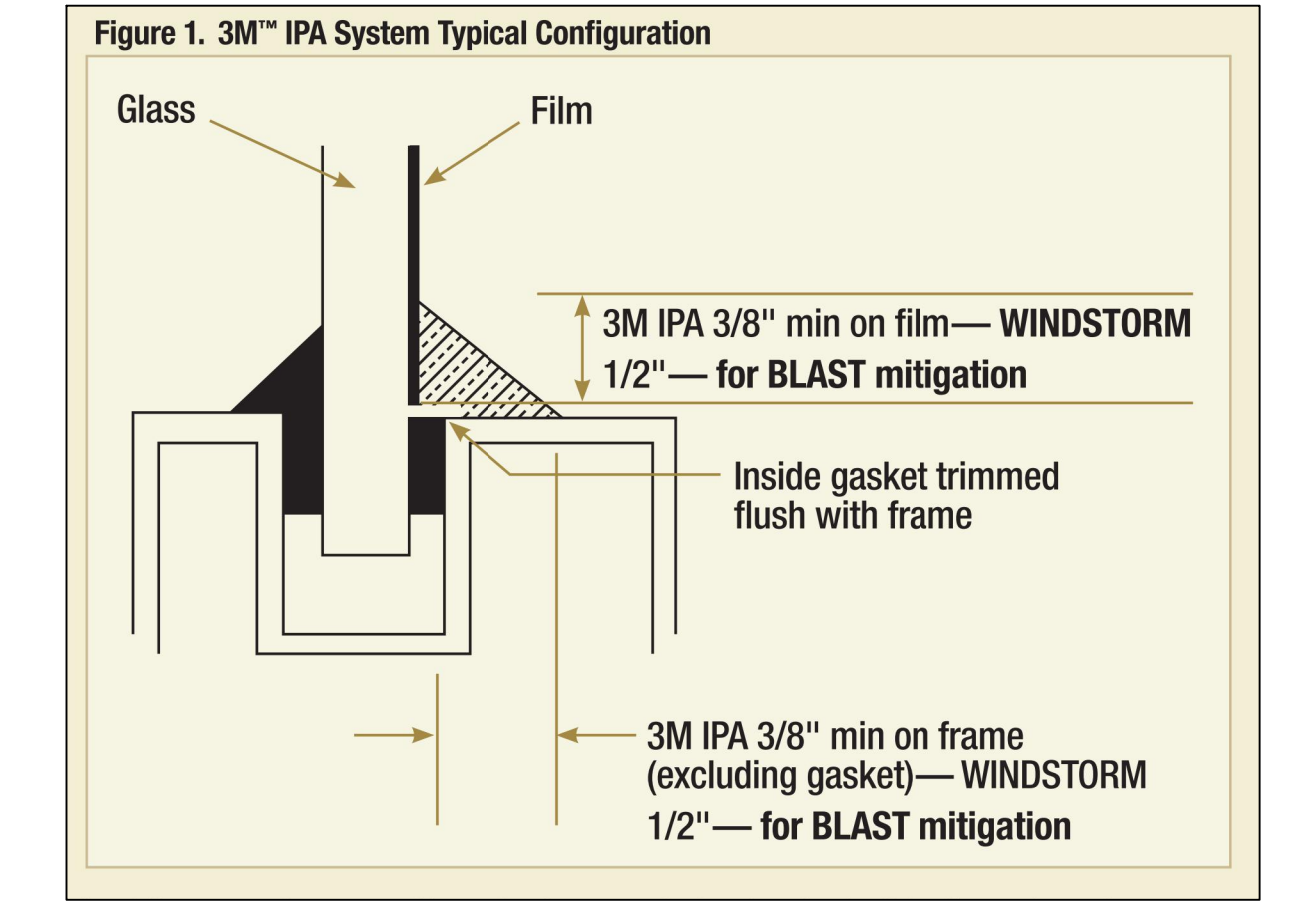


SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

WINDOW FILM - DOOR / WINDOW SCHEDULE										
ROOM	FRAME NO.	MATL.	DOOR			MATL.	FRAME			REMARKS
			W	H	T		W	H	T	
101	1	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	9'-4"	9'-4"	4-1/2"	
133	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	
155	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	
145	3	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	
146	4	H.M.	4'-0"	7'-0"	1.3/4"	H.M.	4'-4"	7'-4"	4-1/2"	
144	3	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	
144	3	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	
135	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	
200	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	
202	2	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	
103	5	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-2"	4-1/2"	
102	5	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-2"	4-1/2"	
114	5	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-2"	4-1/2"	
100	A					ALUM.	2'-4"	6'-8"	4-1/2"	
100	A					ALUM.	2'-4"	6'-8"	4-1/2"	
105	B					ALUM.	4'-0"	4'-0"	4-1/2"	



**02 DOOR NUMBER LOCATION**  
ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.



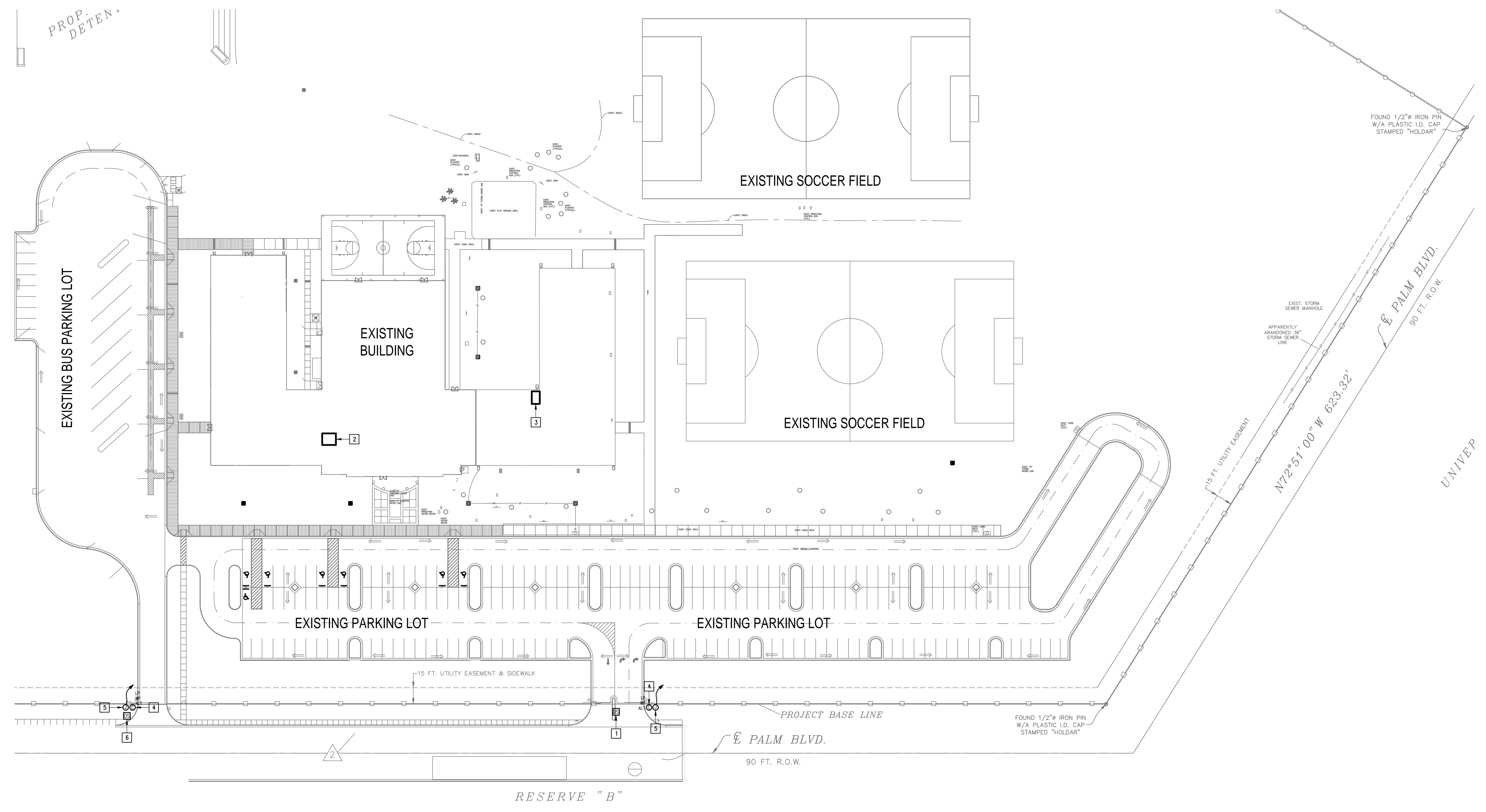
**01 FILM DETAIL**  
NOT TO SCALE



GMS ARCHITECTS  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

**KEYED NOTES:**

- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING MDF ROOM.
- 3 EXISTING IDF ROOM.
- 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 5 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
- 6 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.

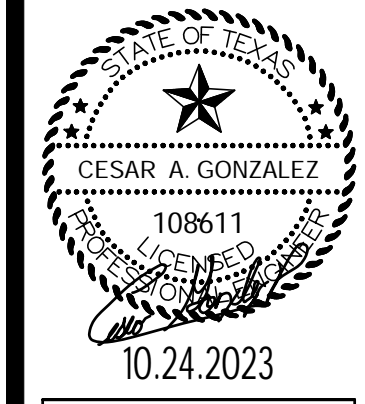
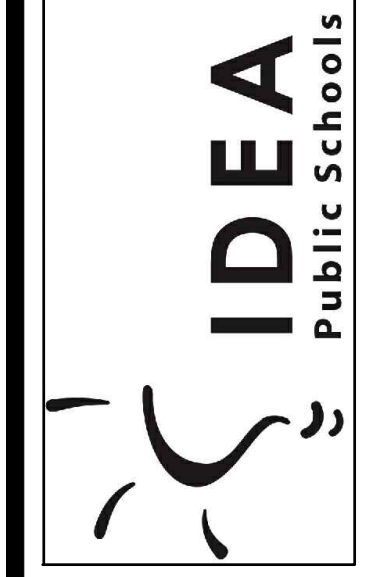


UNIVERSITY PLAZA SUBDIVISION, PHASE I

IDEA RIVERVIEW  
 TECHNOLOGY PLAN (SITE PLAN)  
 01 SCALE: 1" = 40'-0"



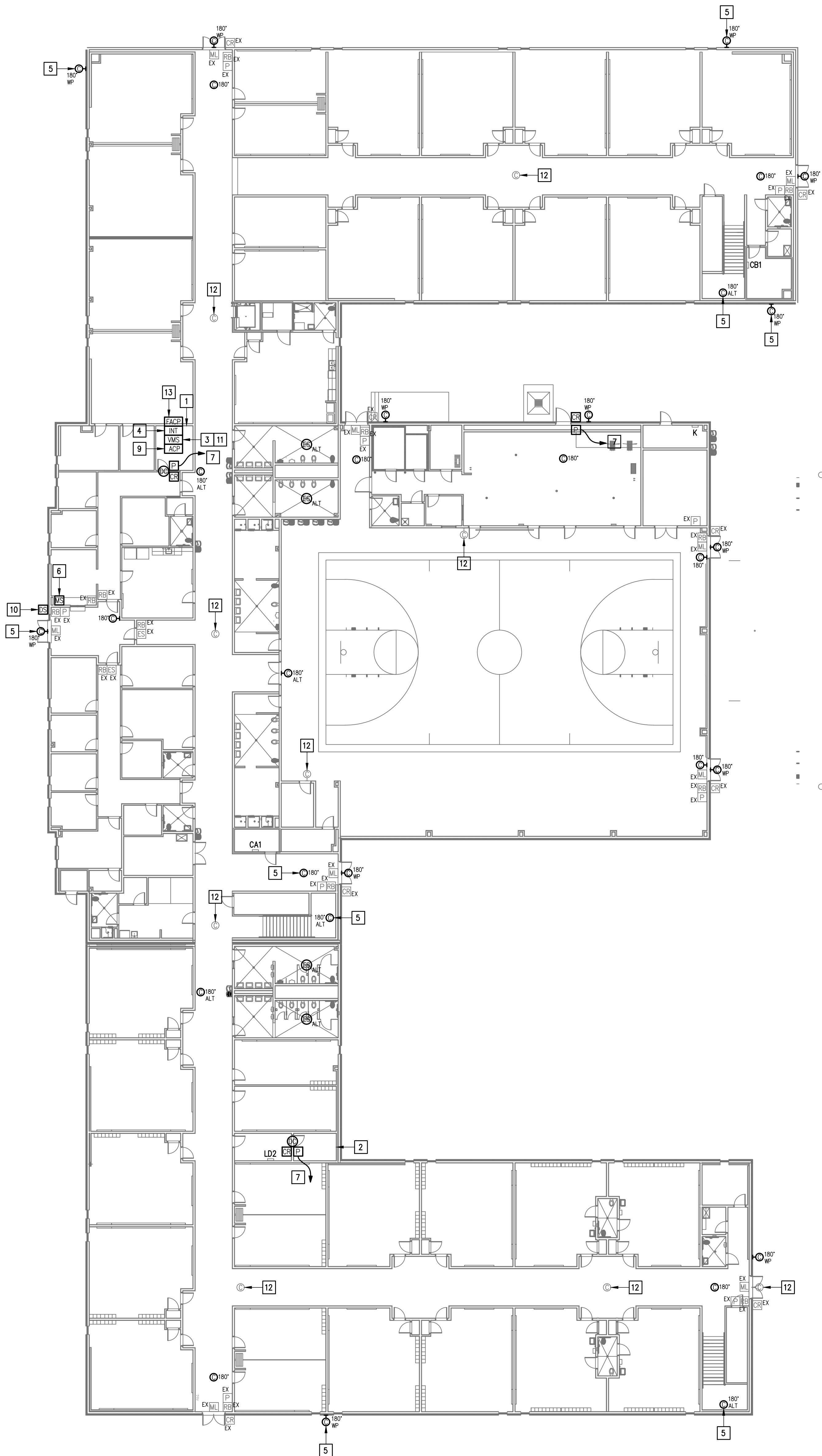
IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 BROWNSVILLE, TEXAS



10.24.2023  
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 Gomez-Mendez-Saenz Inc.  
 Architects-Planners  
 Interior Designers  
 Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: As Noted  
 Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet: 22090



E1.01

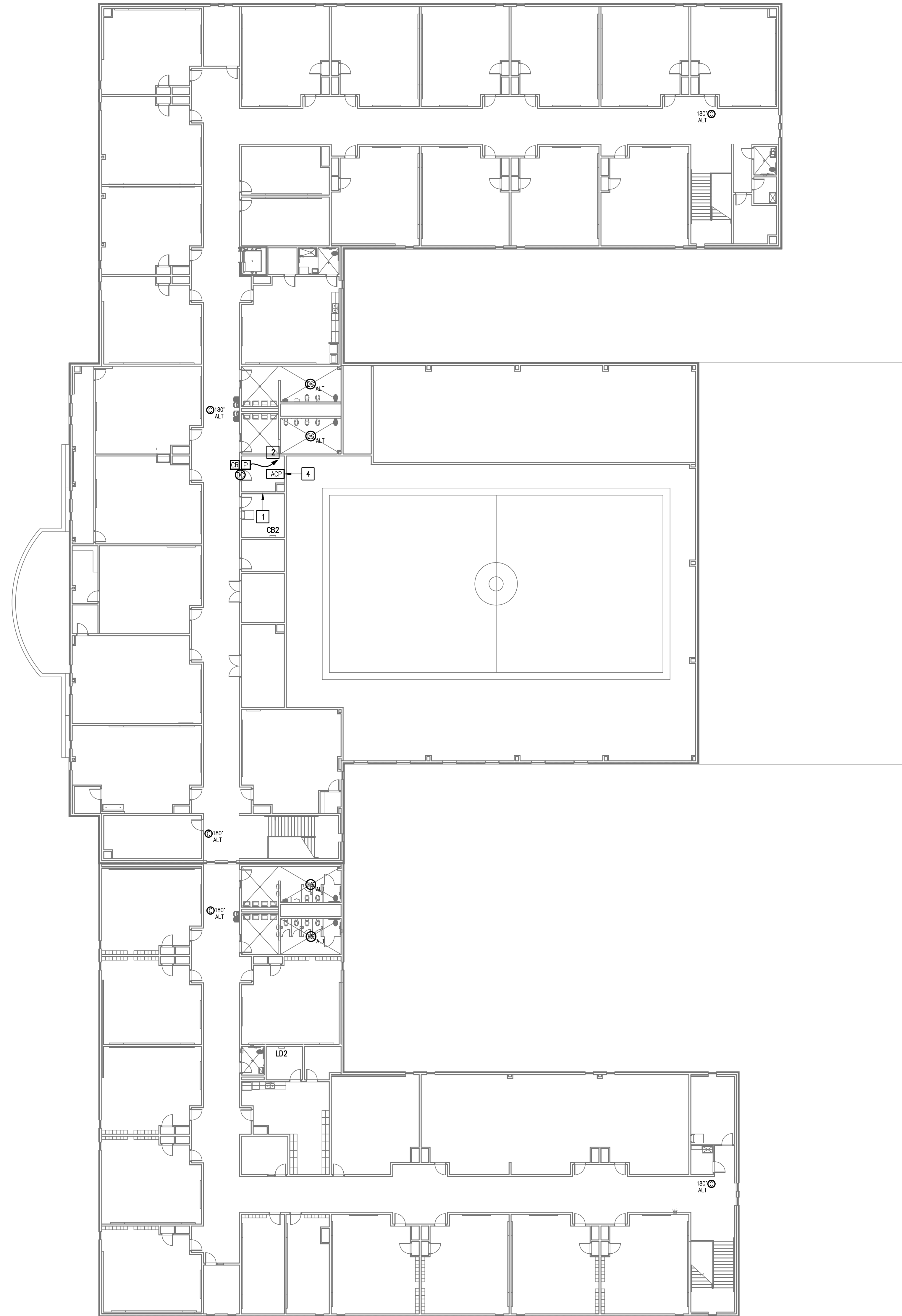


**GENERAL NOTES:**

1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- 1 EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 4 EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI GEM-P9600.
- 5 EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- 6 EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- 7 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 8 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 9 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- 10 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 11 EXISTING GENETEC/TOUGHDOG/LITS VIDEO MANAGEMENT SYSTEM.
- 12 EXISTING CCTV CAMERA. DISCONNECT AND REMOVE.
- 13 APPROXIMATE LOCATION OF EXISTING FIRE ALARM CONTROL PANEL MODEL SLENT KNIGHT SR200L. PROVIDE NECESSARY HARDWARE, CABLING AND PROGRAMMING FOR INTERFACING WITH ACCESS CONTROL SYSTEM. UPON ACTIVATION OF FIRE ALARM SYSTEM ALL ACCESS DOORS MAGNETIC LOCKS SHALL BE RELEASED FOR EMERGENCY EXIT.



**GENERAL NOTES:**

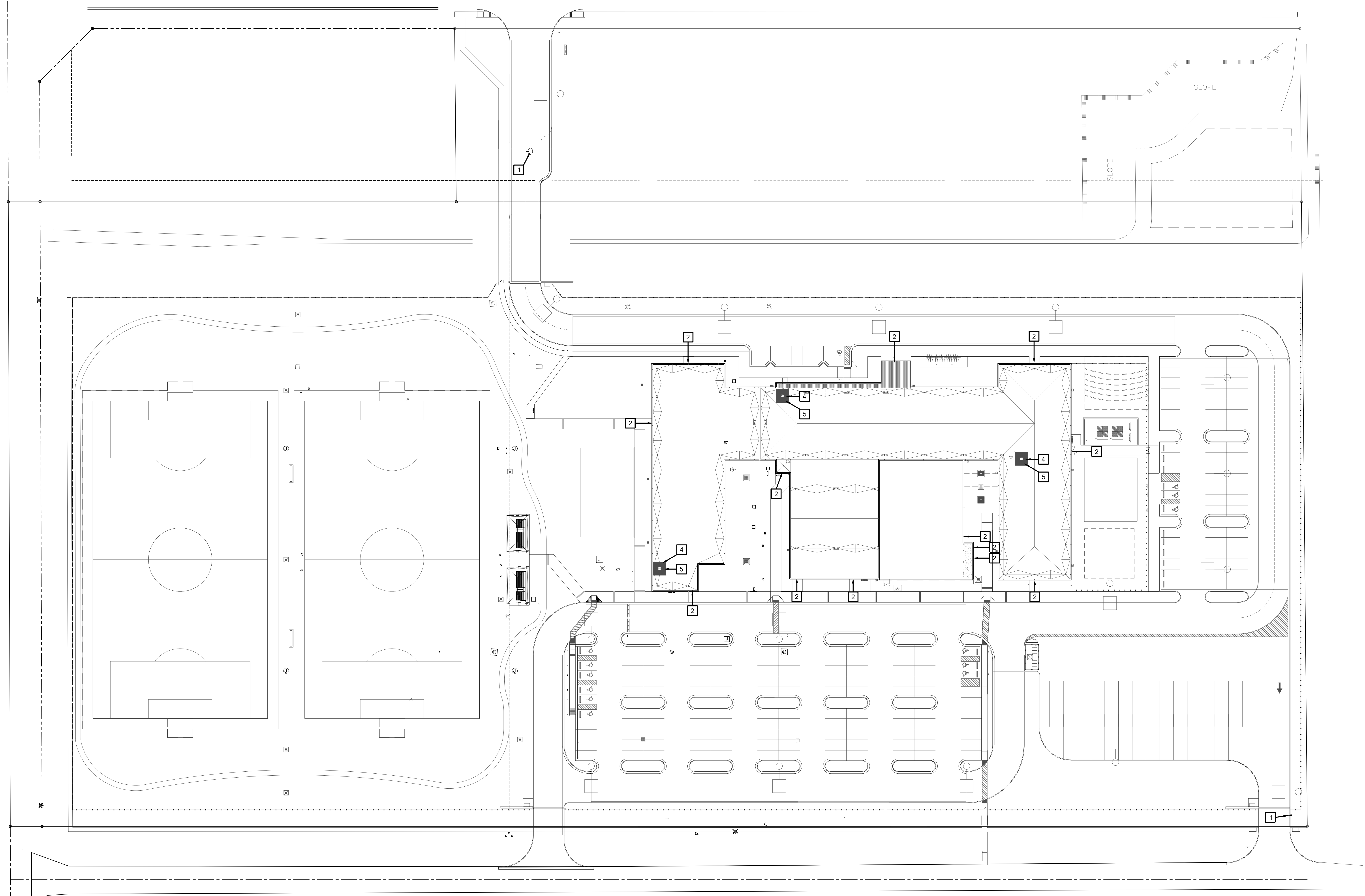
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**KEYED NOTES:**

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**IDEA RIVERVIEW**  
**TECHNOLOGY PLAN (2ND FLOOR)**  
 01 SCALE: 1/16" = 1'-0"  
 PLAN NORTH





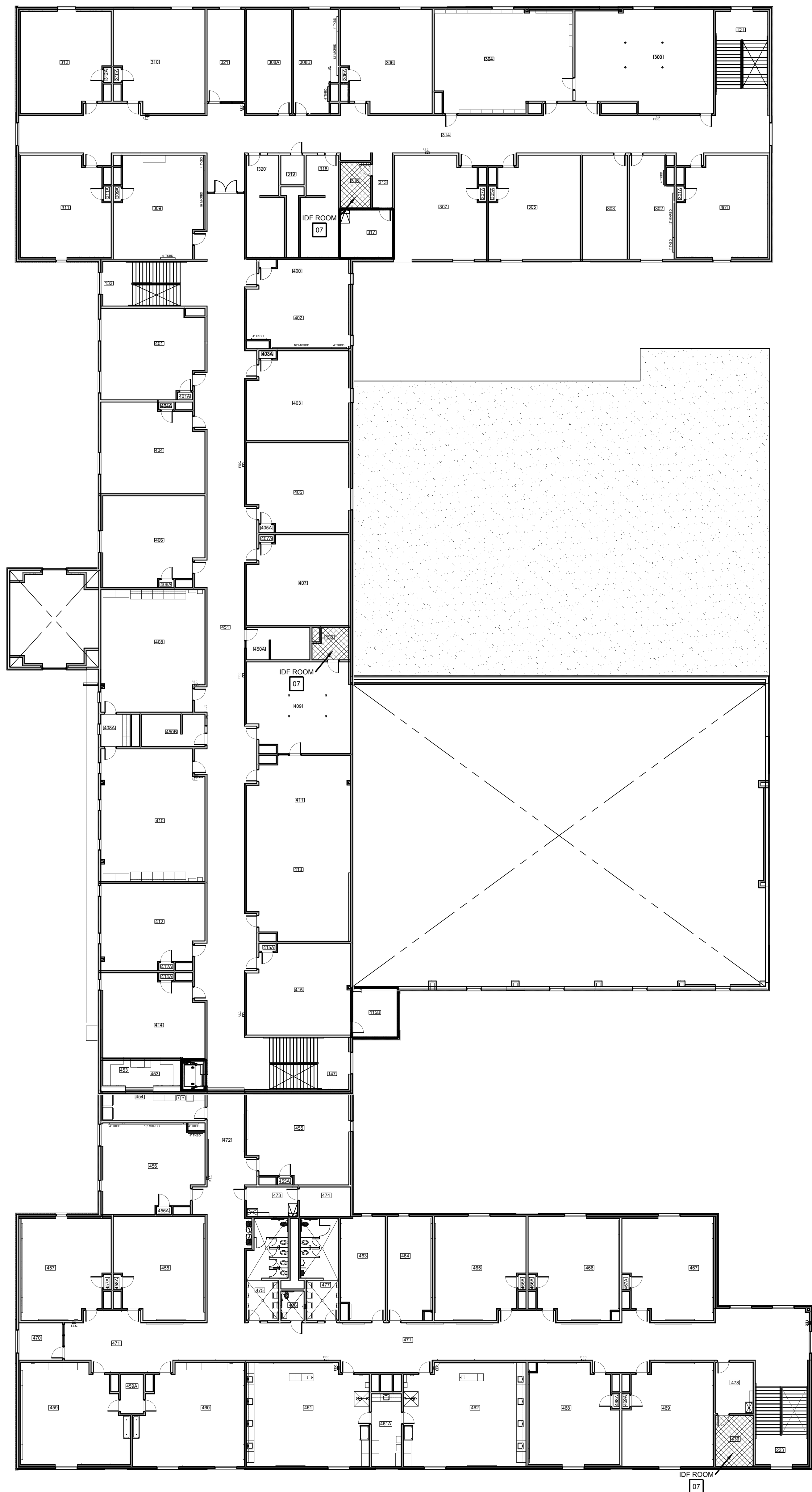
**01 OVERALL SITE PLAN**  
 SCALE 1" = 40'-0"  
 PLAN NORTH

- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS

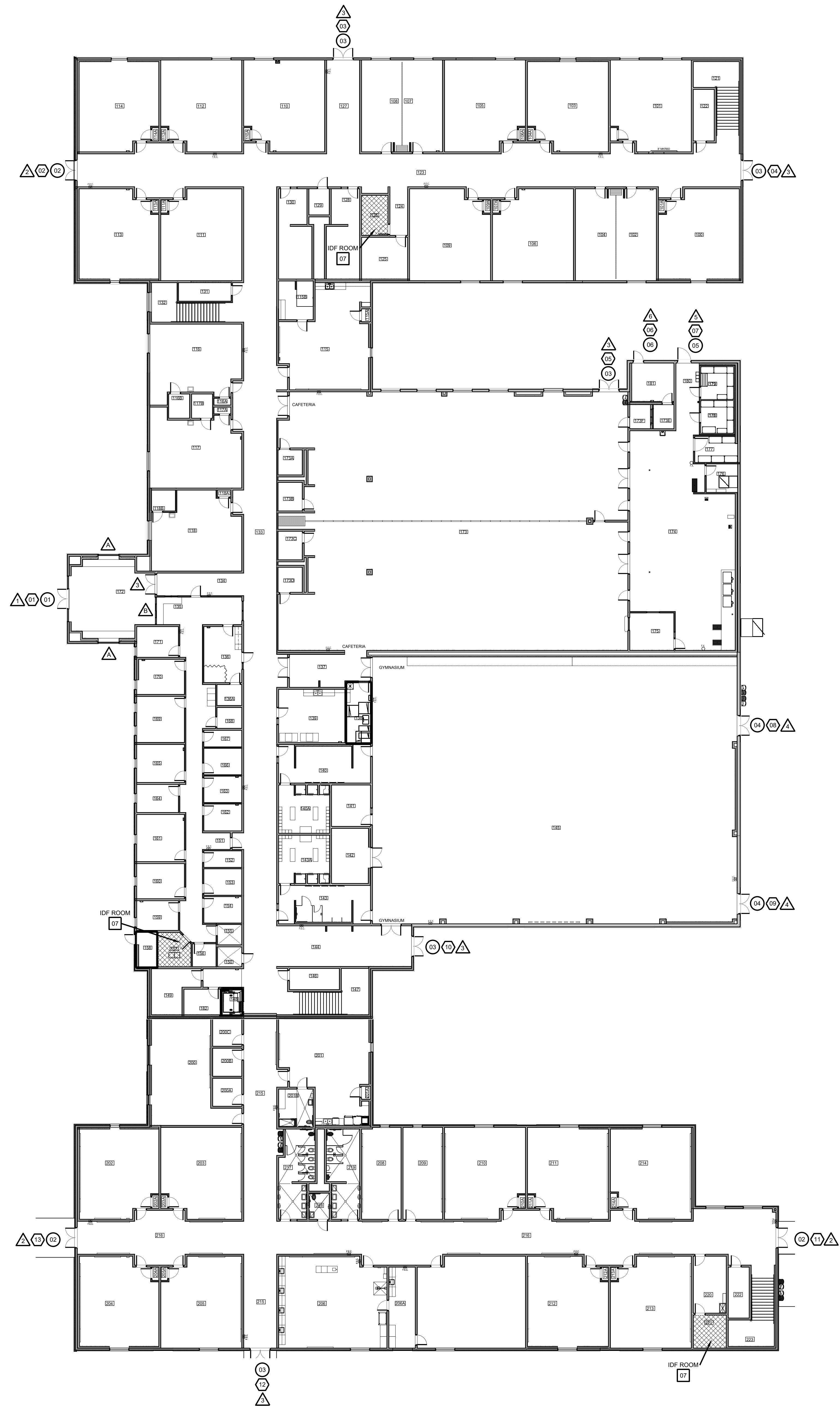
**IDEA PUBLIC SCHOOLS**  
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 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:



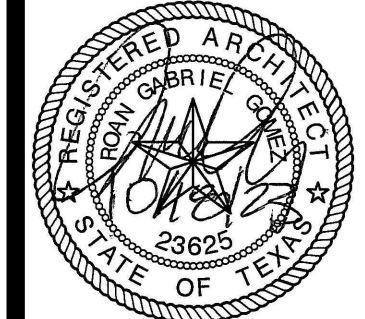
SECOND FLOOR  
**01 FLOOR PLAN**  
 SCALE: 1 = 40



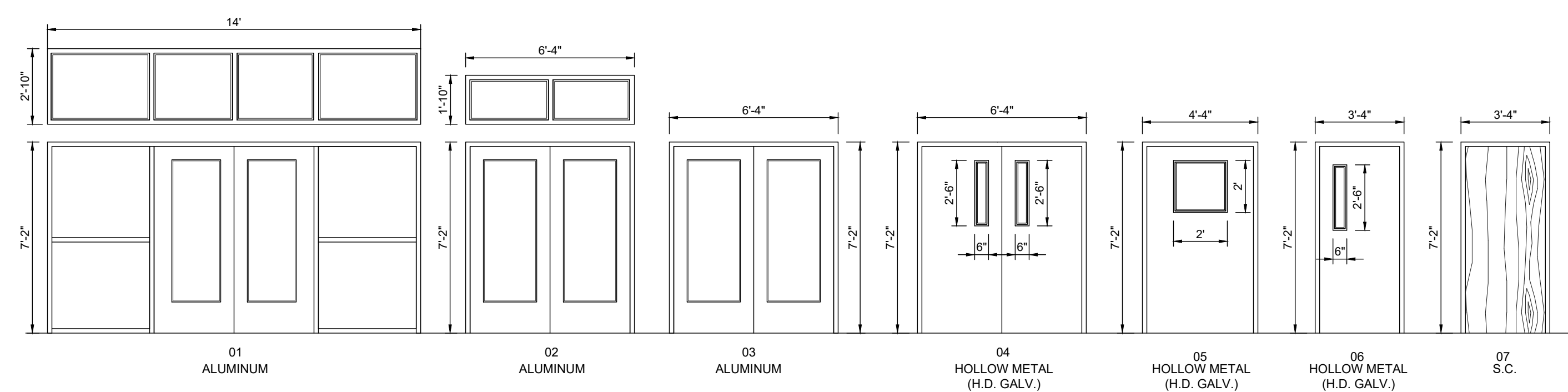
FIRST FLOOR  
**01 FLOOR PLAN**  
 SCALE: 1 = 40

**SYMBOL LEGEND**

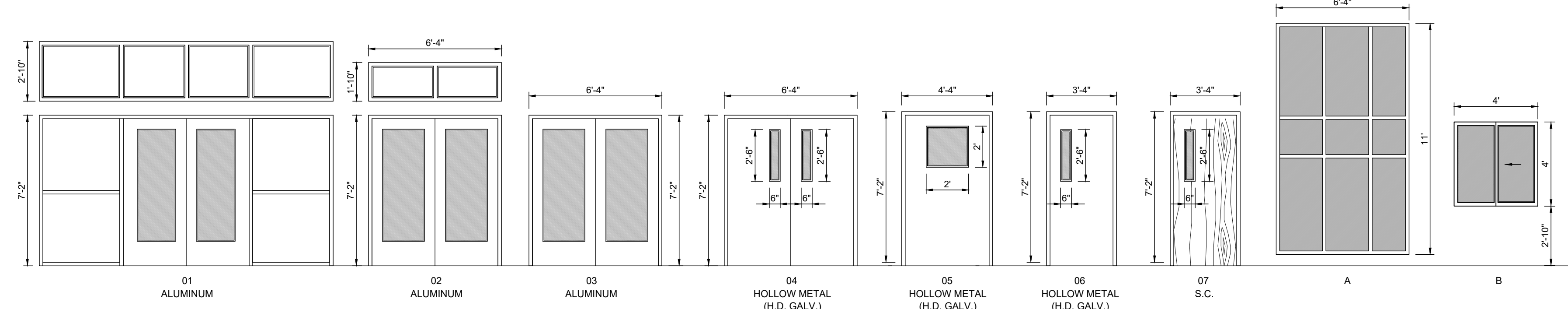
- ACCESS DOOR NUMBERING
- SECURITY DOOR HARDWARE
- IDF ACCESS HARDWARE
- SECURITY FILM







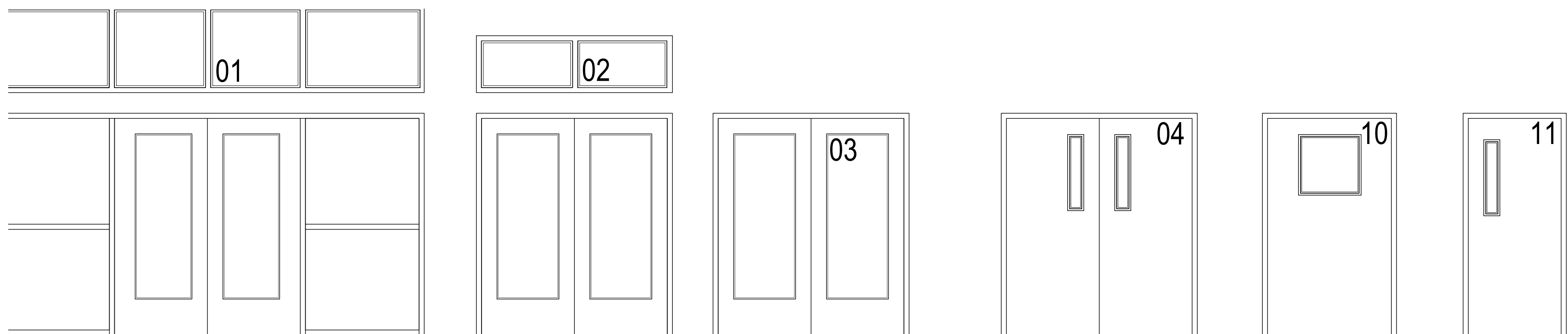
ACCESS CONTROL  
DOOR / FRAME ELEVATIONS  
SCALE 1/4" = 1'-0"



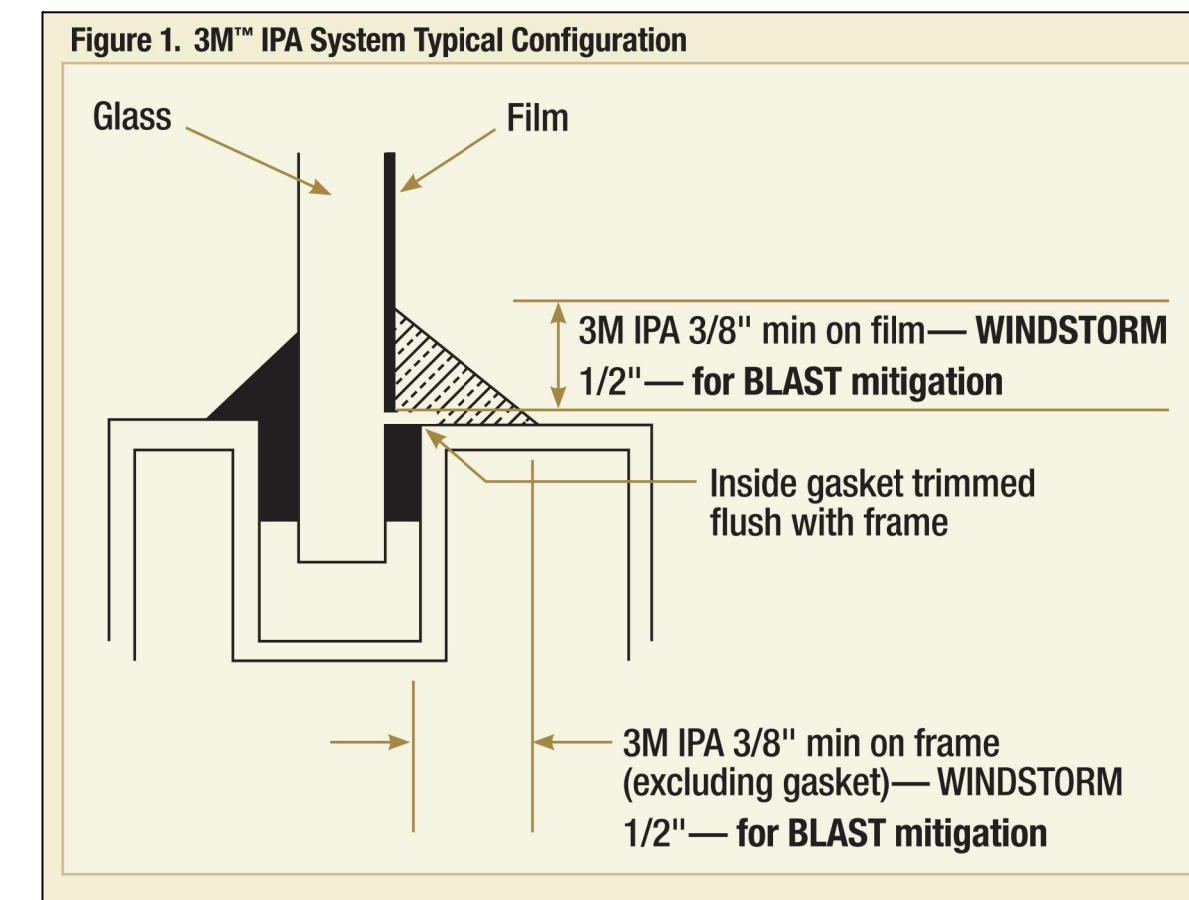
SECURITY FILM  
DOOR / FRAME ELEVATIONS  
SCALE 1/4" = 1'-0"

BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	MATL.	W	H				
172	01	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	14'-0"	10'-8"	4-1/2"	A	
123	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A	
127	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
123	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
173	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
181	05	HM	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	E	
180	05	HM	4'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	D	
145	04	HM	PR-3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
144	04	HM	PR-3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
144	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
216	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A	
215	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
216	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A	
157	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
126	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
221	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
452	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
316	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
479	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM

BLDG	FRAME NO.	DOOR			FRAME			REMARKS		
		MATL.	W	H	MATL.	W	H			
172	01	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	14'-0"	10'-8"	4-1/2"	
123	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	
127	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
123	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
173	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
181	05	HM	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	
180	05	HM	4'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	
145	04	HM	PR-3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	
144	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
216	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	
215	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
216	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	
172	A				ALUM.	11'-0"	6'-4"	4-1/2"		
172	A				ALUM.	11'-0"	6'-4"	4-1/2"		
134	3	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
135	B				ALUM.	4'-0"	4'-0"	4-1/2"		



02 DOOR NUMBER LOCATION  
ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.

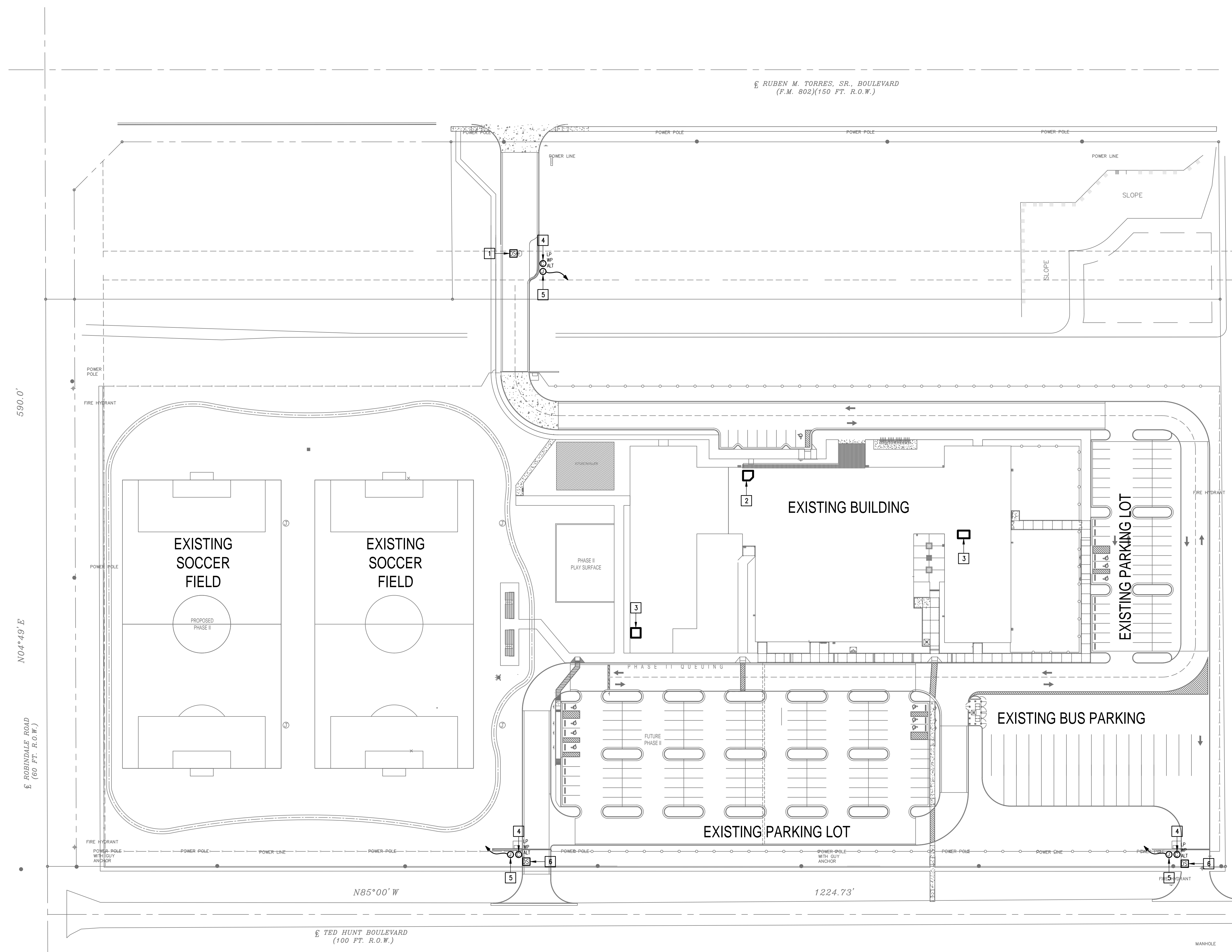


01 FILM DETAIL  
NOT TO SCALE

No.	REVISIONS	BY



- KEYED NOTES:**
- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 2 EXISTING MDF ROOM.
  - 3 EXISTING IDF ROOM.
  - 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
  - 5 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
  - 6 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.



**IDEA ROBINDALE TECHNOLOGY PLAN (SITE PLAN)**  
 01 SCALE: 1" = 60'-0"  
 PLAN NORTH

**IDEA PUBLIC SCHOOLS SECURITY IMPROVEMENTS**  
 BROWNSVILLE, TEXAS



10.24.2023  
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**E1.01**



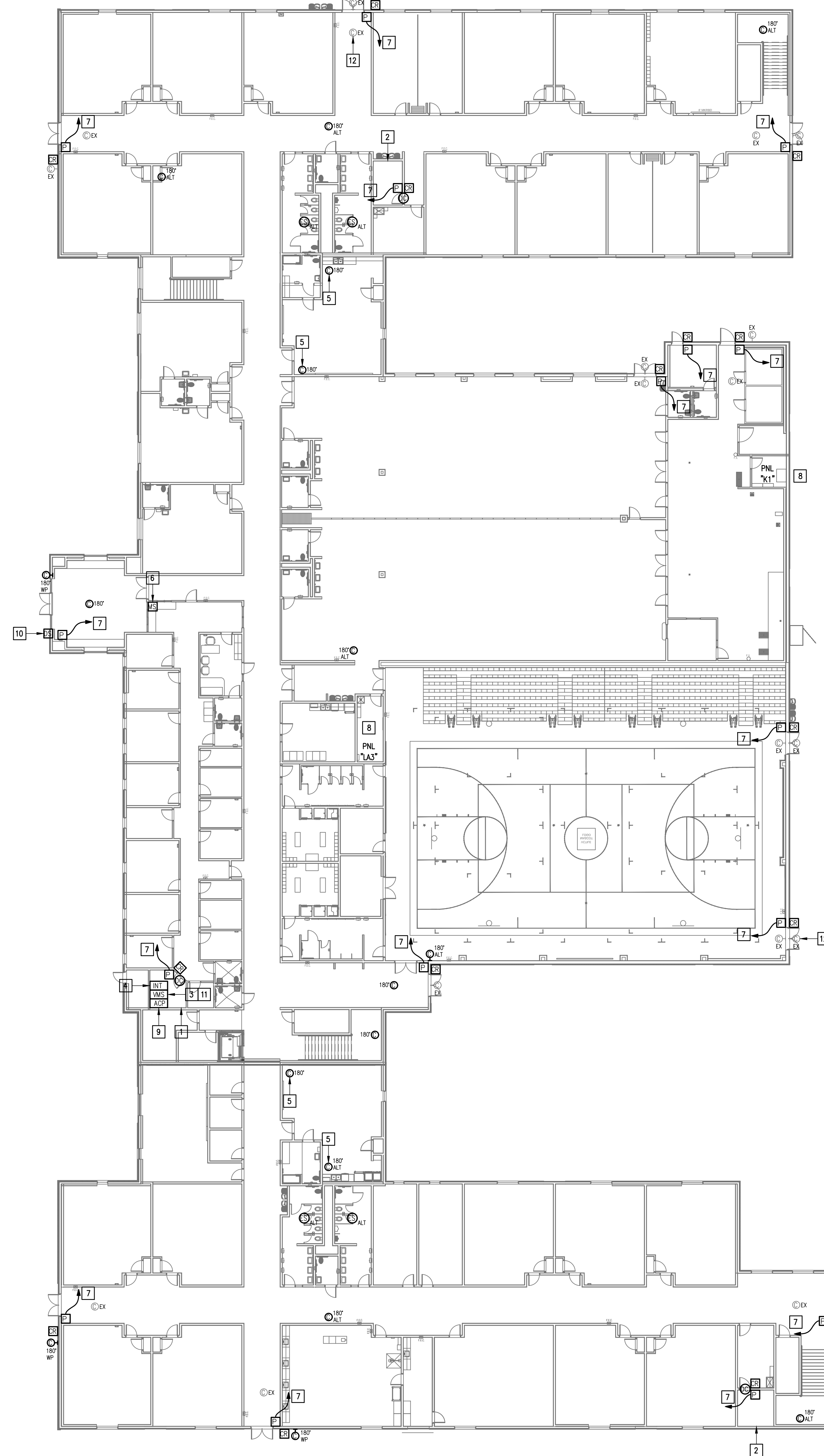

1150 Paredes Line Rd.  
Brownsville TX 78526  
(956) 546-0110  
fax (956) 546-0196

**GENERAL NOTES:**

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
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- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

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- EXISTING INTRUSION DETECTION SYSTEM PANEL BOSCH MODEL B9512G.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
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- EXISTING GENETEC VIDEO MANAGEMENT SYSTEM.
- EXISTING CCTV CAMERA TO REMAIN - TYPICAL.



01 IDEA ROBINDALE TECHNOLOGY PLAN (1ST FLOOR)  
SCALE : 1/16" = 1'-0"



IDEA PUBLIC SCHOOLS  
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BROWNSVILLE, TEXAS



10.24.2023

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Interior Designers

Date: 10/24/2023

Scale: As Noted

Project Architect: Roan Gomez, AIA

Drawn By: C.G.

Sheet No: 22/28

Sheet:



E2.01



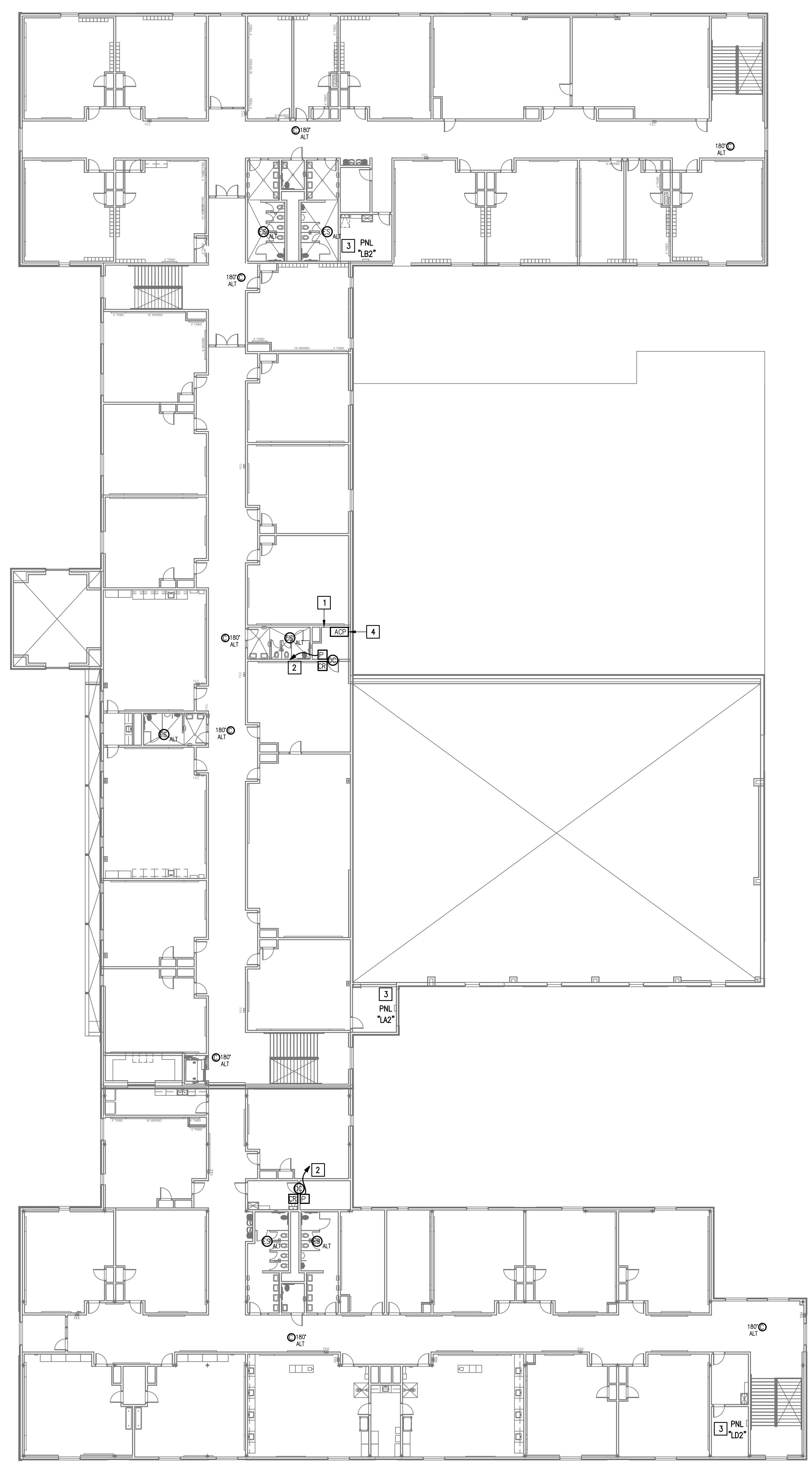

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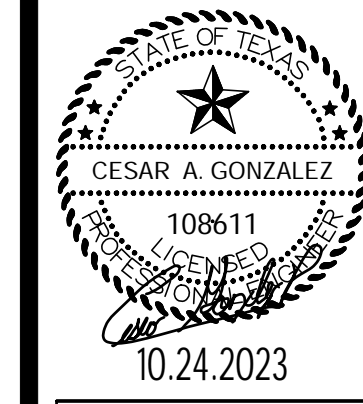
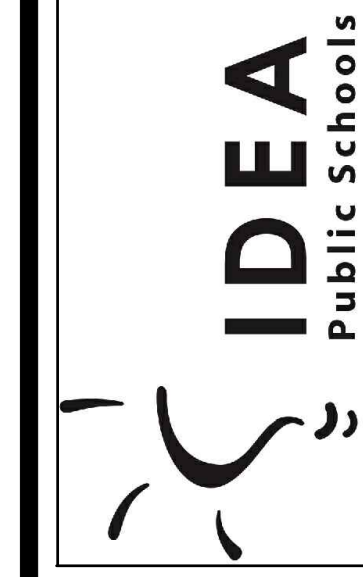
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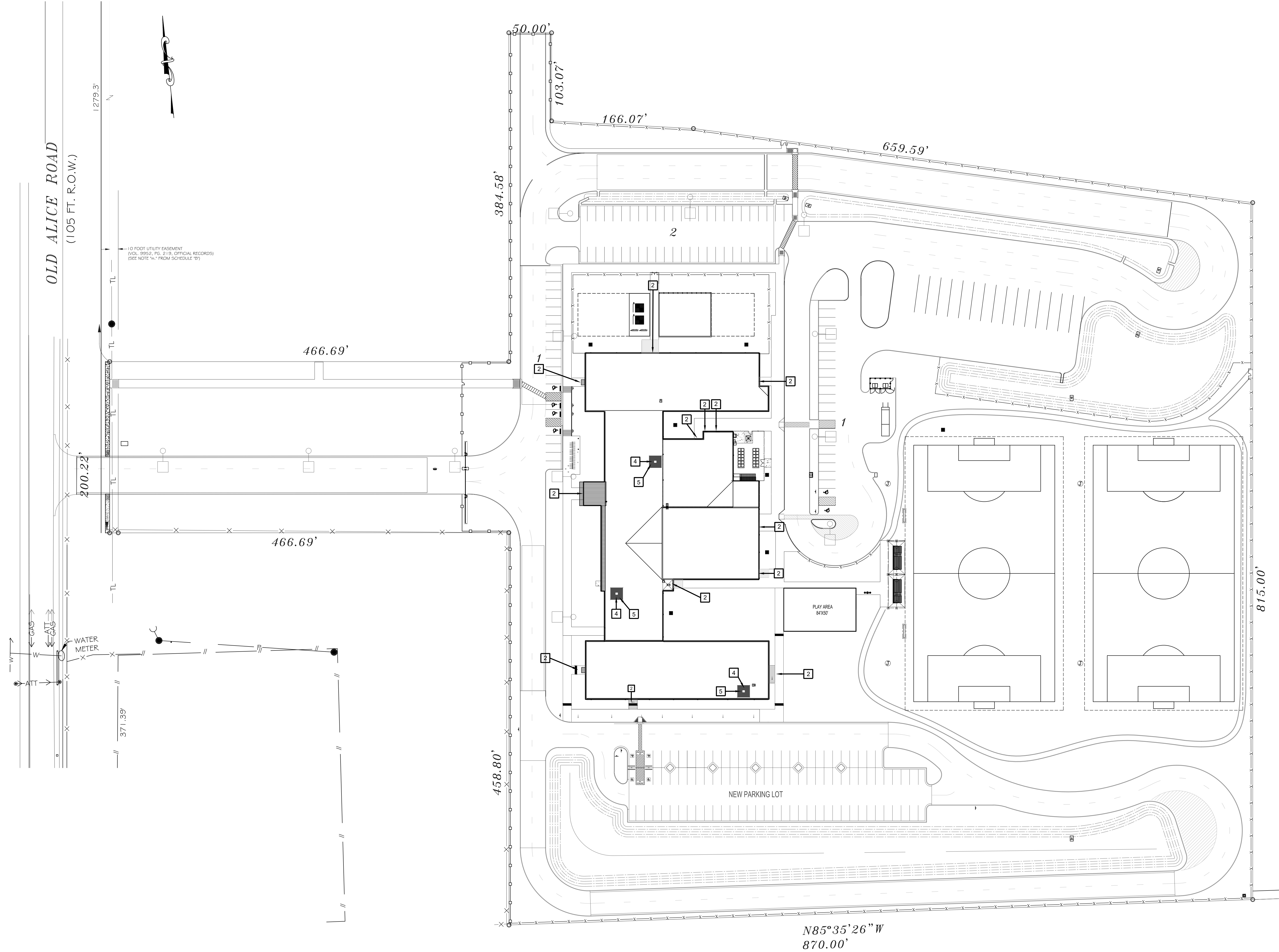
01 **IDEA ROBINDALE TECHNOLOGY PLAN (2ND FLOOR)**  
SCALE : 1/16" = 1'-0"  
PLAN NORTH

**IDEA PUBLIC SCHOOLS SECURITY IMPROVEMENTS**  
BROWNSVILLE, TEXAS



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Date: 10/24/2023  
Scale: As Noted  
Project Address: Roan, Gomez, AIA  
Drawn By: C.G.  
JSE No: 22/198  
Sheet:





**SITE PLAN KEY NOTES:**

- 1 GATE VIDEO ACCESS WITH CARD READER
- 2 EXTERIOR ACCESS DOOR WITH CARD READER
- 3 EXTERIOR NETWORKING DOOR WITH CARD READER
- 4 INTERIOR NETWORKING DOOR WITH CARD READER
- 5 NETWORK IDF/MDF ROOM LOCATIONS



**01 OVERALL CAMPUS SITE PLAN**

SCALE: 1" = 50'-0"

No.	REVISIONS	BY



GMS ARCHITECTS

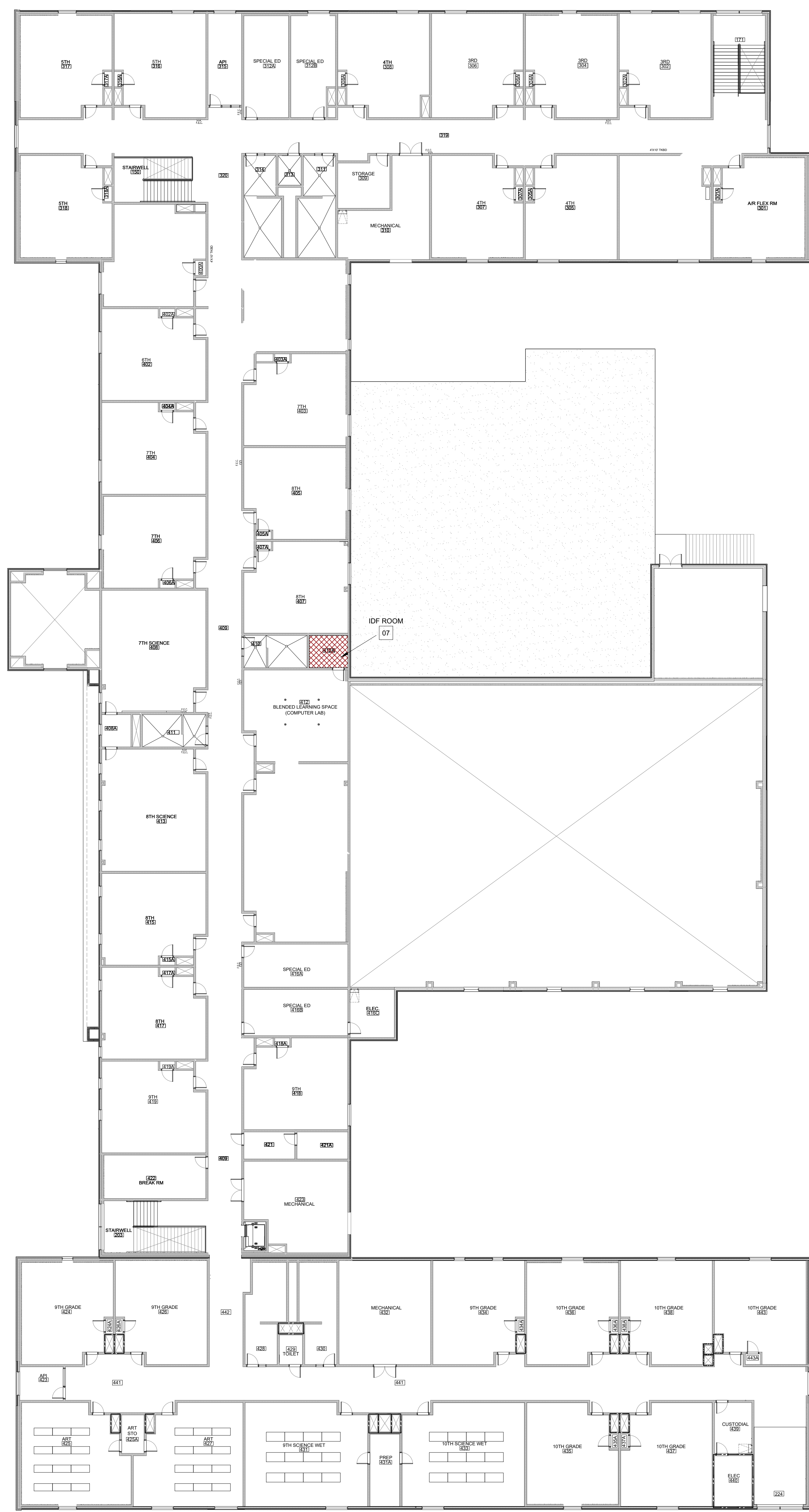
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**IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
BROWNSVILLE, TEXAS**

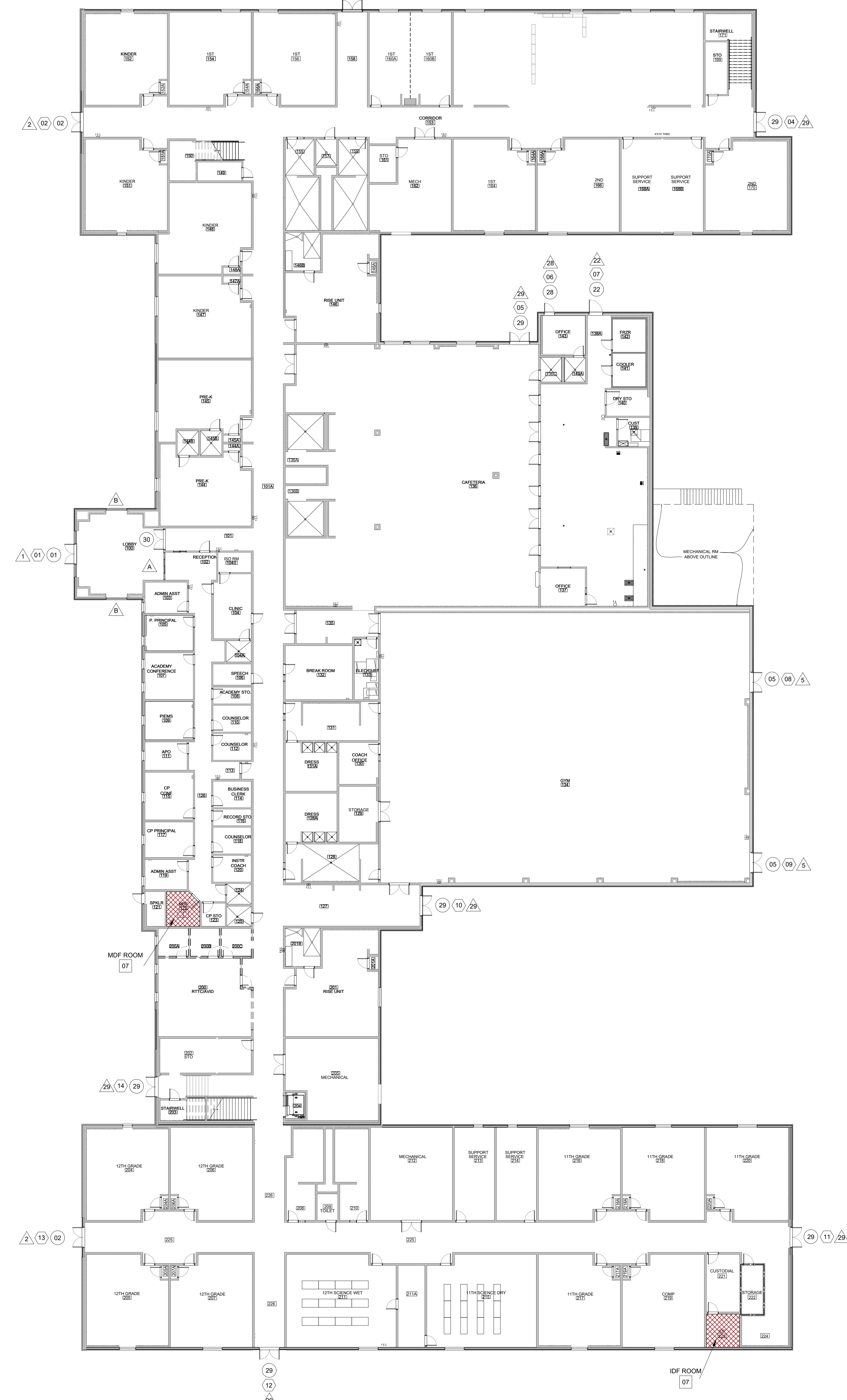


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Date: 01/20/23  
Scale: As Noted  
Project Architect: Rogan Gomez, AIA  
Drawn By: CG, JD, JA  
Job No.: IDEA SECURITY  
Sheet:

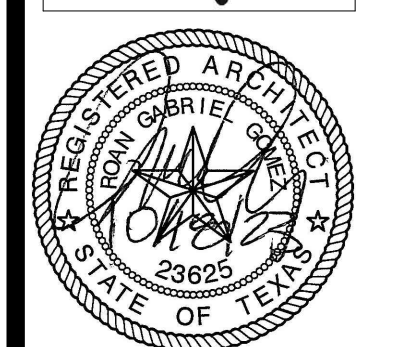


**SECOND FLOOR FLOOR PLAN**  
**02**  
 SCALE: 1/16" = 1'-0"

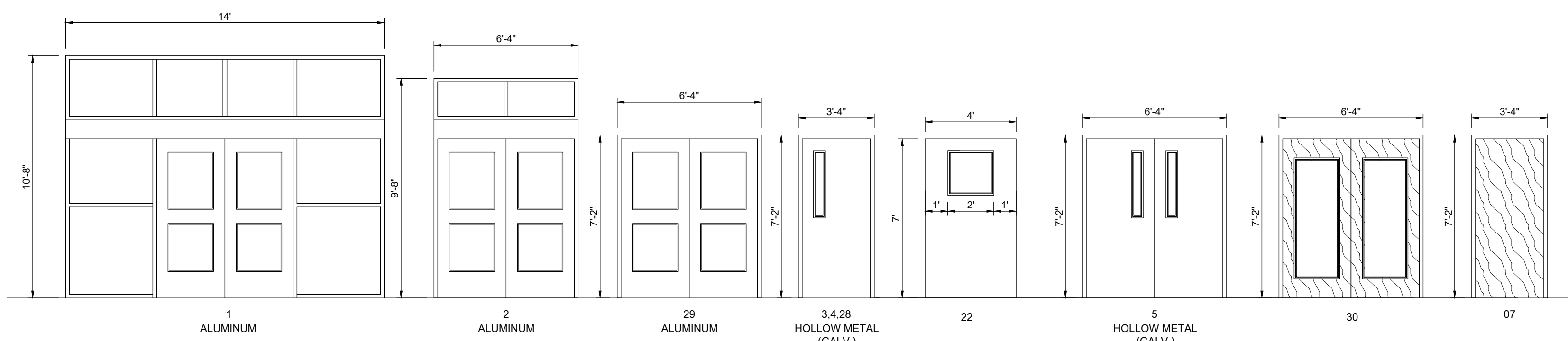


**FIRST FLOOR FLOOR PLAN**  
**01**  
 SCALE: 1/16" = 1'-0"

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 BROWNSVILLE, TEXAS  
**IDEA** Public Schools

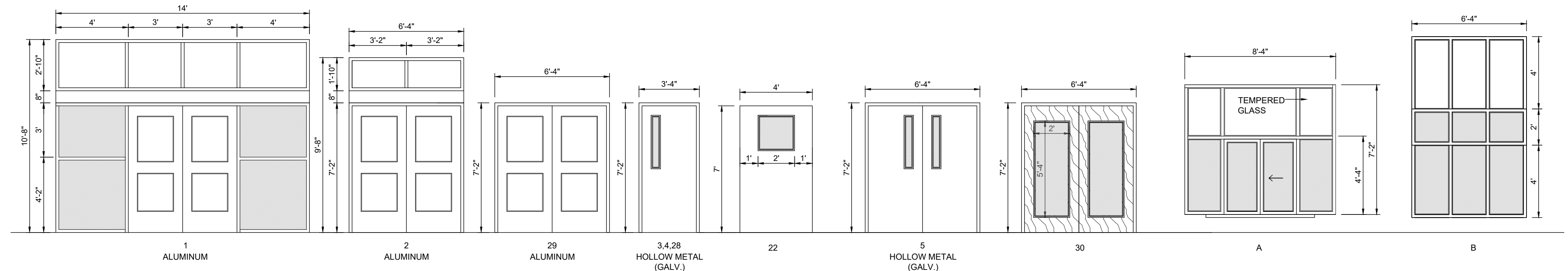


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 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:



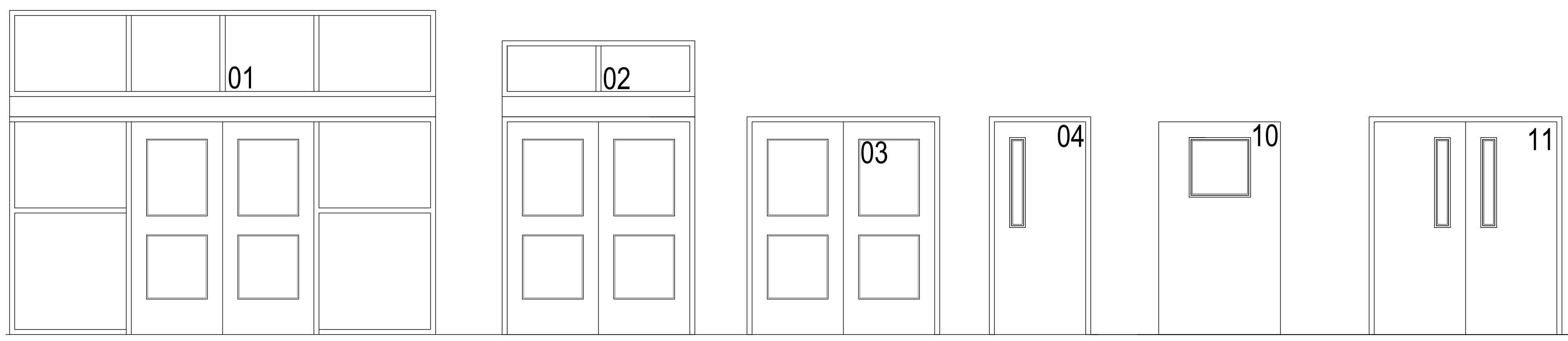
ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	T	MATL.	W			H	T
100	01	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	14'-0"	10'-8"	4'-1/2"	A	
101	30	SC	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	10'-0"	4'-1/2"	A	
153	02	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	9'-8"	4'-1/2"	A	
158	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	A	
153	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	A	
136	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	A	
143	28	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5'-3/4"	A	
138A	22	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5'-3/4"	E	
134	05	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5'-3/4"	B	
134	05	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5'-3/4"	B	
127	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	A	
225	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	A	
226	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	A	
225	02	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	9'-8"	4'-1/2"	A	
203	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	A	
122	07	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5'-3/4"	F	MDF ROOM
223	07	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5'-3/4"	F	IDF ROOM
412A	07	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5'-3/4"	F	IDF ROOM

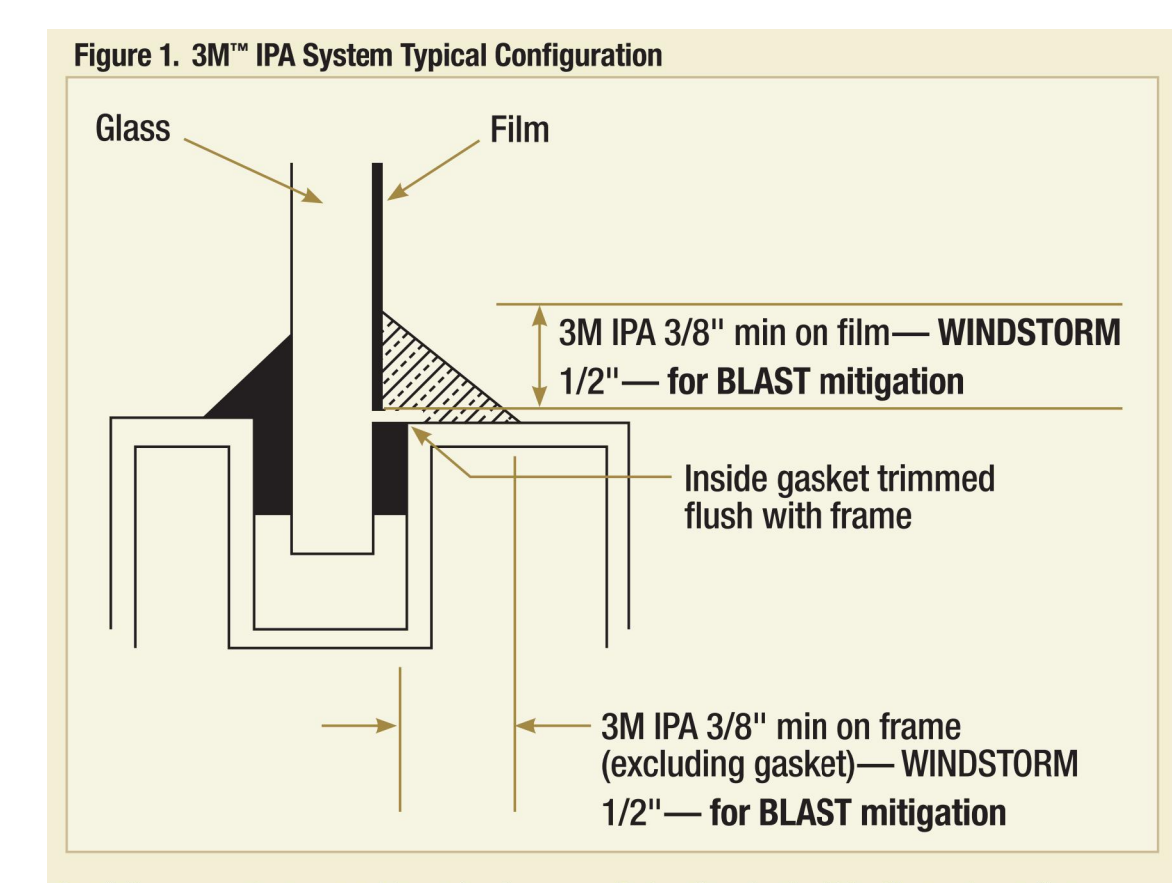


SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

BLDG	FRAME NO.	MATL.	DOOR			FRAME			REMARKS	
			W	H	T	MATL.	W	H		T
100	01	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	14'-0"	10'-8"	4'-1/2"	
153	02	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	9'-8"	4'-1/2"	
158	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	
153	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	
136	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	
143	28	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5'-3/4"	
138A	22	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5'-3/4"	
134	05	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5'-3/4"	
134	05	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5'-3/4"	
127	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	
225	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	
226	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	
225	02	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	9'-8"	4'-1/2"	
203	29	ALUM	PR - 3'-0"	7'-0"	1 3/4"	ALUM	6'-4"	7'-2"	4'-1/2"	
100	B					ALUM	6'-4"	10'-0"	4'-1/2"	
100	B					ALUM	6'-4"	10'-0"	4'-1/2"	
102	A					ALUM	8'-4"	7'-2"	4'-1/2"	



**02 DOOR NUMBER LOCATION**  
ALL LETTERS ARE SHALL BE 8" TALL VINYL WITH REFLECTIVE FINISH.



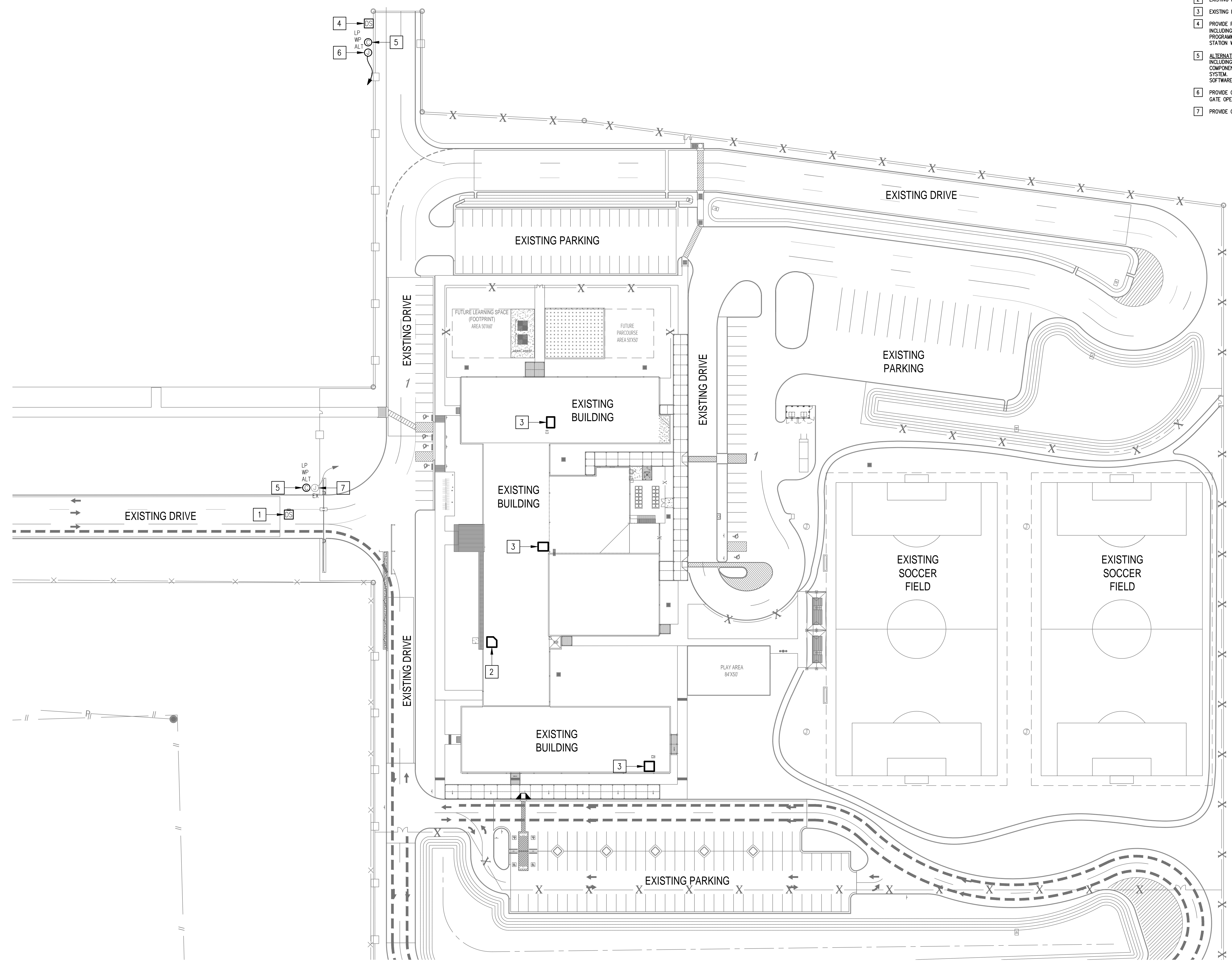
**01 FILM DETAIL**  
NOT TO SCALE



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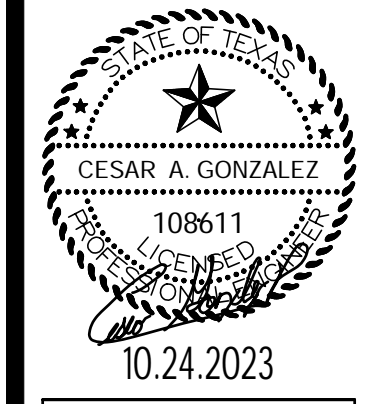
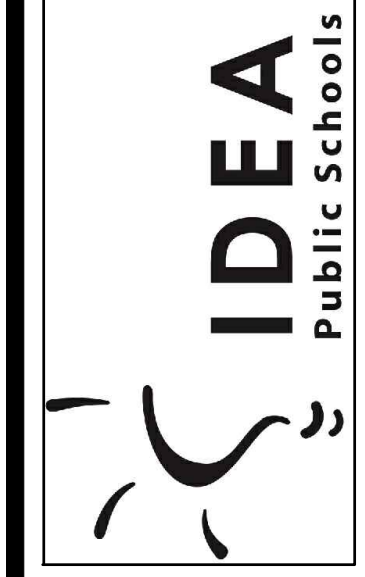
**KEYED NOTES:**

- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING MDF ROOM.
- 3 EXISTING IDF ROOM.
- 4 PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 5 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 6 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT; BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
- 7 PROVIDE GATE HARDWARE AND POWER SUPPLY.



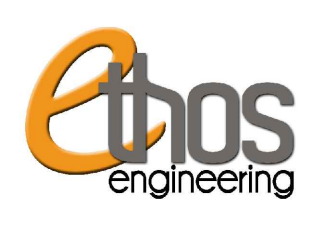
IDEA SPORT PARK  
TECHNOLOGY PLAN (SITE PLAN)  
01 SCALE: 1" = 50'-0"  
PLAN NORTH

IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
BROWNSVILLE, TEXAS



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Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 22090  
Sheet: E1.01





No.	REVISIONS	BY



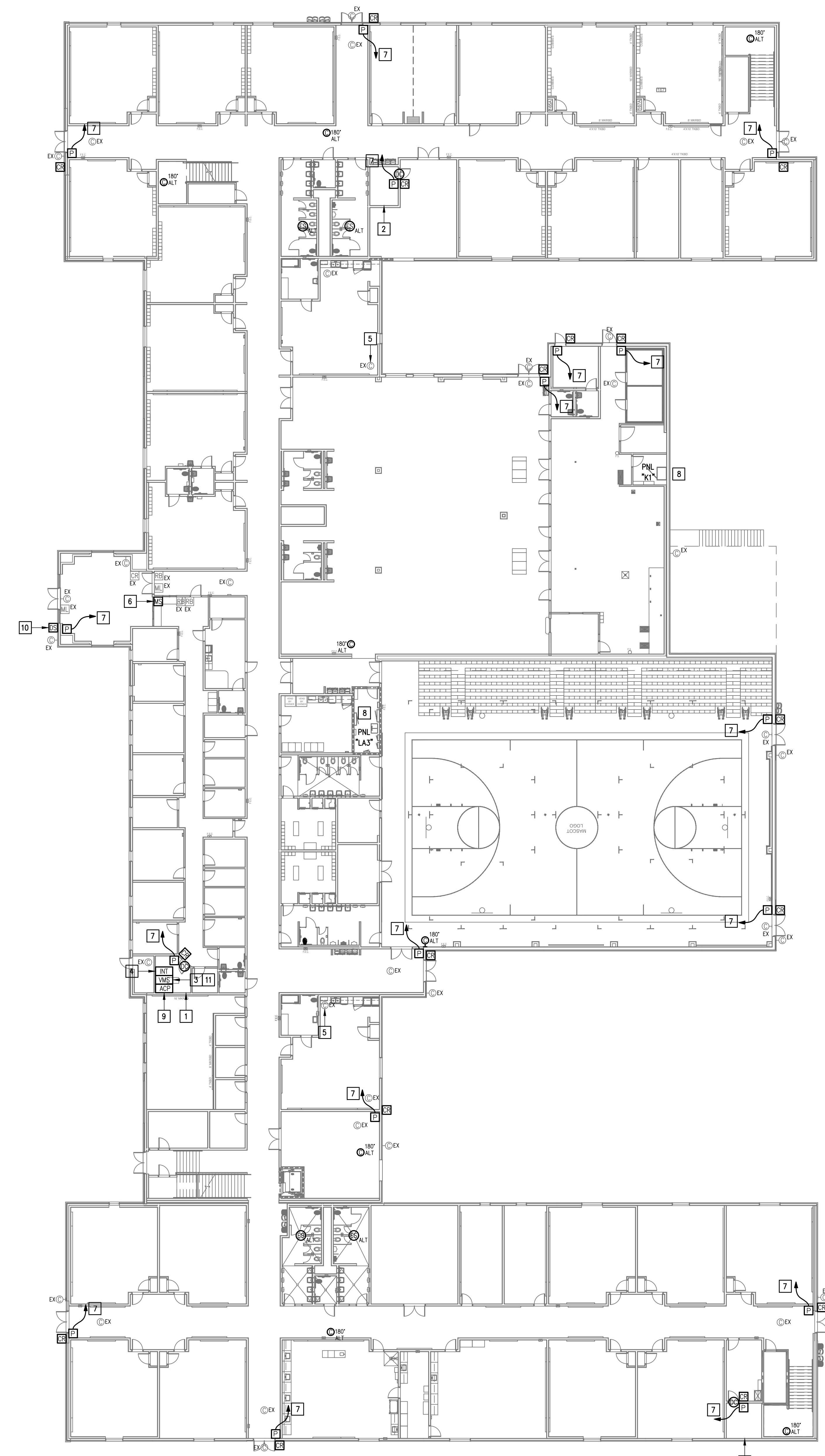
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fax (956) 546-0196

**GENERAL NOTES:**

1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

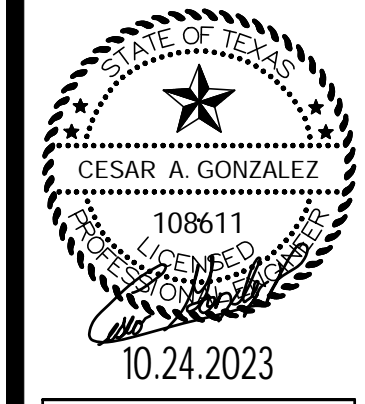
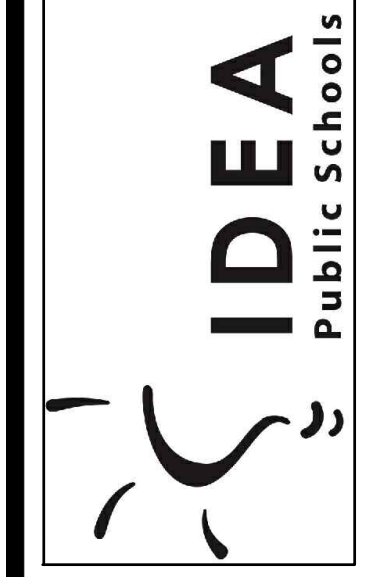
- 1 EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH WVS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 4 EXISTING INTRUSION DETECTION SYSTEM PANEL BOSCH MODEL B9512G.
- 5 EXISTING CCTV CAMERA TO REMAIN - TYPICAL.
- 6 EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- 7 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 8 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 9 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- 10 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 11 EXISTING GENETEC VIDEO MANAGEMENT SYSTEM.



IDEA SPORTS PARK  
TECHNOLOGY PARK (1ST FLOOR)  
01 SCALE 1/16" = 1'-0" PLAN NORTH



IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
BROWNSVILLE, TEXAS



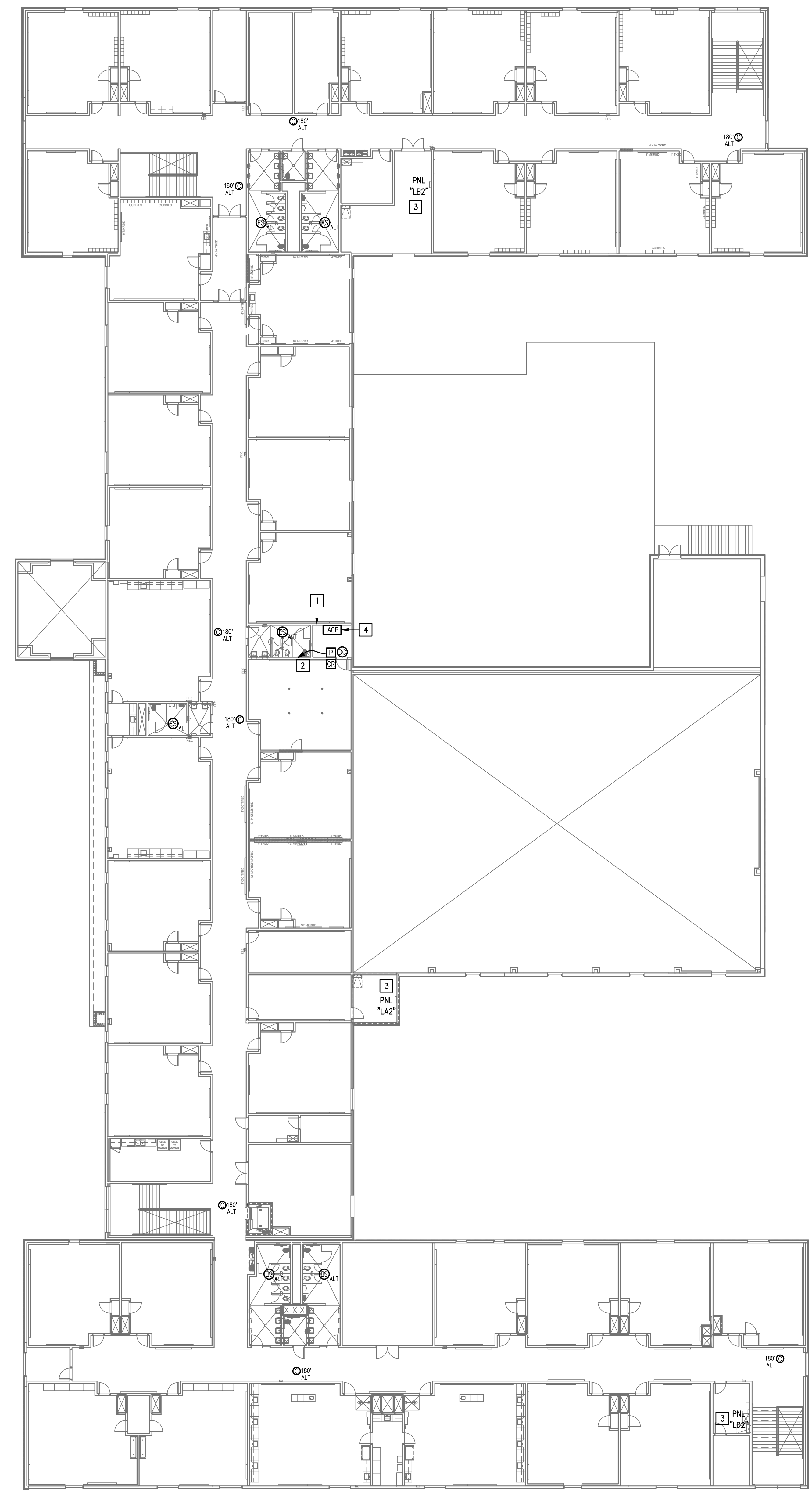
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Interior Designers  
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Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 22090  
Sheet: E2.01

**GENERAL NOTES:**

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

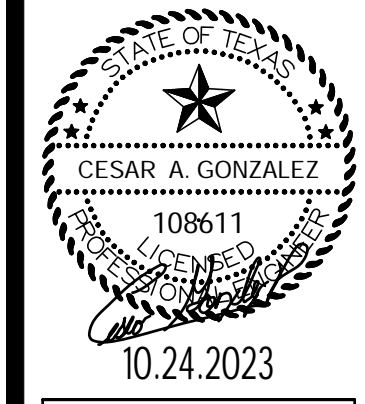
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



01 IDEA SPORTS PARK  
 TECHNOLOGY PLAN (2ND FLOOR)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 BROWNSVILLE, TEXAS



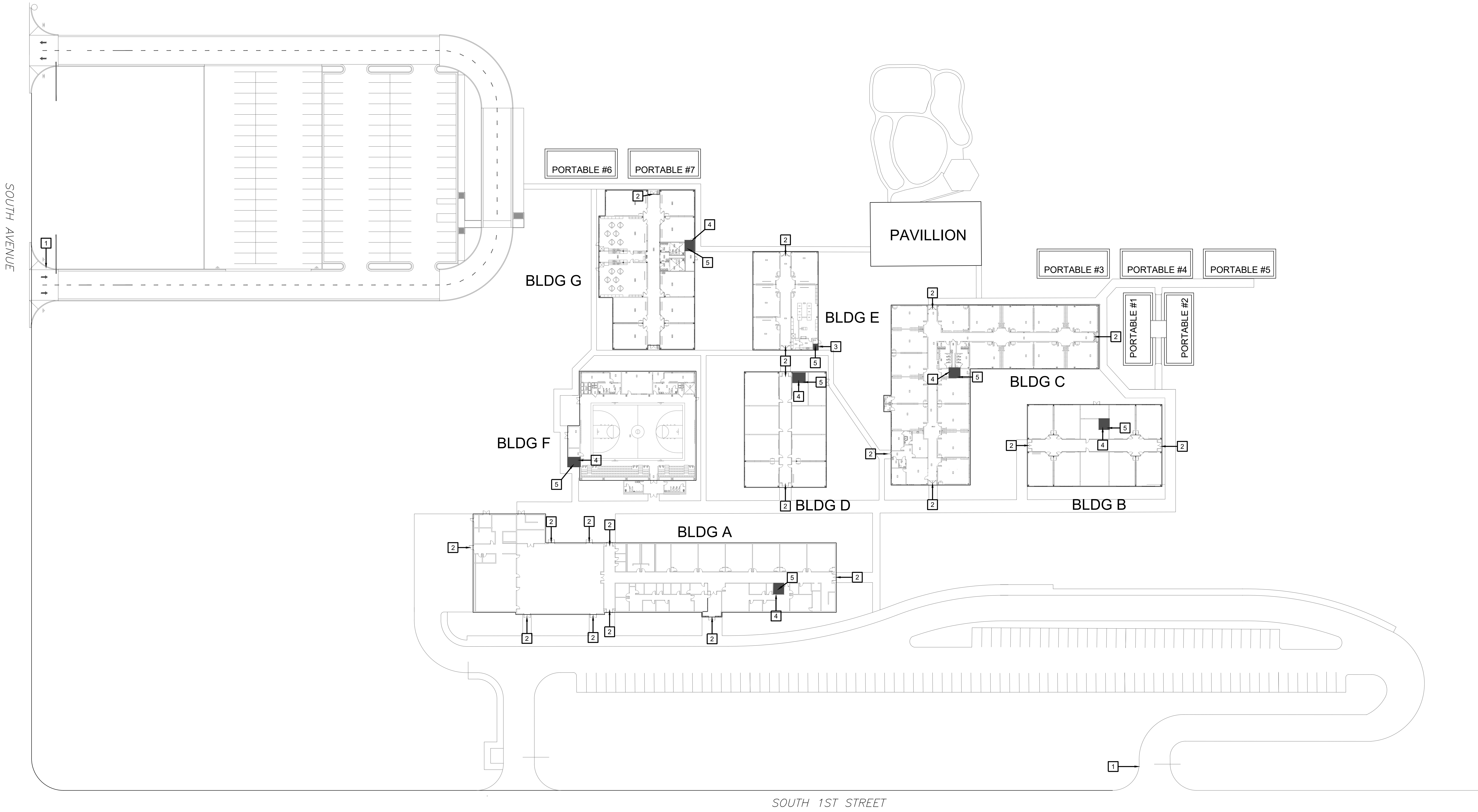


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 Drawn By: C.G.  
 Job No: 22/090  
 Sheet:



E2.02



- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS

**01 CAMPUS SITE PLAN**

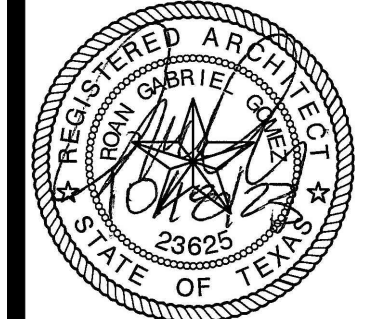
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**IDEA DONNA**





**A1.01**

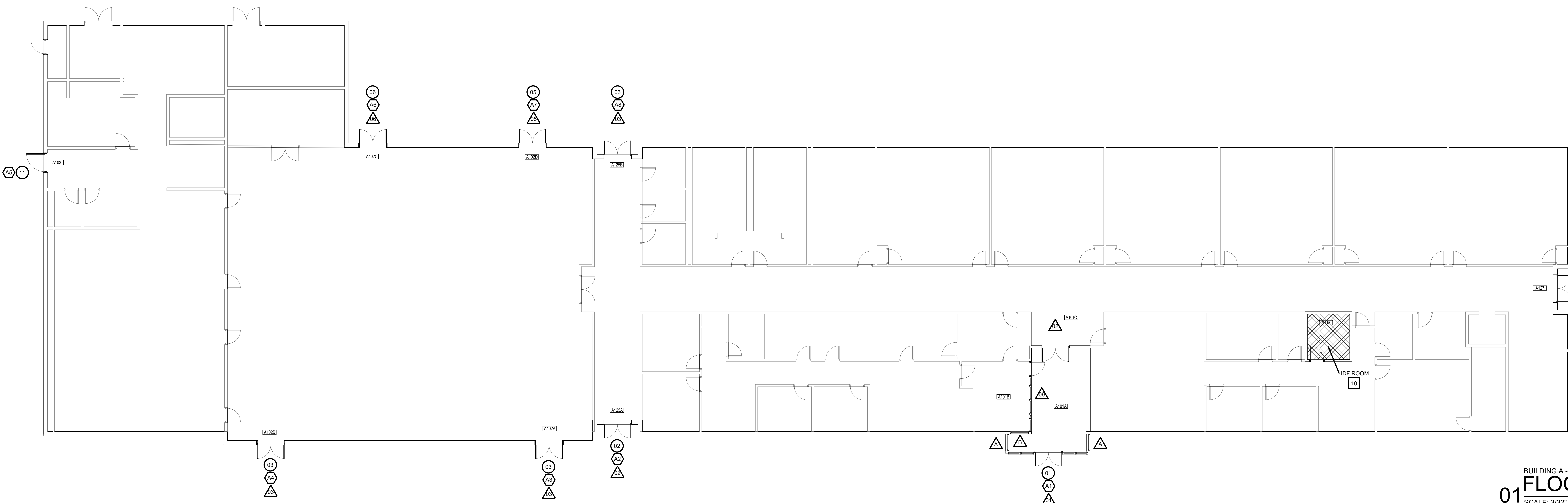
**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 DONNA, TEXAS



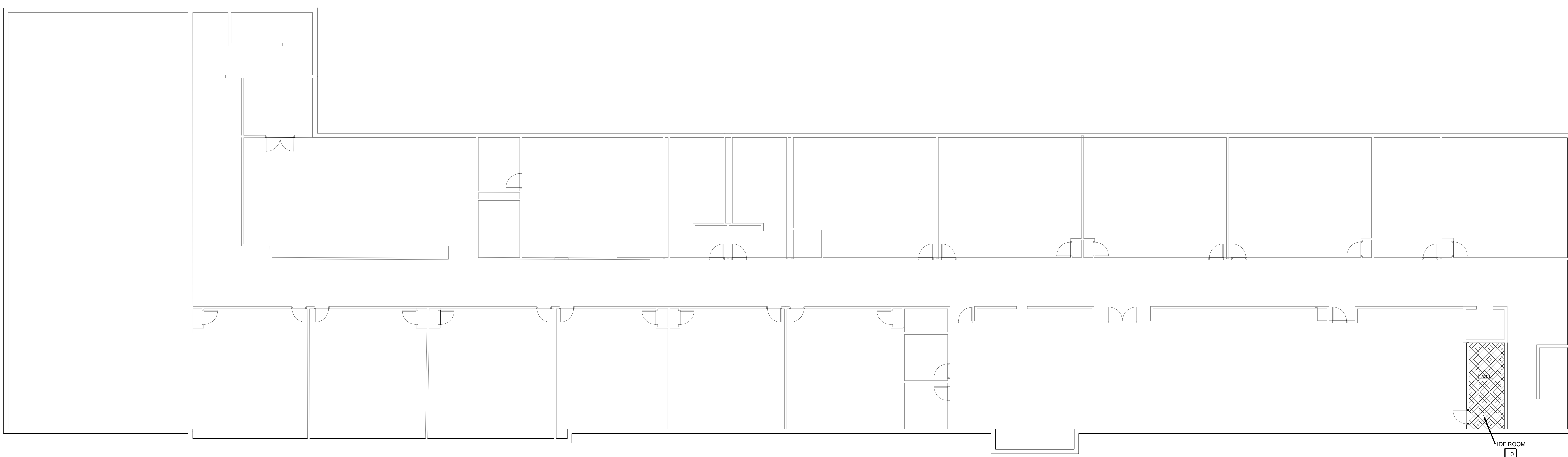
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 Project Architect: Rolin Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

**SYMBOL LEGEND**

-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM

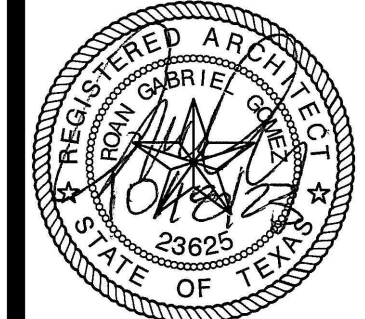
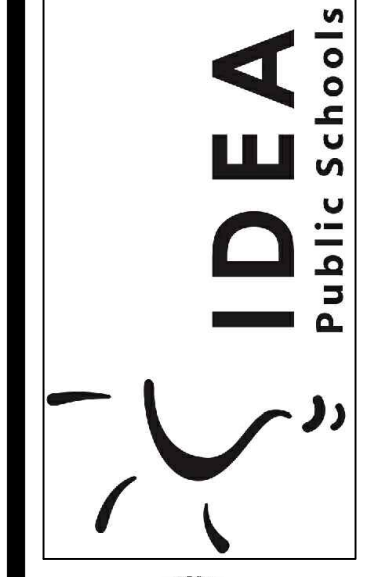


BUILDING A - FIRST FLOOR  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



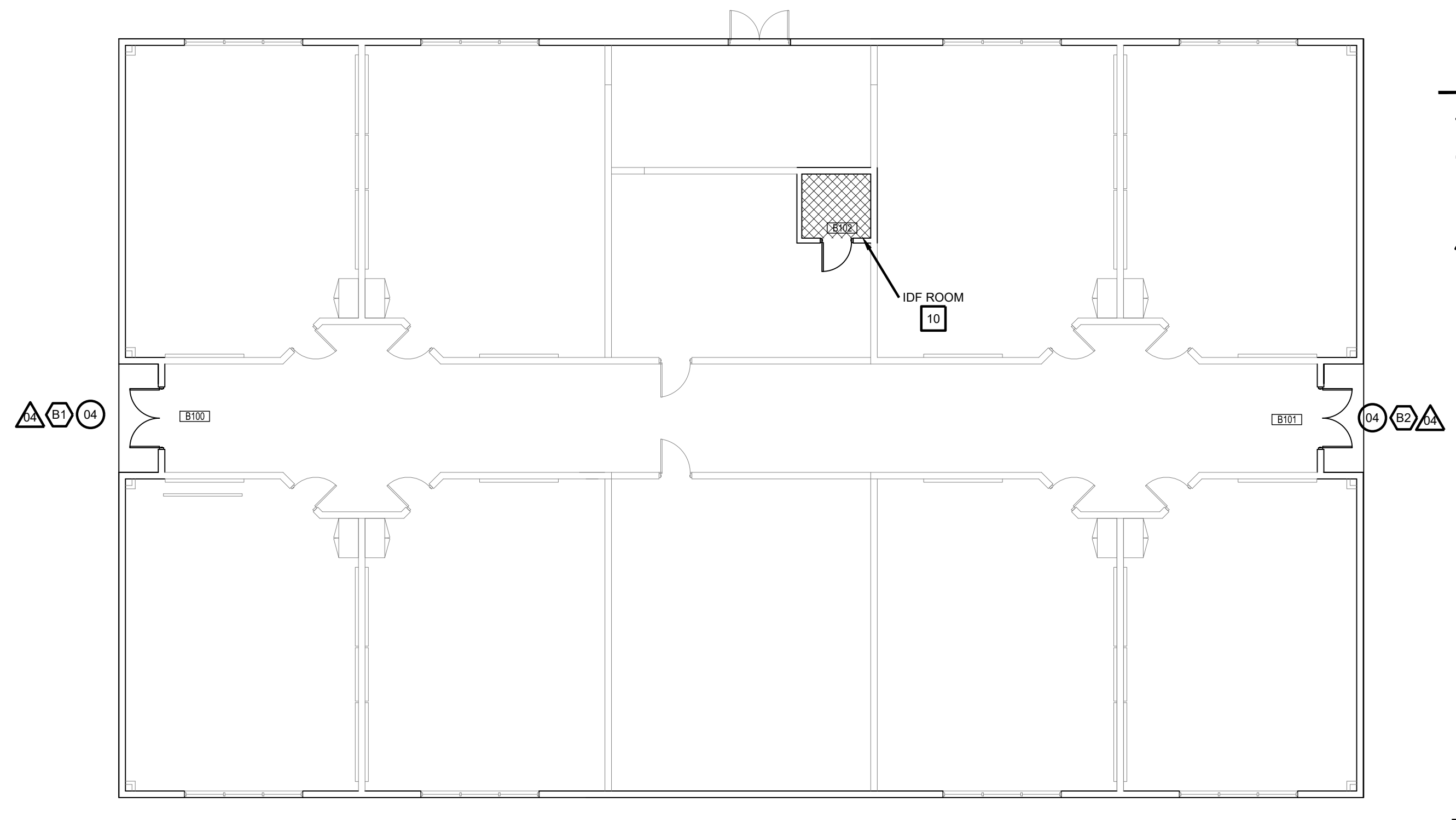
BUILDING A - SECOND FLOOR  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 DONNA, TEXAS



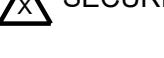



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 Drawn By: CG\_IO\_JA  
 Job No: IDEA SECURITY  
 Sheet:

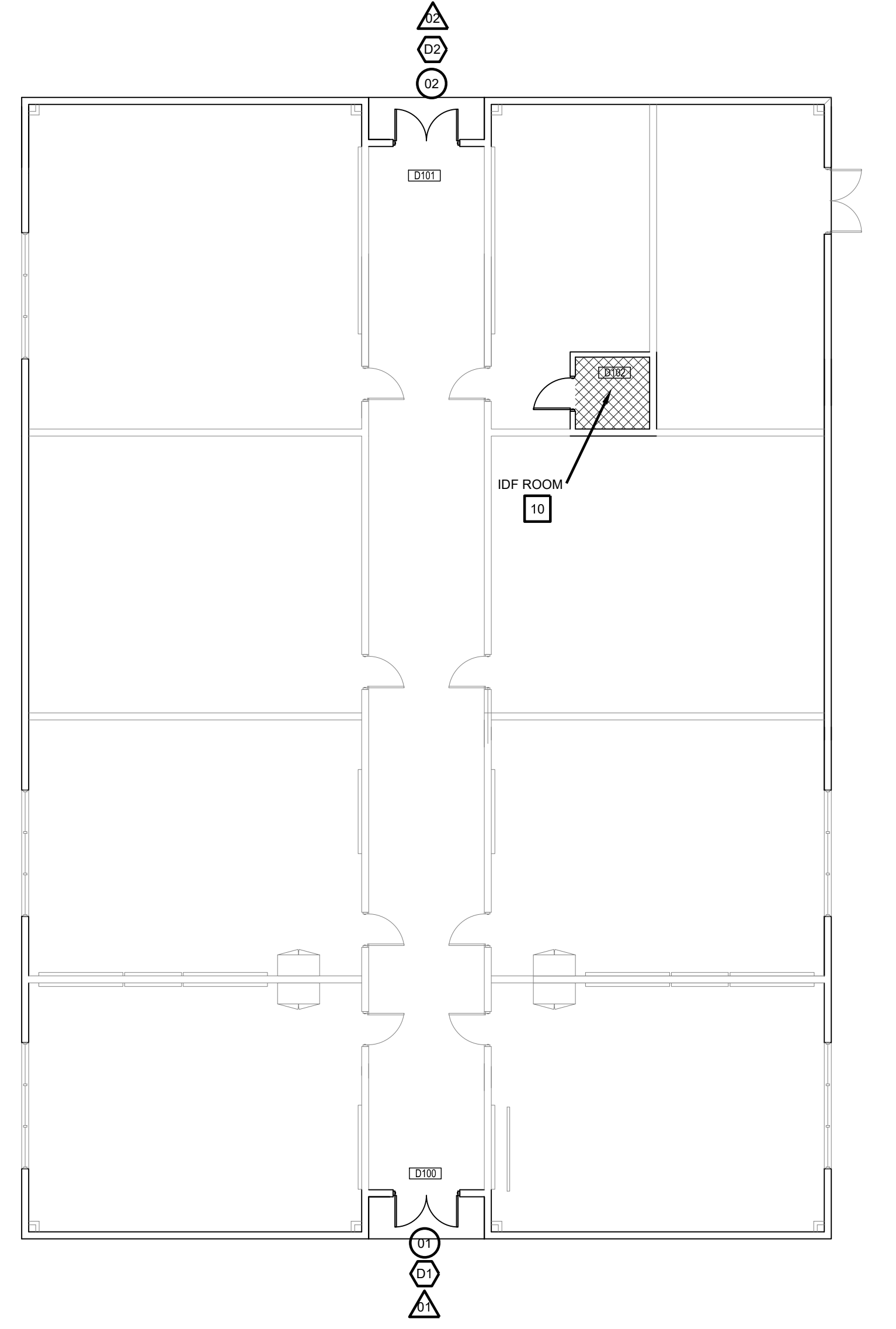
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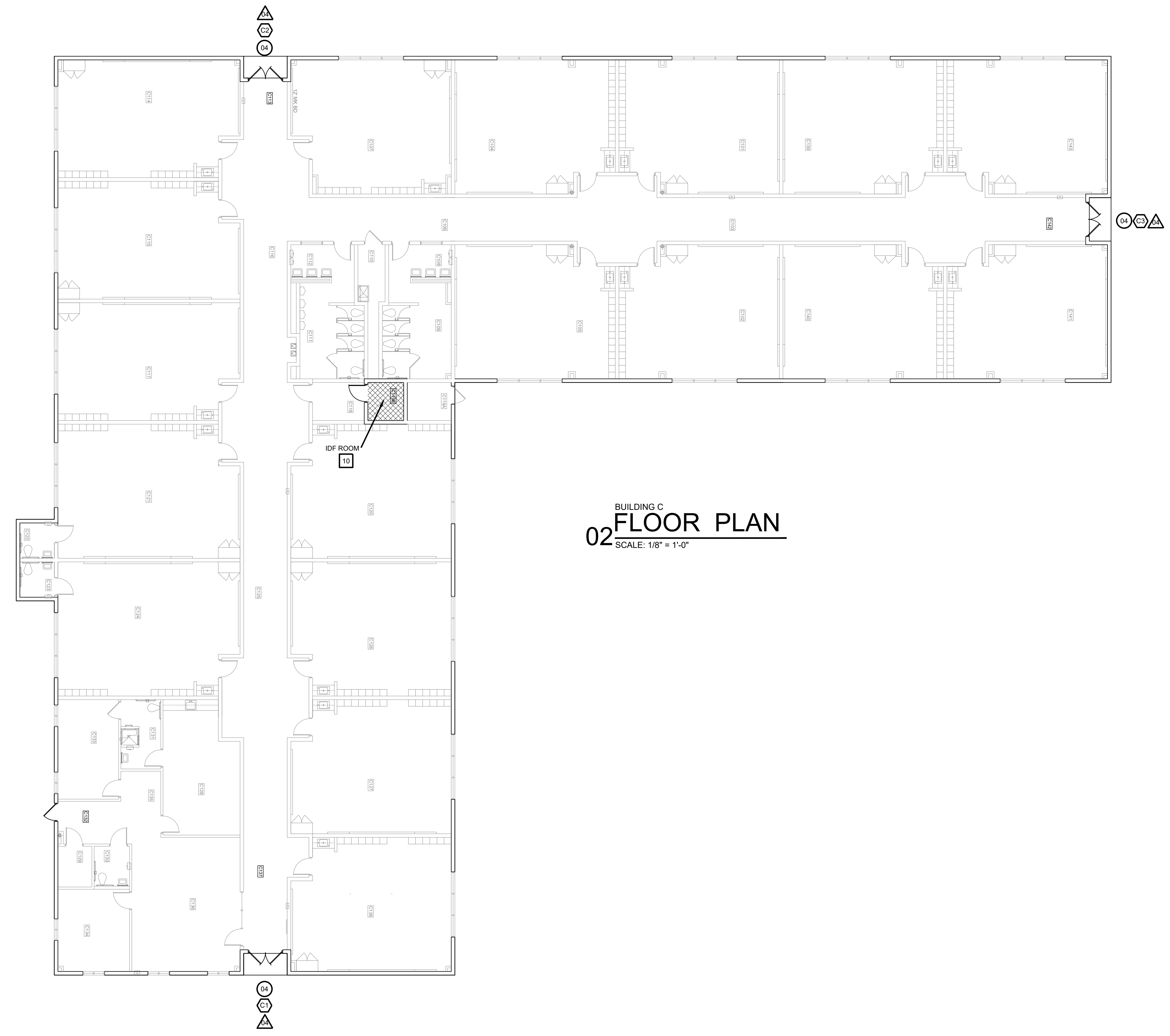
**SYMBOL LEGEND**

-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM

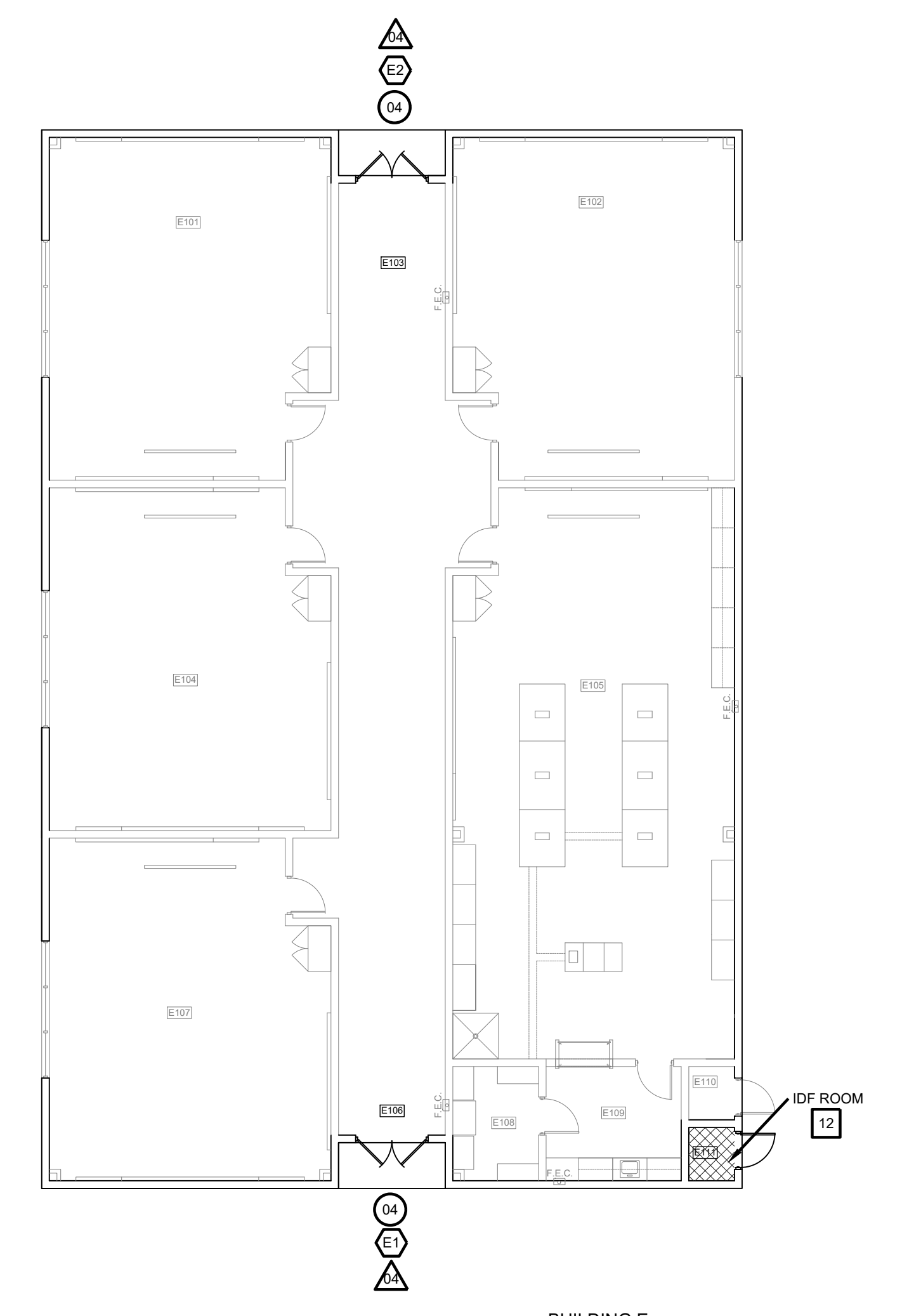
BUILDING B  
**01 FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



BUILDING D  
**03 FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



BUILDING C  
**02 FLOOR PLAN**  
SCALE: 1/8" = 1'-0"







BUILDING E  
**04 FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

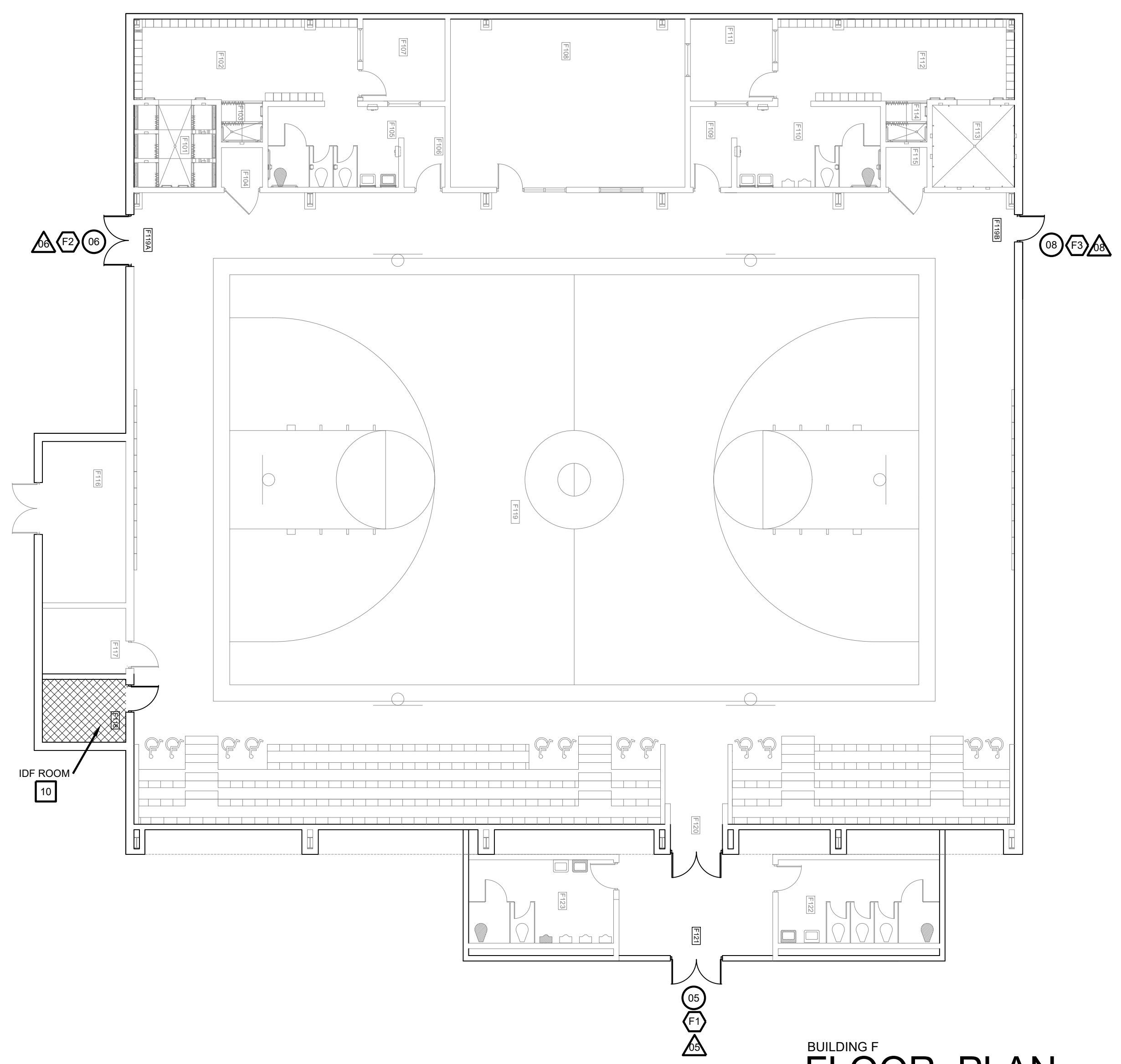
**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 DONNA, TEXAS



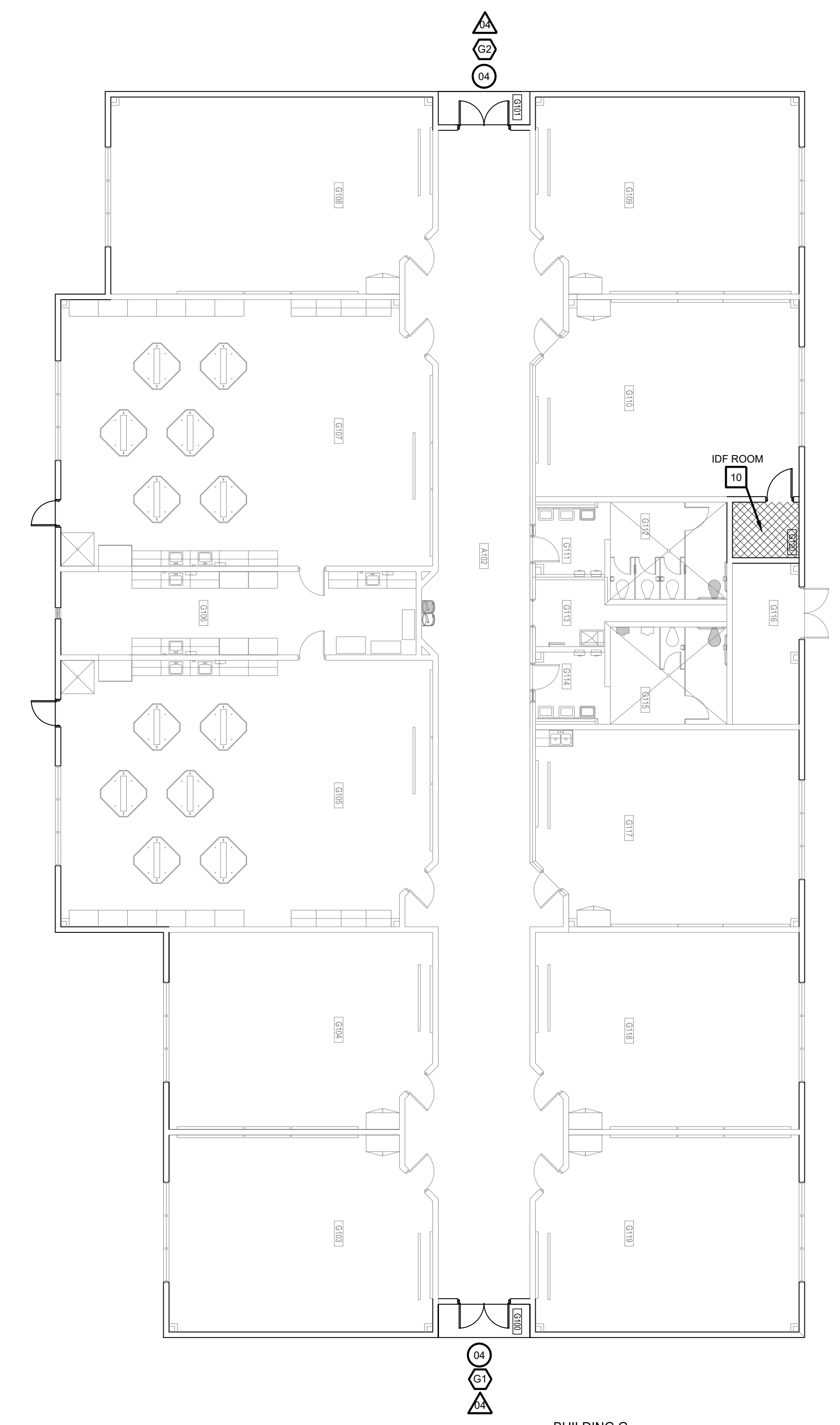
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 Interior Designers  
 Date: 01/2023  
 Scale: As Noted  
 Project Architect: Rolin Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

**SYMBOL LEGEND**

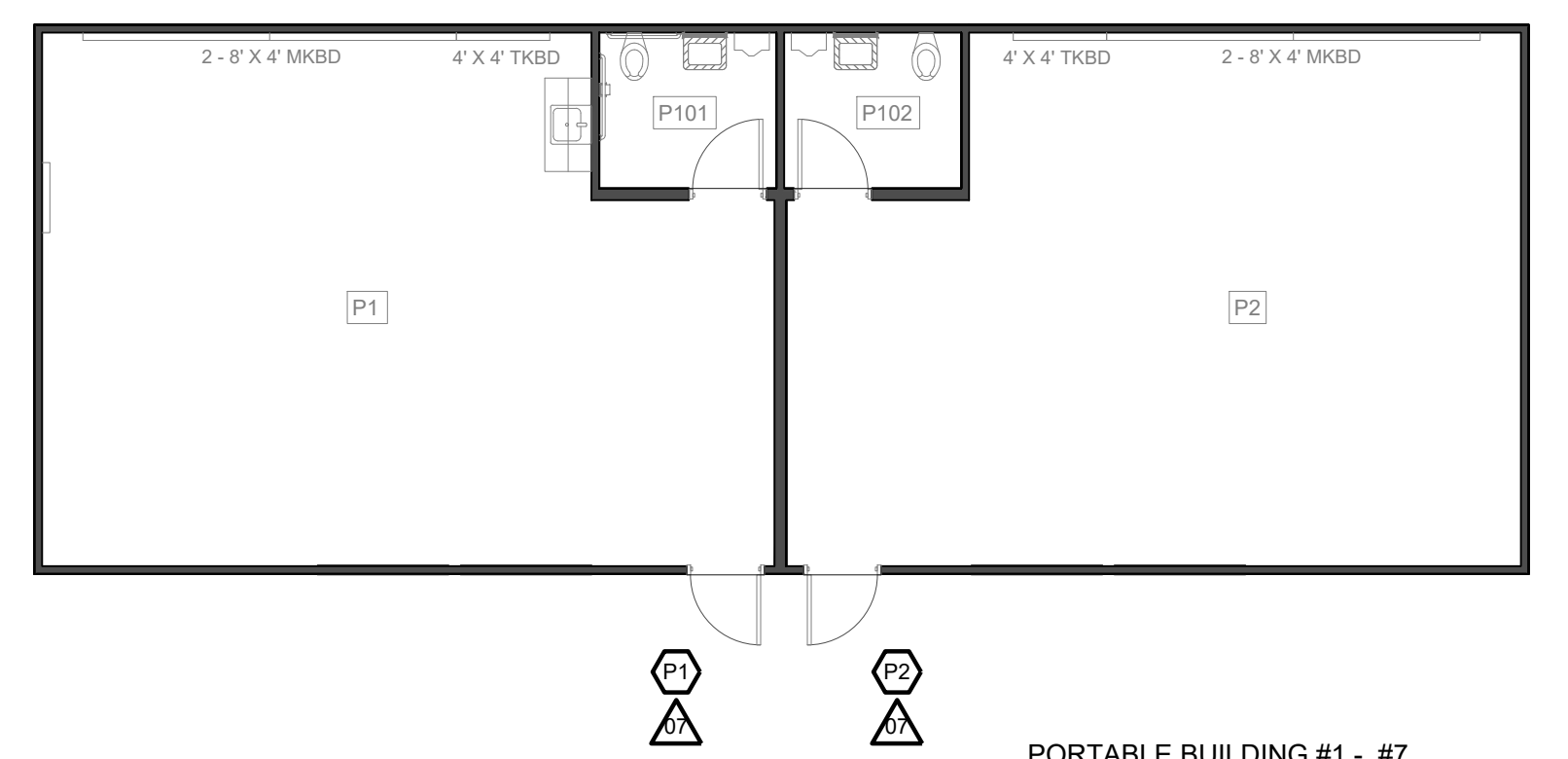
-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM



**BUILDING F  
01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



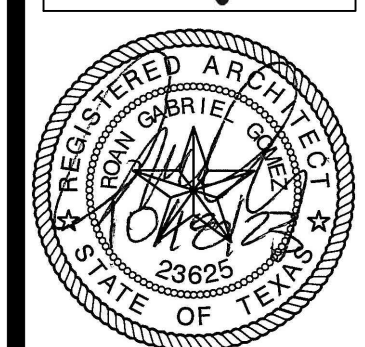
**BUILDING G  
02 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



**PORTABLE BUILDING #1 - #7  
03 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"  
 TYPICAL FOR SEVEN (7) PORTABLE BUILDINGS.

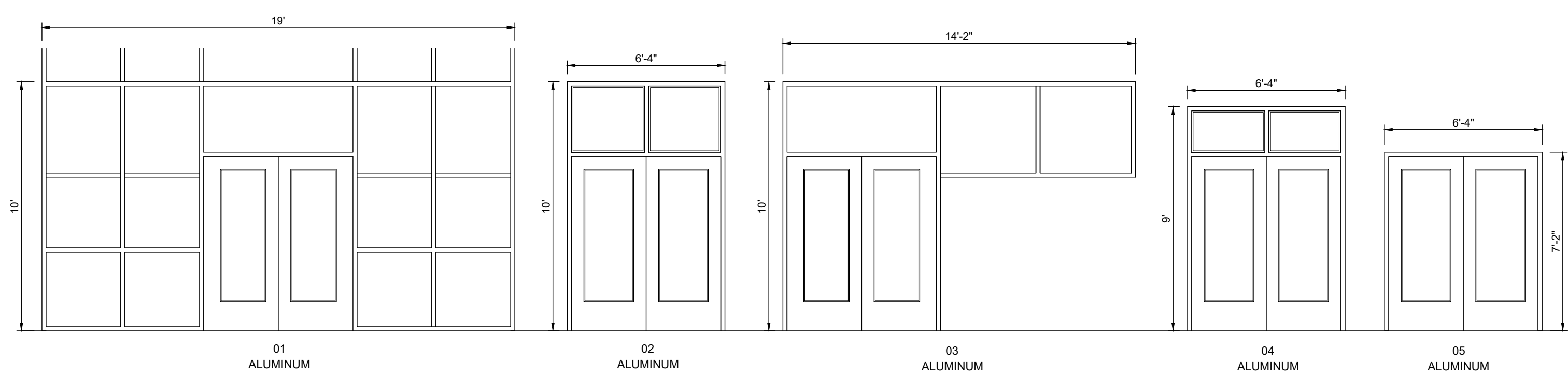
**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 DONNA, TEXAS

**IDEA**  
 Public Schools



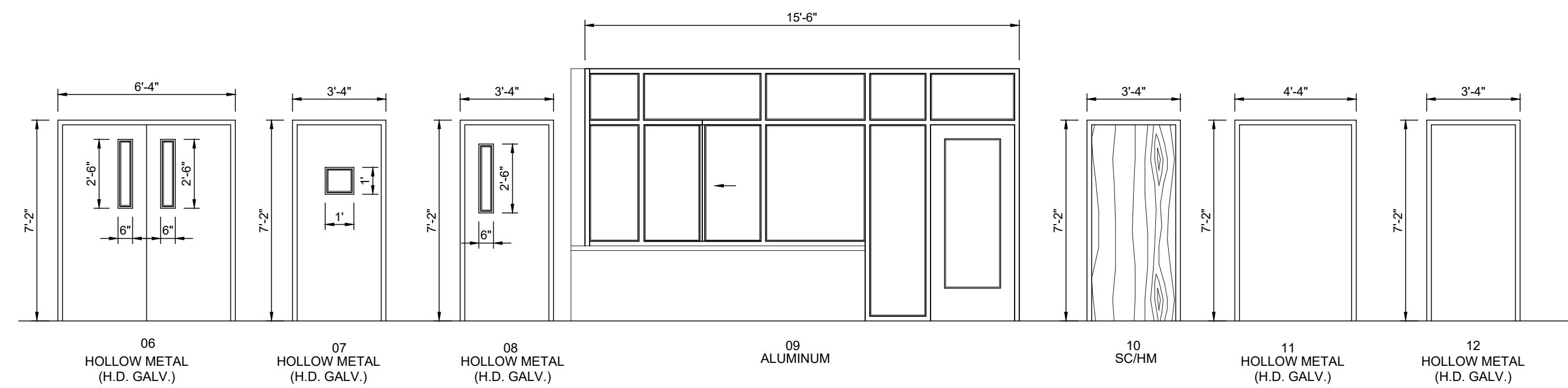
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 Architects-Planners  
 Interior Designers

Date: 01/2023  
 Scale: As Noted  
 Project Architect: Rolin Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

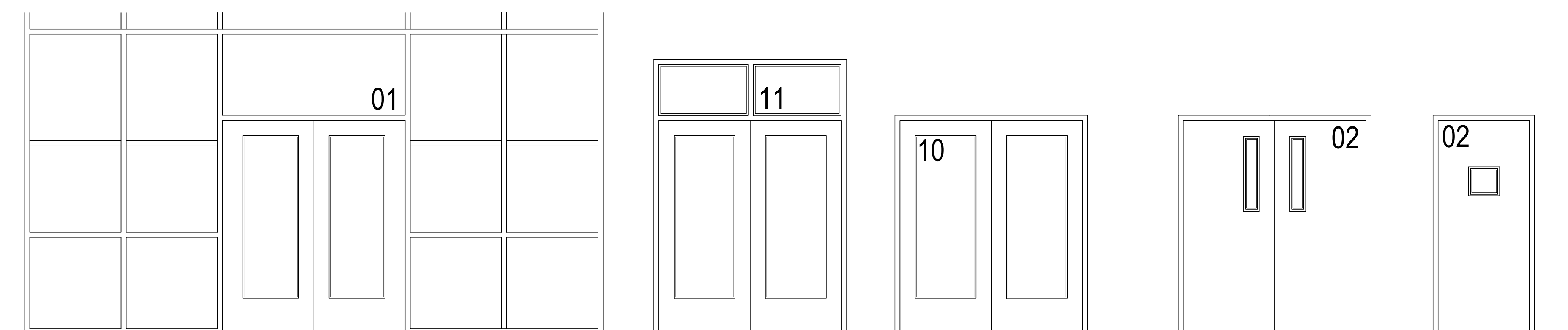


ACCESS CONTROL  
DOOR / FRAME ELEVATIONS

SCALE 1/4" = 1'-0"

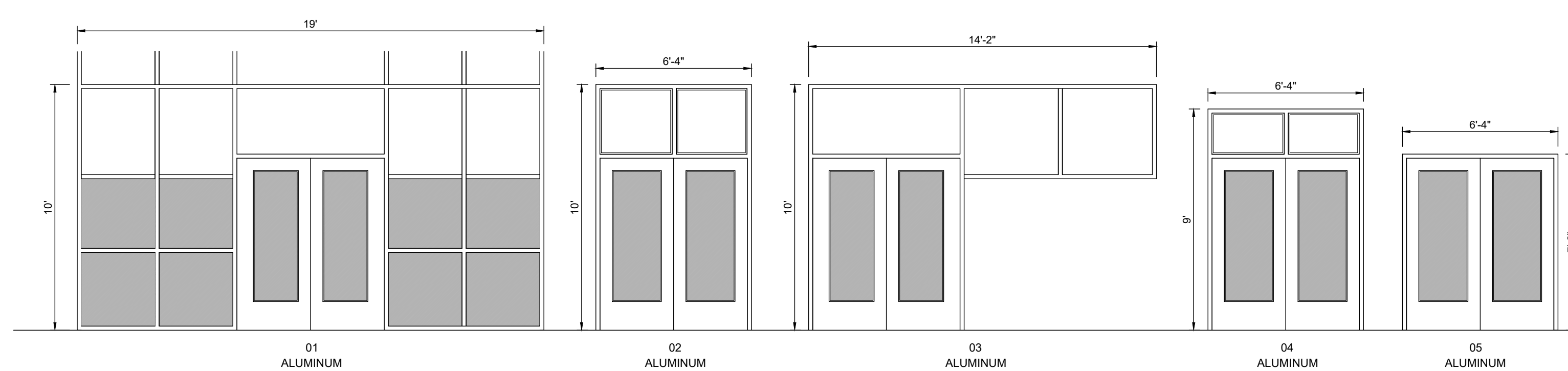


BLDG	DOOR NO.	DOOR				FRAME				HDWR	REMARKS
		MATL.	W	H	T	MATL.	W	H	T		
A101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	19'-0"	---	4 - 1/2"	A	
A125A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	10'-0"	4 - 1/2"	A	
A102A	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	14'-2"	10'-0"	4 - 1/2"	A	
A102B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	14'-2"	10'-0"	4 - 1/2"	A	
A103	11	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	D	
A102C	06	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
A102D	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
A125B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	10'-0"	4 - 1/2"	A	
A127	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	10'-0"	4 - 1/2"	A	
A118	10	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
A201	10	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
B100	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
B101	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
B102	10	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
C137	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
C113	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
C142	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
C119B	10	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
D100	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
D101	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
D102	10	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
E106	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
E103	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
E111	12	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	H	IDF ROOM
F121	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	14'-2"	10'-0"	4 - 1/2"	A	
F119A	06	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
F119B	08	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	E	
F118	10	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
G100	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
G101	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
G120	10	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM



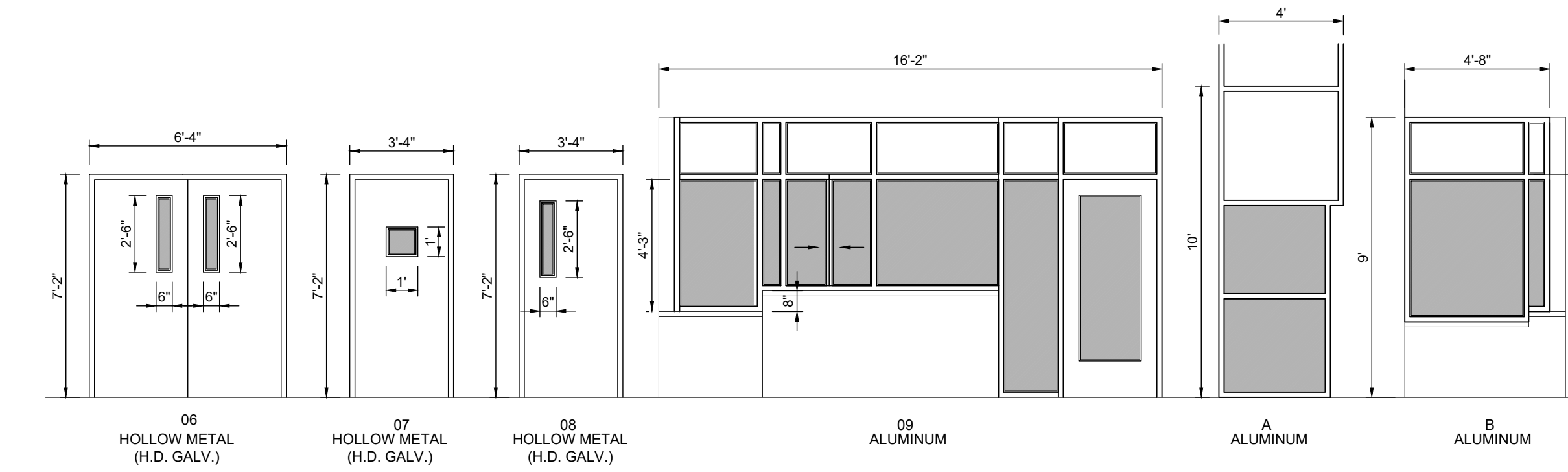
01 DOOR NUMBER LOCATION

ALL LETTERS SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.  
REFER TO A2.00 SERIES FOR DOOR LOCATIONS AND NUMBERING SEQUENCE  
ACCESS DOOR NUMBERING (XX)

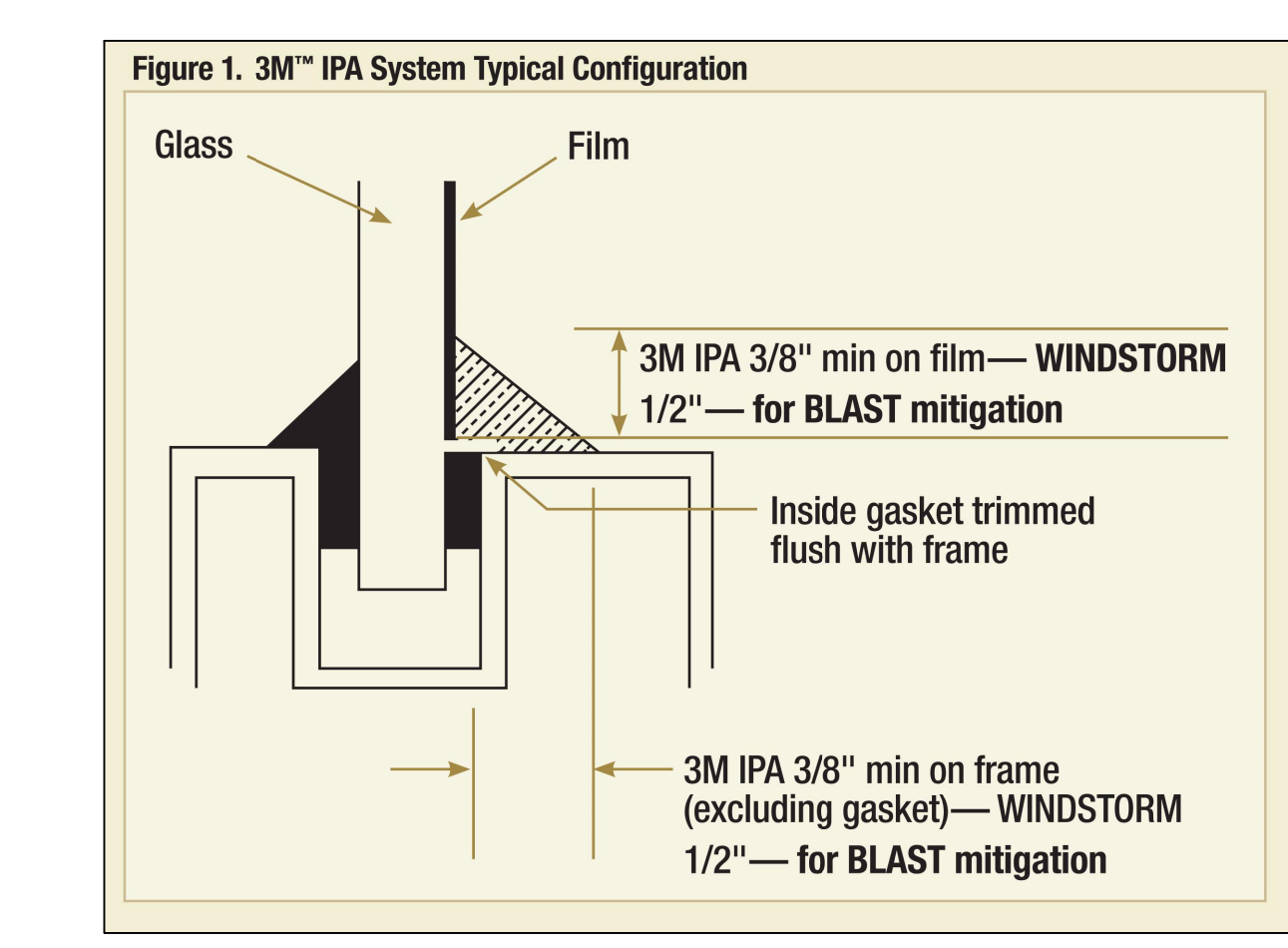


SECURITY FILM  
DOOR / FRAME ELEVATIONS

SCALE 1/4" = 1'-0"



BLDG	FRAME NO.	DOOR				FRAME				REMARKS
		MATL.	W	H	T	MATL.	W	H	T	
A101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	19'-0"	---	4 - 1/2"	
A125A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	10'-0"	4 - 1/2"	
A102A	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	14'-2"	10'-0"	4 - 1/2"	
A102B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	14'-2"	10'-0"	4 - 1/2"	
A102C	06	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	
A102D	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	
A125B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	10'-0"	4 - 1/2"	
A127	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	10'-0"	4 - 1/2"	
A101B	09	ALUM.	3'-0"	7'-0"	1 3/4"	ALUM.	15'-8"	9'-0"	4 - 1/2"	
A101C	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
A101A	A					ALUM.	4'-0"	10'-0"	4 - 1/2"	
A101A	B					ALUM.	4'-8"	9'-0"	4 - 1/2"	
B100	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
B101	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
C137	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
C113	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
C142	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
D100	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	
D101	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	
E106	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
E103	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
F121	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	14'-2"	10'-0"	4 - 1/2"	
F119A	06	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	
F119B	08	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
G100	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
G101	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
P4 - 1	07	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
P4 - 2	07	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
PS - 1	07	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
PS - 2	07	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	

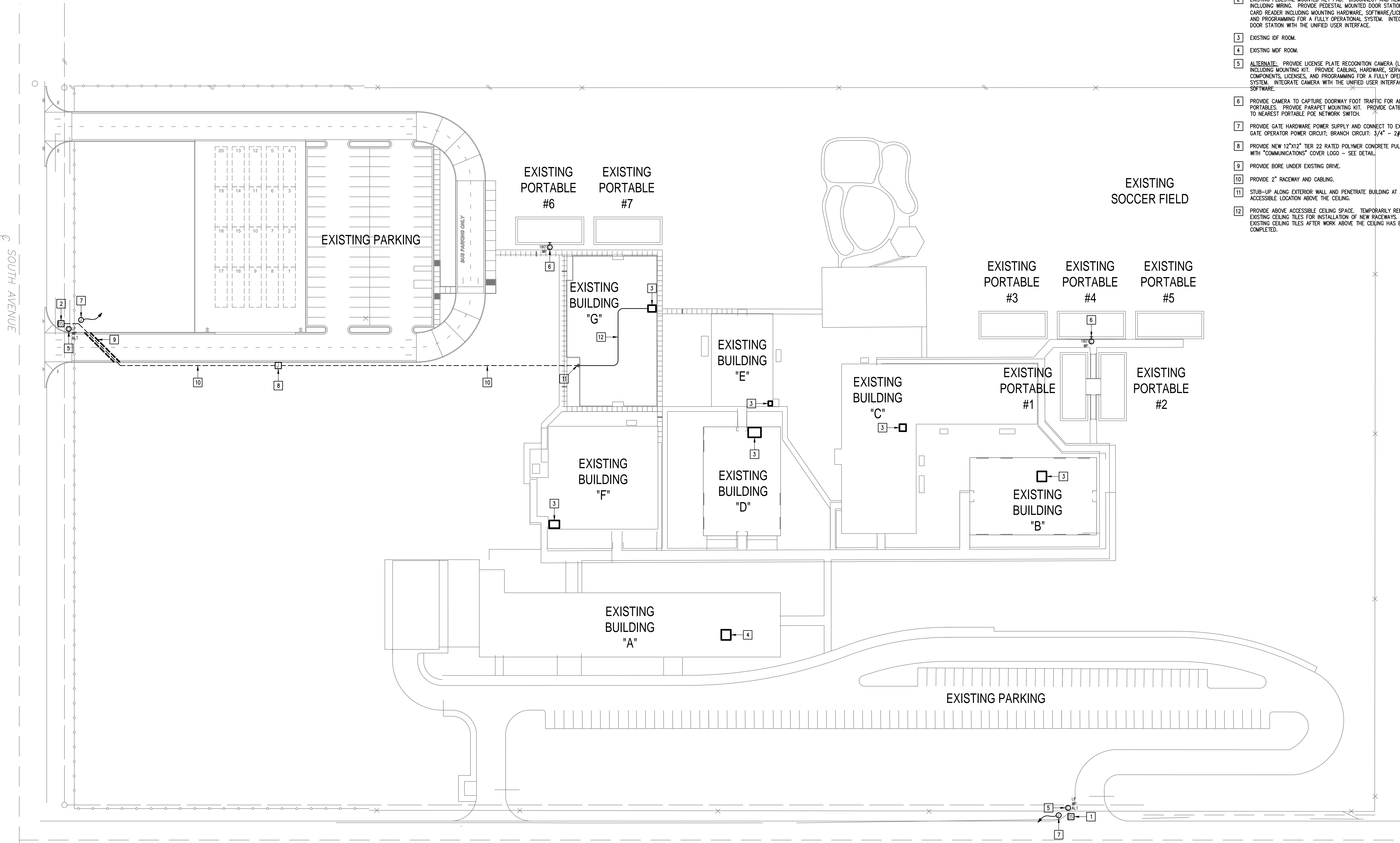


02 FILM DETAIL

NOT TO SCALE

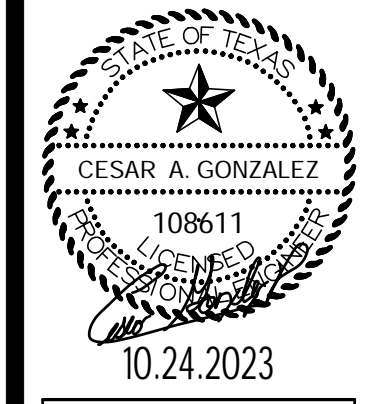
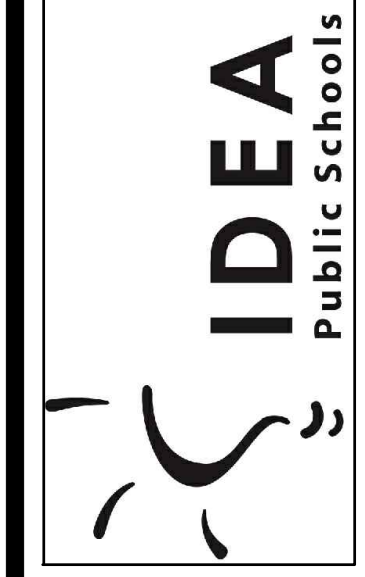


- KEYED NOTES:**
- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 2 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 3 EXISTING IDF ROOM.
  - 4 EXISTING MDF ROOM.
  - 5 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
  - 6 PROVIDE CAMERA TO CAPTURE DOORWAY FOOT TRAFFIC FOR ALL PORTABLES. PROVIDE PARAPET MOUNTING KIT. PROVIDE CAT6 CABLE TO NEAREST PORTABLE POE NETWORK SWITCH.
  - 7 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
  - 8 PROVIDE NEW 12"x12" TIER 22 RATED POLYMER CONCRETE PULL BOX WITH "COMMUNICATIONS" COVER LOGO - SEE DETAIL.
  - 9 PROVIDE BORE UNDER EXISTING DRIVE.
  - 10 PROVIDE 2" RACEWAY AND CABLING.
  - 11 STUB-UP ALONG EXTERIOR WALL AND PENETRATE BUILDING AT AN ACCESSIBLE LOCATION ABOVE THE CEILING.
  - 12 PROVIDE ABOVE ACCESSIBLE CEILING SPACE. TEMPORARILY REMOVE EXISTING CEILING TILES FOR INSTALLATION OF NEW RACEWAYS. REINSTALL EXISTING CEILING TILES AFTER WORK ABOVE THE CEILING HAS BEEN COMPLETED.



IDEA DONNA  
 TECHNOLOGY PLAN (SITE PLAN)  
 01 SCALE 1/4" = 40'-0"

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 DONNA, TEXAS



10.24.2023  
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 Gomez Mendez Saenz Inc.  
 Architects-Planners  
 Interior Designers

Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:

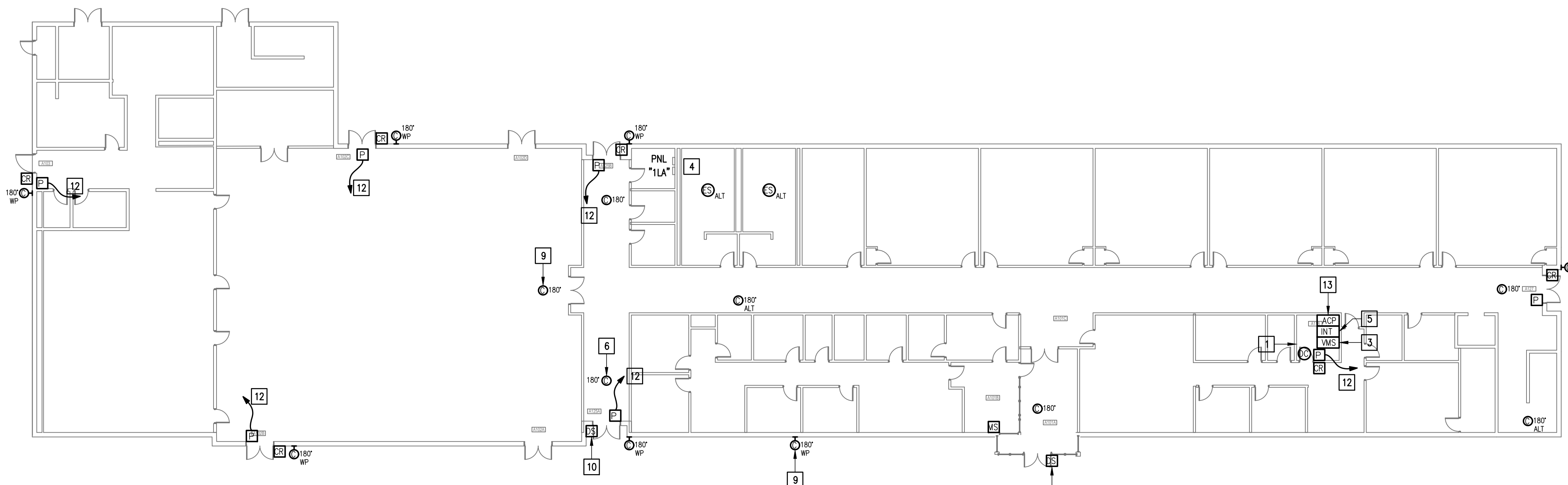


E1.01

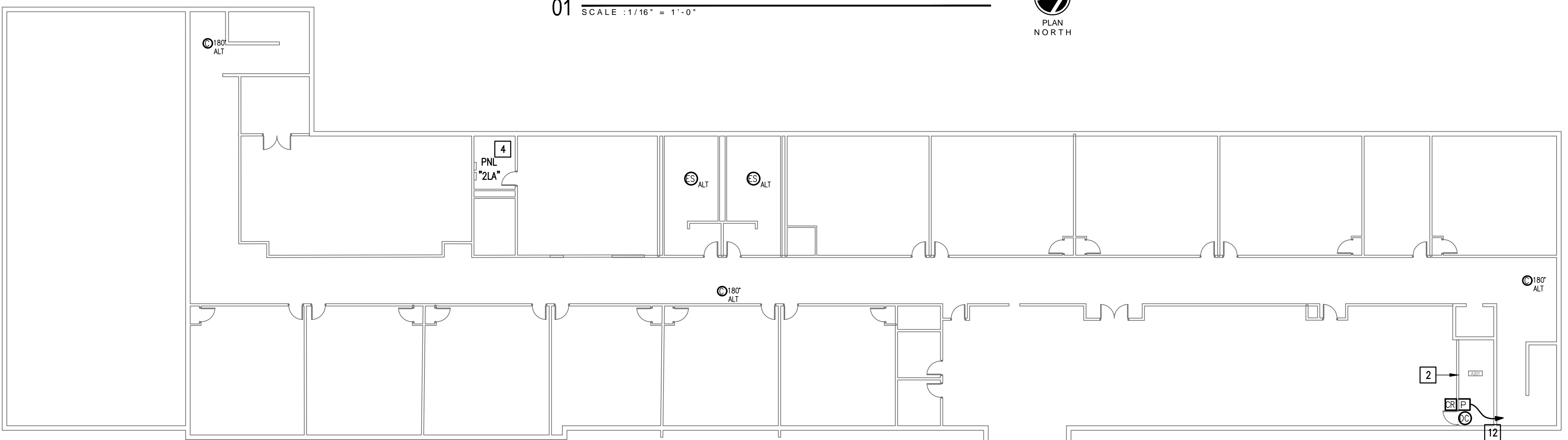


No.	REVISIONS	BY

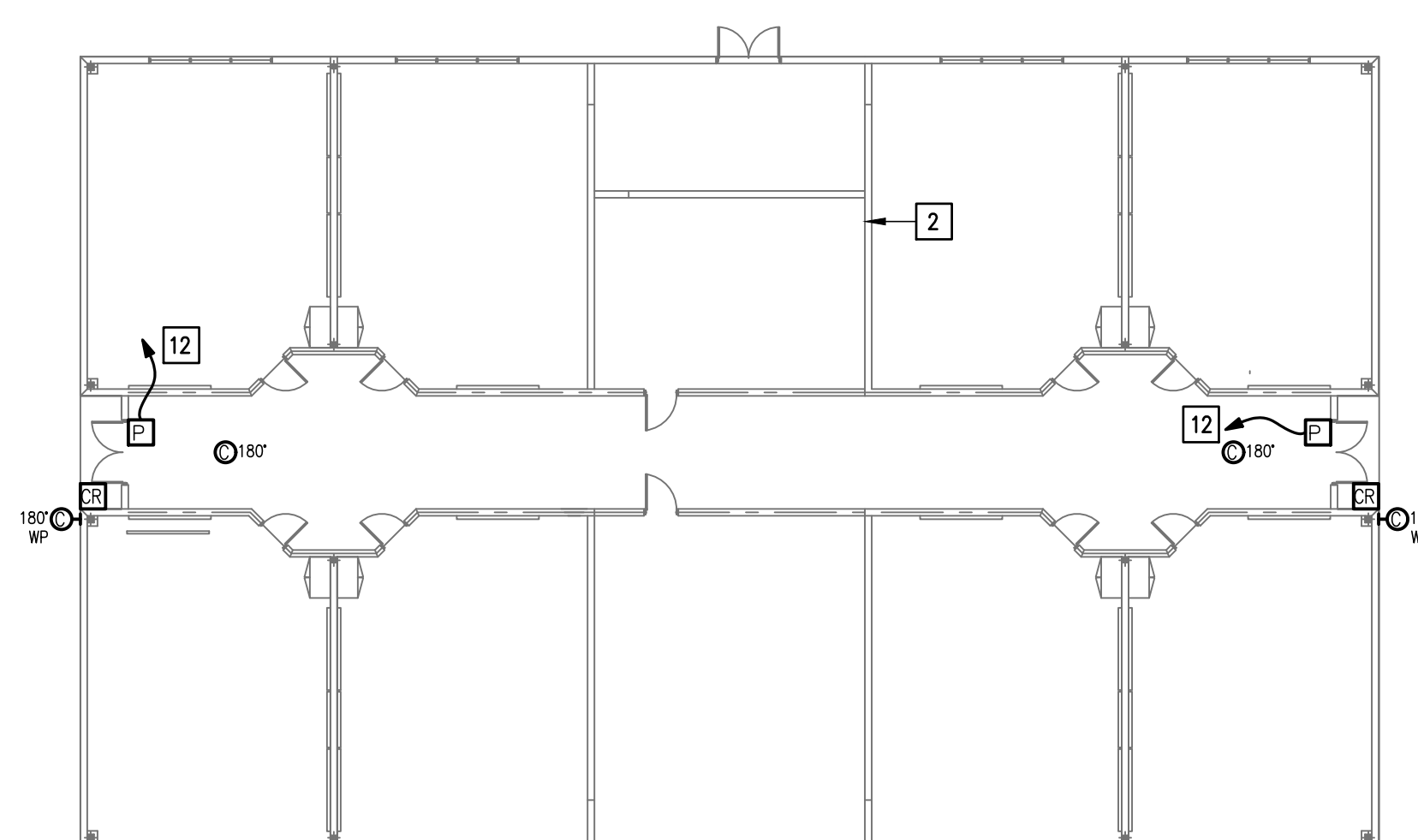
GMS ARCHITECTS  
 1150 Paredes Lane Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196



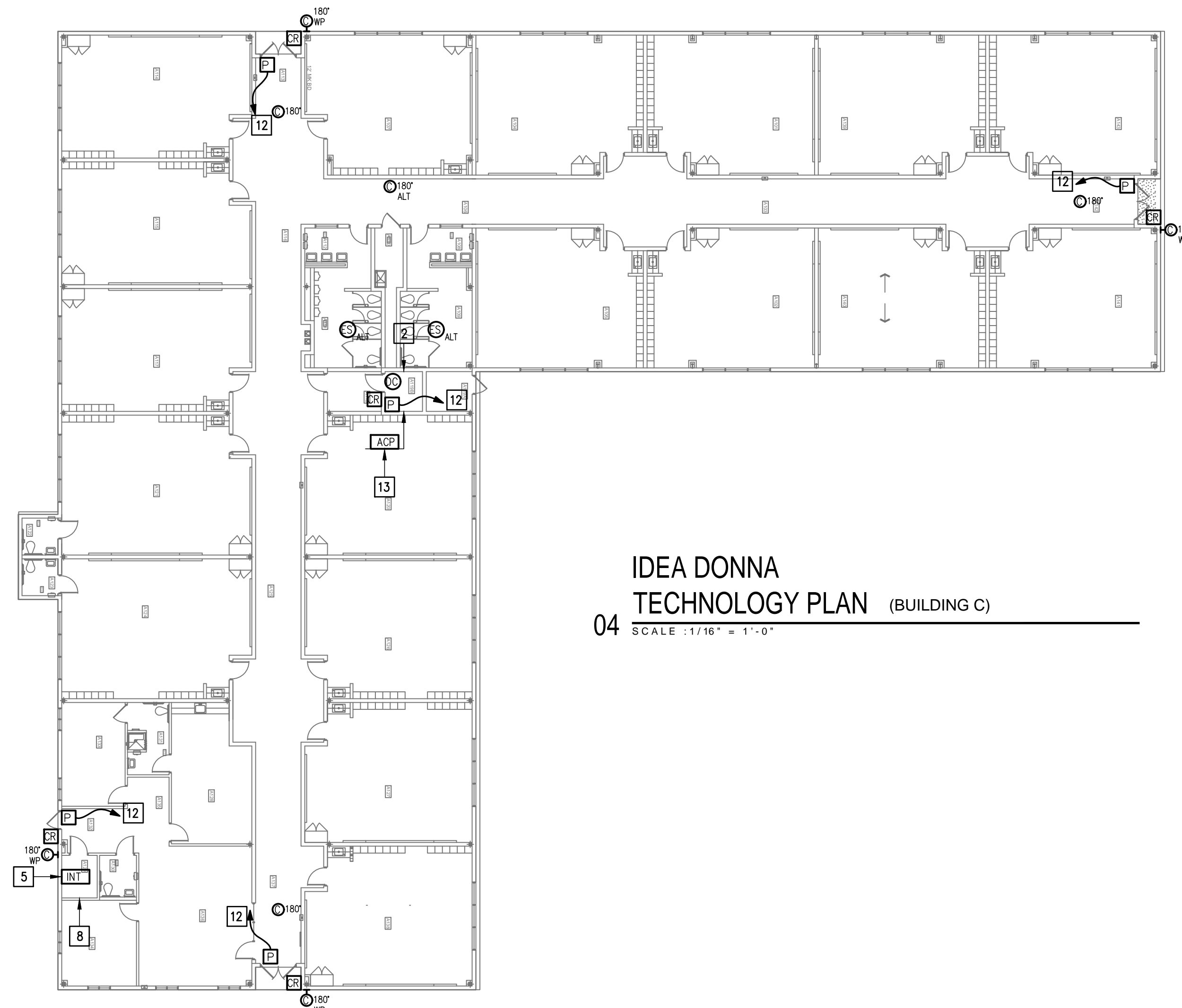
01 **IDEA DONNA TECHNOLOGY PLAN (BUILDING A - FIRST FLOOR)**  
 SCALE : 1/16" = 1'-0"



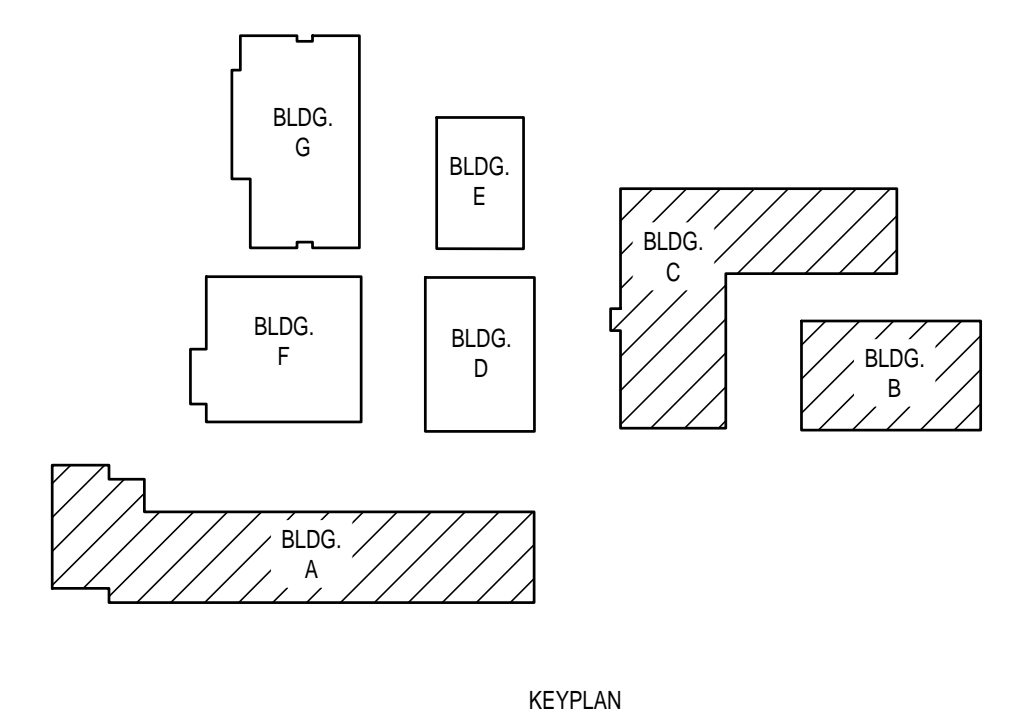
02 **IDEA DONNA TECHNOLOGY PLAN (BUILDING A - SECOND FLOOR)**  
 SCALE : 1/16" = 1'-0"



03 **IDEA DONNA TECHNOLOGY PLAN (BUILDING B)**  
 SCALE : 1/16" = 1'-0"



04 **IDEA DONNA TECHNOLOGY PLAN (BUILDING C)**  
 SCALE : 1/16" = 1'-0"



**GENERAL NOTES:**

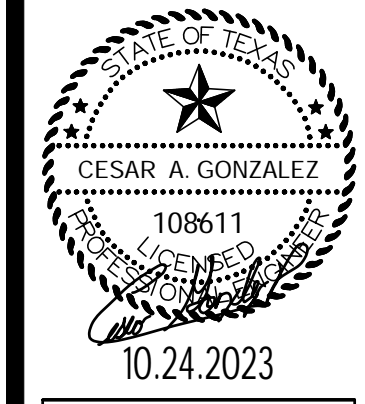
- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREWOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- EXISTING INTRUSION DETECTION SYSTEM PANEL MODEL BOSCH.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING KEYPAD. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE.
- EXISTING DOOR STATION. DISCONNECT REMOVE AND REPLACE.
- EXISTING CARD READER. DISCONNECT REMOVE AND REPLACE.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 DONNA, TEXAS

IDEA Public Schools



10.24.2023  
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 Gomez Mendez-Sanchez Inc.  
 Architects-Planners  
 Interior Designers

Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:

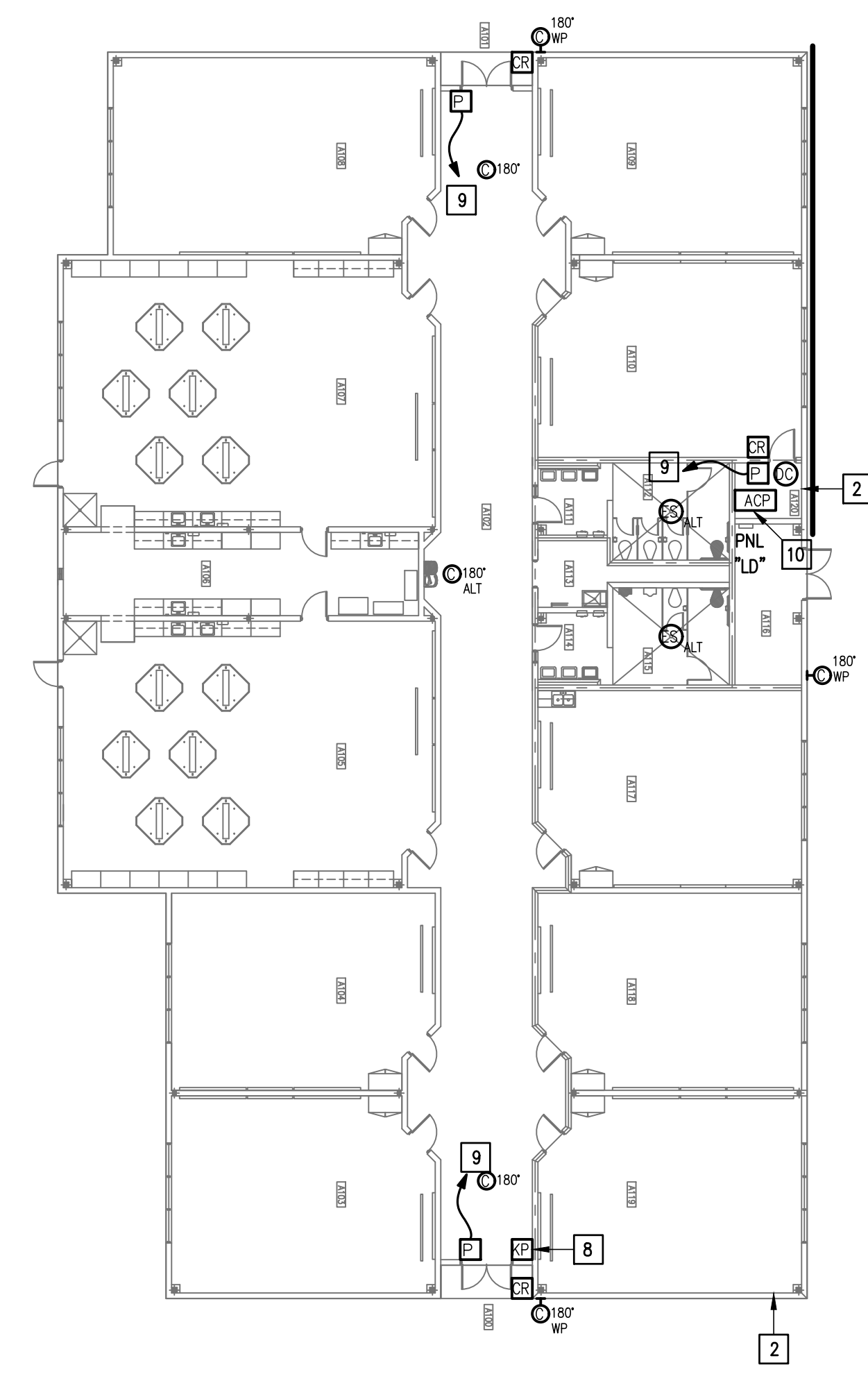


**GENERAL NOTES:**

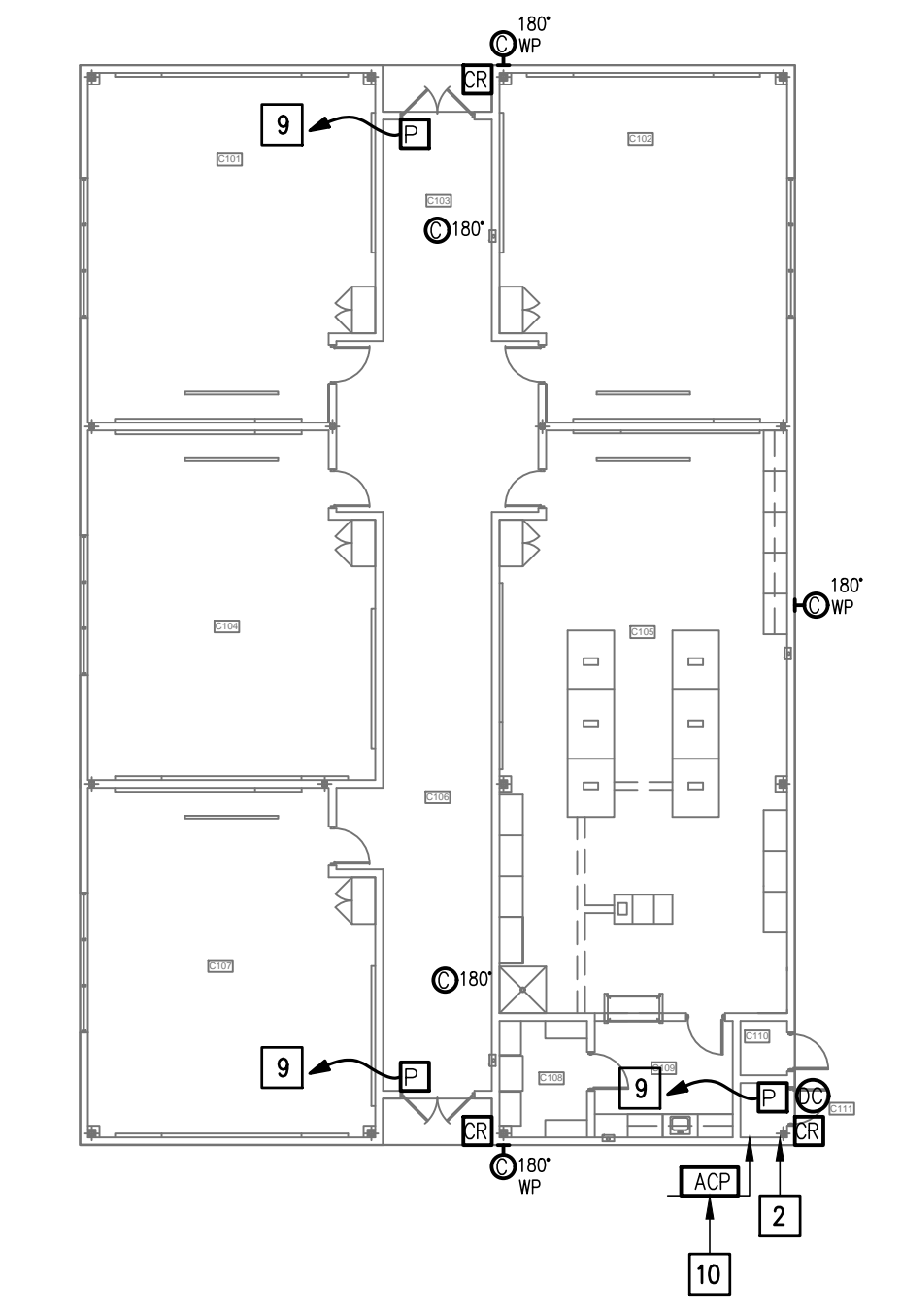
- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

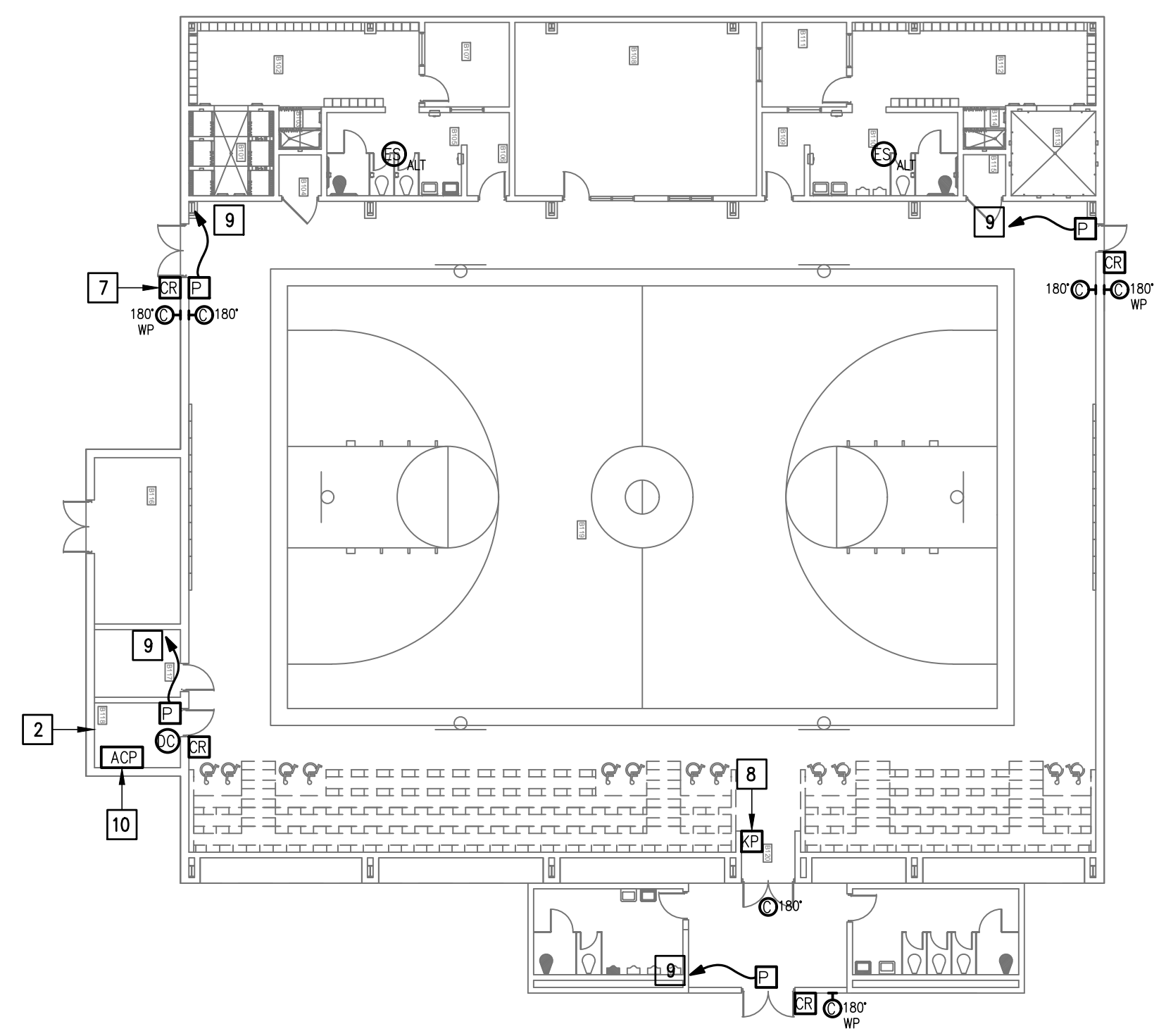
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- NOT USED
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- EXISTING INTRUSION DETECTION SYSTEM PANEL MODEL BOSCH.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING CARD READER. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING KEYPAD. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



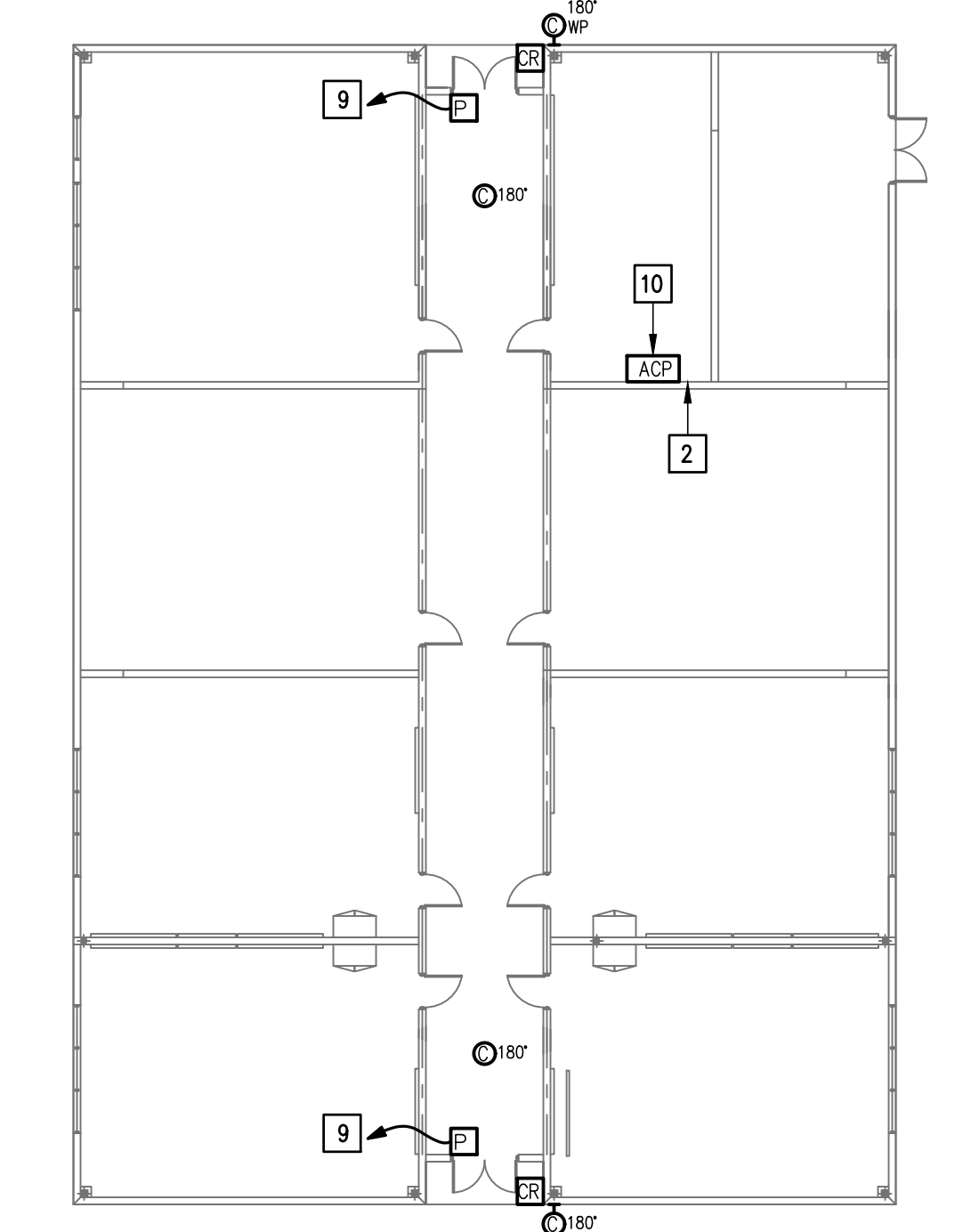
01 IDEA DONNA TECHNOLOGY PLAN (BUILDING G)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



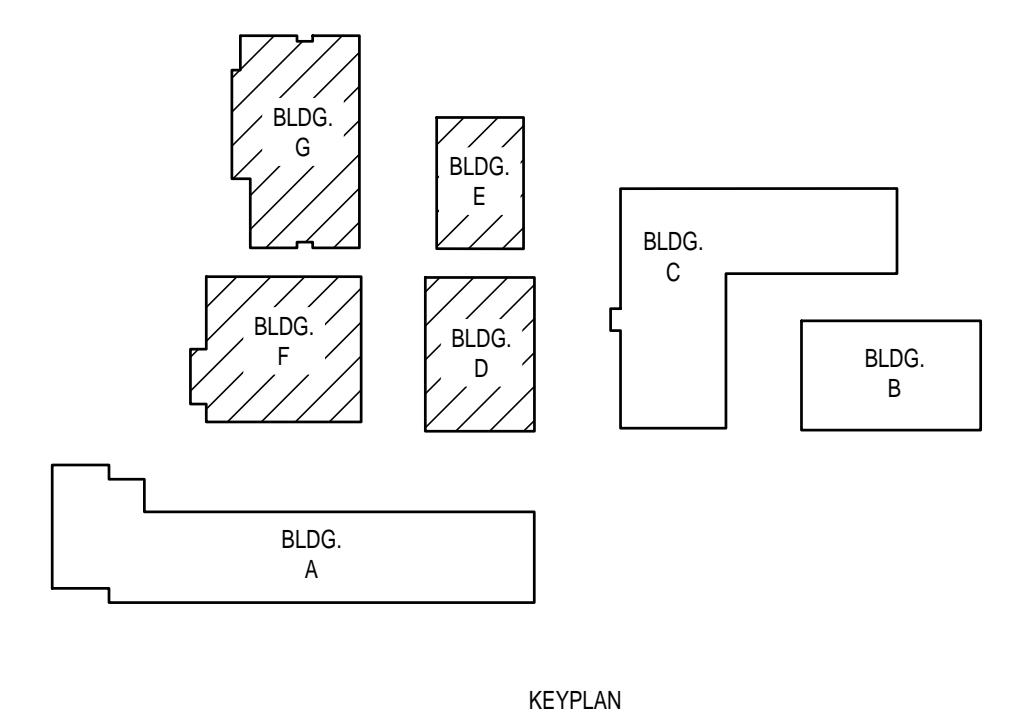
02 IDEA DONNA TECHNOLOGY PLAN (BUILDING E)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



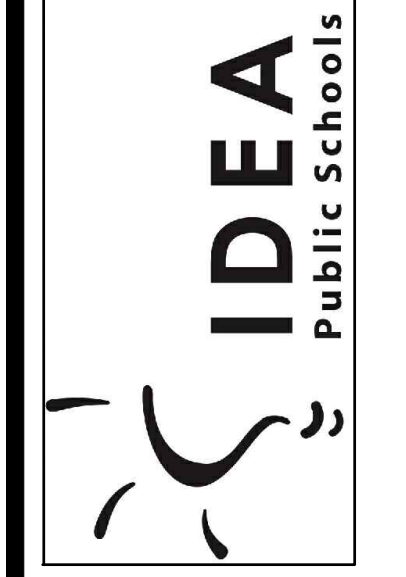
03 IDEA DONNA TECHNOLOGY PLAN (BUILDING F)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



04 IDEA DONNA TECHNOLOGY PLAN (BUILDING D)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH

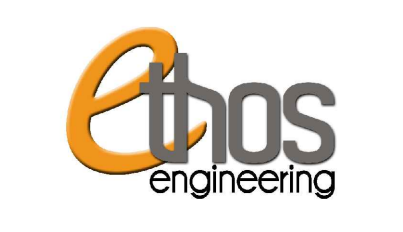


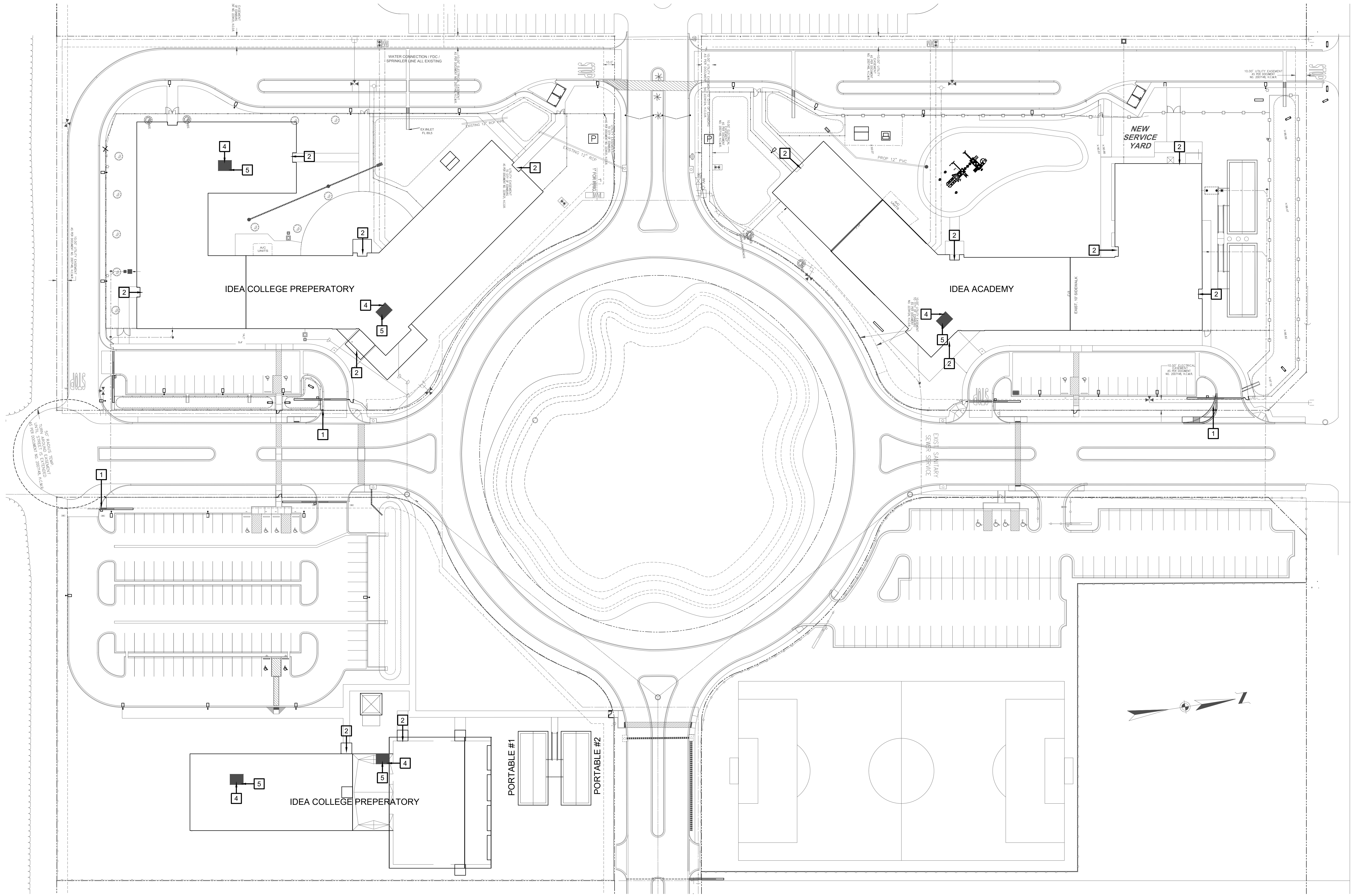
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 SECURITY IMPROVEMENTS  
 DONNA, TEXAS



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 Interior Designers

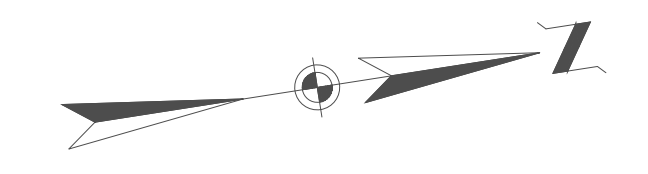
Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:





- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS (BY OTHERS)
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER

01 **SITEPLAN W/ IMPROVEMENTS**  
SCALE: 1" = 40'-0"



No.	REVISIONS	BY

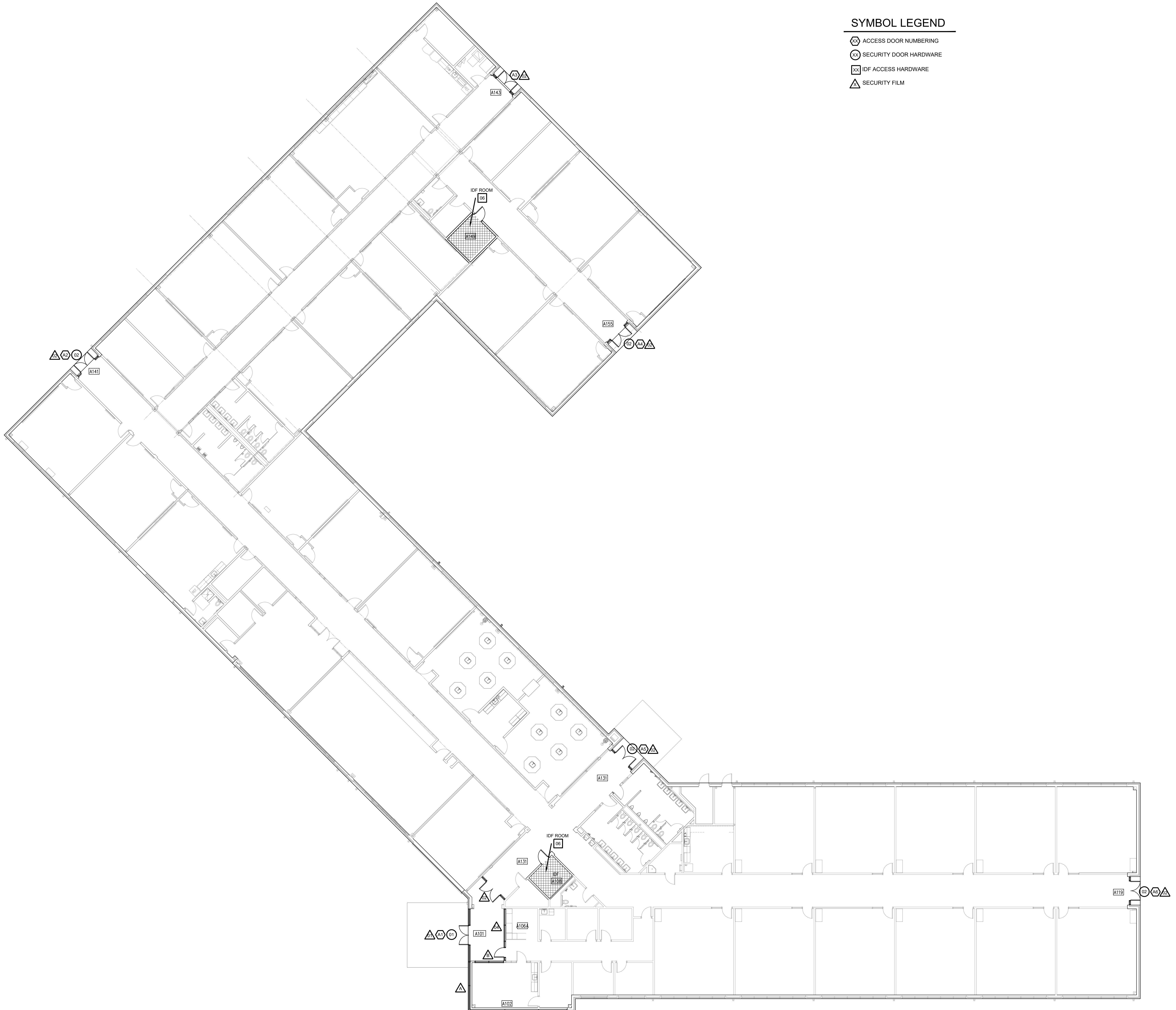
**GMS ARCHITECTS**  
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Brownsville TX 78526  
(956) 546-0110  
fax (956) 546-0196

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Project Architect: Roan Gomez, AIA  
Drawn By: CG, IO, JA  
Job No: IDEA SECURITY  
Sheet:

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**SYMBOL LEGEND**

-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM

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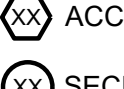



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 Project Architect: Rolin Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

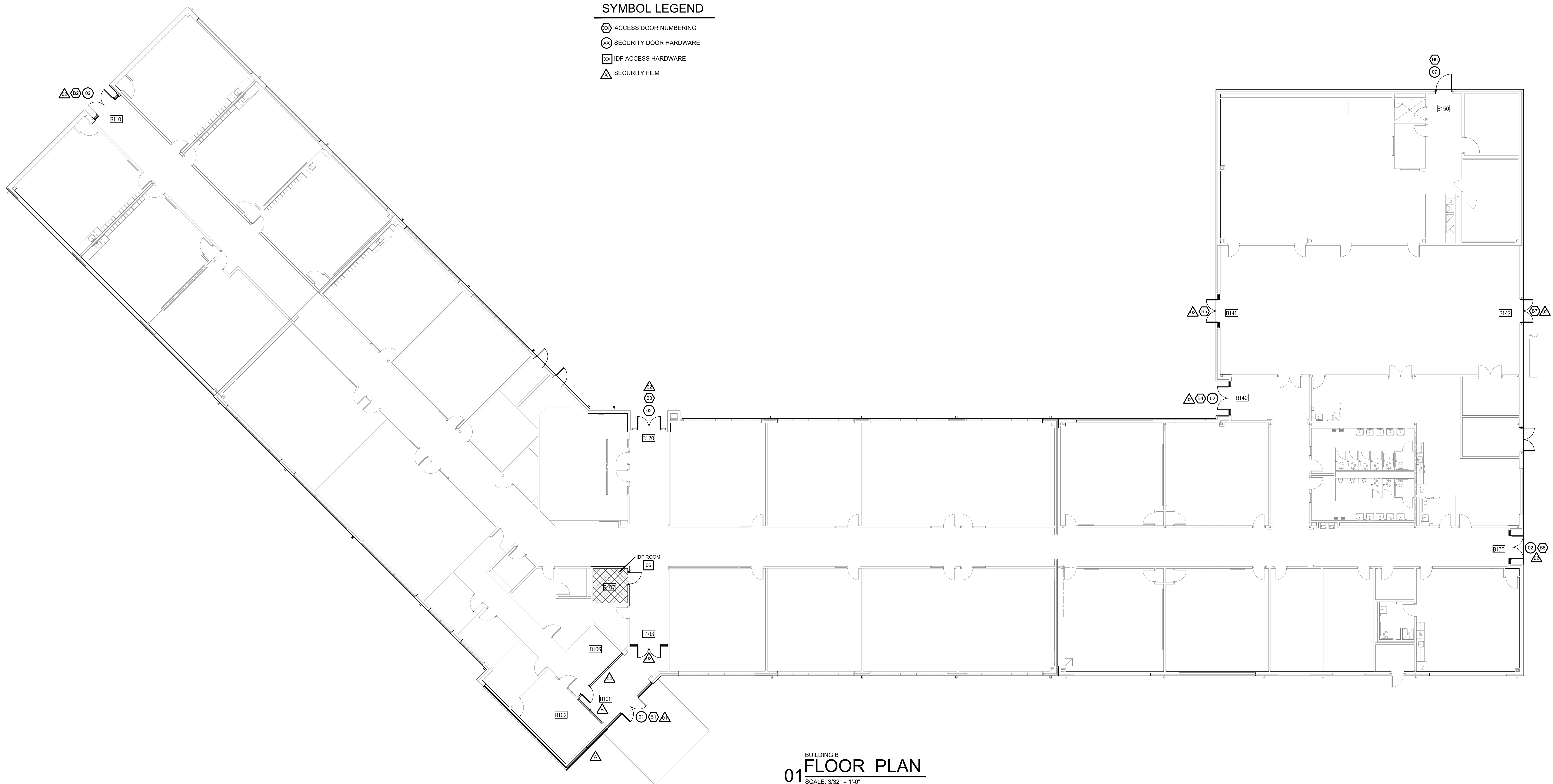
BUILDING A  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

**IDEA EDINBURG**

**A2.01**

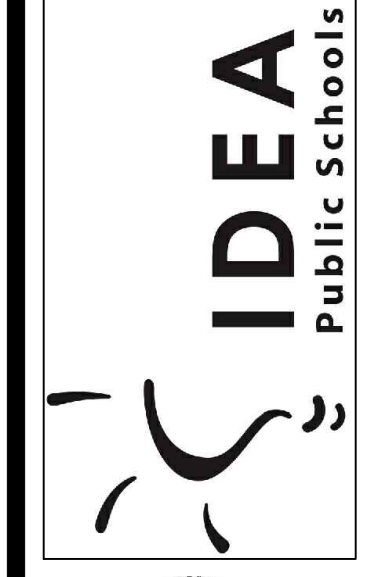
**SYMBOL LEGEND**

-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM



BUILDING B  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"





**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 EDINBURG, TEXAS

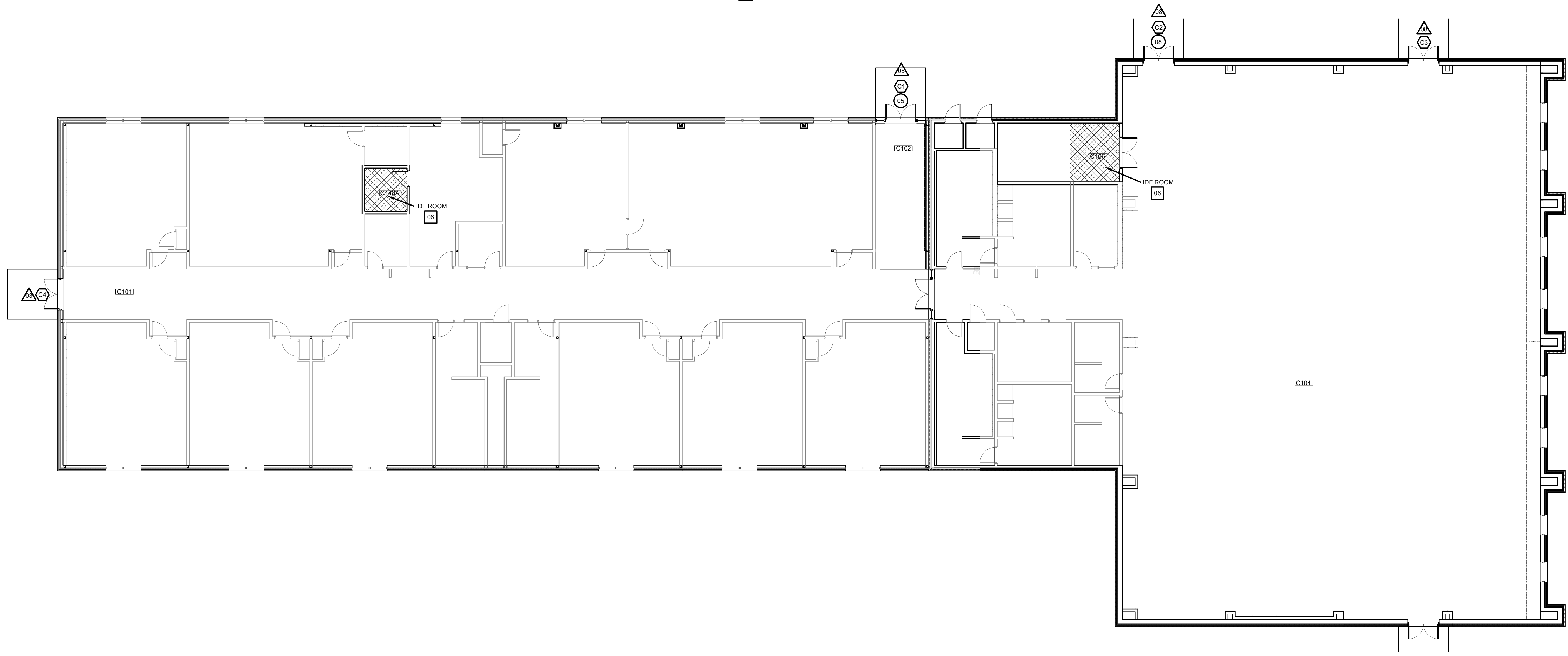


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 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

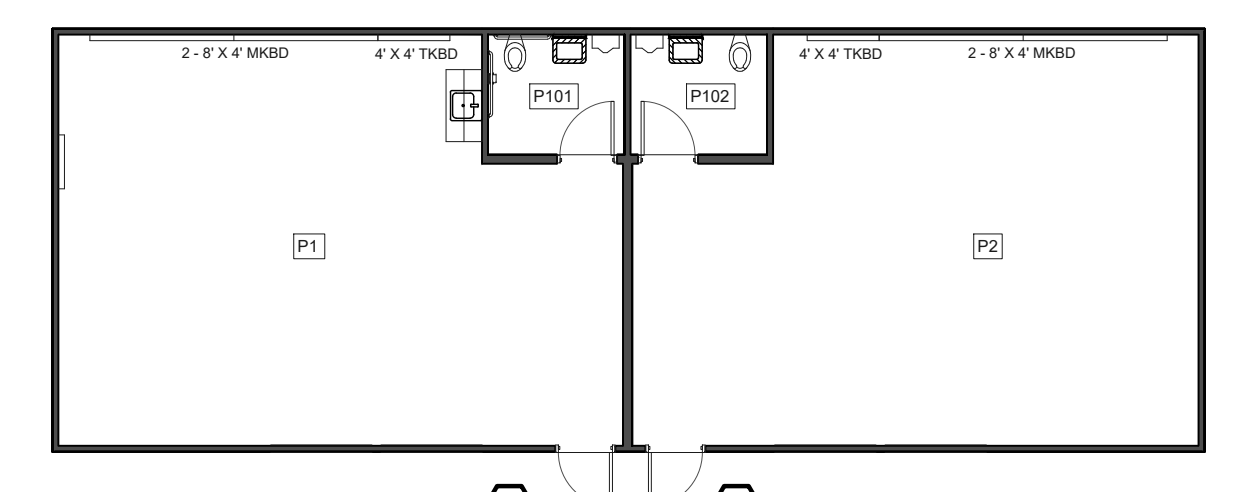
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**SYMBOL LEGEND**

-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM

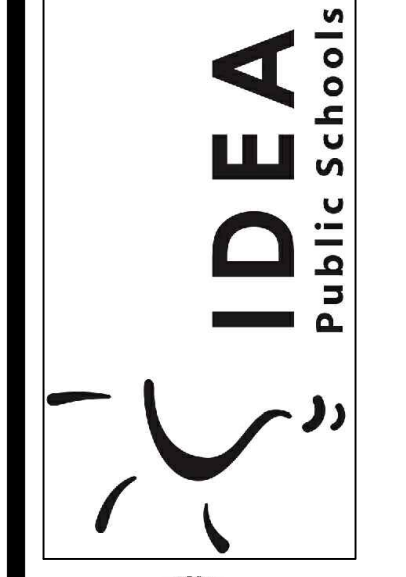


BUILDING C  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

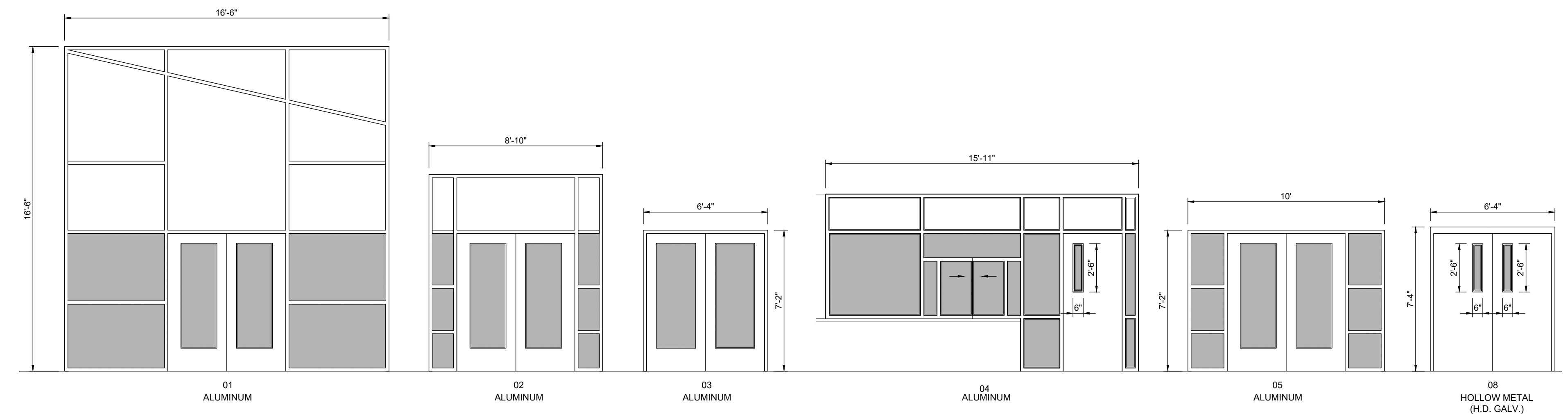
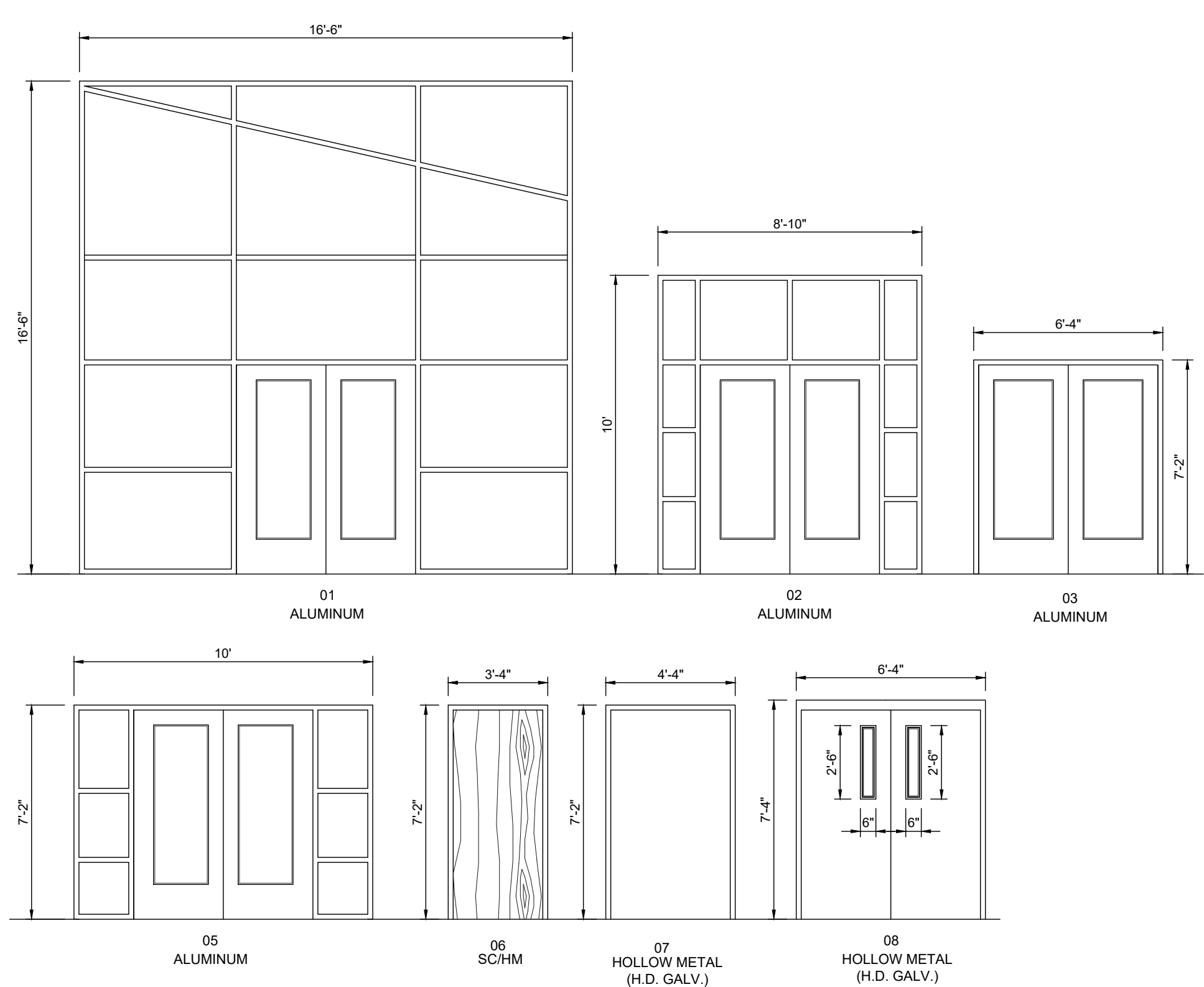


PORTABLE BUILDING #1 - #2  
**02 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"  
 TYPICAL FOR TWO (2) PORTABLE BUILDINGS.

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 Job No: IDEA SECURITY  
 Sheet:

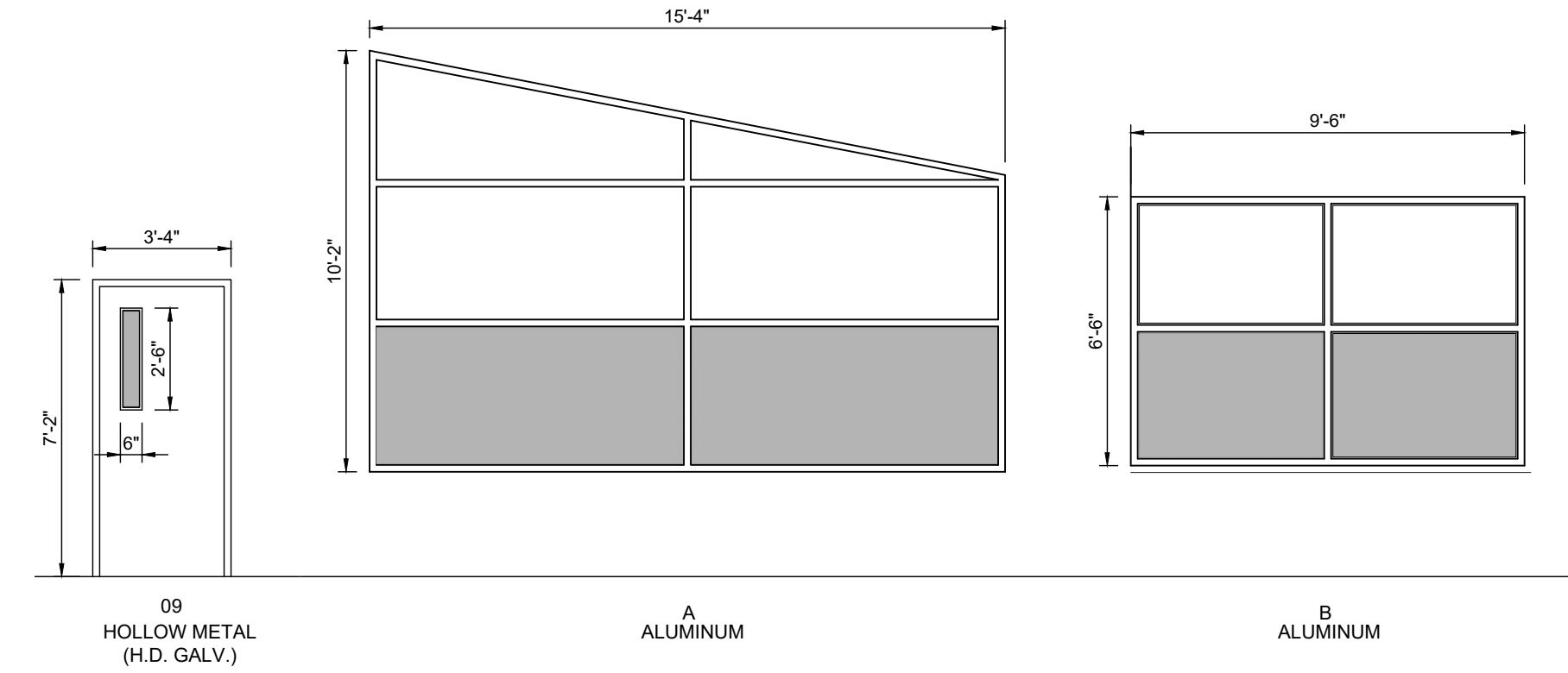


SECURITY FILM  
 DOOR / FRAME ELEVATIONS

SCALE 1/4" = 1'-0"

ACCESS CONTROL - DOOR SCHEDULE

BLDG	DOOR NO.	DOOR				FRAME				HDWR	REMARKS
		MATL.	W	H	T	MATL.	W	H	T		
A101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	16'-6"	16'-6"	4 -1/2"	A	
A106A											NOT IN SCOPE
A131A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	A	NOT IN SCOPE
A143											NOT IN SCOPE
A155	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	A	
A131B	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	A	
A119	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	A	
A108	06	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
A149	06	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
B100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	16'-6"	16'-6"	4 -1/2"	A	
B110	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	A	
B120	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	A	
B140	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	A	
B141											NOT IN SCOPE
B150	07	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	D	NOT IN SCOPE
B142	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	A	
B130	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	A	
B107	06	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
C102	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	7'-2"	4 -1/2"	A	
C104	08	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
C104											NOT IN SCOPE
C101											NOT IN SCOPE
C106	09	SC	3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	5-3/4"	G	IDF ROOM
C148A	06	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM



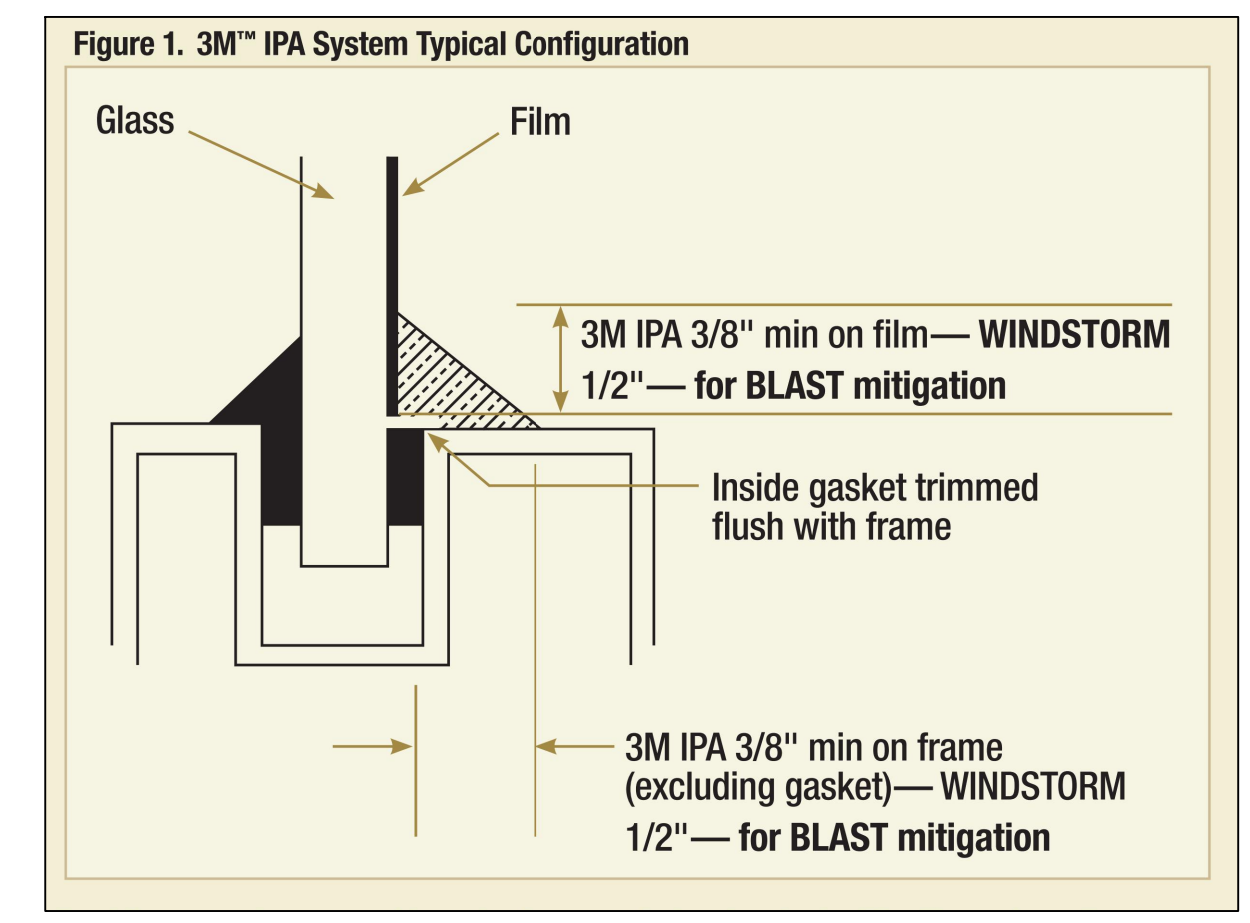
WINDOW FILM - DOOR / WINDOW SCHEDULE

BLDG	FRAME NO.	DOOR				FRAME				REMARKS
		MATL.	W	H	T	MATL.	W	H	T	
A101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	16'-6"	16'-6"	4 -1/2"	
A106A	04	ALUM.	3'-0"	7'-0"	1 3/4"	ALUM.	15'-11"	9'-0"	4 -1/2"	
A131A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
A141	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
A143	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
A155	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
A131B	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
A119	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
A102	A					ALUM.	15'-4"	10'-2"	4 -1/2"	
A102	B					ALUM.	6'-6"	9'-6"	4 -1/2"	
B101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	16'-6"	16'-6"	4 -1/2"	
B101	04	ALUM.	3'-0"	7'-0"	1 3/4"	ALUM.	15'-11"	9'-0"	4 -1/2"	
B103	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
B110	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
B120	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
B140	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
B141	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
B142	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
B130	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-10"	10'-0"	4 -1/2"	
B102	A					ALUM.	15'-4"	10'-2"	4 -1/2"	
B102	B					ALUM.	6'-6"	9'-6"	4 -1/2"	
C102	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	10'-2"	4 -1/2"	
C101	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 -1/2"	
C104	08	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	
C104	08	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	
P1 - 1	09	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
P1 - 2	09	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
P2 - 1	09	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
P2 - 2	09	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	



01 DOOR NUMBER LOCATIONS

ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.  
 REFER TO A2.00 SERIES FOR DOOR LOCATIONS AND NUMBERING SEQUENCE  
 ACCESS DOOR NUMBERING (XX)

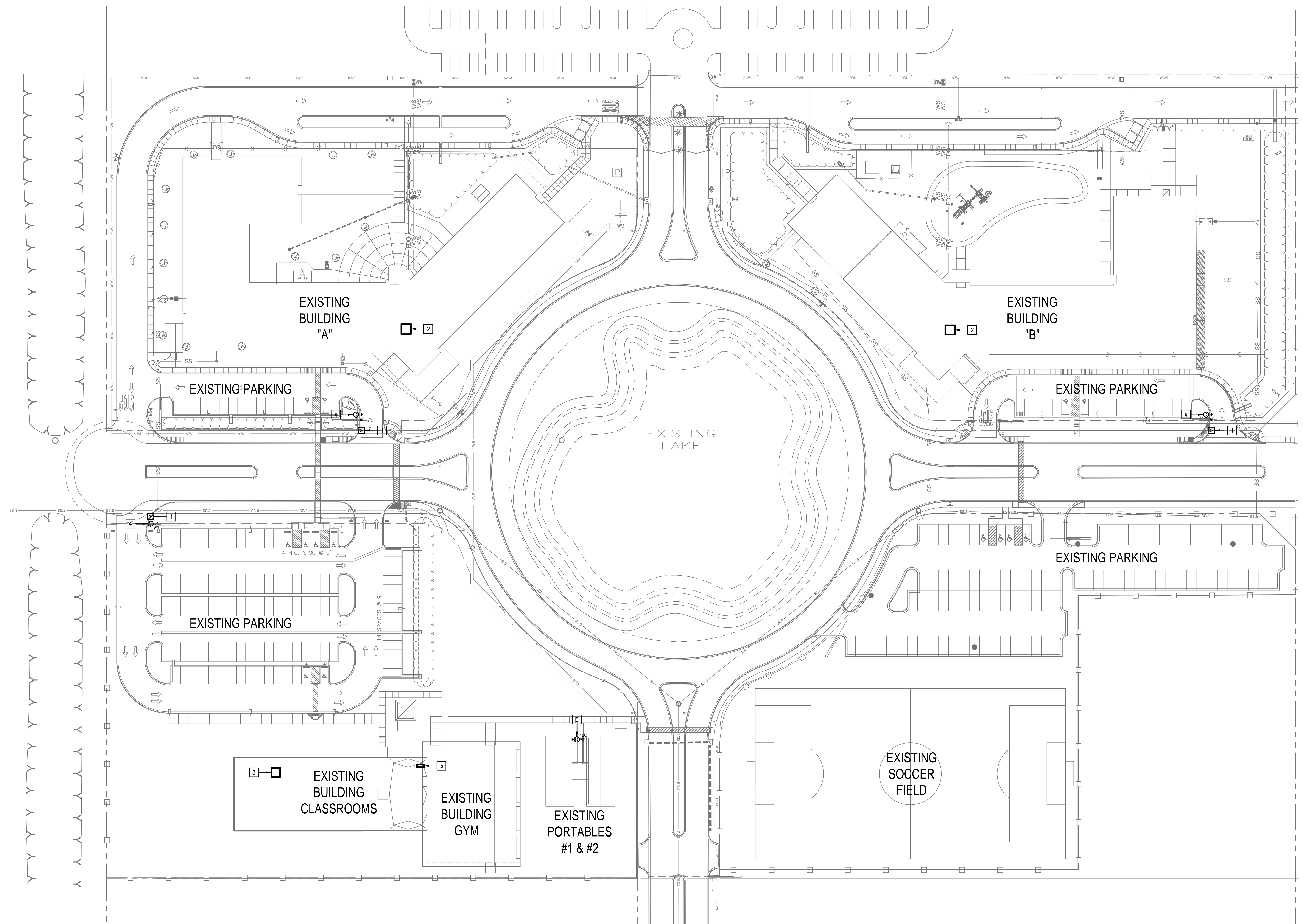


02 FILM DETAIL

NOT TO SCALE

- GENERAL NOTES:**
- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
  - PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
  - ALL WIRING SHALL BE CONCEALED, U.N.O.
  - FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
  - WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
  - LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
  - ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

- KEYED NOTES:**
- EXISTING DOOR STATION ALPHONE IX SERIES. PROVIDE A CARD READER IN AVAILABLE SLOT.
  - EXISTING MDF ROOM.
  - EXISTING IDF ROOM.
  - ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATION SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
  - PROVIDE CAMERA TO CAPTURE DOORWAY FOOT TRAFFIC FOR ALL PORTABLES. PROVIDE PARAPET MOUNTING KIT. PROVIDE CAT6 CABLING TO NEAREST PORTABLE POE NETWORK SWITCH.



IDEA EDINBURG  
 TECHNOLOGY PLAN (SITE PLAN)  
 01 SCALE: 1" = 40'-0"  


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 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:

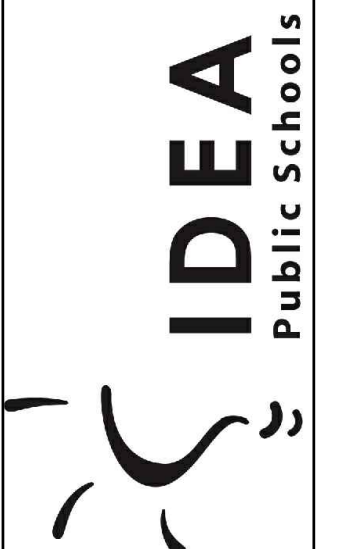






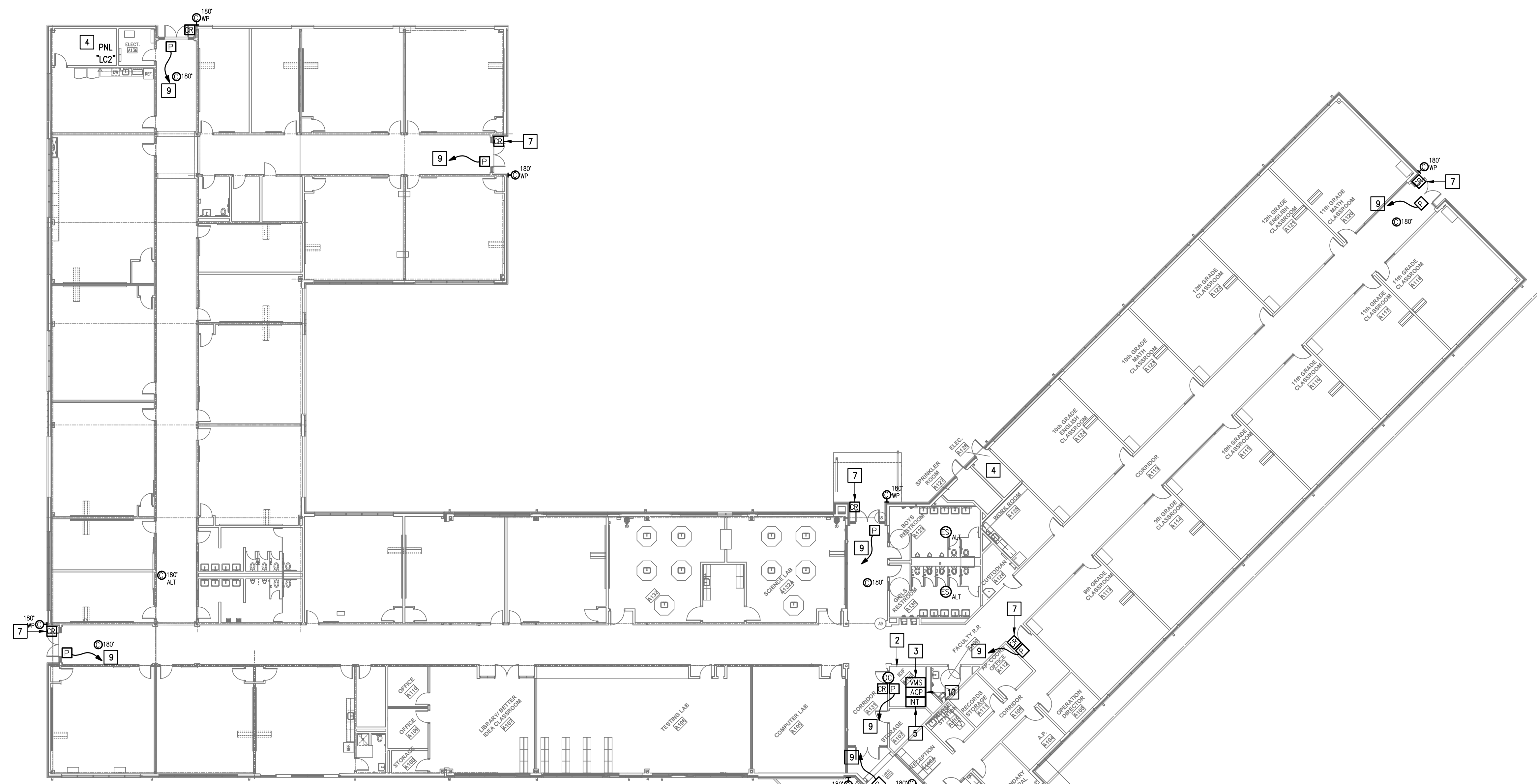
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(956) 546-0110  
fax (956) 546-0196

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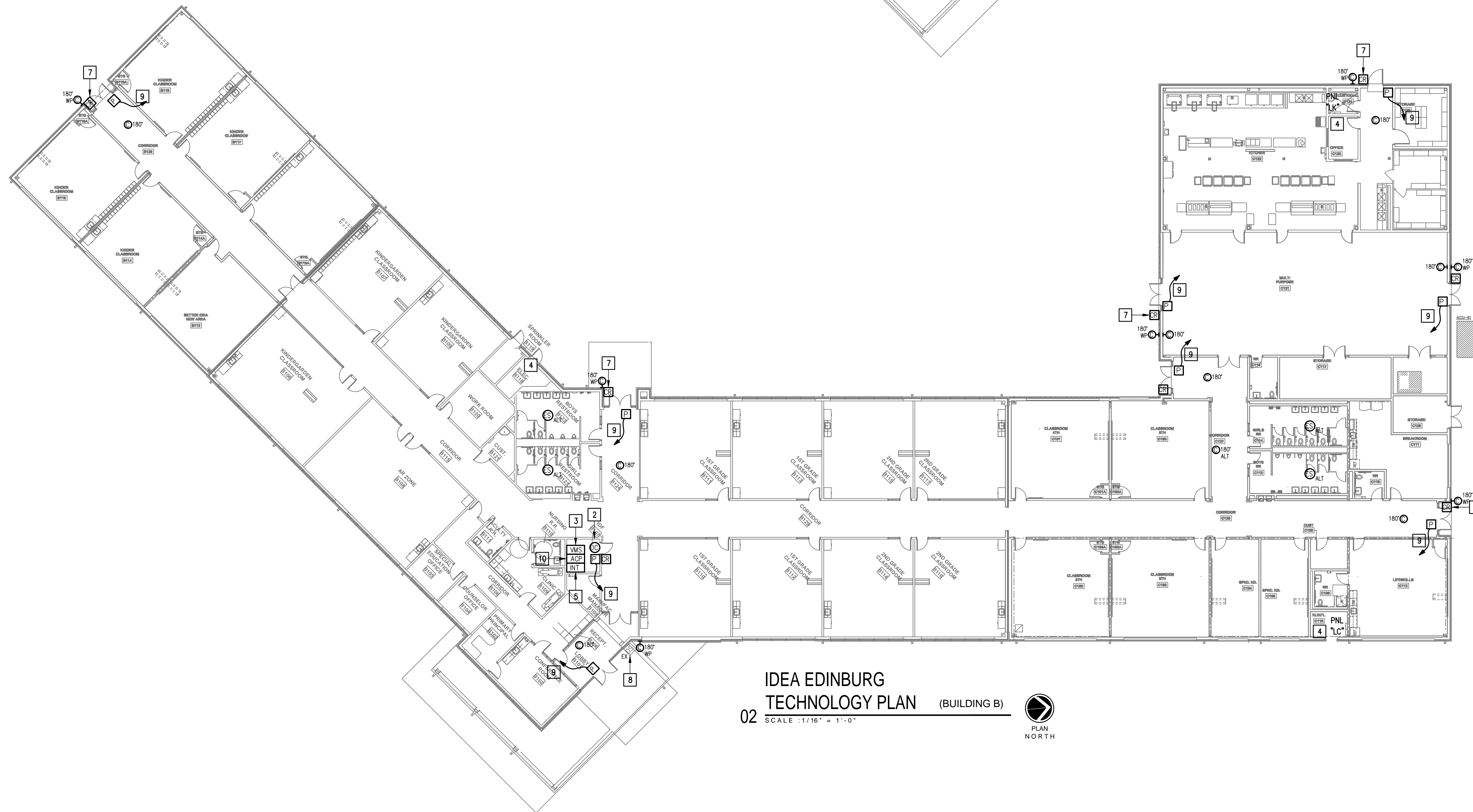


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Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 222/90  
Sheet:



01 IDEA EDINBURG TECHNOLOGY PLAN (BUILDING A)  
SCALE: 1/16" = 1'-0"  
PLAN NORTH



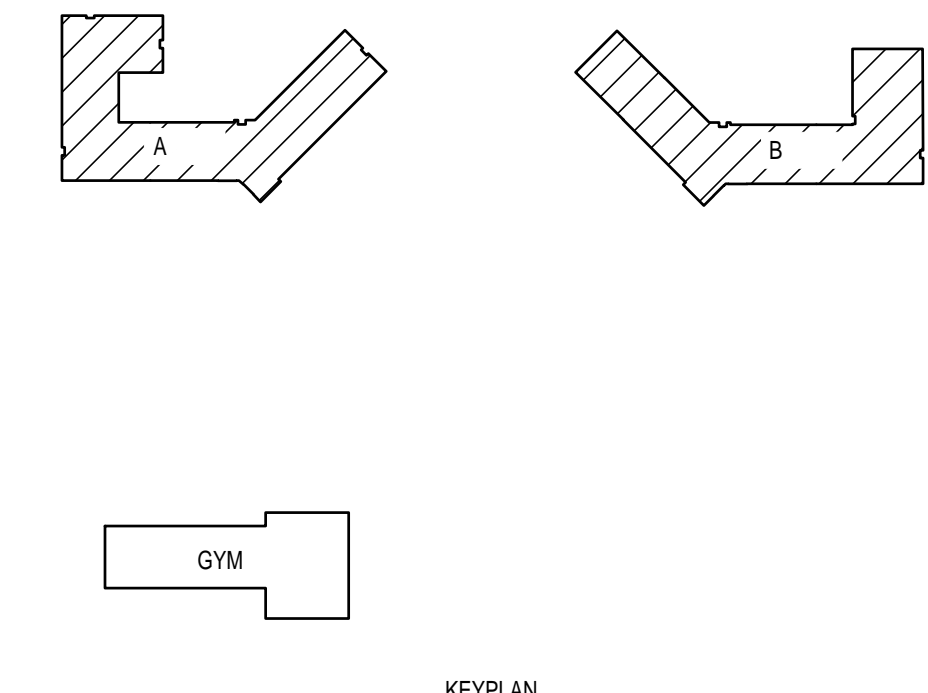
02 IDEA EDINBURG TECHNOLOGY PLAN (BUILDING B)  
SCALE: 1/16" = 1'-0"  
PLAN NORTH

GENERAL NOTES:

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

KEYED NOTES:

- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- APPROXIMATE LOCATION OF EXISTING 120V/208V PANELBOARD.
- EXISTING INTRUSION DETECTION SYSTEM PANEL MODEL ADEMCO.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING CARD READER. DISCONNECT REMOVE AND REPLACE.
- EXISTING DOOR STATION. PROVIDE A CARD READER INCLUDING CABLING IN AVAILABLE SLOT.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT: 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



KEYPLAN



No.	REVISIONS	BY



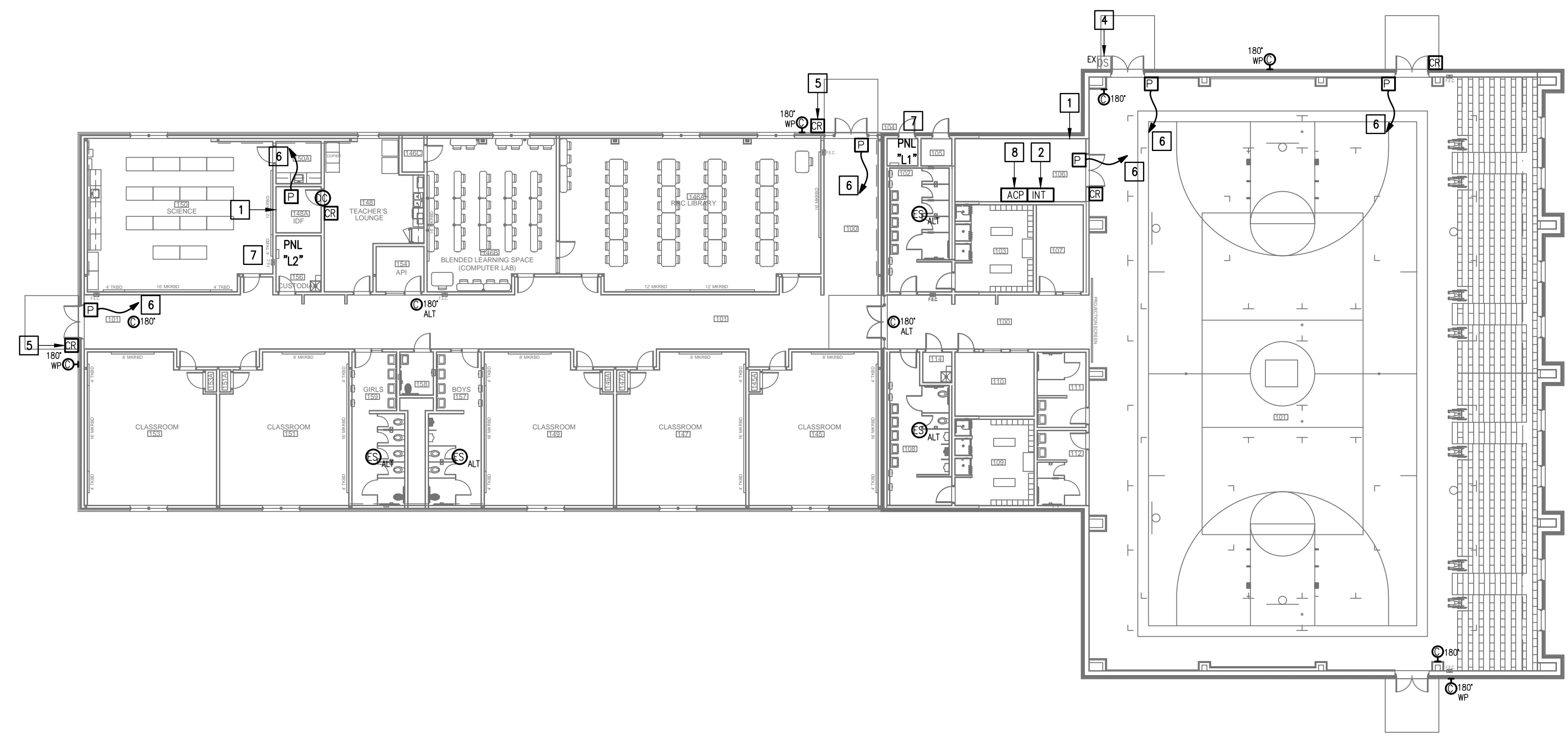
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 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

**GENERAL NOTES:**

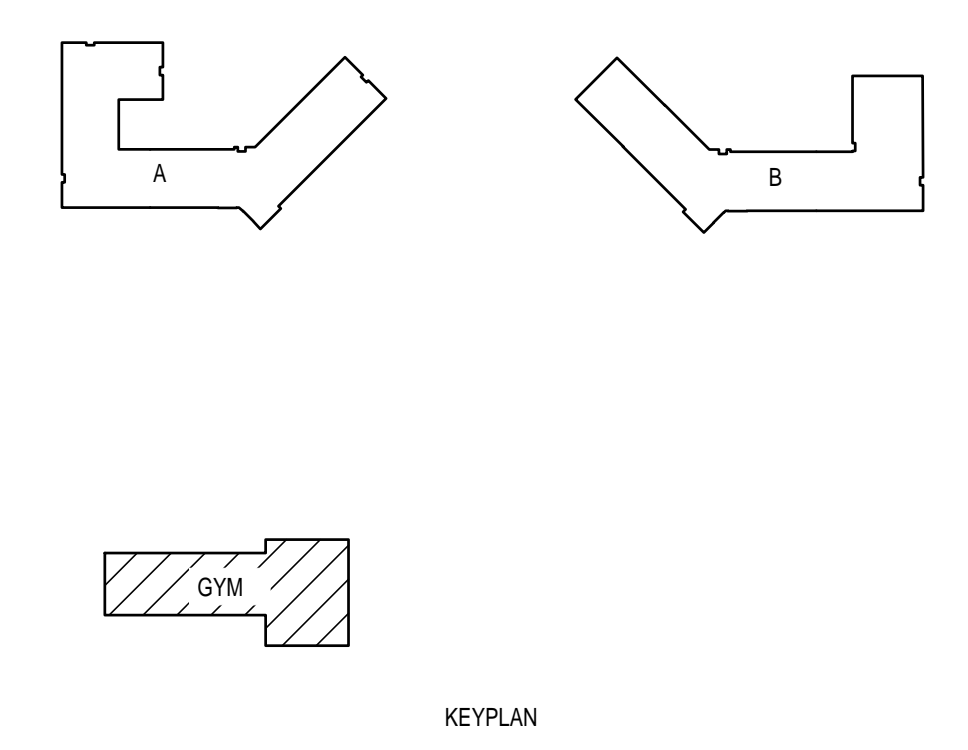
1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREFOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

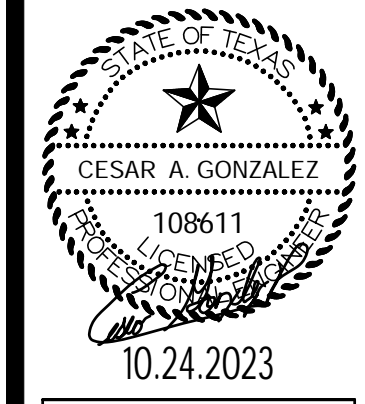
- 1 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING INTRUSION DETECTION SYSTEM PANEL NAPCO MODEL GEMINI 9600.
- 3 PROVIDE VERKADA EQUIPMENT AND 120V CONNECTION.
- 4 EXISTING DOOR STATION. PROVIDE A CARD READER INCLUDING CABLING IN AVAILABLE SLOT.
- 5 EXISTING CARD READER. DISCONNECT REMOVE AND REPLACE.
- 6 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 7 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 8 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



01 IDEA EDINBURG  
 TECHNOLOGY PLAN (GYM)  
 SCALE 1/16" = 1'-0"  
 PLAN NORTH



IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 EDINBURG, TEXAS



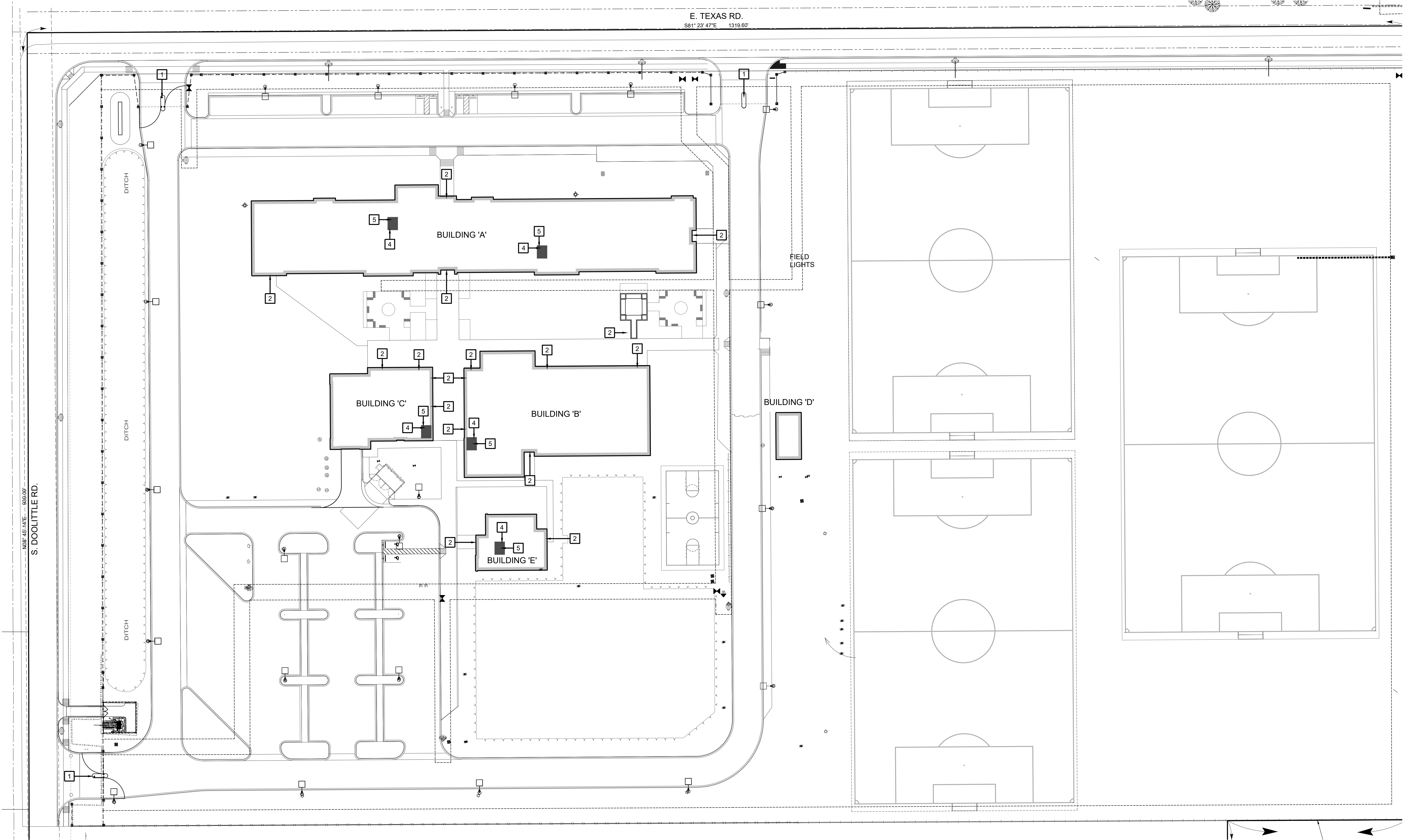
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 Interior Designers  
 Date: 10/24/2023  
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 Project Architect: Roan Gomez, AIA  
 Drawn By: C. G.  
 Job No: 22090  
 Sheet:



No.	REVISIONS	BY



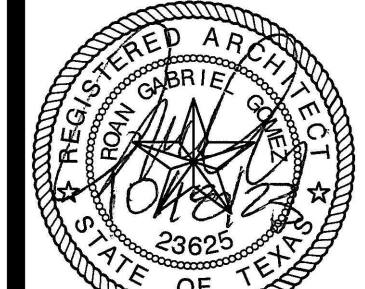
GMS ARCHITECTS  
1150 Paredes Line Rd.  
Brownsville TX 78526  
(956) 546-0110  
fax (956) 546-0196



**01 SITEPLAN W/ IMPROVEMENTS**  
SCALE: 1" = 40'-0"

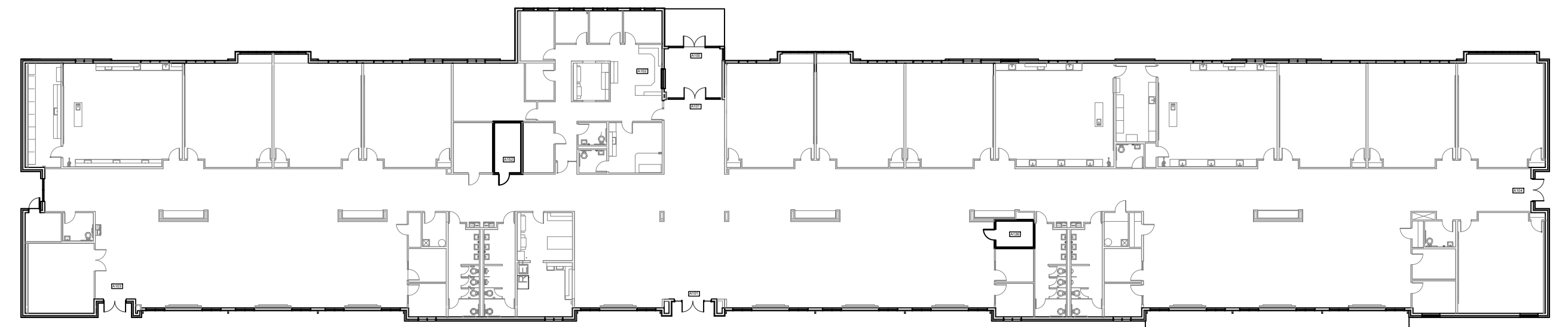
- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS (BY OTHERS)
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
EDINBURG, TEXAS

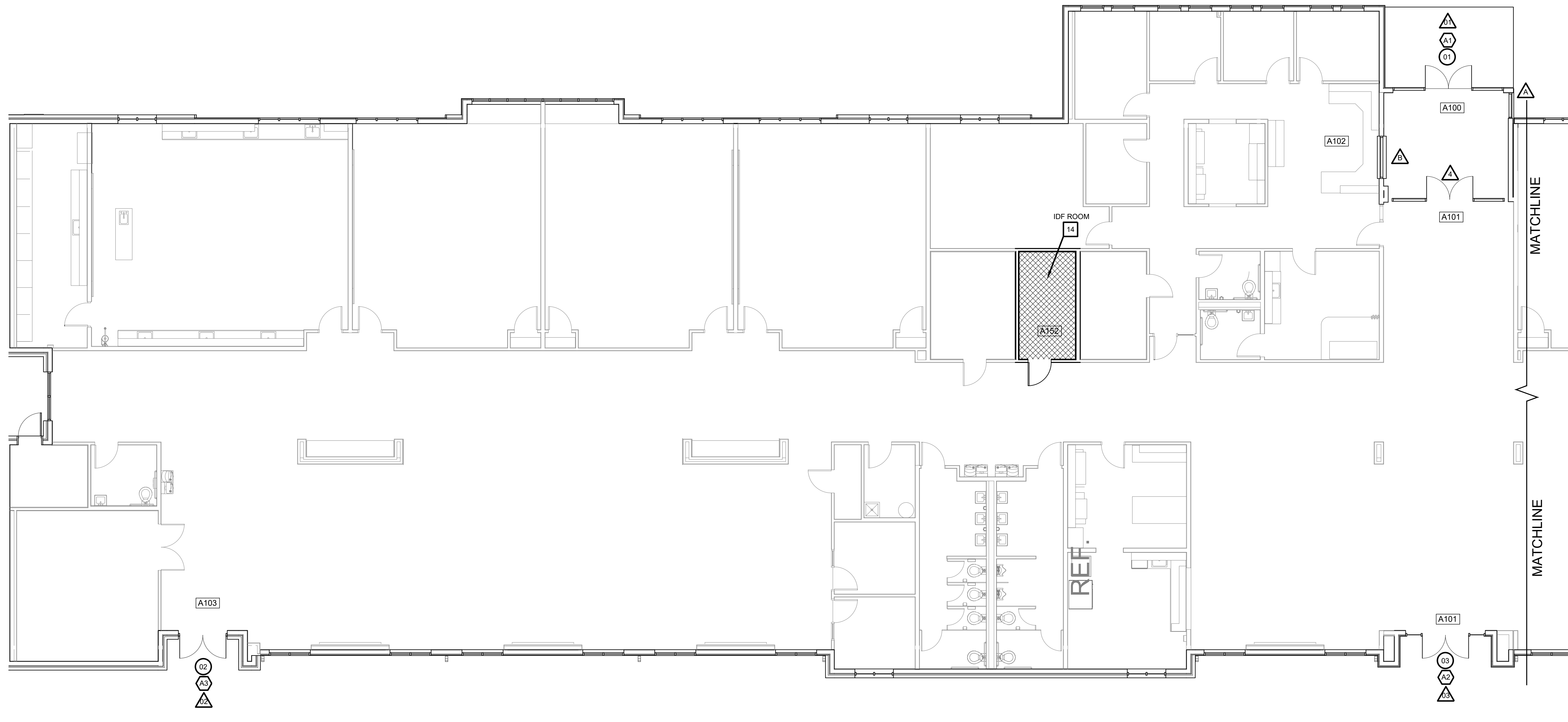






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Scale: As Noted  
Project Architect: Rolin Gomez, AIA  
Drawn By: CG, IO, JA  
Job No: IDEA SECURITY  
Sheet:

**IDEA EDINBURG TOROS**

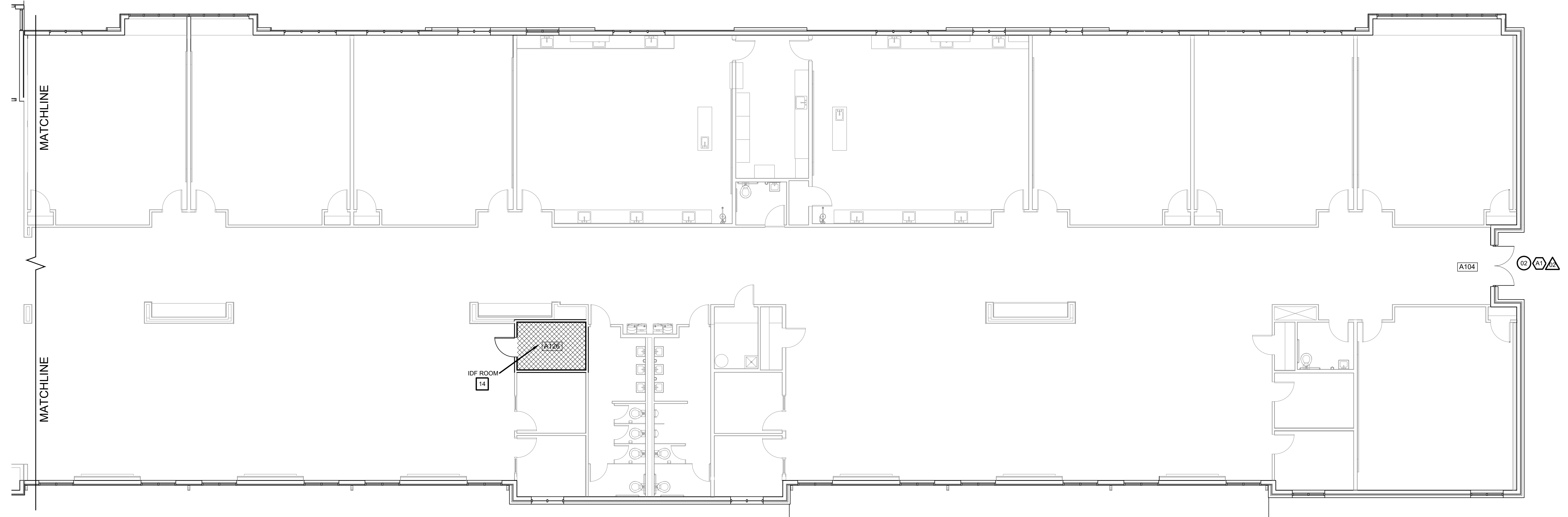


BUILDING A  
**OVERALL PLAN**



- SYMBOL LEGEND**
-  ACCESS DOOR NUMBERING
  -  SECURITY DOOR HARDWARE
  -  IDF ACCESS HARDWARE
  -  SECURITY FILM

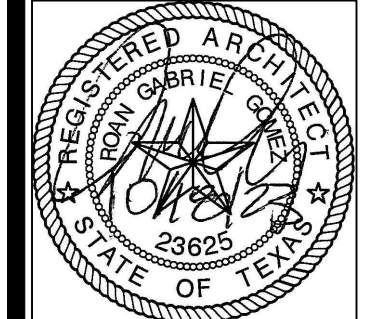
BUILDING A  
**01 FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



BUILDING A  
**02 FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**IDEA EDINBURG TOROS**





**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 EDINBURG, TEXAS

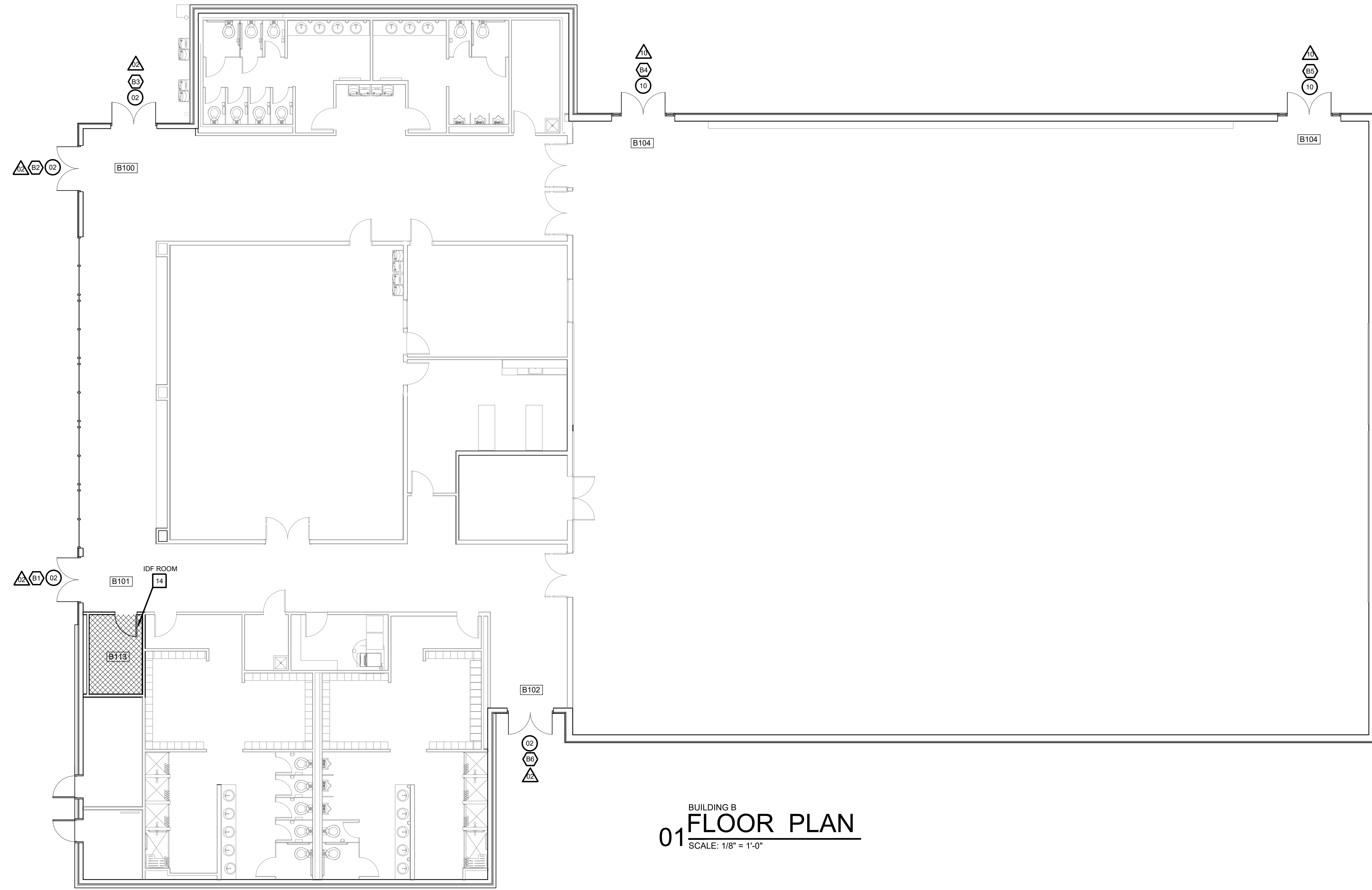


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 Job No: IDEA SECURITY  
 Sheet:

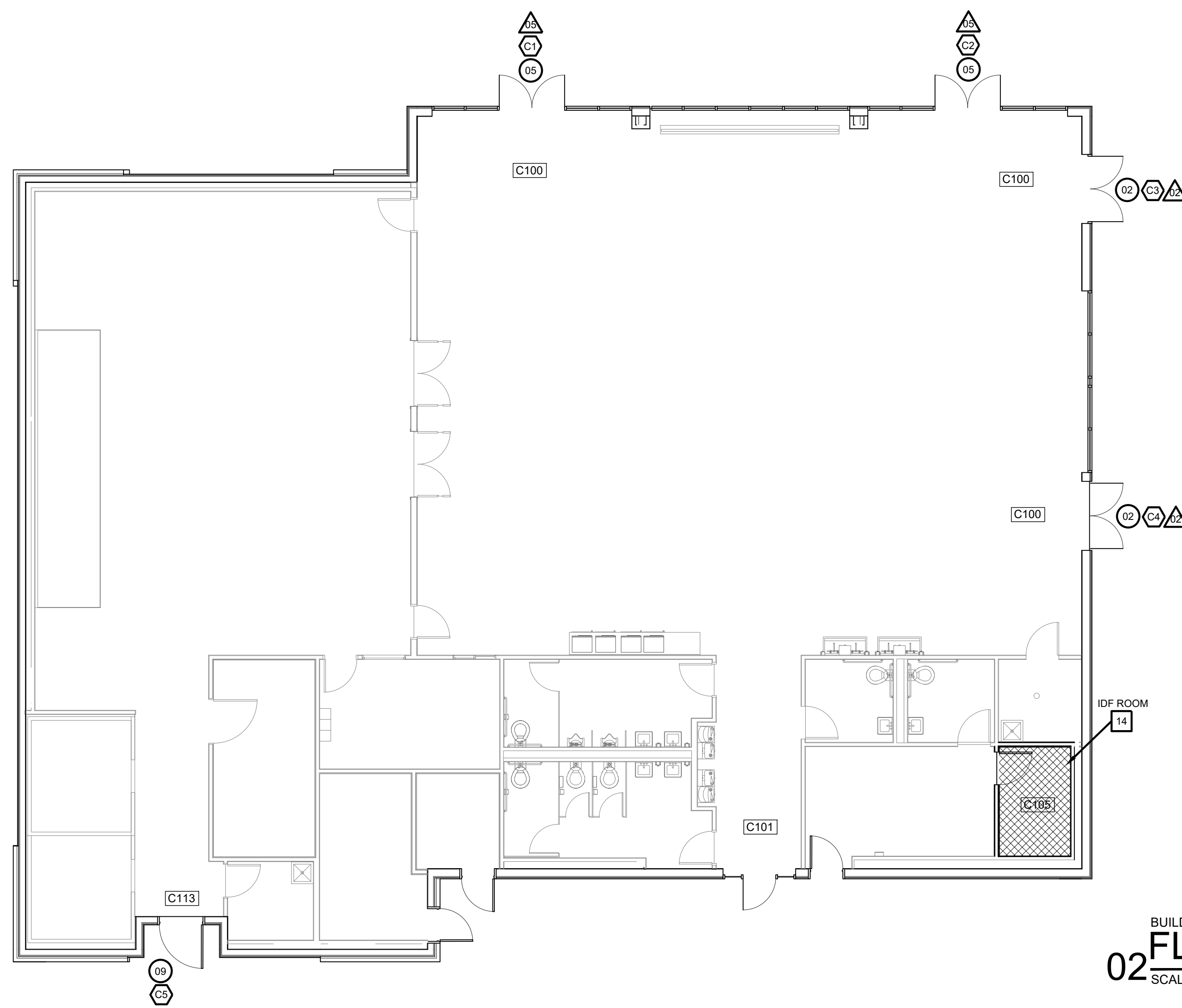
**A2.01**

**SYMBOL LEGEND**

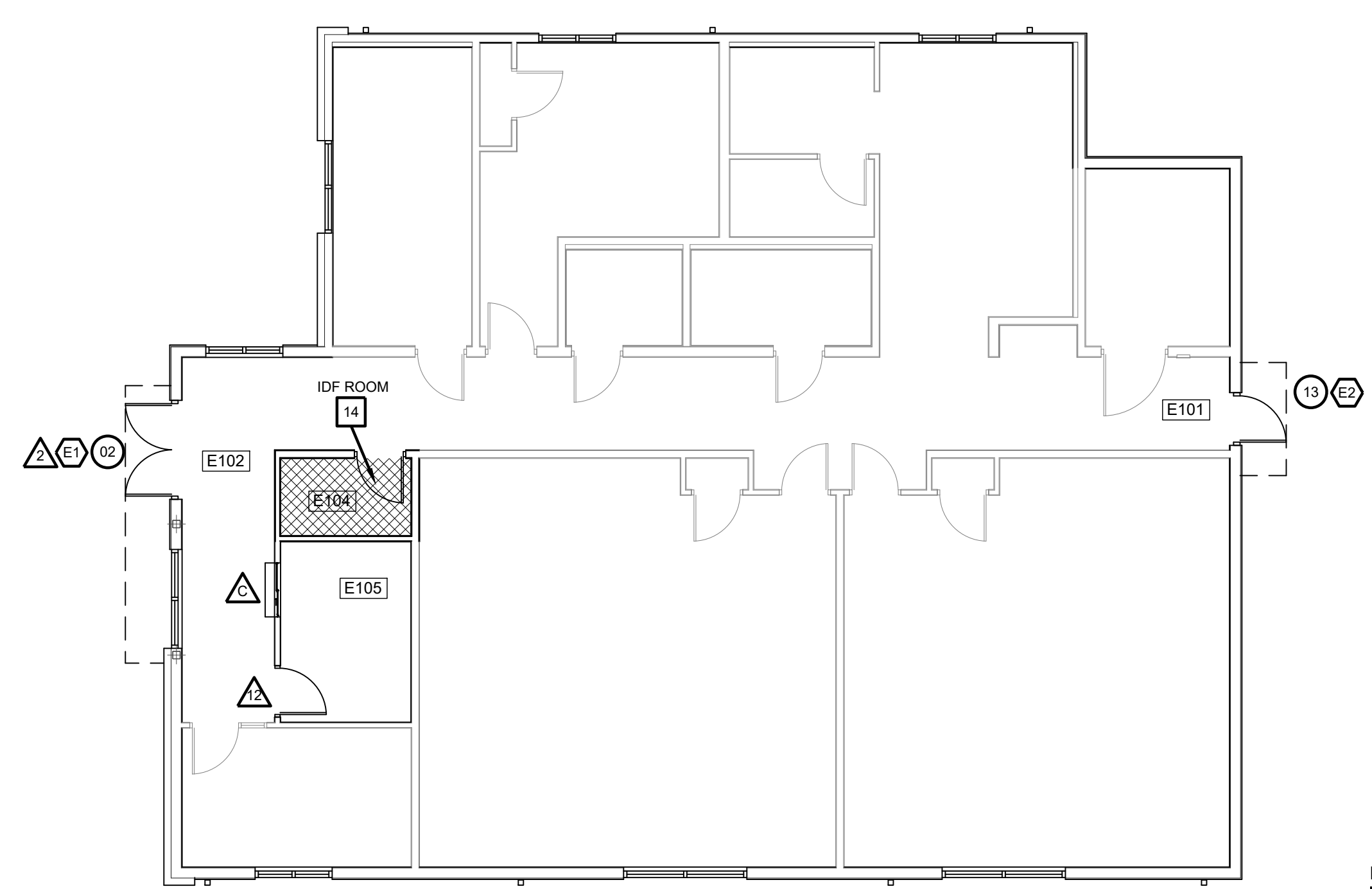
-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM



**BUILDING B**  
**01 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

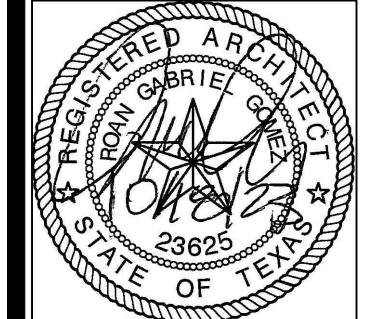


**BUILDING C**  
**02 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"



**BUILDING E**  
**03 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 EDINBURG, TEXAS

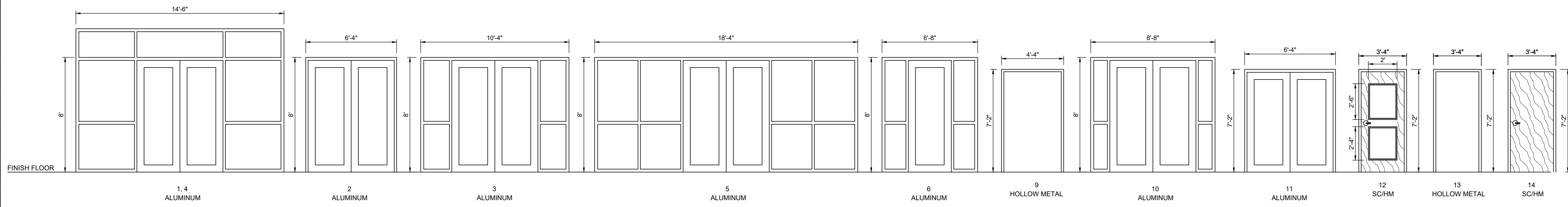


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 Drawn By: CG\_IO\_JA  
 Job No: IDEA SECURITY  
 Sheet:

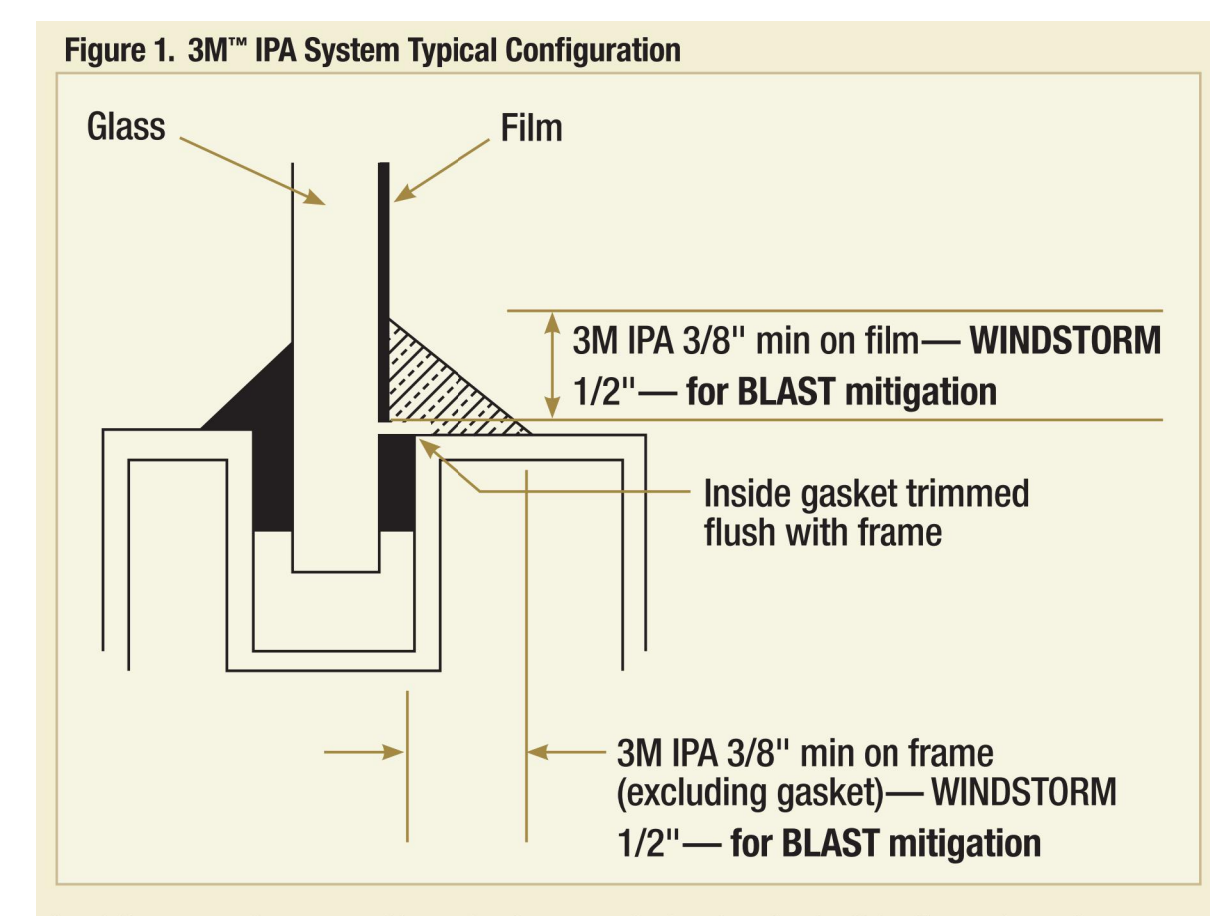
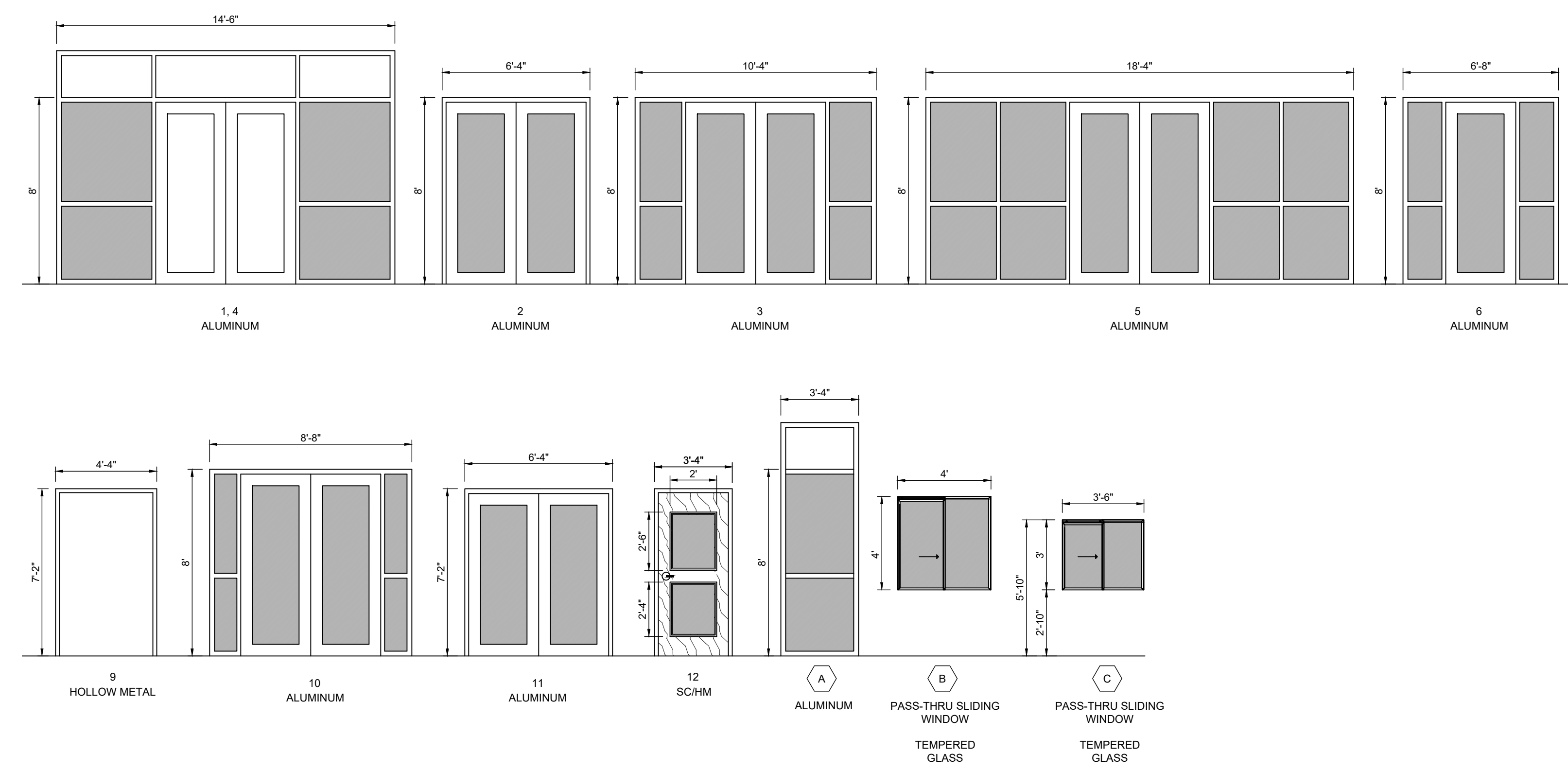
No.	REVISIONS	BY

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 fax (956) 546-0196

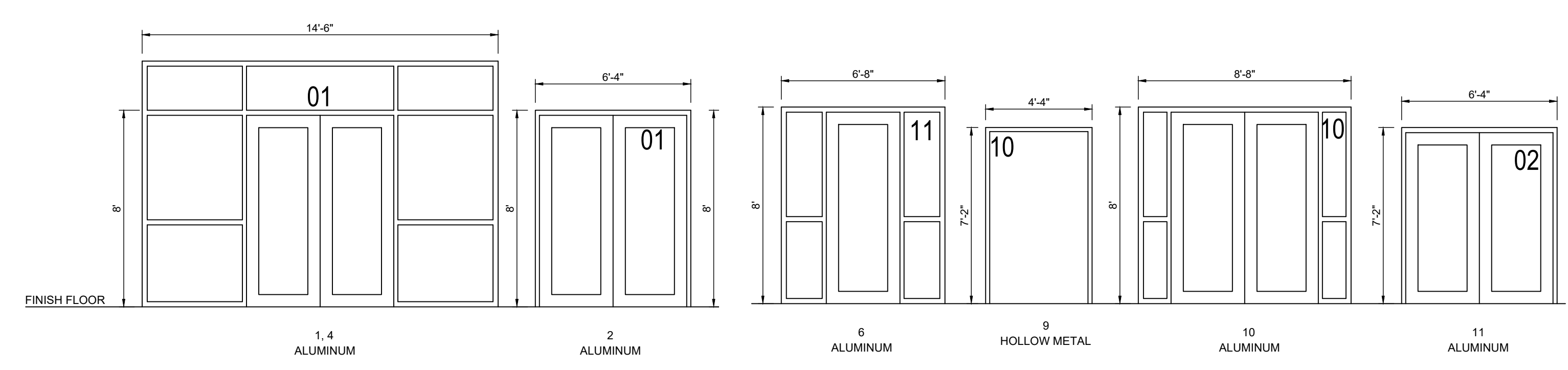
ACCESS CONTROL - DOOR SCHEDULE											
BLDG	DOOR NO.	DOOR			FRAME				HDWR	REMARKS	
		MATL.	W	H	T	MATL.	W	H			T
A100	01	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	14'-6"	8'-0"	4'-1/2"	A	NOT IN SCOPE
A101	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	A	
A101	03	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	10'-4"	8'-0"	4'-1/2"	A	
A103	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	A	
A152	14	SC	3'-0"	7'-0"	134"	HM	3'-4"	7'-2"	5'-3/4"	F	IDF ROOM
A126	14	SC	3'-0"	7'-0"	134"	HM	3'-4"	7'-2"	5'-3/4"	F	IDF ROOM
B101	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	A	
B100	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	A	
B100	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	A	
B104	10	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	8'-8"	8'-0"	4'-1/2"	A	
B104	10	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	8'-8"	8'-0"	4'-1/2"	A	
B102	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	A	
B113	14	SC	3'-0"	7'-0"	134"	HM	3'-4"	7'-2"	5'-3/4"	F	IDF ROOM
C100	05	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	18'-4"	8'-0"	4'-1/2"	A	
C100	05	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	18'-4"	8'-0"	5'-3/4"	A	
C100	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	5'-3/4"	A	
C100	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	A	
C113	09	HM	4'-0"	8'-0"	134"	HM	4'-4"	7'-2"	5'-3/4"	D	
C105	14	SC	3'-0"	7'-0"	134"	HM	3'-4"	7'-2"	5'-3/4"	F	IDF ROOM
E102	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	A	
E101	13	HM	3'-0"	8'-0"	134"	HM	3'-4"	7'-2"	5'-3/4"	E	
E104	14	SC	3'-0"	7'-0"	134"	HM	3'-4"	7'-2"	5'-3/4"	F	IDF ROOM



WINDOW FILM - DOOR / WINDOW SCHEDULE										
BLDG	FRAME NO.	DOOR			FRAME				REMARKS	
		MATL.	W	H	T	MATL.	W	H		T
A100	01	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	14'-6"	8'-0"	4'-1/2"	
A101	04	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	14'-6"	8'-0"	4'-1/2"	
A104	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	
A101	03	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	10'-4"	8'-0"	4'-1/2"	
A103	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	
A100	A					ALUM.	3'-4"	8'-0"	4'-1/2"	
A101	B					ALUM.	4'-0"	4'-0"	4'-1/2"	
B101	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	
B100	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	
B104	10	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	8'-8"	8'-0"	4'-1/2"	
B104	10	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	8'-8"	8'-0"	4'-1/2"	
B102	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	
C100	05	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	18'-4"	8'-0"	4'-1/2"	
C100	05	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	18'-4"	8'-0"	5'-3/4"	
C100	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	5'-3/4"	
C100	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	
E102	02	ALUM.	PR-3'-0"	8'-0"	134"	ALUM.	6'-4"	8'-0"	4'-1/2"	
E105	12	SC	3'-0"	7'-0"	134"	HM	3'-4"	7'-2"	5'-3/4"	
E105	C					ALUM.	3'-6"	3'-0"	4'-1/2"	

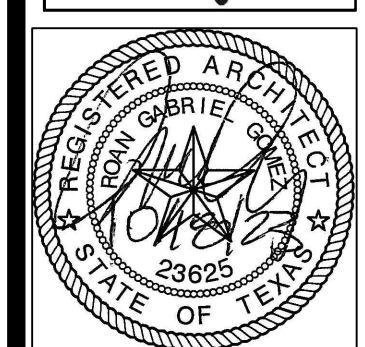


**02 FILM DETAIL**  
 NOT TO SCALE



**01 DOOR NUMBER LOCATIONS**  
 ALL LETTERS ARE SHALL BE 9\"/>

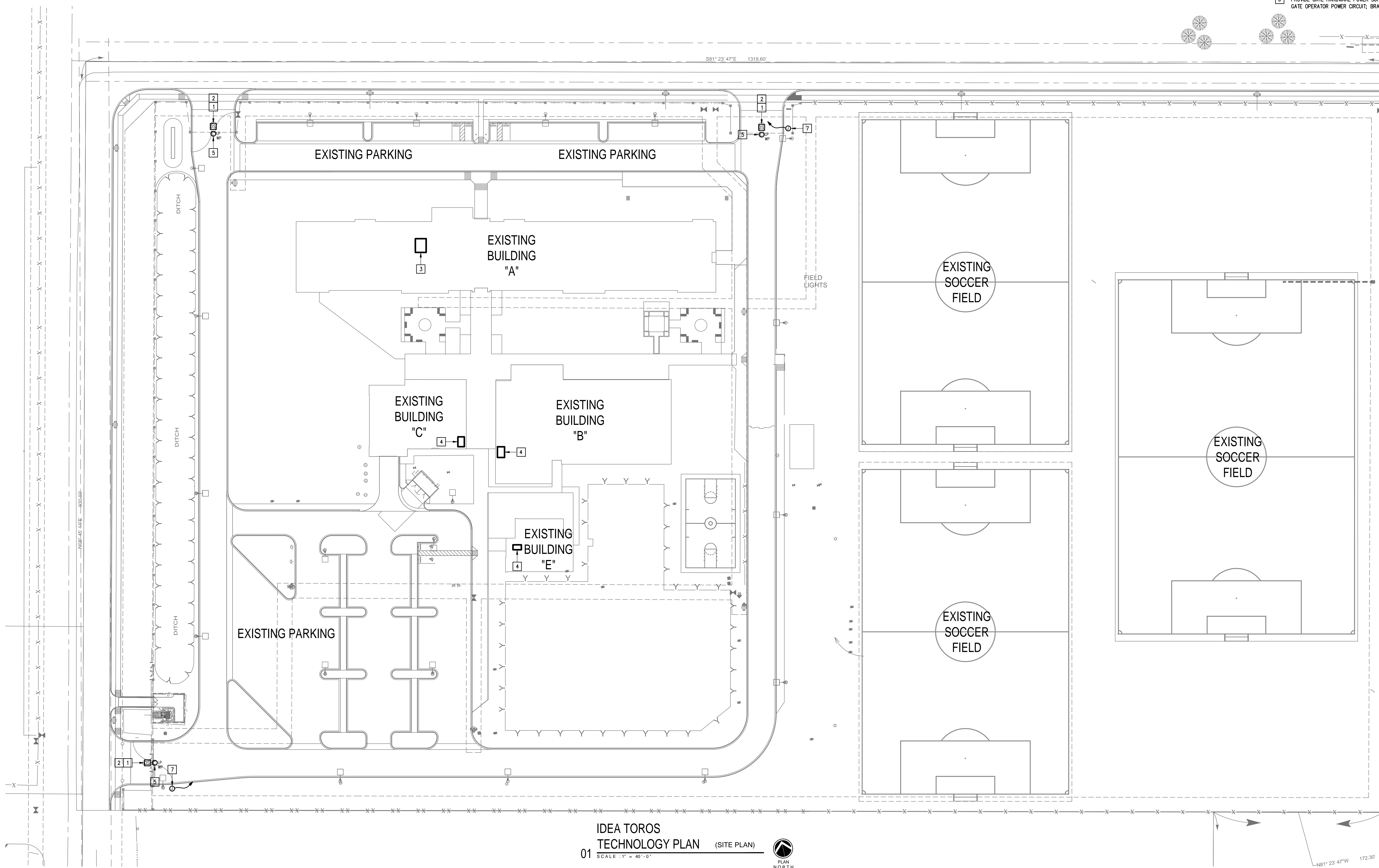
**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
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 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet: IDEA SECURITY

**KEYED NOTES:**

- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING KEY PAD. DISCONNECT AND REMOVE INCLUDING CABLING. PROVIDE COVER(S) FOR UNUSED KNOCK OUTS.
- 3 EXISTING MDF ROOM.
- 4 EXISTING IDF ROOM.
- 5 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 6 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT; BRANCH CIRCUIT: 3/4" - 2#12 & #12C.



**IDEA TOROS**  
**TECHNOLOGY PLAN (SITE PLAN)**  
 01 SCALE: 1" = 40'-0"



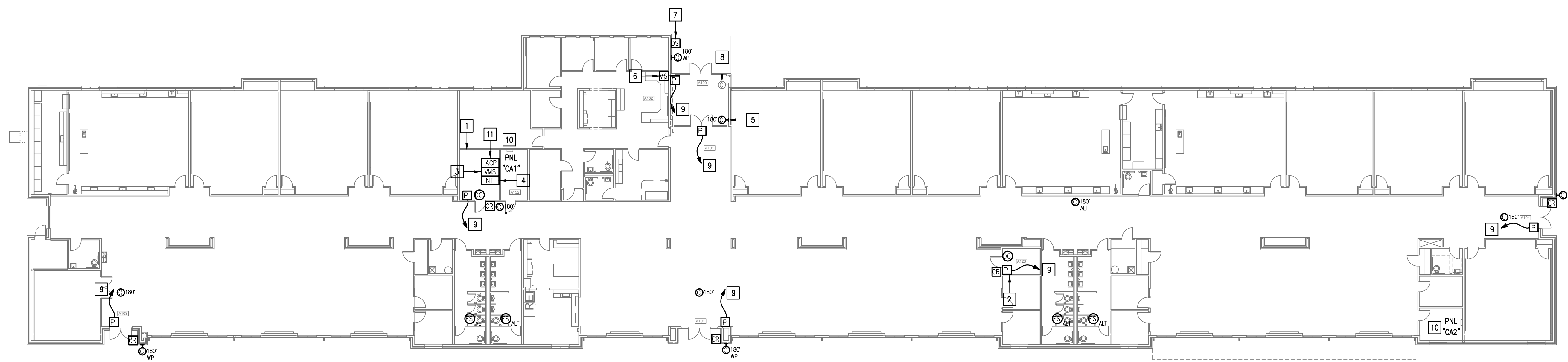


GENERAL NOTES:

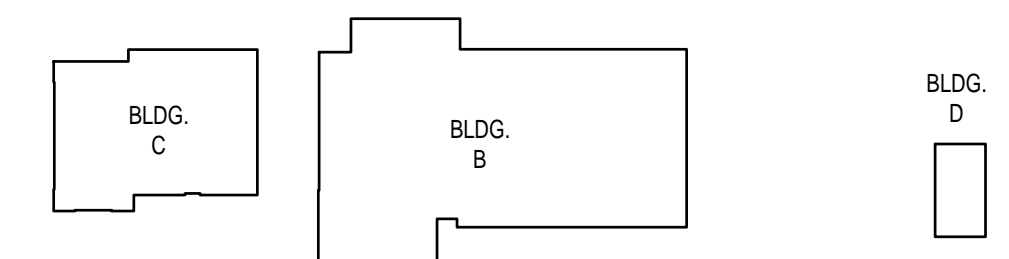
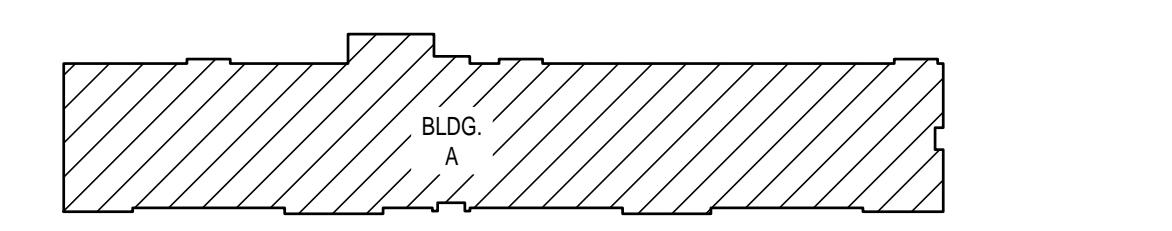
- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

KEYED NOTES:

- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL GEM-X255.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND INCLUDING CABLING.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT: 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- INTEGRATE EXISTING ACCESS CONTROL WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. TEST EXISTING EQUIPMENT AND RELATED COMPONENTS TO ENSURE THEY ARE FUNCTIONAL AND NOTE ANY THAT ARE NON-FUNCTIONAL. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM.



IDEA TOROS  
01 TECHNOLOGY PLAN (BUILDING A)  
SCALE: 1/16" = 1'-0"



KEYPLAN

IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
EDINBURG, TEXAS



10.24.2023

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Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 222190  
Sheet:



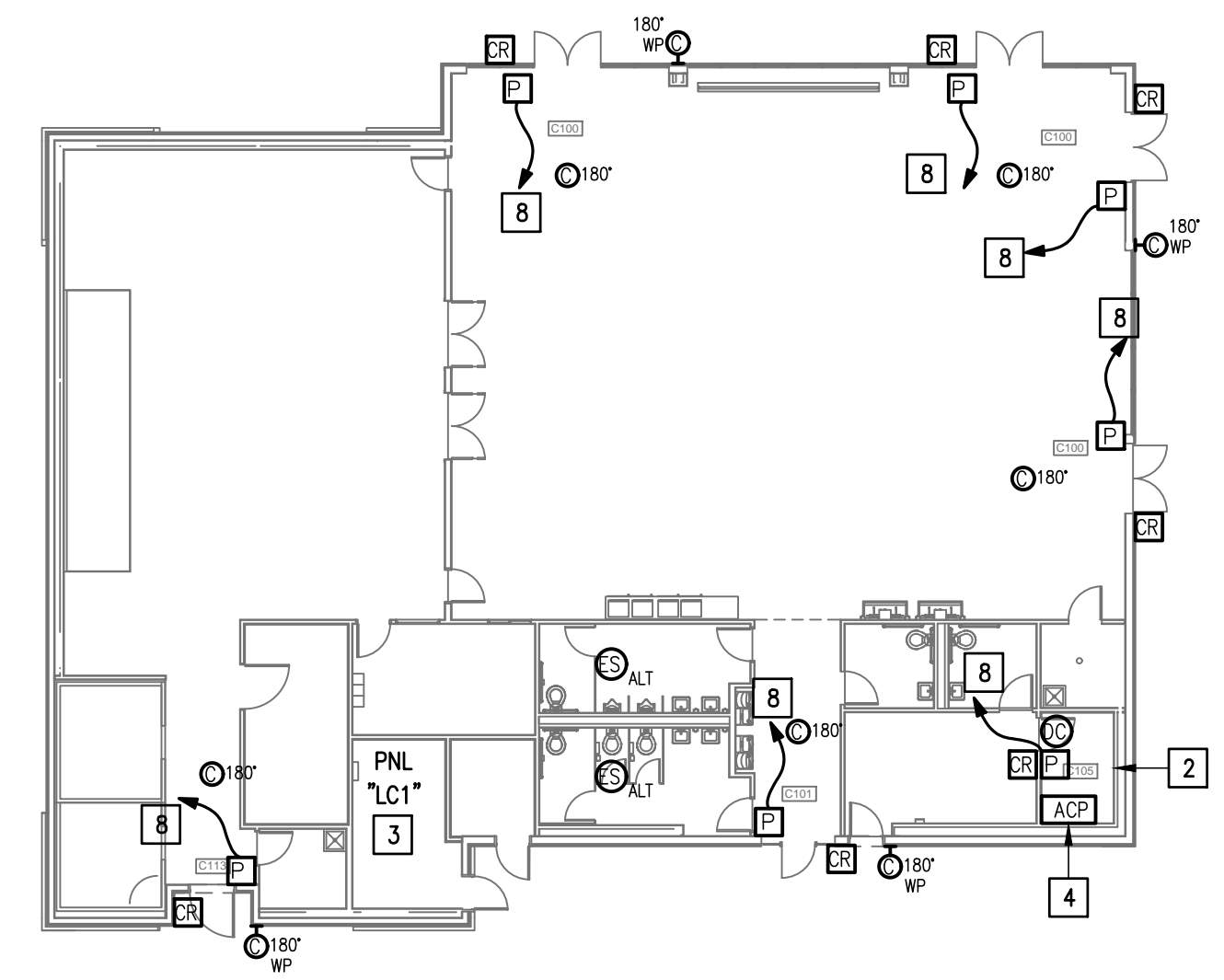


**GENERAL NOTES:**

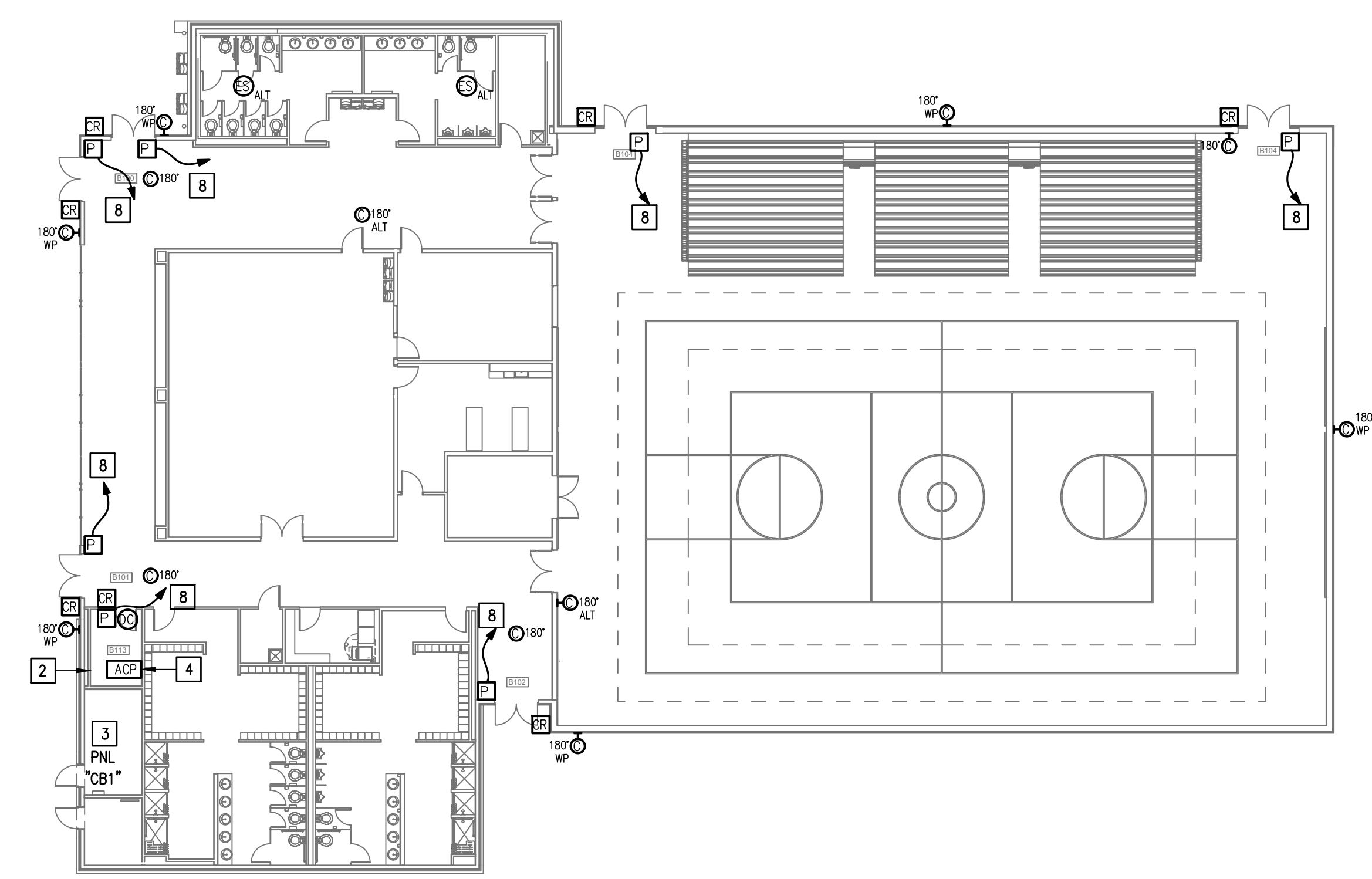
- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

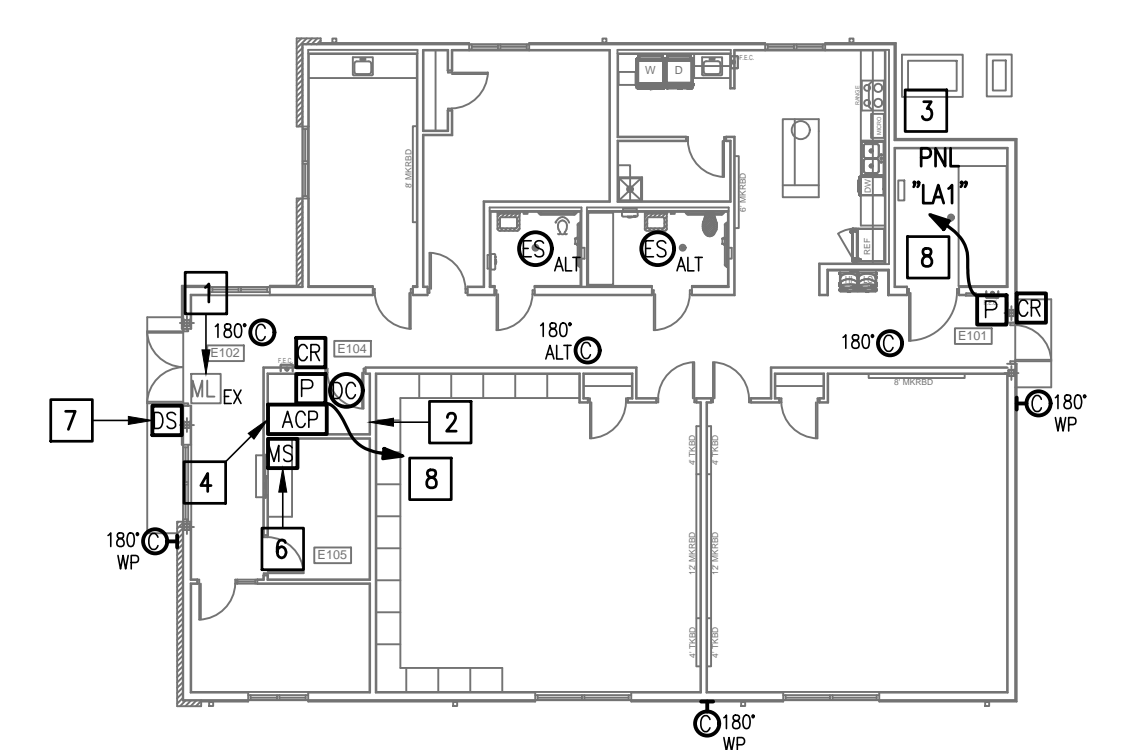
- EXISTING MAGNETIC LOCK.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- APPROXIMATE LOCATION OF EXISTING 120V/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.



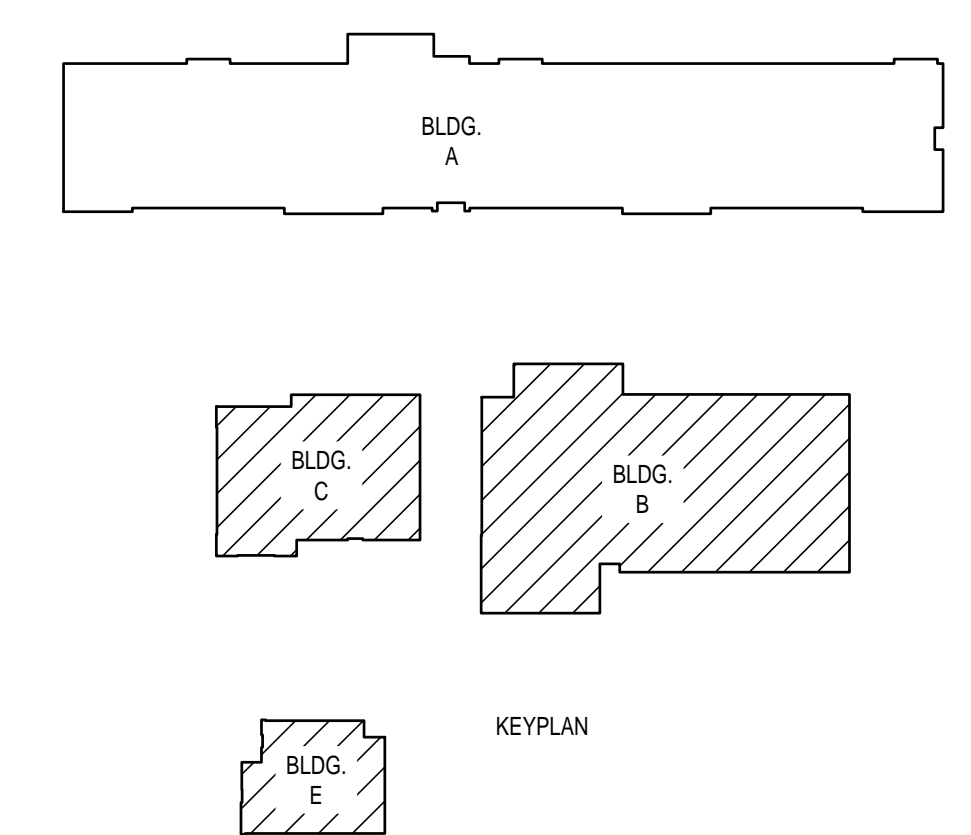
**01** IDEA TOROS  
TECHNOLOGY PLAN (BUILDING C)  
SCALE: 1/16" = 1'-0"  

**02** IDEA TOROS  
TECHNOLOGY PLAN (BUILDING B)  
SCALE: 1/16" = 1'-0"  

**03** IDEA TOROS  
TECHNOLOGY PLAN (BUILDING E)  
SCALE: 1/16" = 1'-0"  

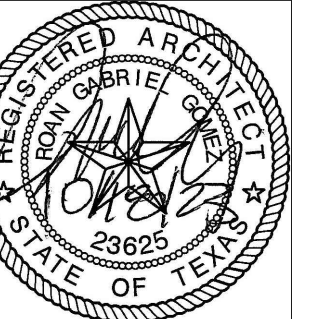





GMS ARCHITECTS

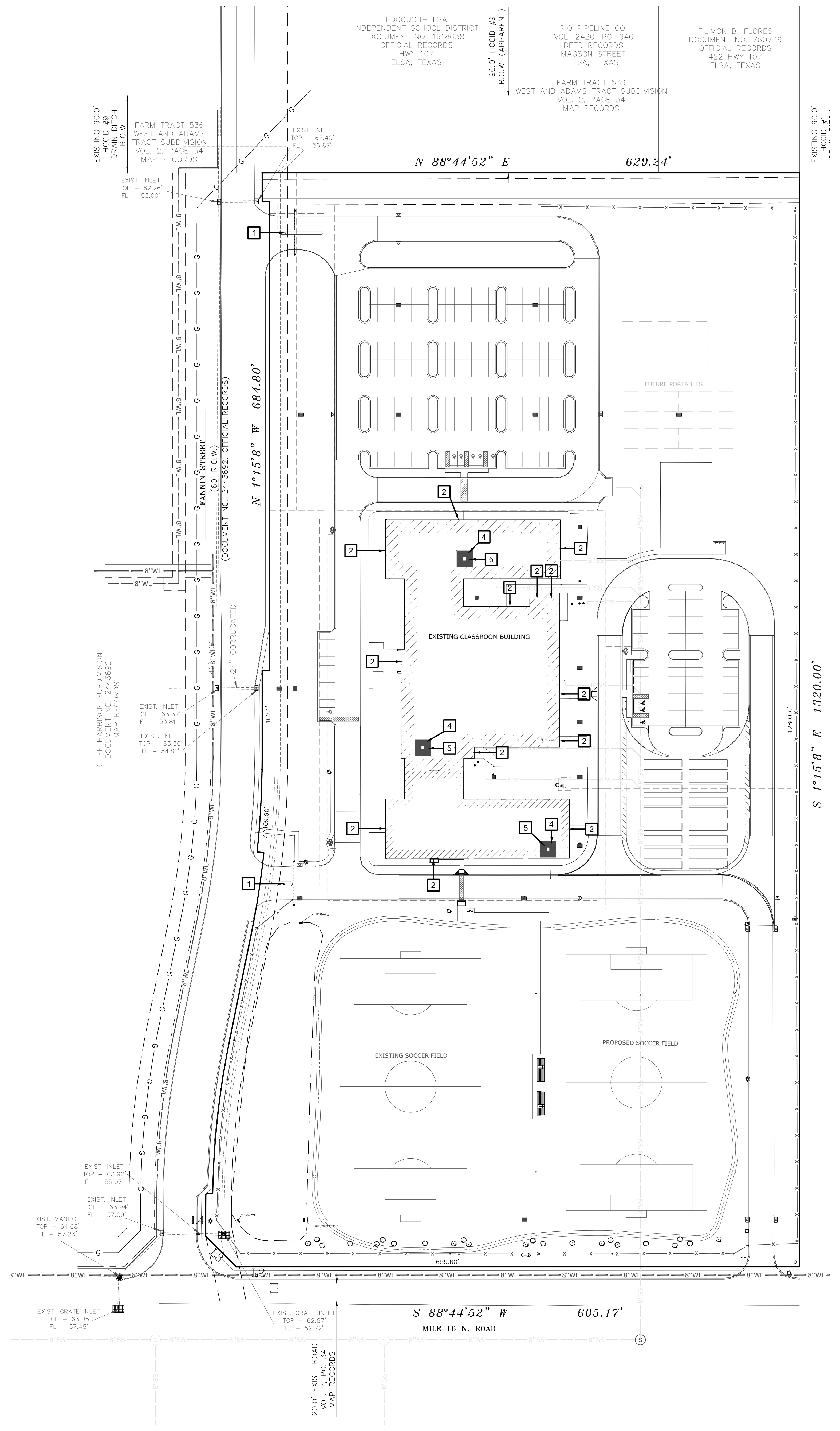
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Brownsville TX 78526  
(956) 546-0110  
fax (956) 546-0196

# IDEA PUBLIC SCHOOLS SECURITY IMPROVEMENTS ELSA, TEXAS



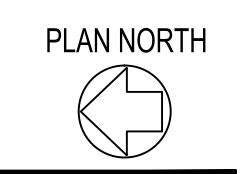
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Architects-Planners  
Interior Designers

Date: 01/2023  
Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: CG, IO, JA  
Job No: IDEA SECURITY  
Sheet: IDEA SECURITY

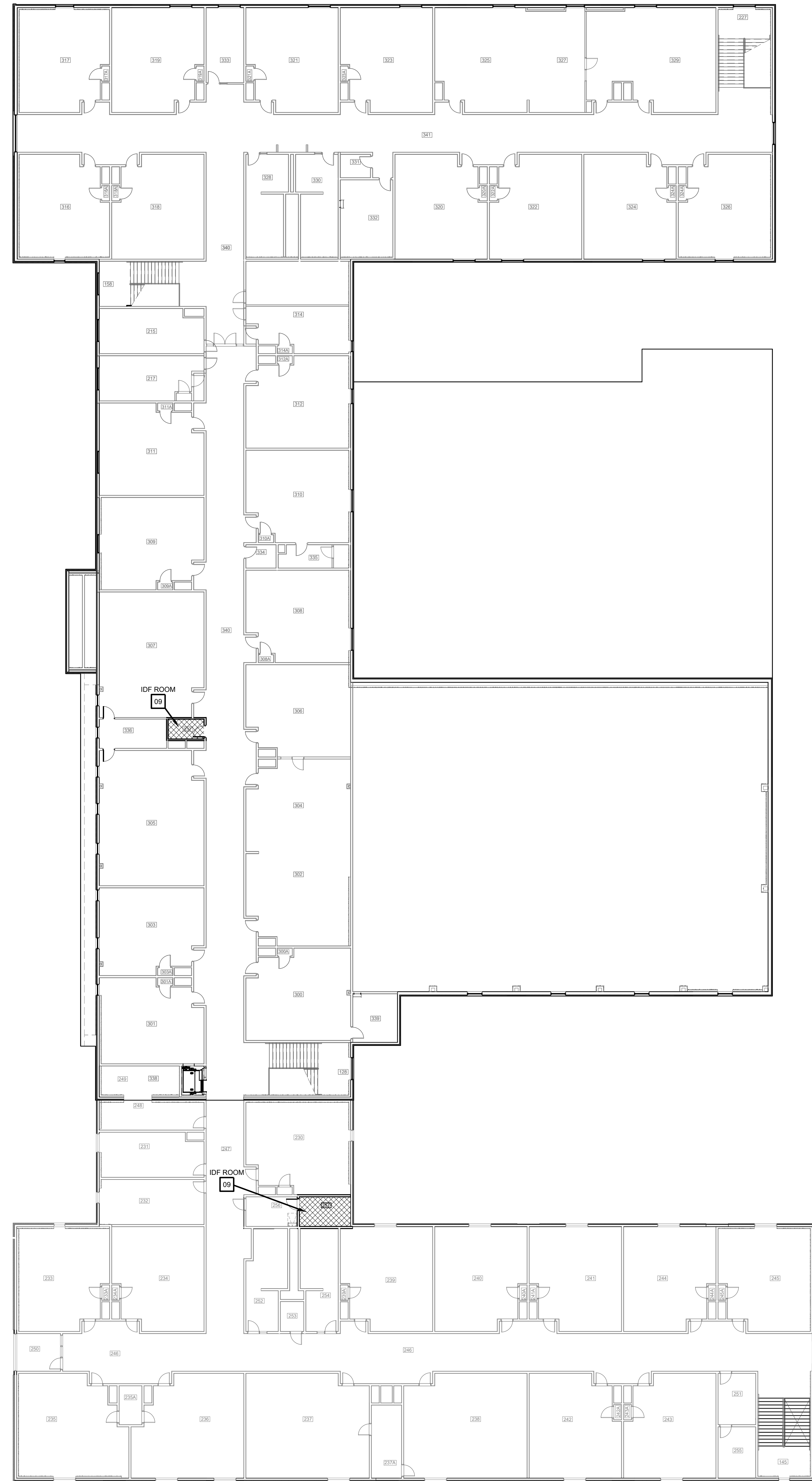


## 01 OVERALL SITE PLAN

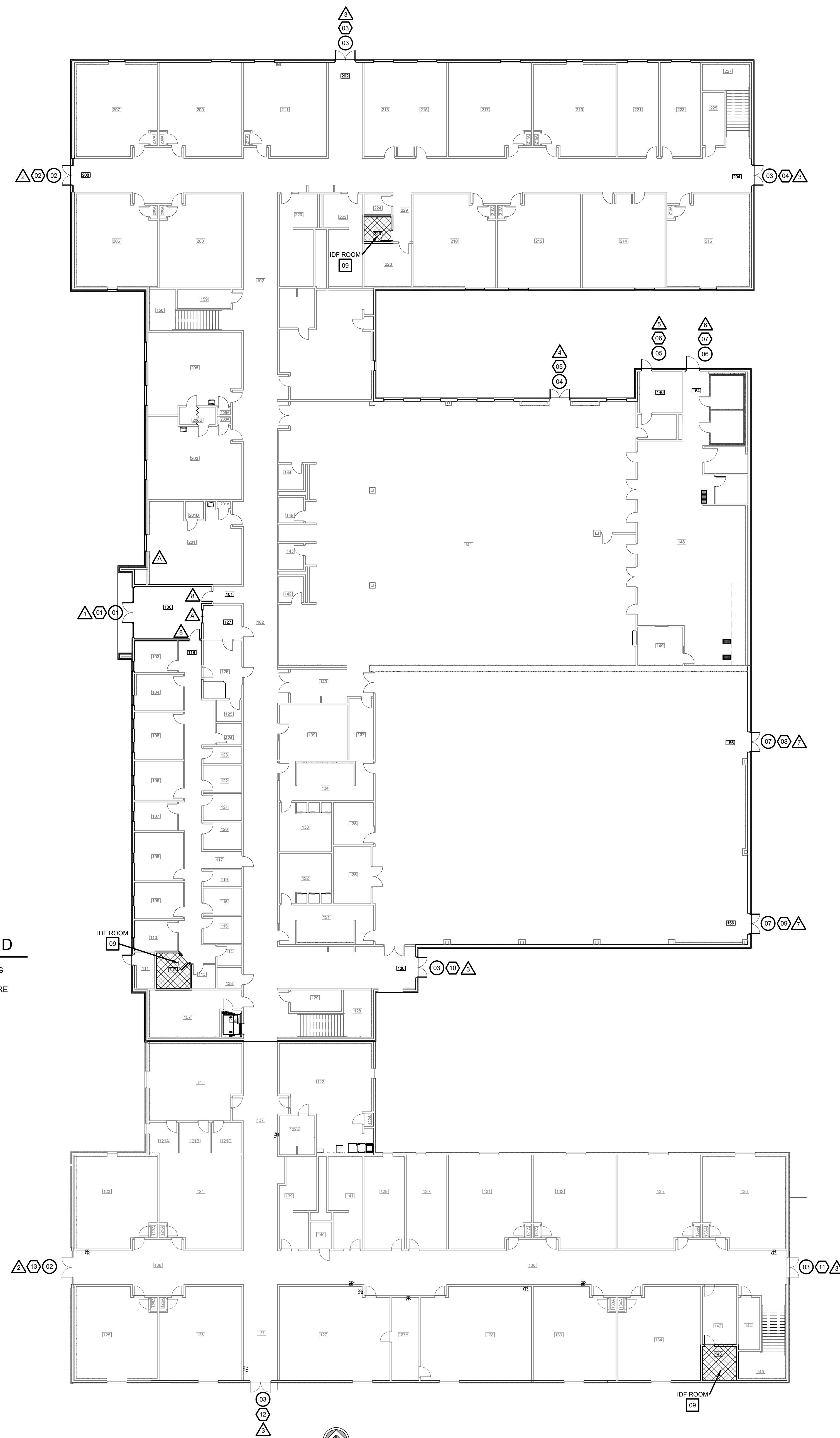
SCALE 1" = 60'-0"



- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS



PLAN NORTH  
**SECOND FLOOR OVERALL FLOOR PLAN**  
 02 SCALE: 1/16" = 1'-0"

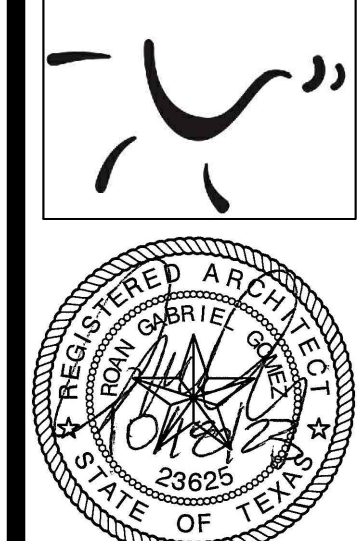


**SYMBOL LEGEND**

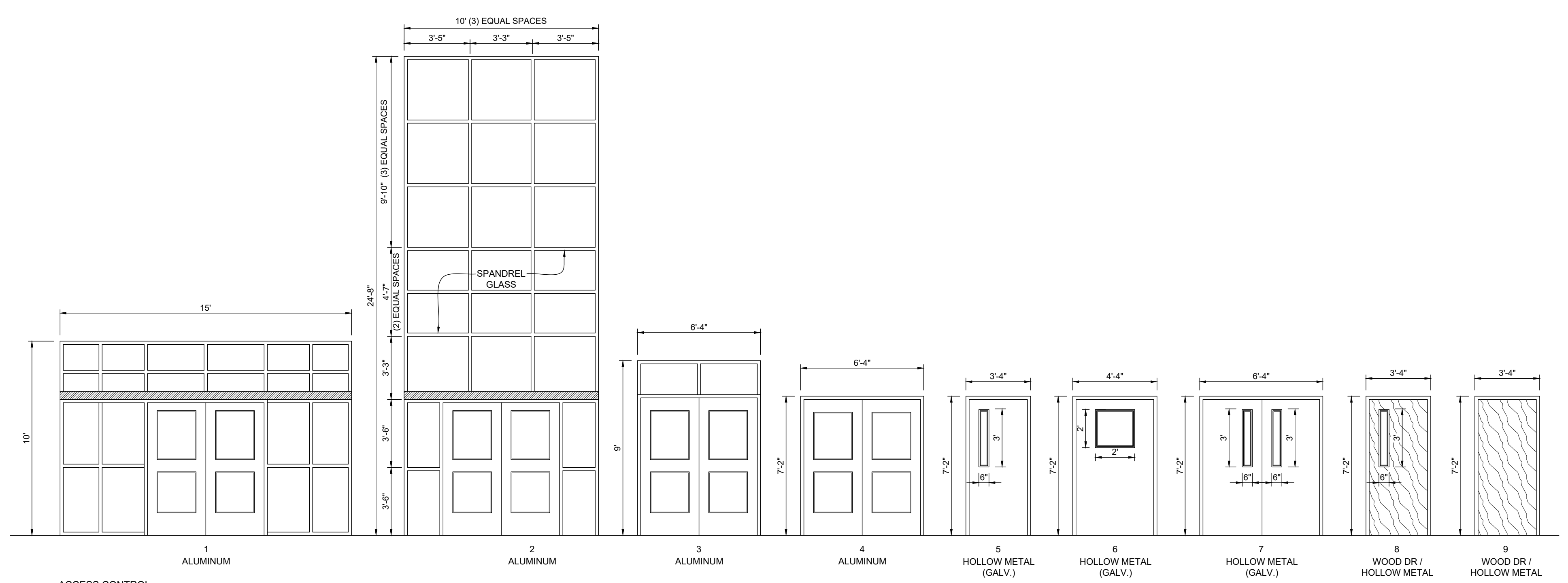
- ACCESS DOOR NUMBERING
- SECURITY DOOR HARDWARE
- IDF ACCESS HARDWARE
- SECURITY FILM

PLAN NORTH  
**FIRST FLOOR OVERALL FLOOR PLAN**  
 01 SCALE: 1/16" = 1'-0"

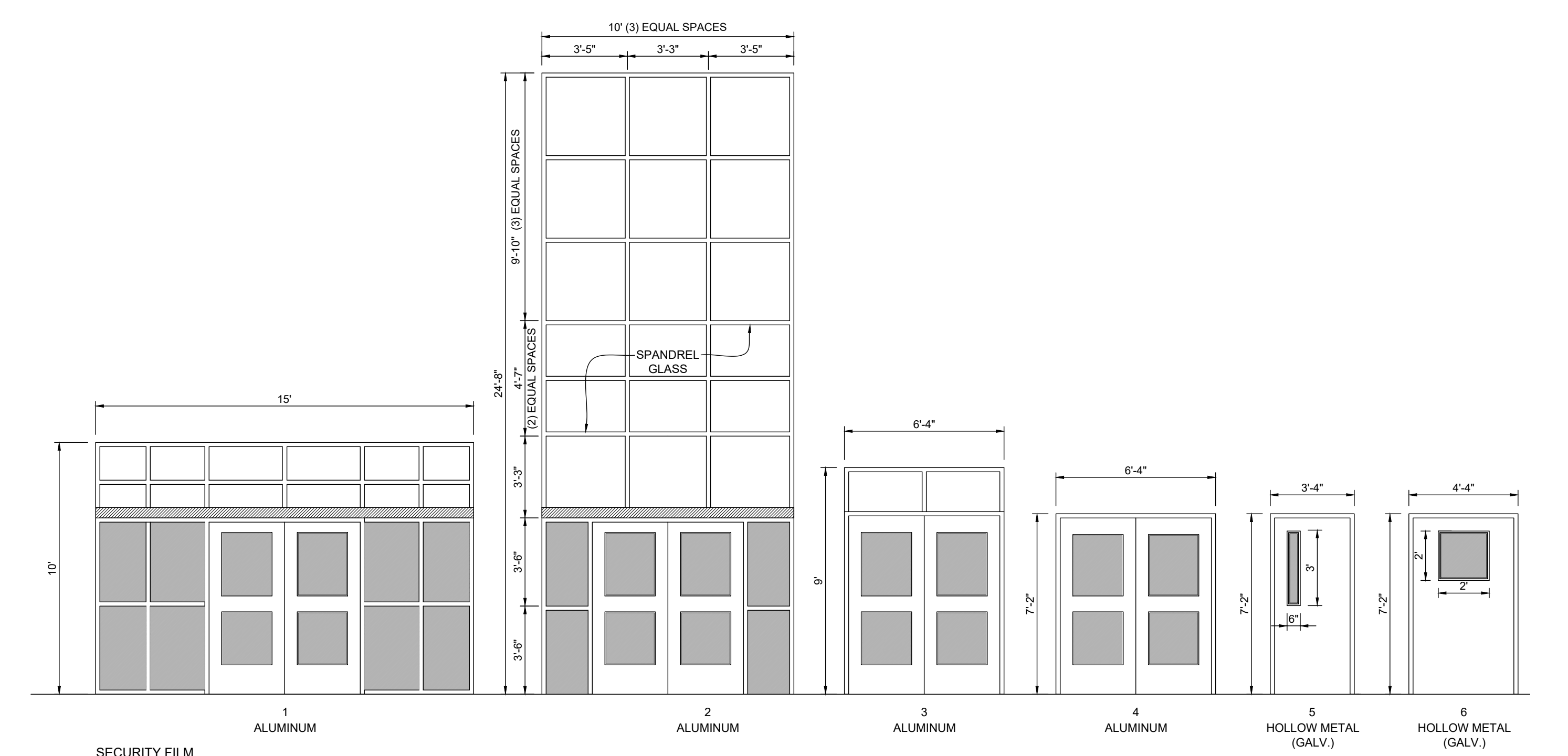
**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 ELSA, TEXAS



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 Scale: As Noted  
 Project Architect: Raul Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:



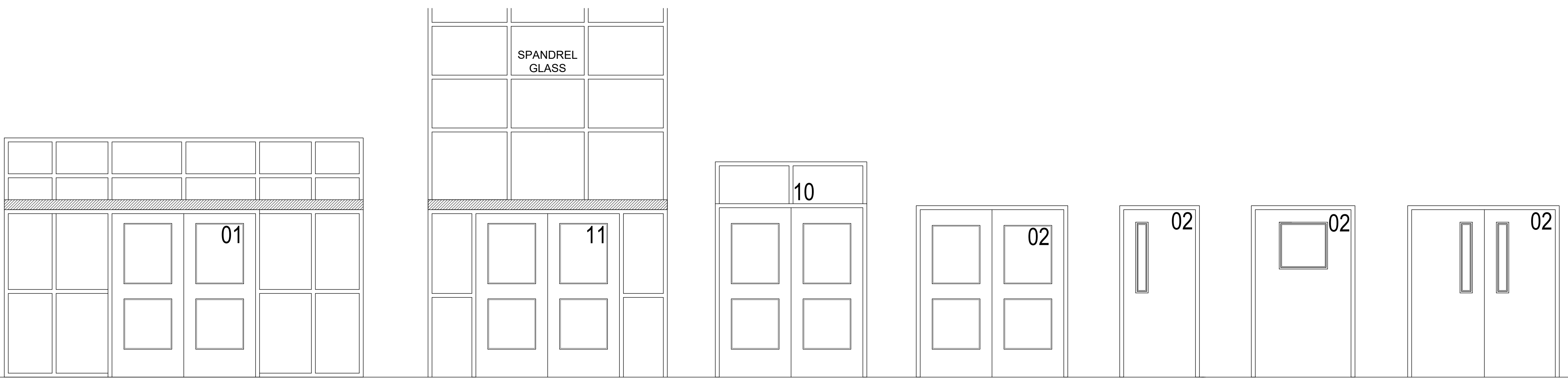
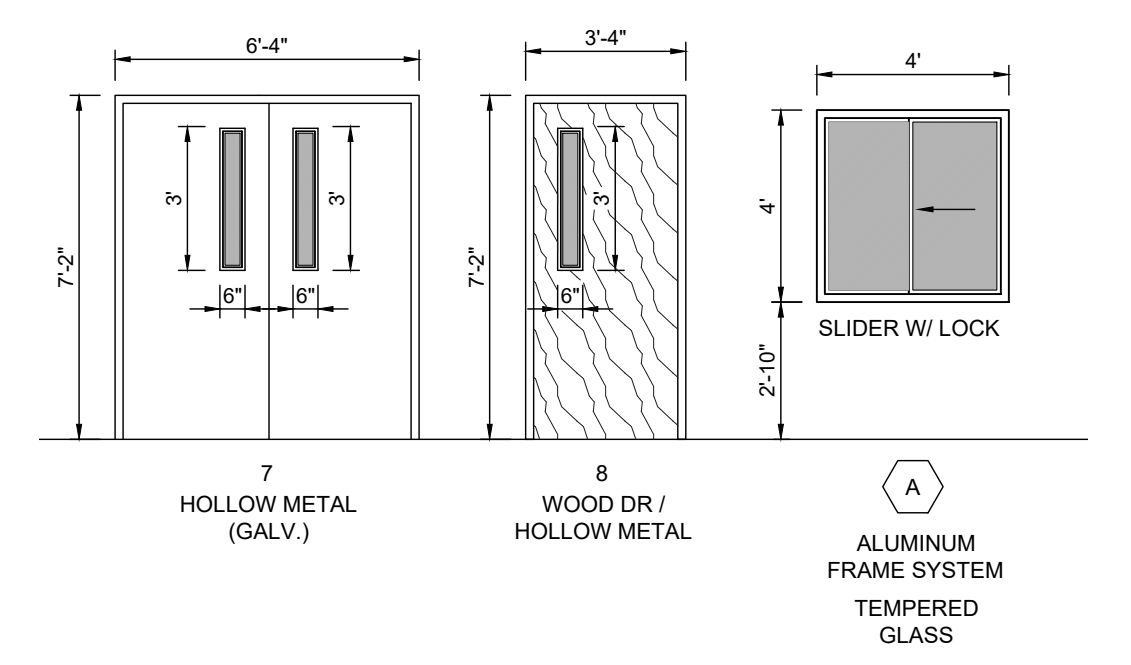
ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"



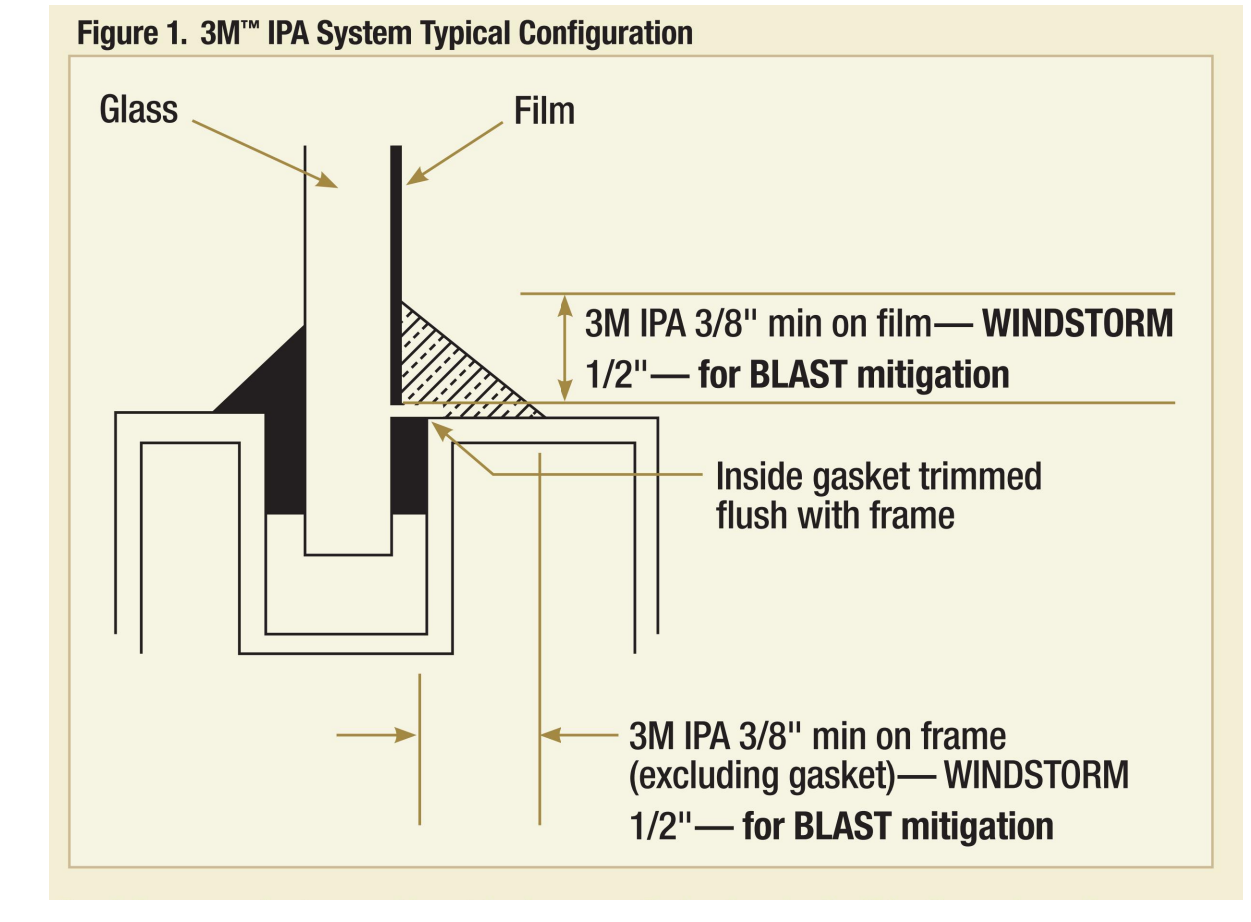
SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/8" = 1'-0"

ACCESS CONTROL - DOOR SCHEDULE											
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	T	MATL.	W			H	T
100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	15'-0"	10'-0"	4 - 1/2"	A	
200A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	24'-8"	4 - 1/2"	A	
202	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
200B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
141	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
146	05	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	E	
154	06	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	D	
156A	07	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
156B	07	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
130	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
138B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
137	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
138A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	24'-8"	4 - 1/2"	A	
226	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
112	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
143	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
337	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
297	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM

WINDOW FILM - DOOR / WINDOW SCHEDULE										
BLDG	FRAME NO.	DOOR			FRAME			REMARKS		
		MATL.	W	H	T	MATL.	W		H	T
100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	15'-0"	10'-0"	4 - 1/2"	
101	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
118	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
127	A					ALUM.	4'-0"	4'-0"	4 - 1/2"	
201	A					ALUM.	4'-0"	4'-0"	4 - 1/2"	
200A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	24'-8"	4 - 1/2"	
202	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
200B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
141	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	
146	05	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
154	06	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	
156A	07	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	
156B	07	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	
130	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
138B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
137	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
138A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	24'-8"	4 - 1/2"	

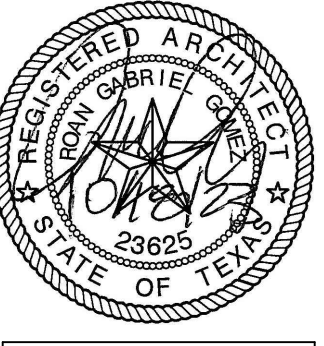


**01 DOOR NUMBER LOCATIONS**  
ALL LETTERS SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.  
REFER TO A2.00 SERIES FOR DOOR LOCATIONS AND NUMBERING SEQUENCE  
ACCESS DOOR NUMBERING (XX)



**02 FILM DETAIL**  
NOT TO SCALE

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Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: CG, IO, JA  
Job No: IDEA SECURITY  
Sheet:

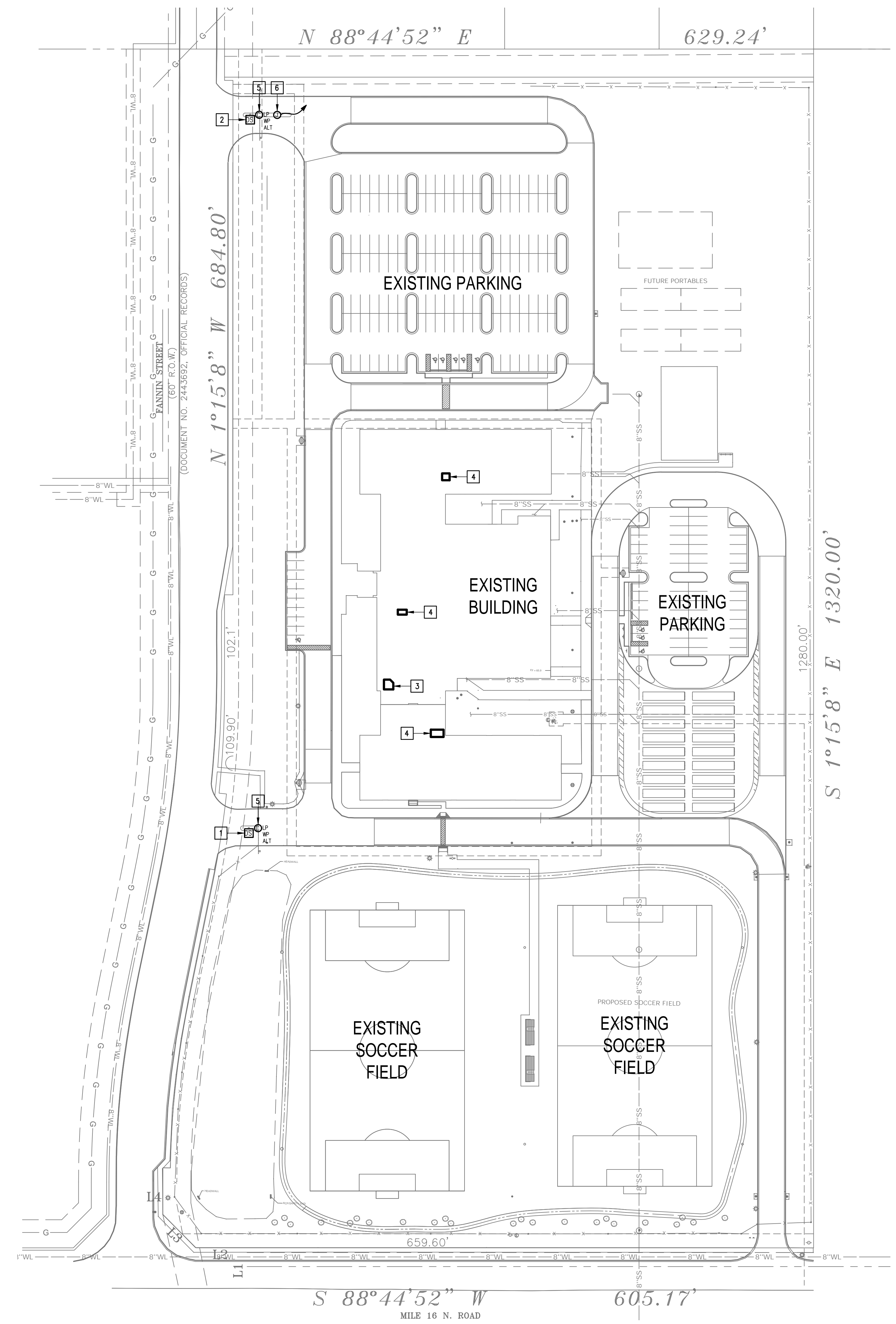
No.	REVISIONS	BY



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1150 Paredes Line Rd.  
Brownsville TX 78526  
(956) 546-0110  
fax (956) 546-0196

**KEYED NOTES:**

- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 3 EXISTING MDF ROOM.
- 4 EXISTING IDF ROOM.
- 5 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 6 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.



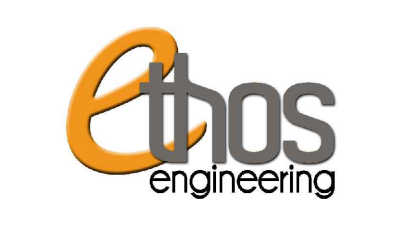
IDEA ELSA  
TECHNOLOGY PLAN (SITE PLAN)  
SCALE: 1" = 60'-0"



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Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No.: 22290  
Sheet:

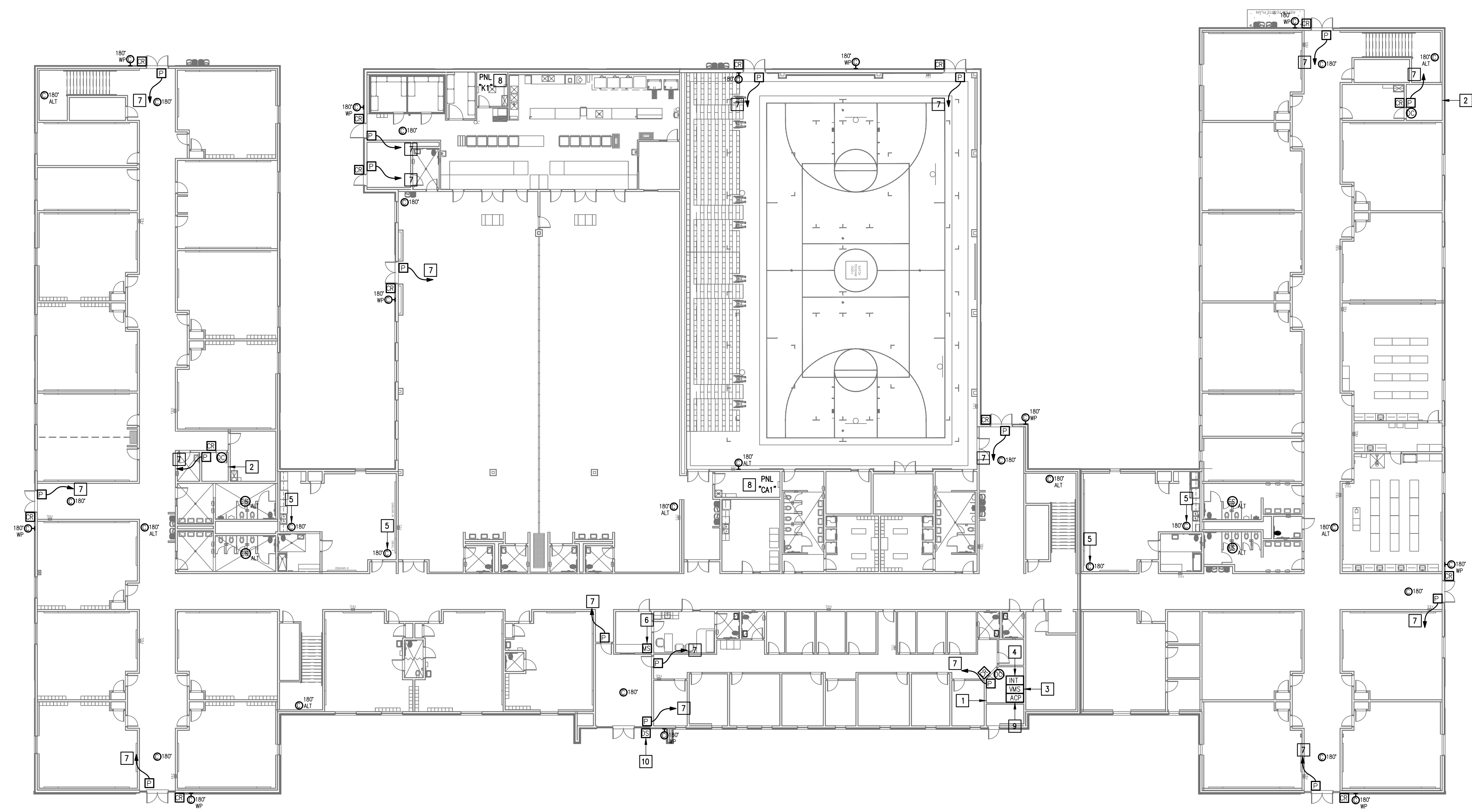


**GENERAL NOTES:**

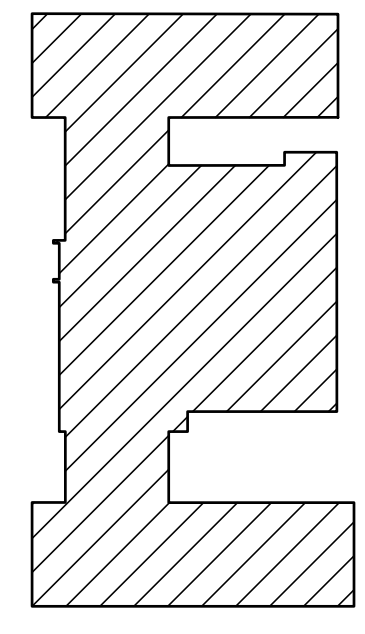
1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- 1 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 4 EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL GEM-X255.
- 5 EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- 6 EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- 7 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 8 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 9 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- 10 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.



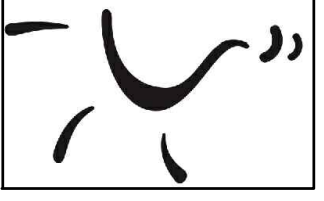
IDEA ELSA  
**TECHNOLOGY PLAN (FIRST FLOOR)**  
 01 SCALE : 1/16" = 1'-0" 



KEYPLAN

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 ELSA, TEXAS

**IDEA**  
 Public Schools



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 Interior Designers

Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C. G.  
 Job No: 22990  
 Sheet: E2.01



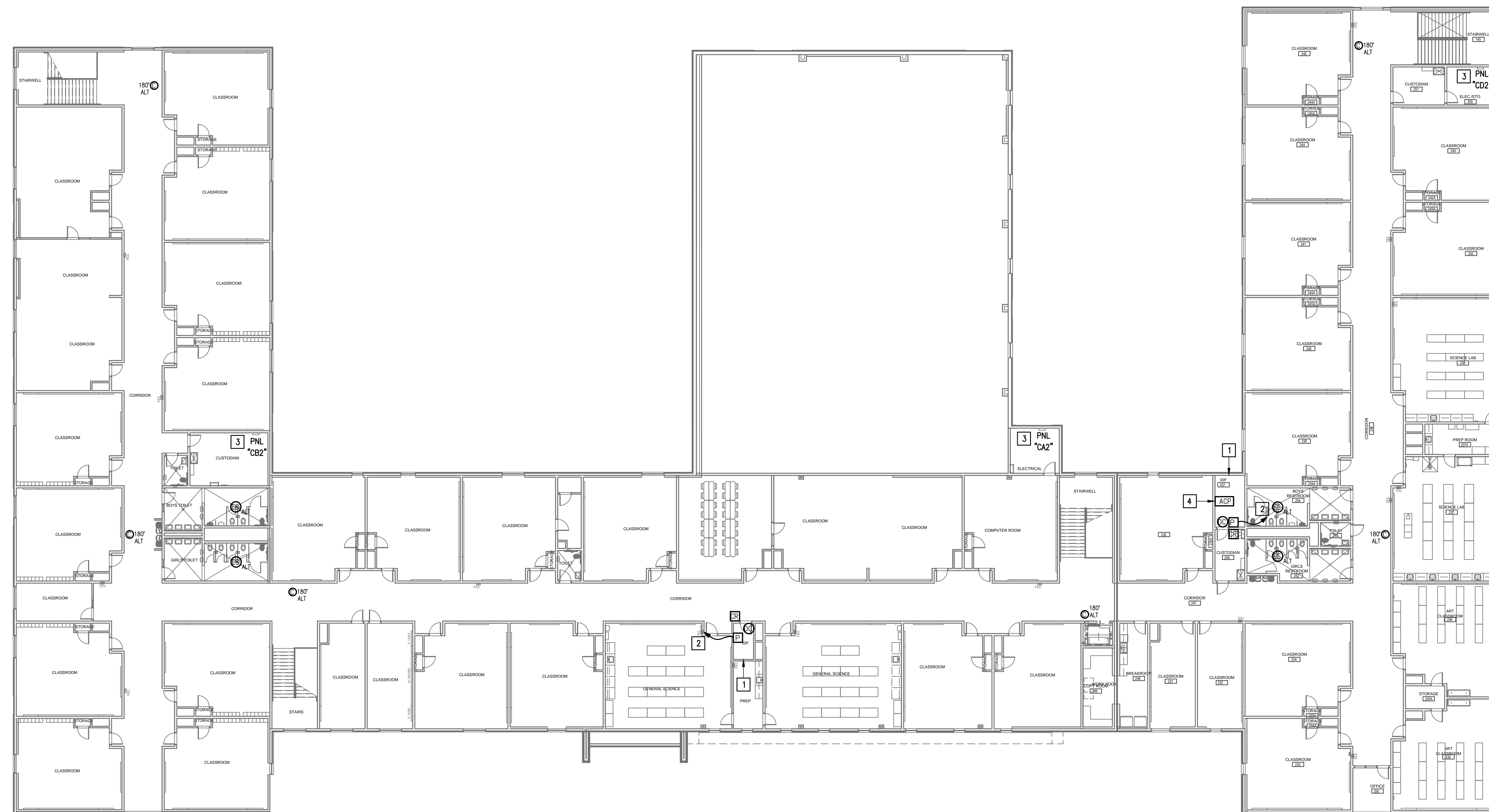
E2.01

**GENERAL NOTES:**

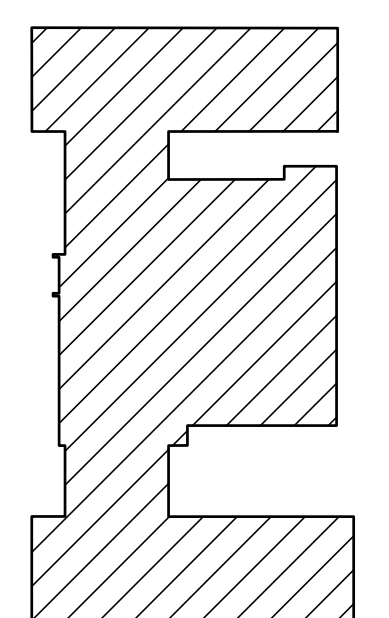
- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (W/REMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.

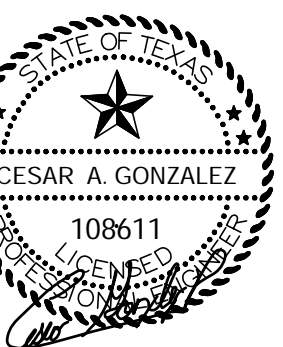


**IDEA ELSA  
TECHNOLOGY PLAN (SECOND FLOOR)**  
01 SCALE : 1/16" = 1'-0"



KEYPLAN

**IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS**  
 ELSA, TEXAS  
**IDEA Public Schools**



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Date: 10/24/2023

Scale: As Noted

Project Architect: Roan Gomez, AIA

Drawn By: C.G.

Job No: 22090

Sheet:



**E2.02**



GMS ARCHITECTS

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HARLINGEN, TEXAS



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Interior Designers

Date: 01/2023

Scale: As Noted

Project Architect: Rogan Gomez, AIA

Drawn By: CG, ID, JA

Job No: IDEA SECURITY

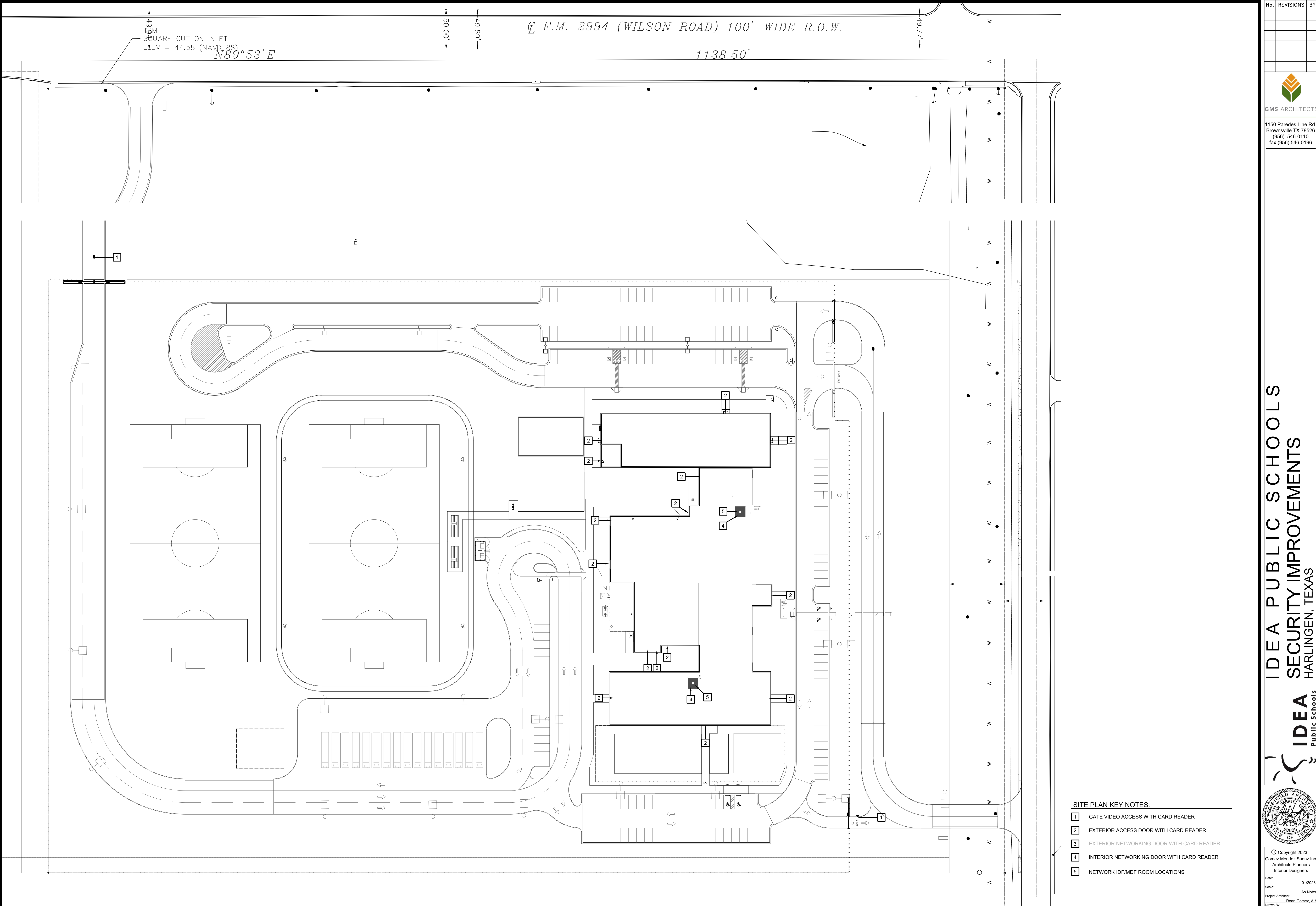
Sheet:

A1.01

℄ F.M. 2994 (WILSON ROAD) 100' WIDE R.O.W.

1138.50'

SQUARE CUT ON INLET  
ELEV = 44.58 (NAVD 88)  
N89°53'E



SITE PLAN KEY NOTES:

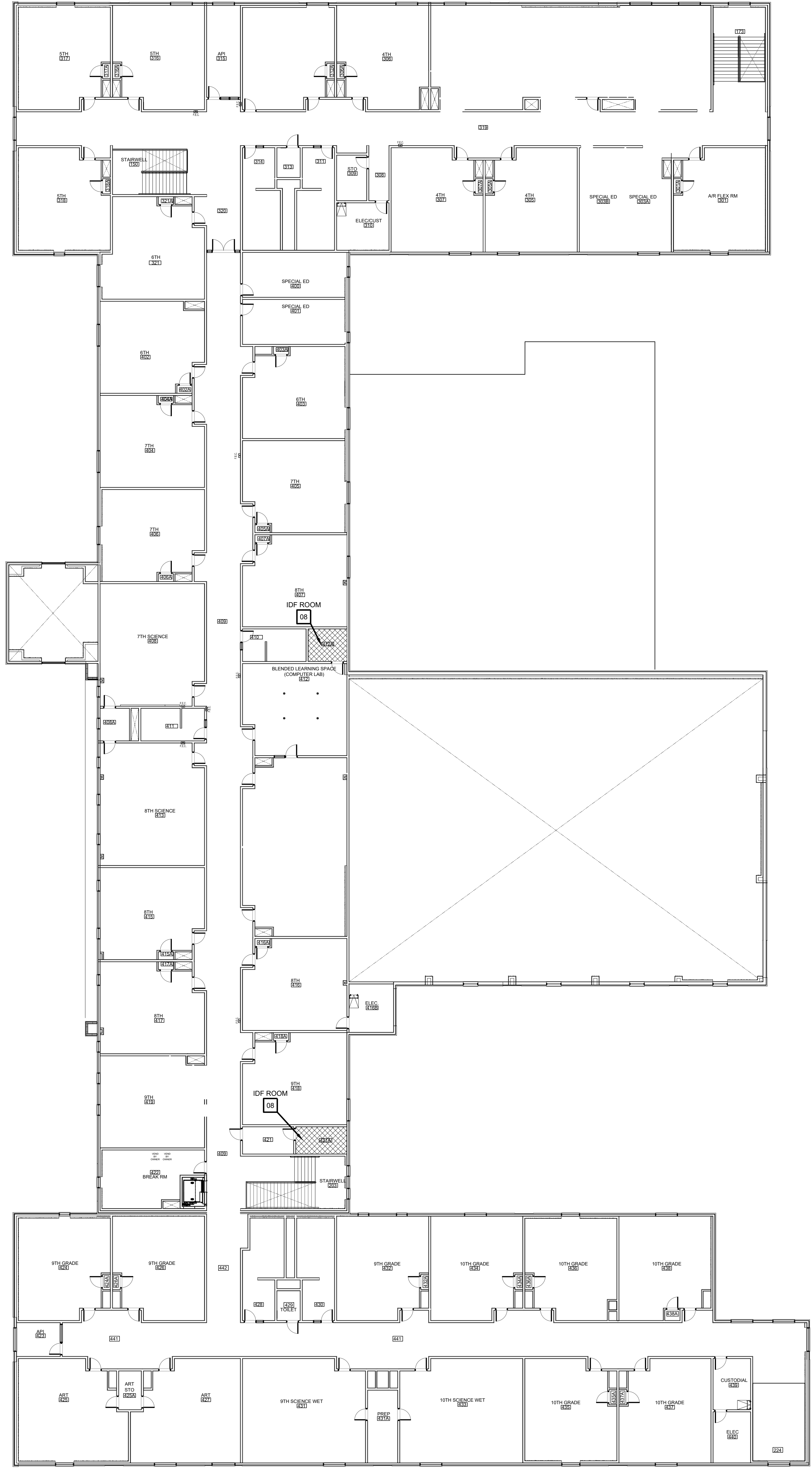
- 1 GATE VIDEO ACCESS WITH CARD READER
- 2 EXTERIOR ACCESS DOOR WITH CARD READER
- 3 EXTERIOR NETWORKING DOOR WITH CARD READER
- 4 INTERIOR NETWORKING DOOR WITH CARD READER
- 5 NETWORK IDF/MDF ROOM LOCATIONS

IDEA HARLINGEN

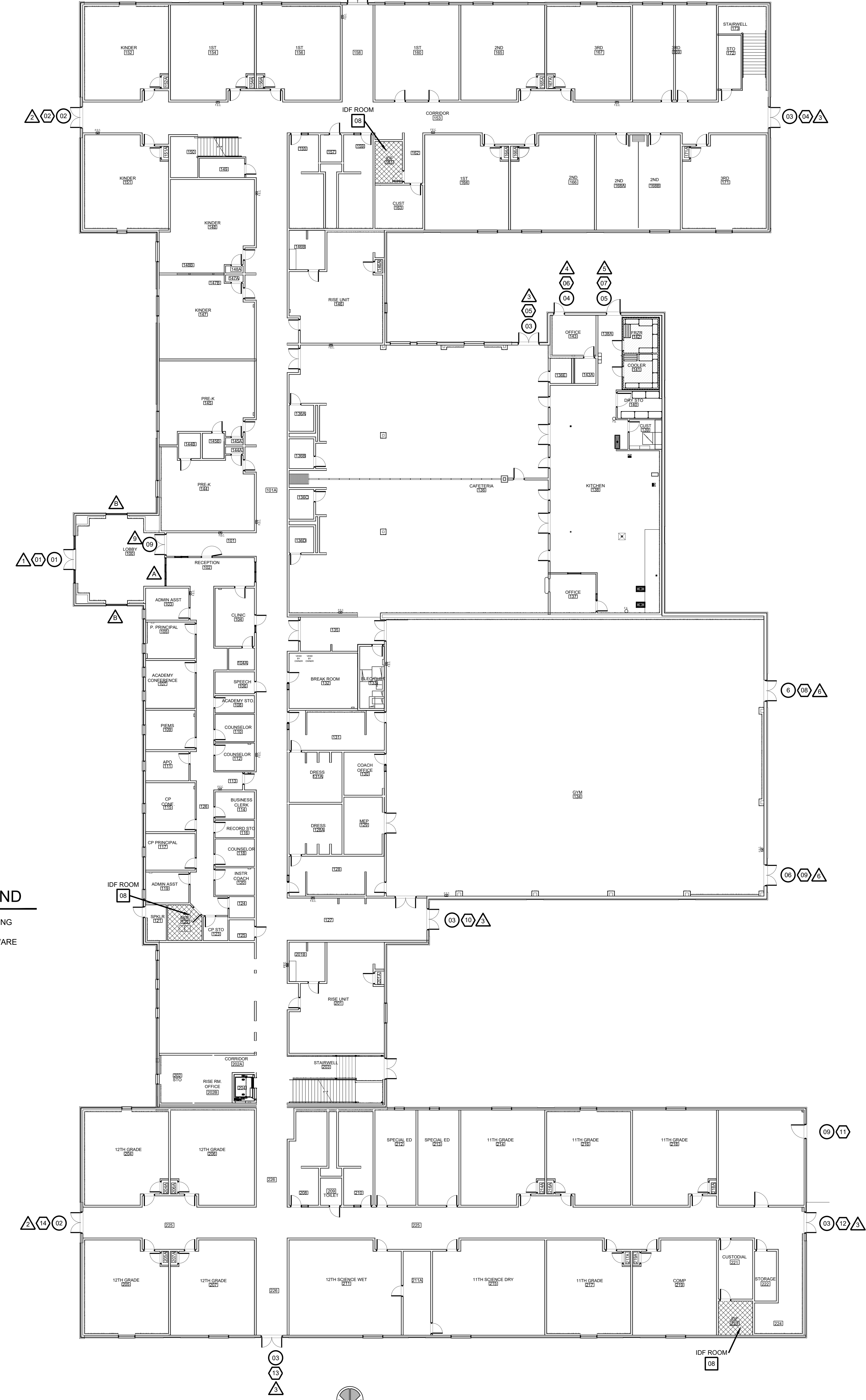
01 CAMPUS SITE PLAN  
SCALE: 1" = 50'-0"



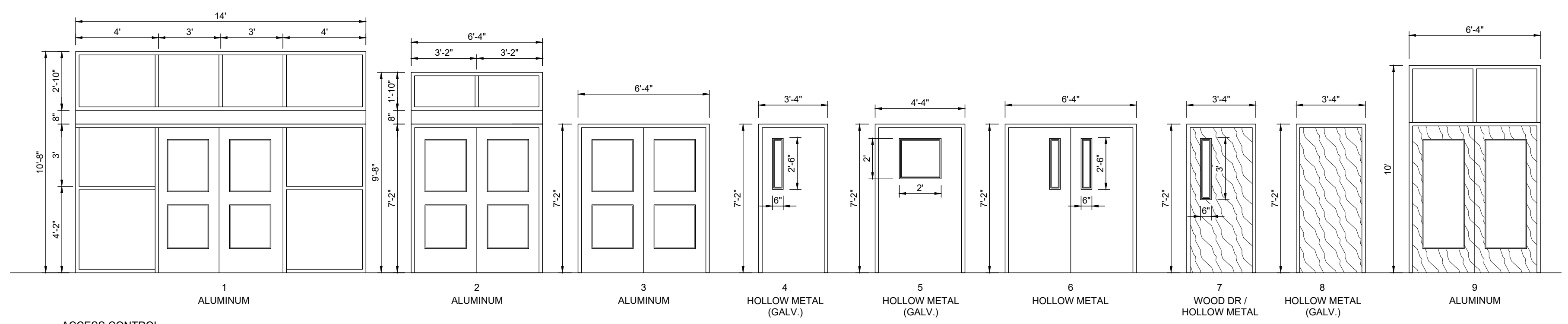




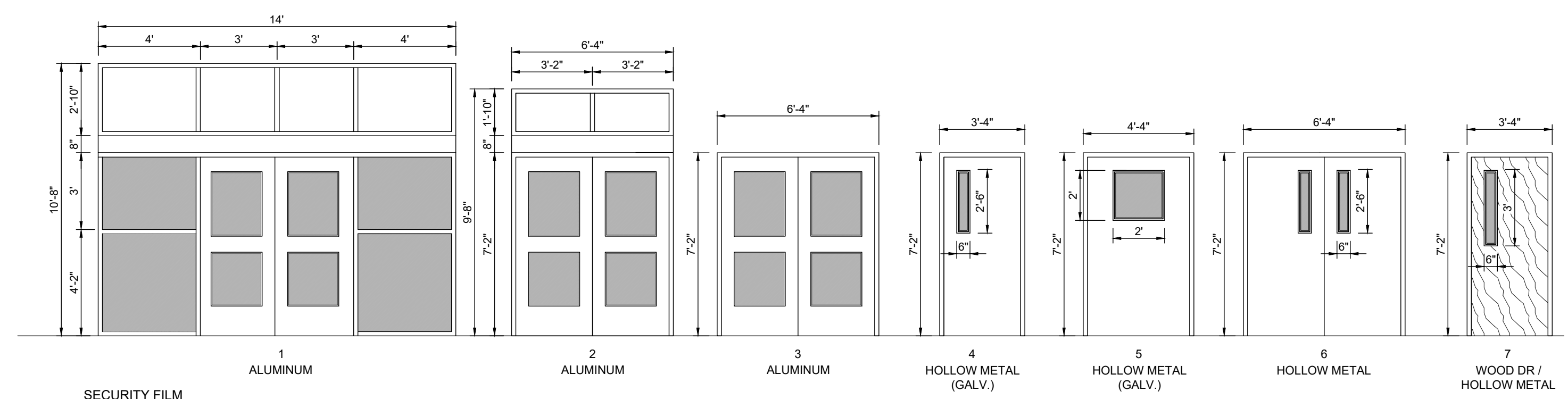
PLAN NORTH  
 SECOND FLOOR  
**02 OVERALL FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"



PLAN NORTH  
 FIRST FLOOR  
**01 OVERALL FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"



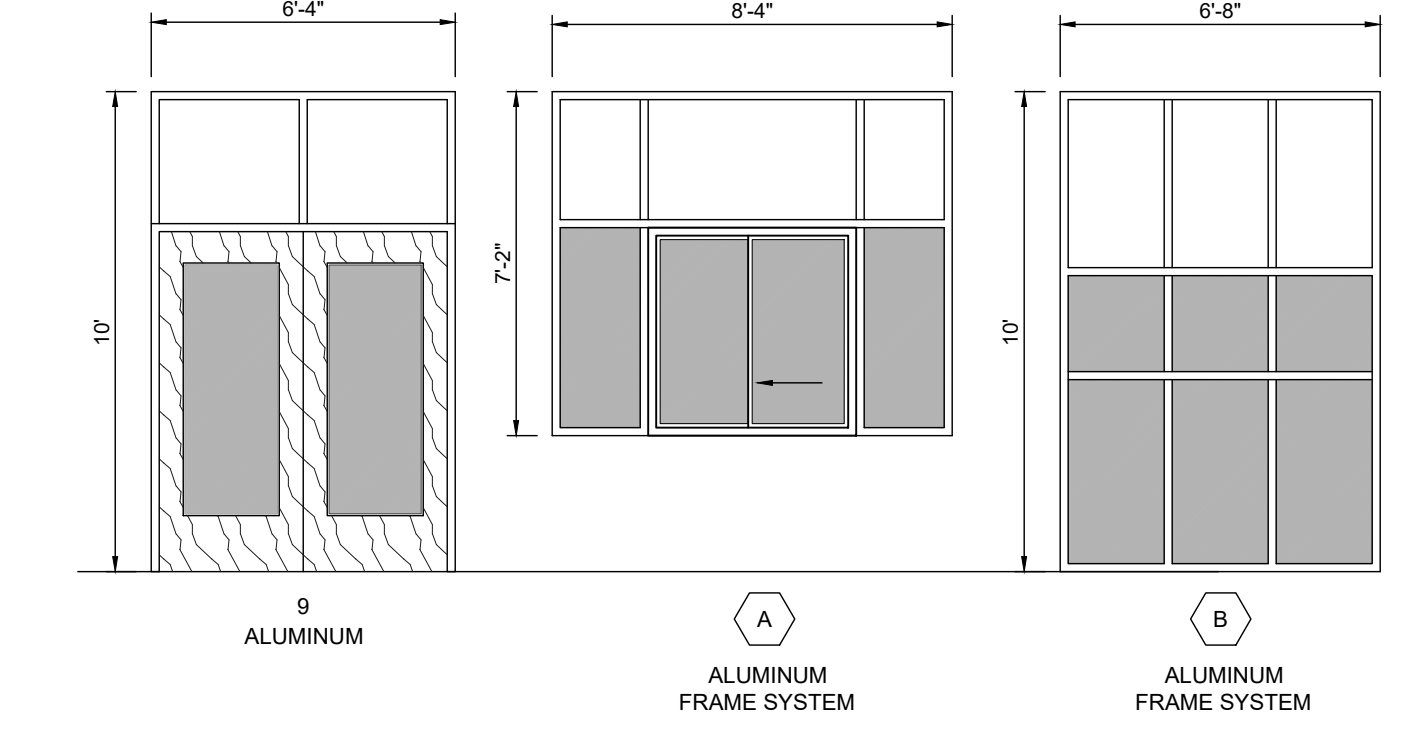
ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
 SCALE 1/4" = 1'-0"



SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
 SCALE 1/4" = 1'-0"

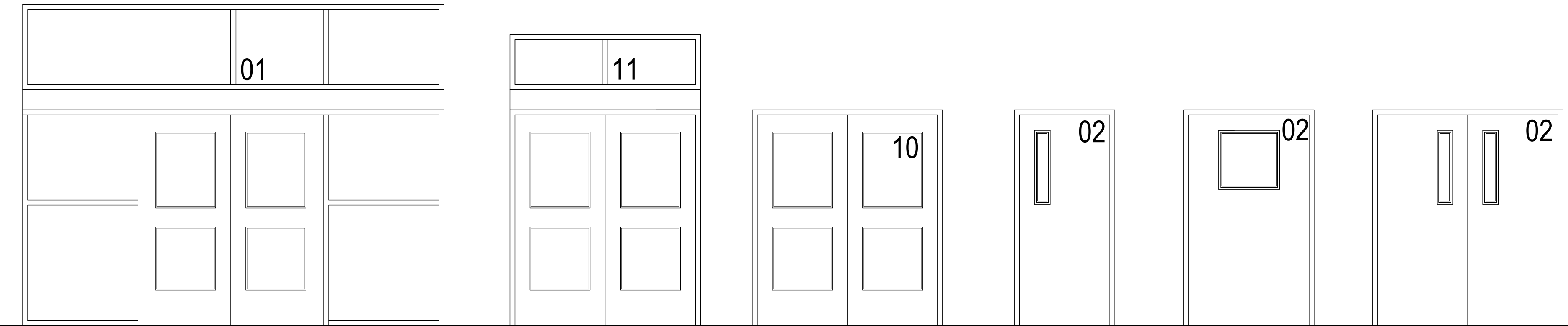
**ACCESS CONTROL - DOOR SCHEDULE**

BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS	
		MATL.	W	H	T	MATL.	W			H
100	01	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	14'-0"	10'-8"	4-1/2"	A
101	09	SC	PR-3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	A
153	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A
158	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
153	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
138	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
143	04	HM	3'-0"	7'-0"	1-3/4"	ALUM.	3'-4"	7'-2"	4-1/2"	E
138A	05	HM	4'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	D
134	06	HM	PR-3'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	B
134	06	HM	PR-3'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	B
127	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
220	09	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	10'-0"	6'-4"	4-1/2"	A
225	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
226	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
225	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A
122	08	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM
181	08	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM
223	08	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM
412A	08	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM
421A	08	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM

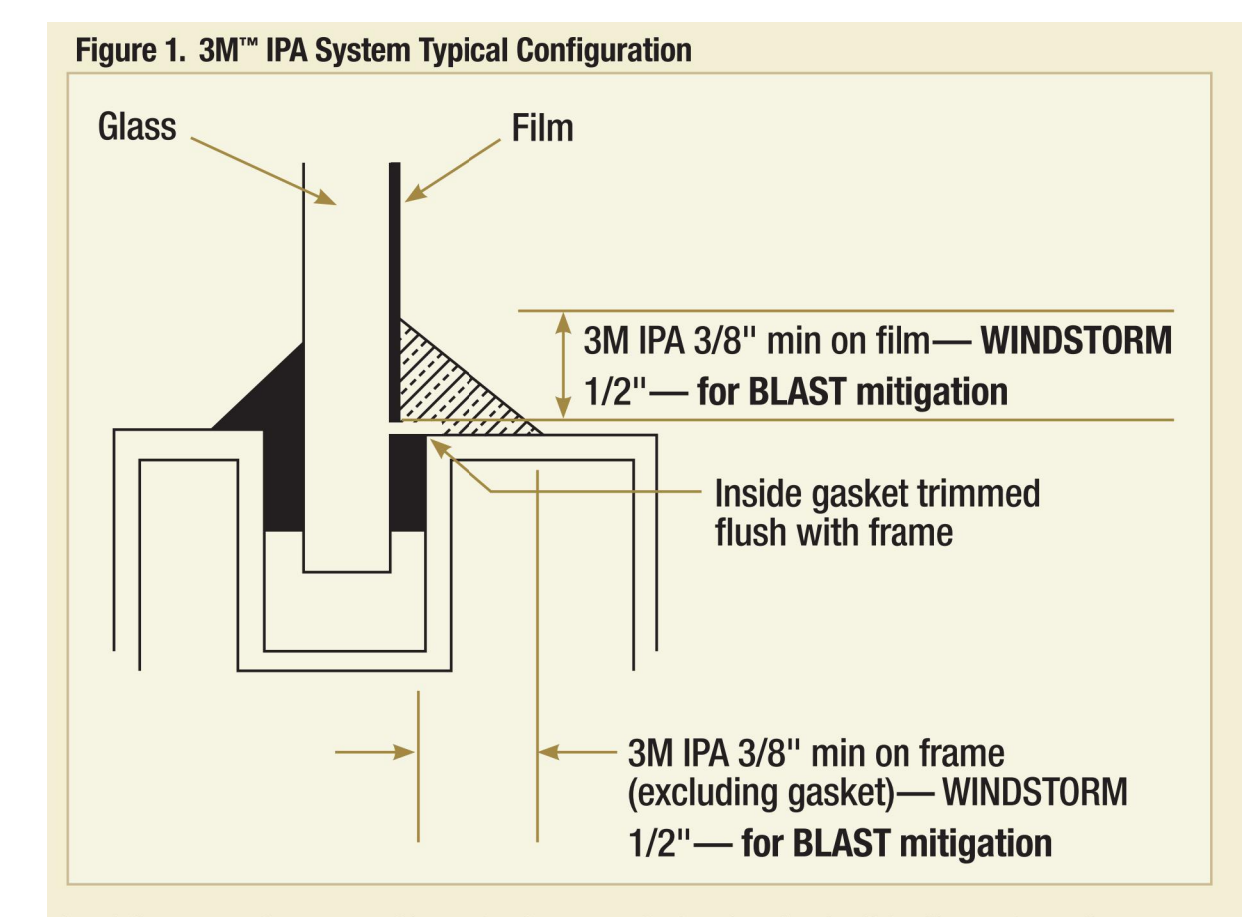


**WINDOW FILM - DOOR / WINDOW SCHEDULE**

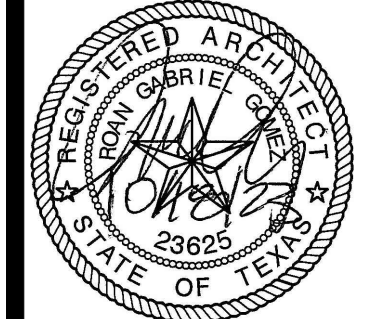
BLDG	FRAME NO.	DOOR			FRAME			REMARKS		
		MATL.	W	H	T	MATL.	W		H	T
100	01	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	15'-0"	10'-0"	4-1/2"	A
100	B					ALUM.	6'-8"	10'-0"	4-1/2"	
101	09	SC	PR-3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B
102	A					ALUM.	6'-4"	7'-2"	4-1/2"	
153	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A
158	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
153	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
138	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
143	04	HM	3'-0"	7'-0"	1-3/4"	ALUM.	3'-4"	7'-2"	4-1/2"	E
138A	05	HM	4'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	D
134	06	HM	PR-3'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	B
134	06	HM	PR-3'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	B
127	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
225	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
226	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A
225	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A

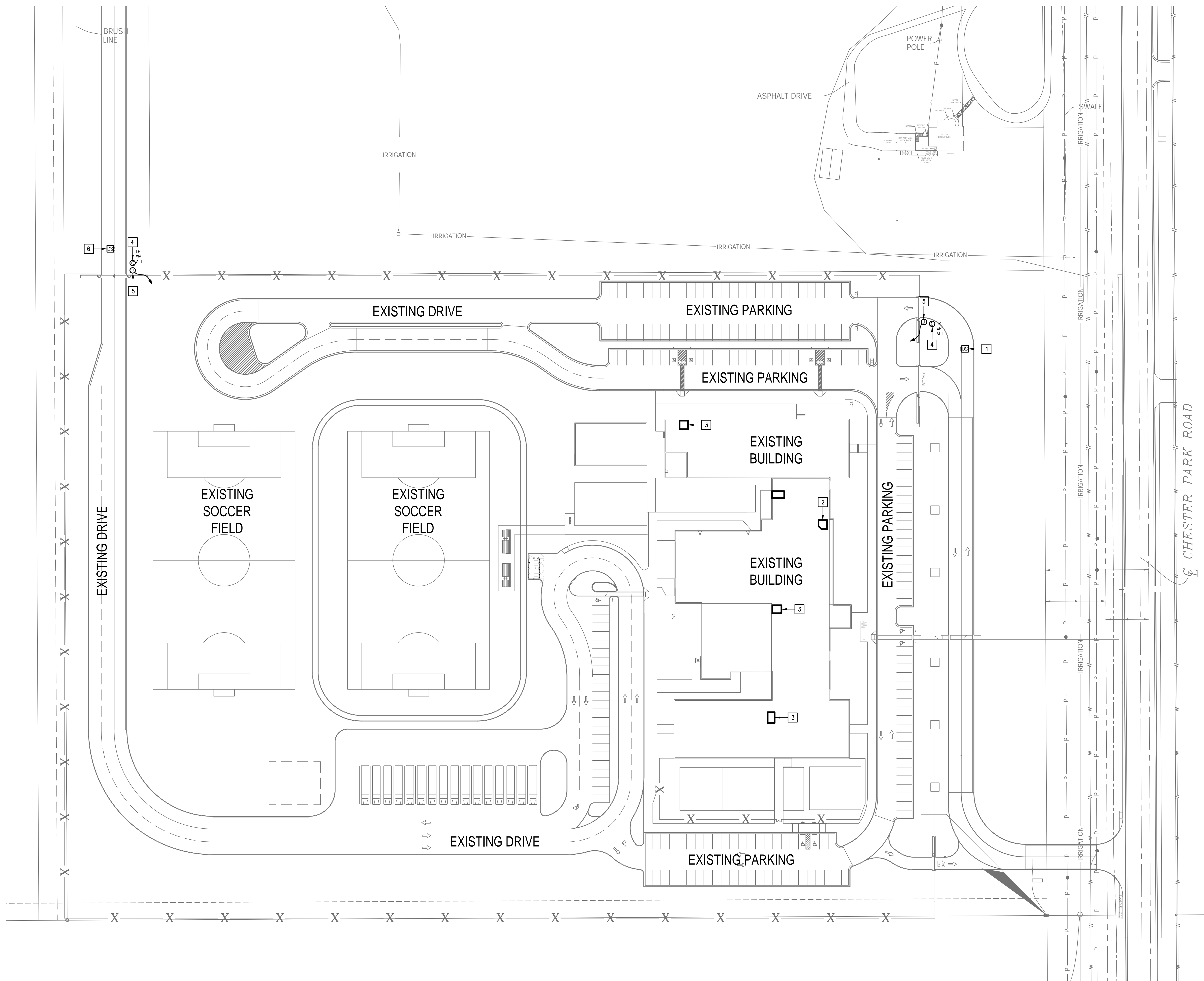


**01 DOOR NUMBER LOCATIONS**  
 ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.



**02 FILM DETAIL**  
 NOT TO SCALE



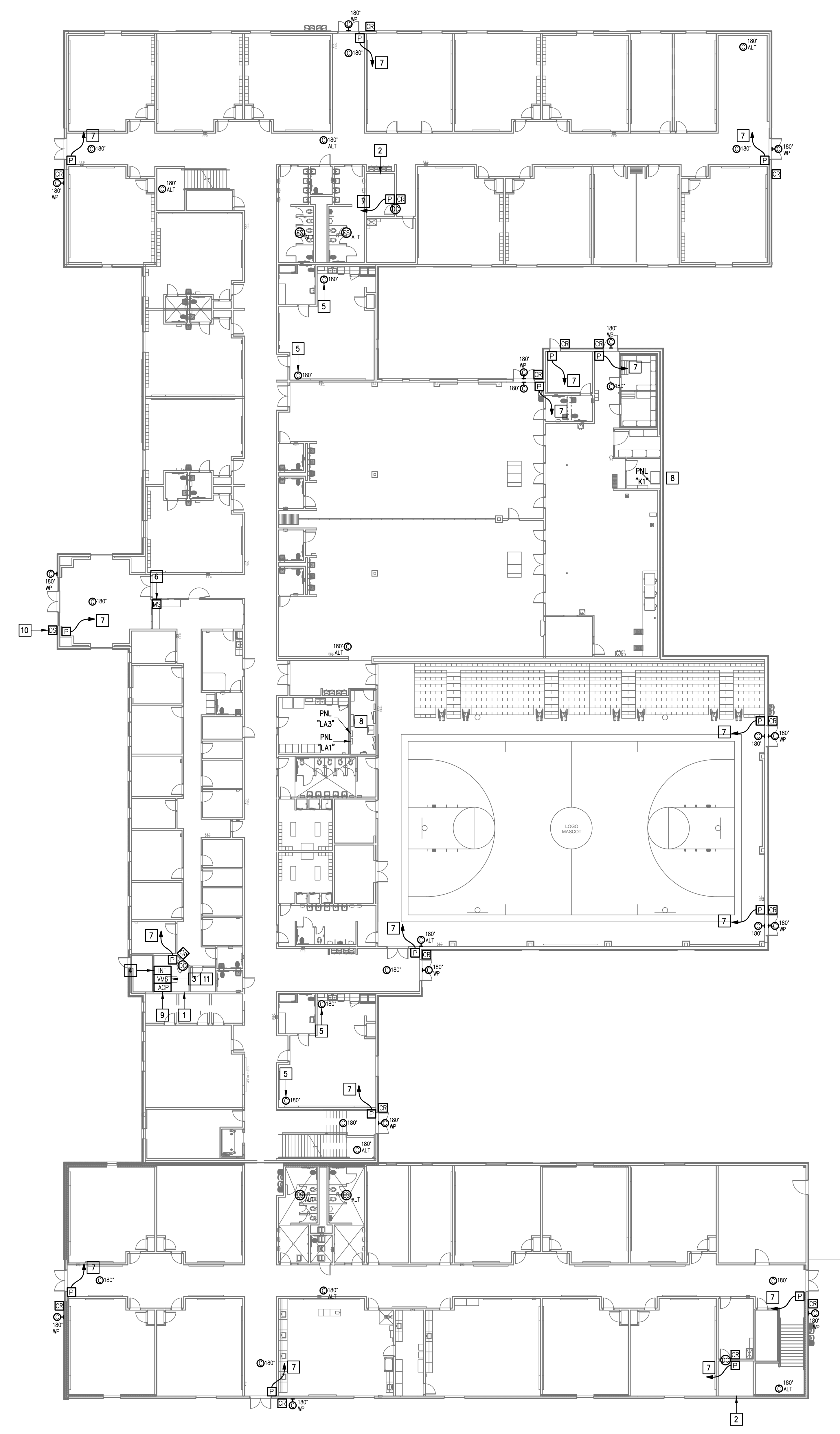


**KEYED NOTES:**

- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING MDF ROOM.
- 3 EXISTING IDF ROOM.
- 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 5 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
- 6 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.

IDEA HARLINGEN  
 TECHNOLOGY PLAN (SITE PLAN)  
 01 SCALE: 1" = 50'-0"





### GENERAL NOTES:

1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

### KEYED NOTES:

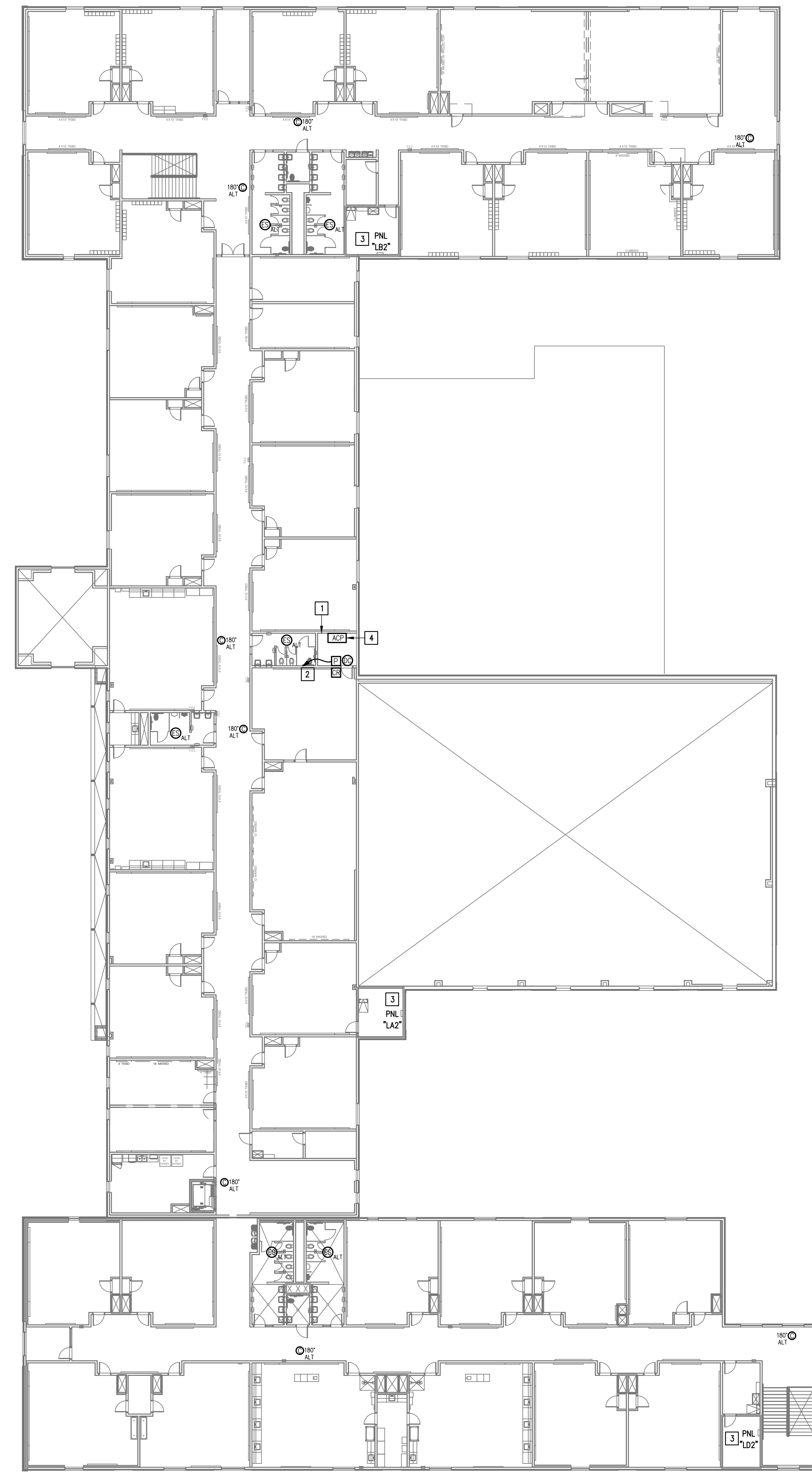
- 1 EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 4 EXISTING INTRUSION DETECTION SYSTEM PANEL BOSCH MODEL B9512G.
- 5 EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- 6 EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- 7 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 8 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 9 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- 10 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 11 EXISTING GENETEC/NORTHERN VIDEO MANAGEMENT SYSTEM.
- 12 EXISTING CCTV CAMERA TO REMAIN - TYPICAL.

**GENERAL NOTES:**

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

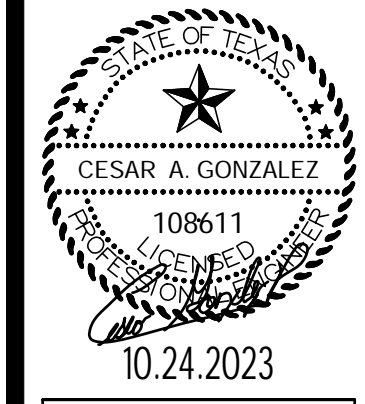
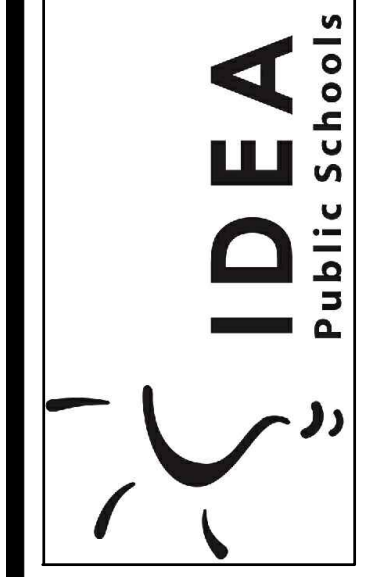
**KEYED NOTES:**

- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



IDEA HARLINGEN  
 TECHNOLOGY PLAN (2ND FLOOR)  
 01 SCALE: 1/16" = 1'-0"  


IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 HARLINGEN, TEXAS

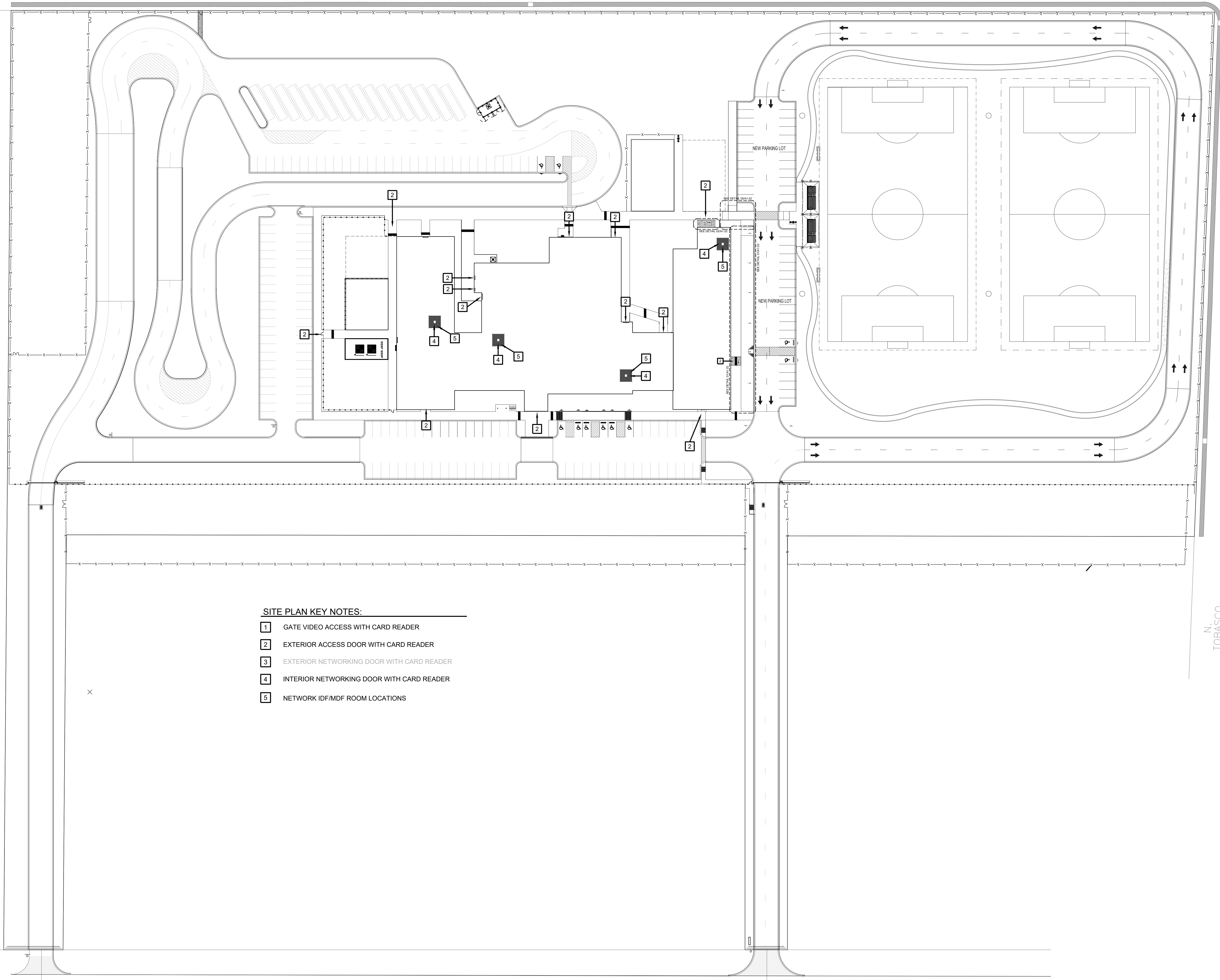


10.24.2023  
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 Architects-Planners  
 Interior Designers


Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:



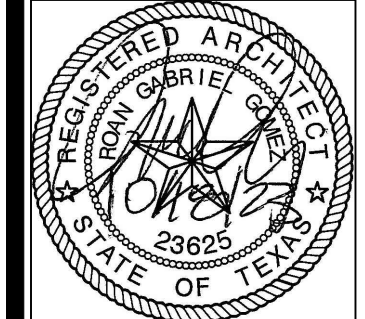
E2.02



- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS

 U.S. HIGHWAY 83  
 (200' R.O.W.)  
**01 OVERALL CAMPUS SITE PLAN**  
 SCALE: 1" = 50'-0"

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 LA JOYA, TEXAS



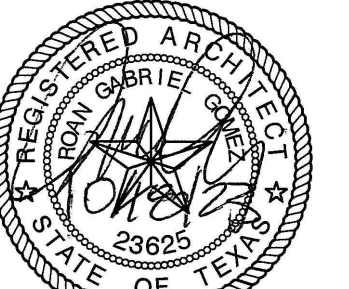
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 Architects-Planners  
 Interior Designers  
 Date: 01/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:



GMS ARCHITECTS

1150 Paredes Line Rd.  
Brownsville TX 78526  
(956) 546-0110  
fax (956) 546-0196

IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
LA JOYA, TEXAS

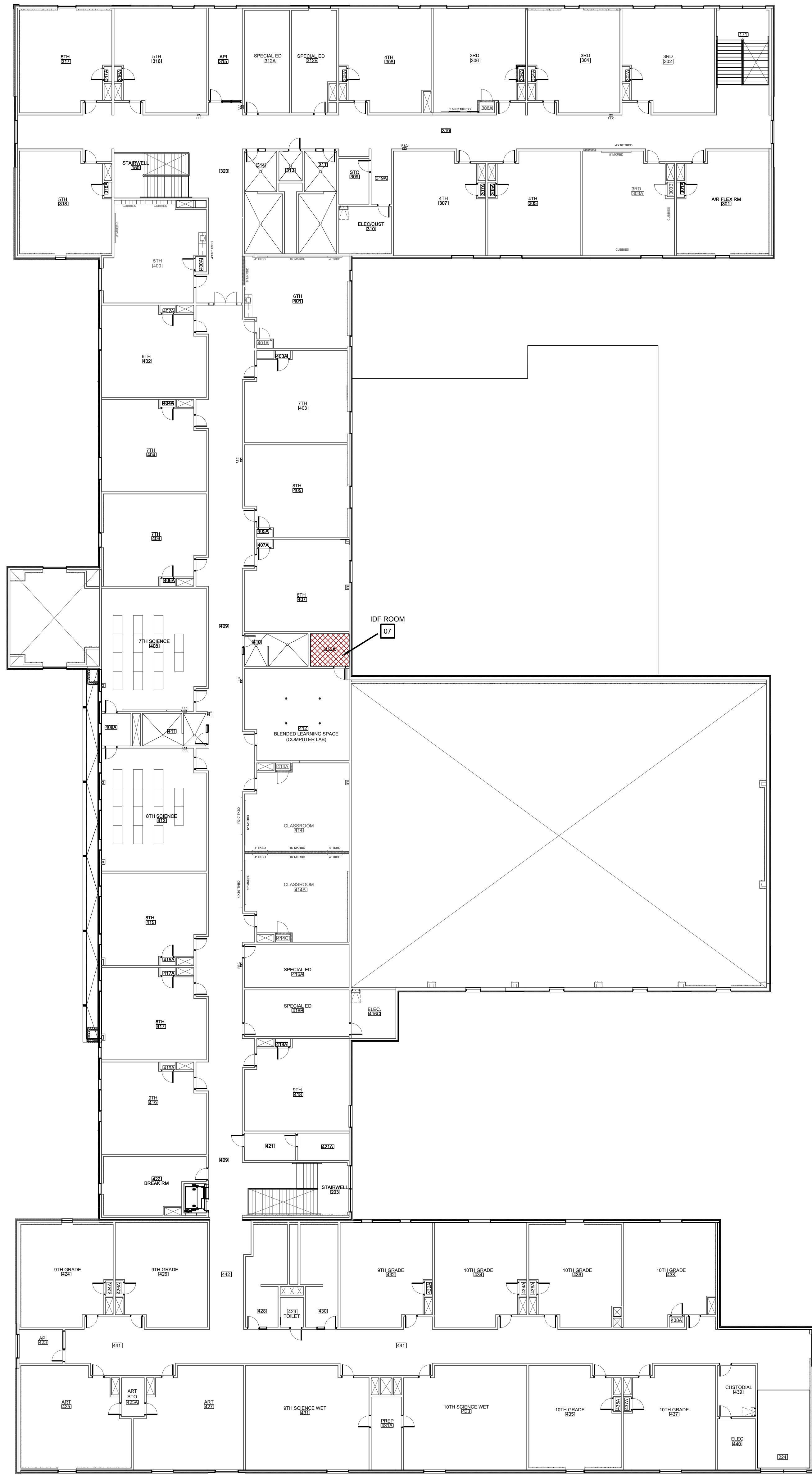


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Interior Designers

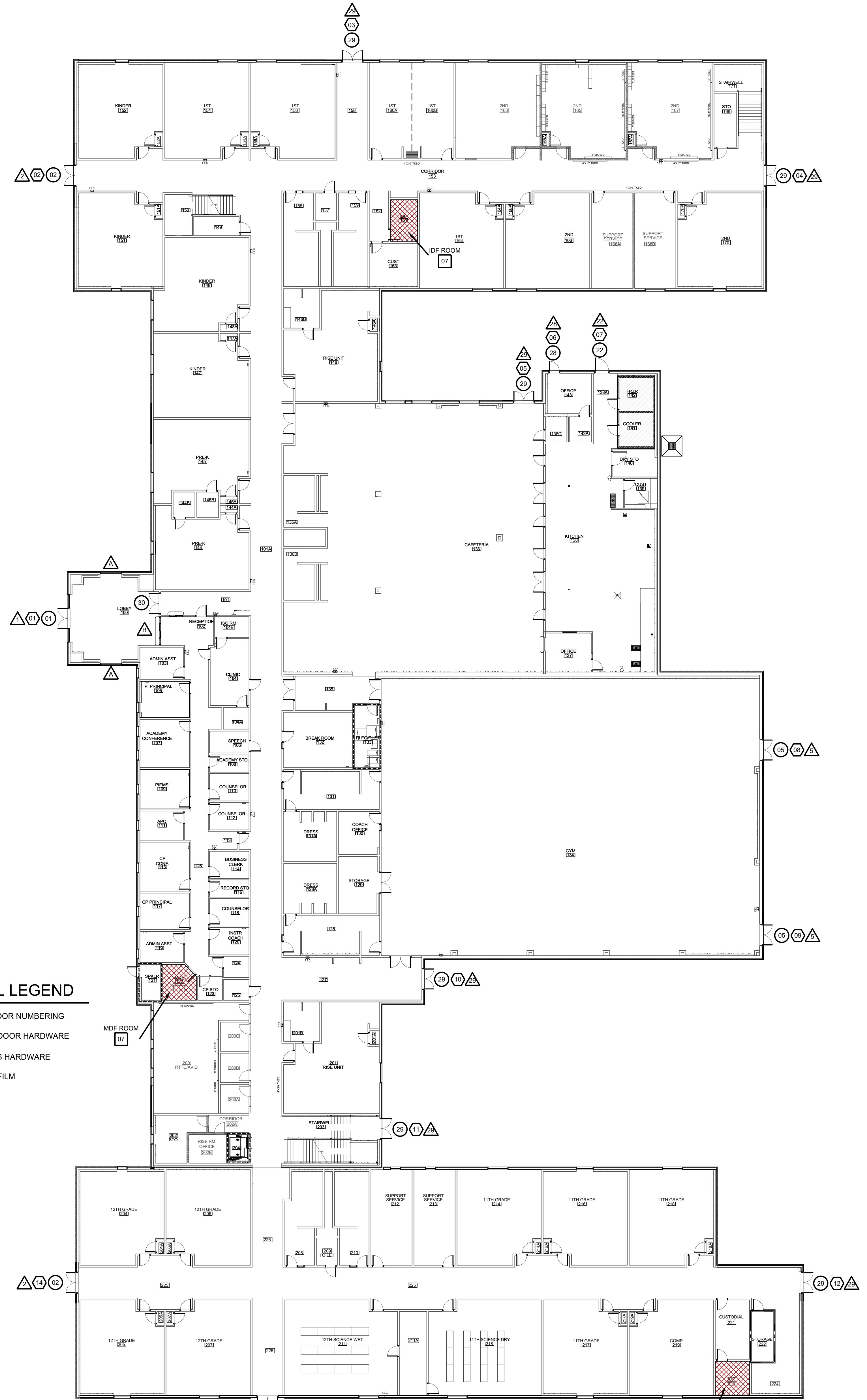
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PLAN NORTH

A2.00



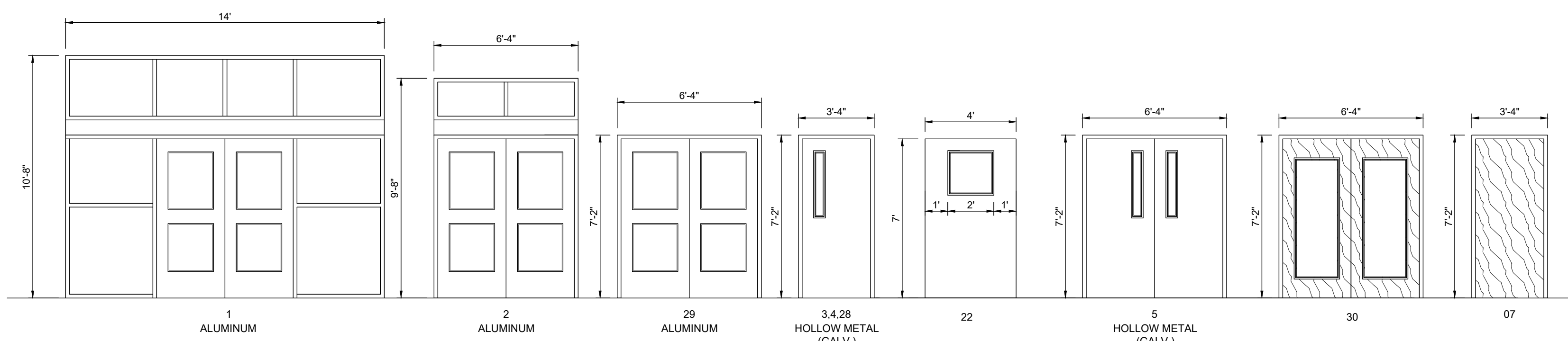
SECOND FLOOR  
02 OVERALL FLOOR PLAN  
SCALE: 1/16" = 1'-0"  
XX.XXX SQ. FT.



FIRST FLOOR  
01 OVERALL FLOOR PLAN  
SCALE: 1/16" = 1'-0"  
XX.XXX SQ. FT.

SYMBOL LEGEND

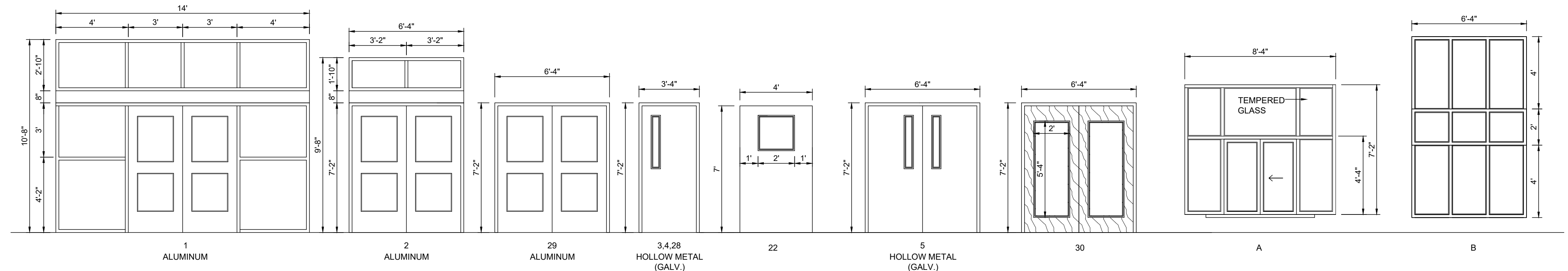
- ACCESS DOOR NUMBERING
- SECURITY DOOR HARDWARE
- IDF ACCESS HARDWARE
- SECURITY FILM



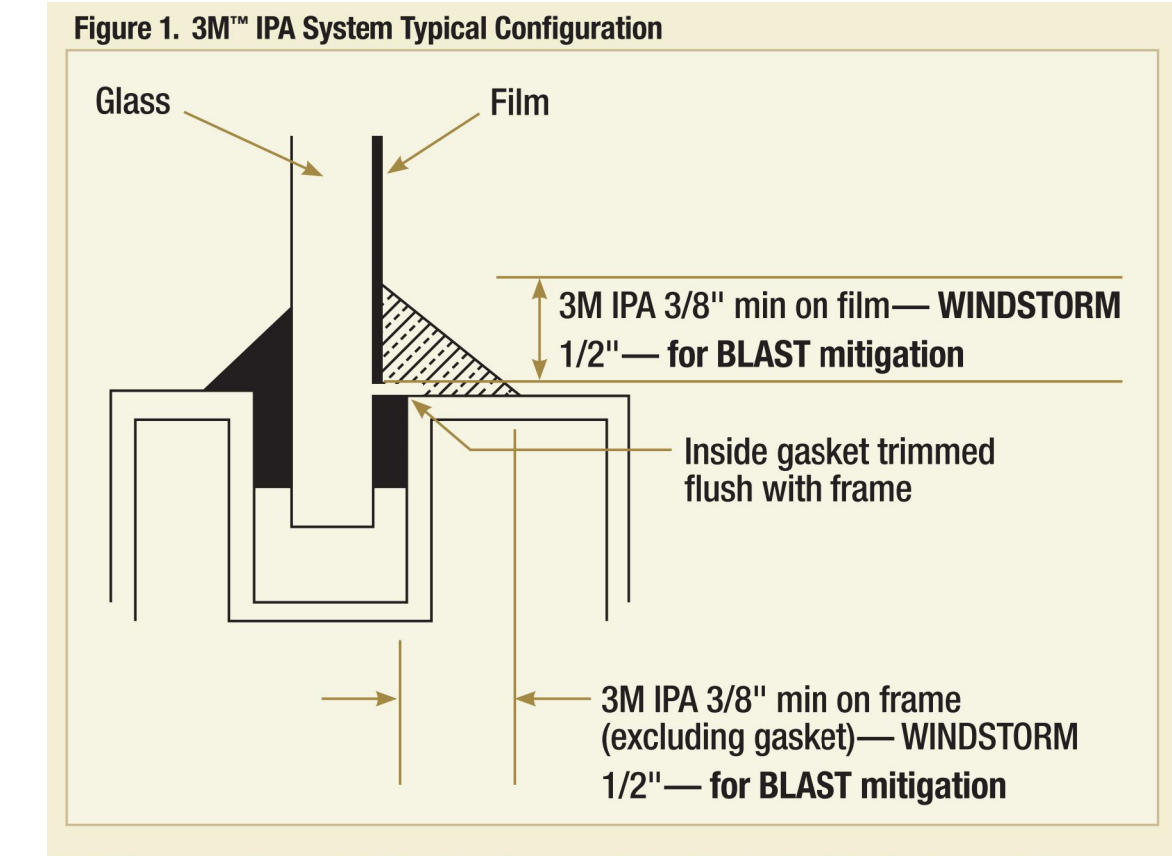
ACCESS CONTROL  
DOOR / FRAME ELEVATIONS  
SCALE 1/4" = 1'-0"

WINDOW FILM - DOOR / WINDOW SCHEDULE											
BLDG	FRAME NO.	DOOR			FRAME			REMARKS			
		MATL.	W	H	T	MATL.	W		H	T	
100	01	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	14'-0"	10'-8"	4'-1 1/2"		
101	30	WD	PR-3'-0"	7'-0"	1 3/4"	HM	6'-4"	9'-8"	4'-1 1/2"		
153	02	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-8"	4'-1 1/2"		
158	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"		
153	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"		
136	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"		
143	28	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"		
138A	22	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"		
134	05	HM	PR-3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"		
134	05	HM	PR-3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"		
127	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"		
203	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"		
225	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"		
225	02	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-8"	4'-1 1/2"		
225	02	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-8"	4'-1 1/2"		
100	B					ALUM.	6'-4"	10'-0"	4'-1 1/2"		
100	B					ALUM.	6'-4"	10'-0"	4'-1 1/2"		
102	A					ALUM.	6'-4"	7'-2"	4'-1 1/2"		

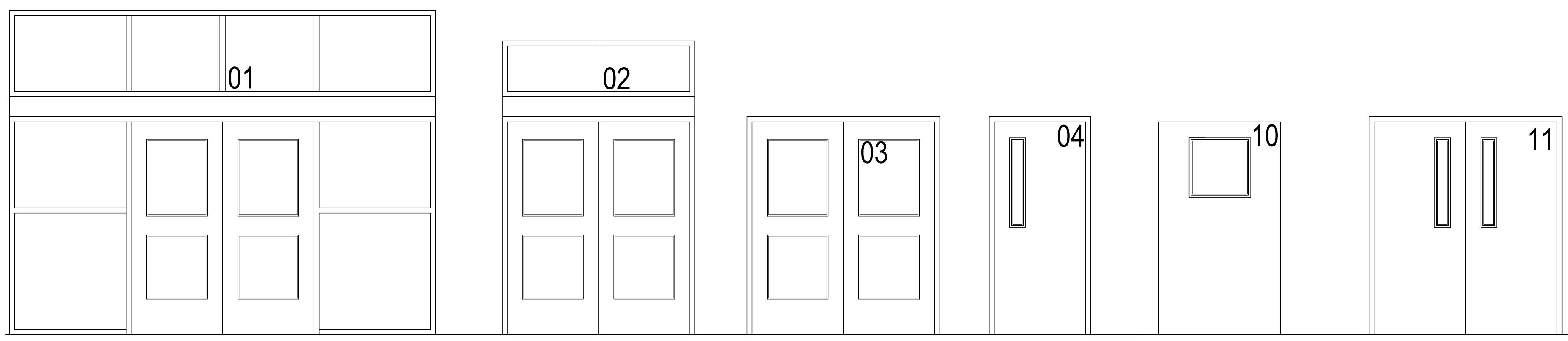
ACCESS CONTROL - DOOR SCHEDULE											
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	T	MATL.	W			H	T
100	01	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	14'-0"	10'-8"	4'-1 1/2"	A	
101	30	SC	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	10'-0"	4'-1 1/2"	A	
153	02	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-8"	4'-1 1/2"	A	
158	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
153	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
136	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
143	28	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	E	
138A	22	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	D	
134	05	HM	PR-3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
134	05	HM	PR-3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
127	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
203	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
225	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
225	02	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-8"	4'-1 1/2"	A	
226	29	ALUM.	PR-3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4'-1 1/2"	A	
122	07	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	MDF ROOM
223	07	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
412A	07	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM



SECURITY FILM  
DOOR / FRAME ELEVATIONS  
SCALE 1/4" = 1'-0"



01 FILM DETAIL  
NOT TO SCALE



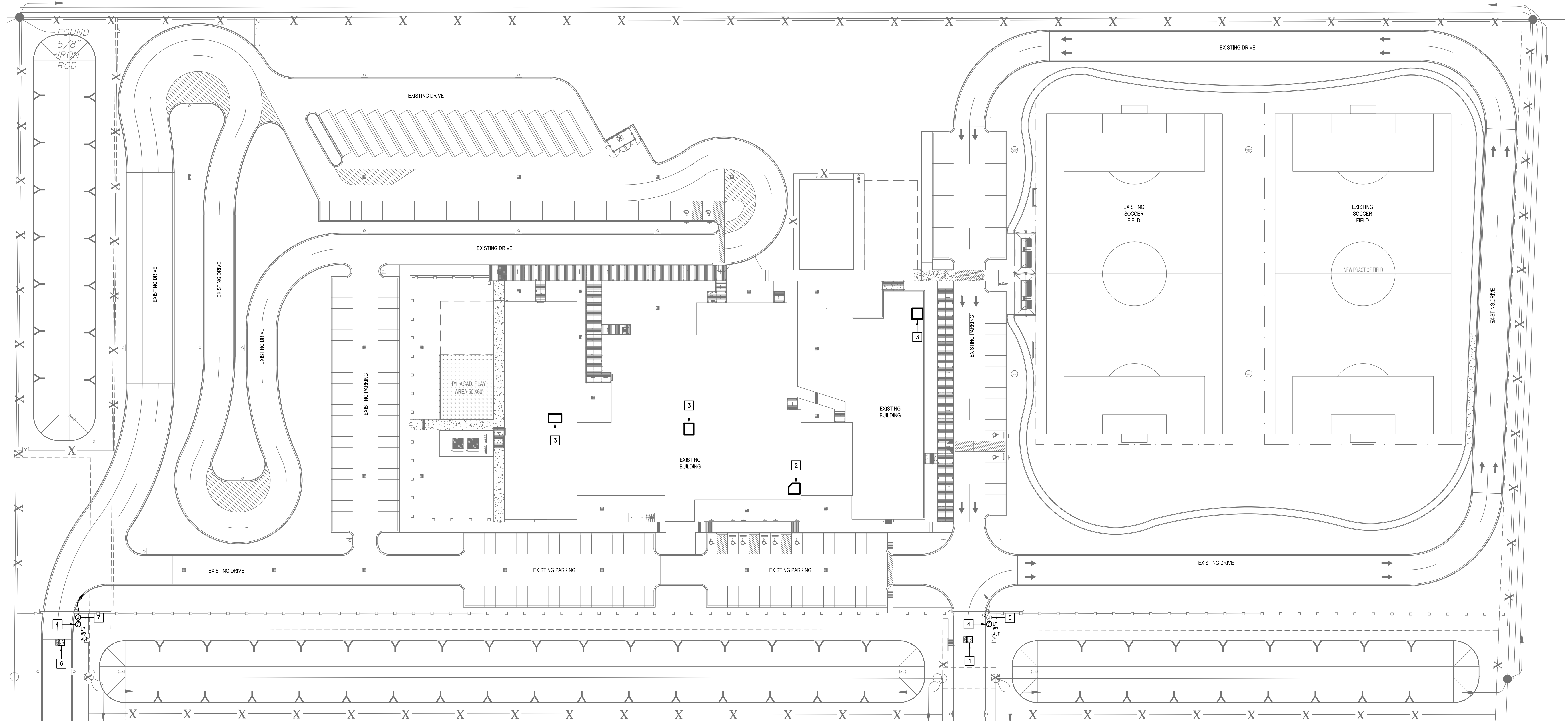
02 DOOR NUMBER LOCATION  
ALL LETTERS ARE SHALL BE 8\"/>





**KEYED NOTES:**

- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING MDF ROOM.
- 3 EXISTING IDF ROOM.
- 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 5 EXISTING GATE HARDWARE AND POWER SUPPLY.
- 6 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 7 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT; BRANCH CIRCUIT: 3/4" - 2#12 & #120.



01 IDEA LA JOYA TECHNOLOGY PLAN (SITE PLAN)  
SCALE: 1" = 40'-0"  
PLAN NORTH

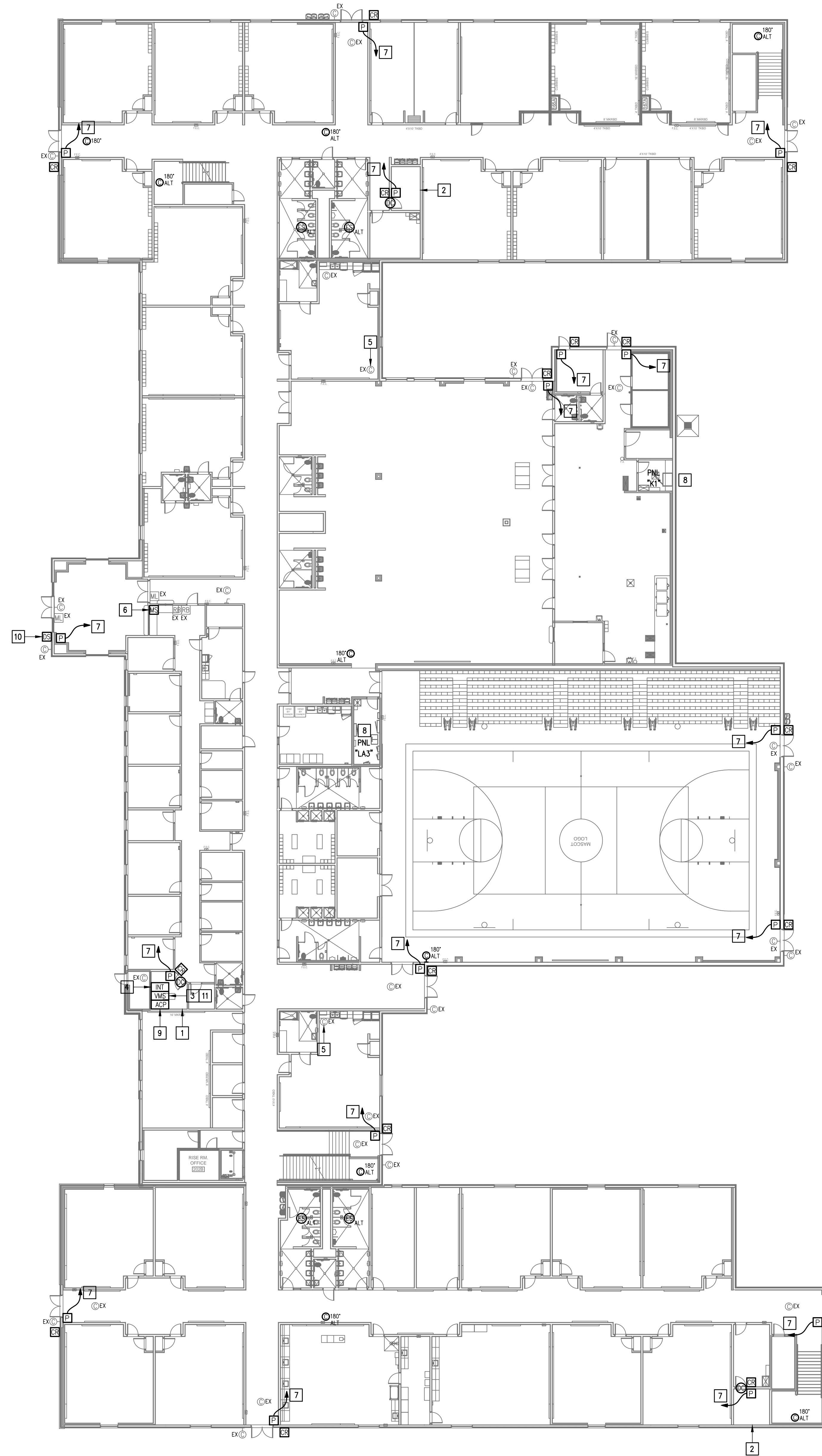
IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
LA JOYA, TEXAS



10.24.2023  
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Date: 10/24/2023  
Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 22/90  
Sheet:





**GENERAL NOTES:**

1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- 1 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH W/S MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 4 EXISTING INTRUSION DETECTION SYSTEM PANEL BOSCH MODEL B9512G.
- 5 EXISTING CCTV CAMERA TO REMAIN - TYPICAL.
- 6 EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- 7 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 8 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 9 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- 10 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 11 EXISTING GENETEC VIDEO MANAGEMENT SYSTEM.



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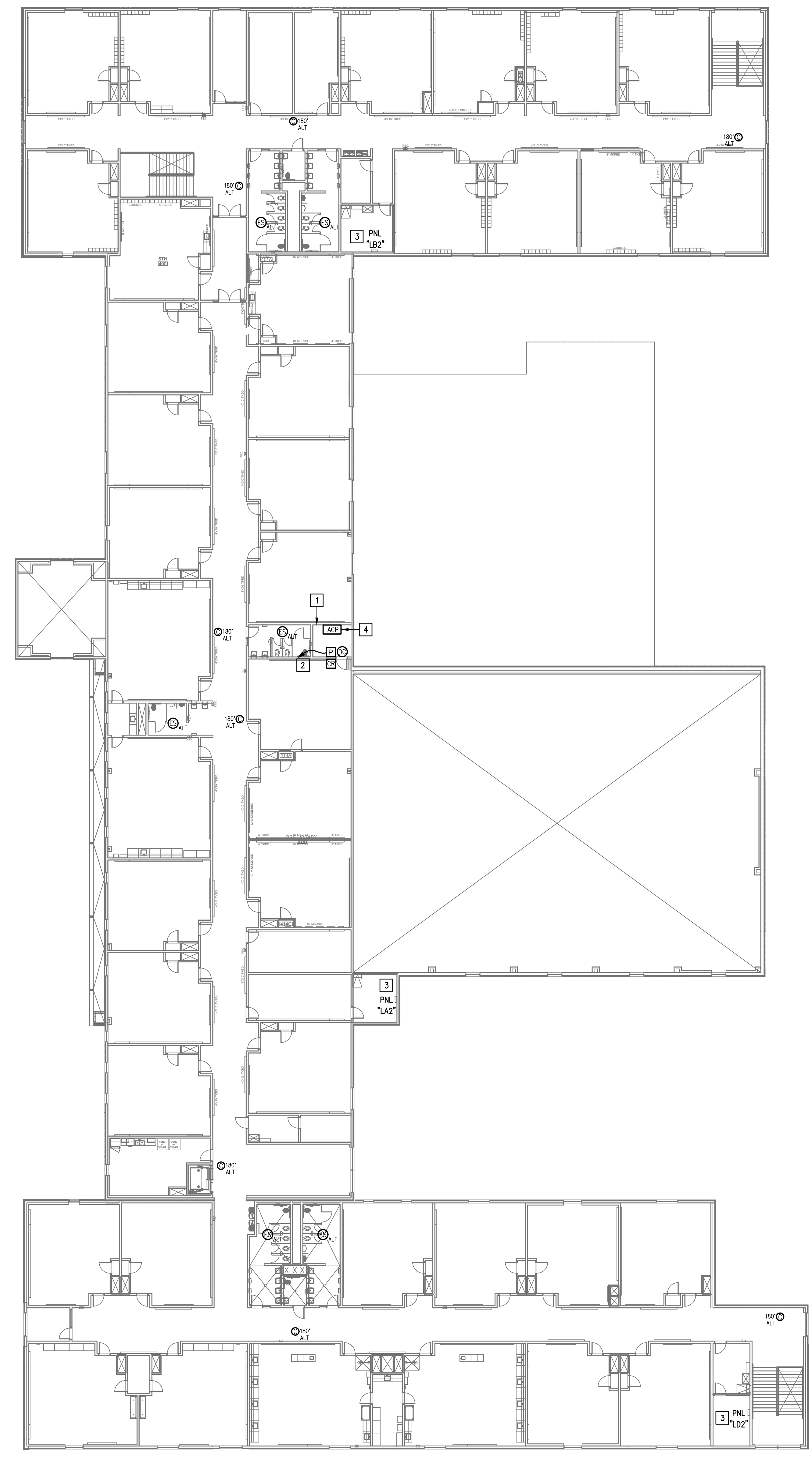
Date: 10/24/2023  
Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 22090  
Sheet: 2/2

**GENERAL NOTES:**

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- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
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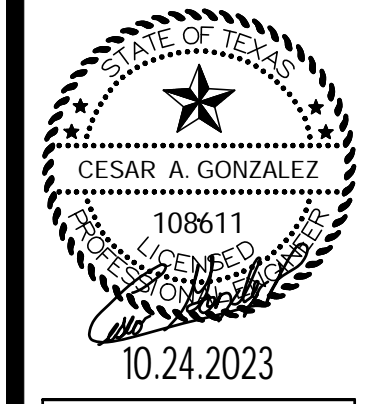
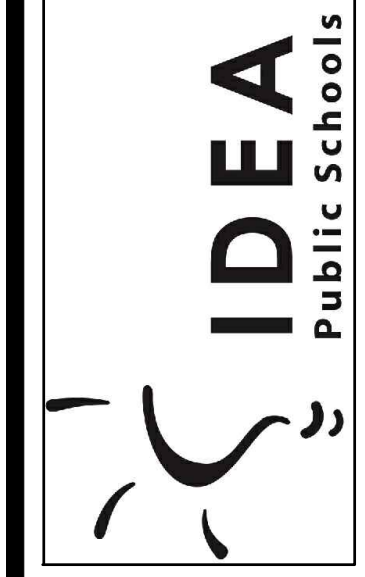
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- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



IDEA LA JOYA  
 TECHNOLOGY PLAN (2ND FLOOR)  
 01 SCALE: 1/16" = 1'-0"  
 PLAN NORTH

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 LA JOYA, TEXAS

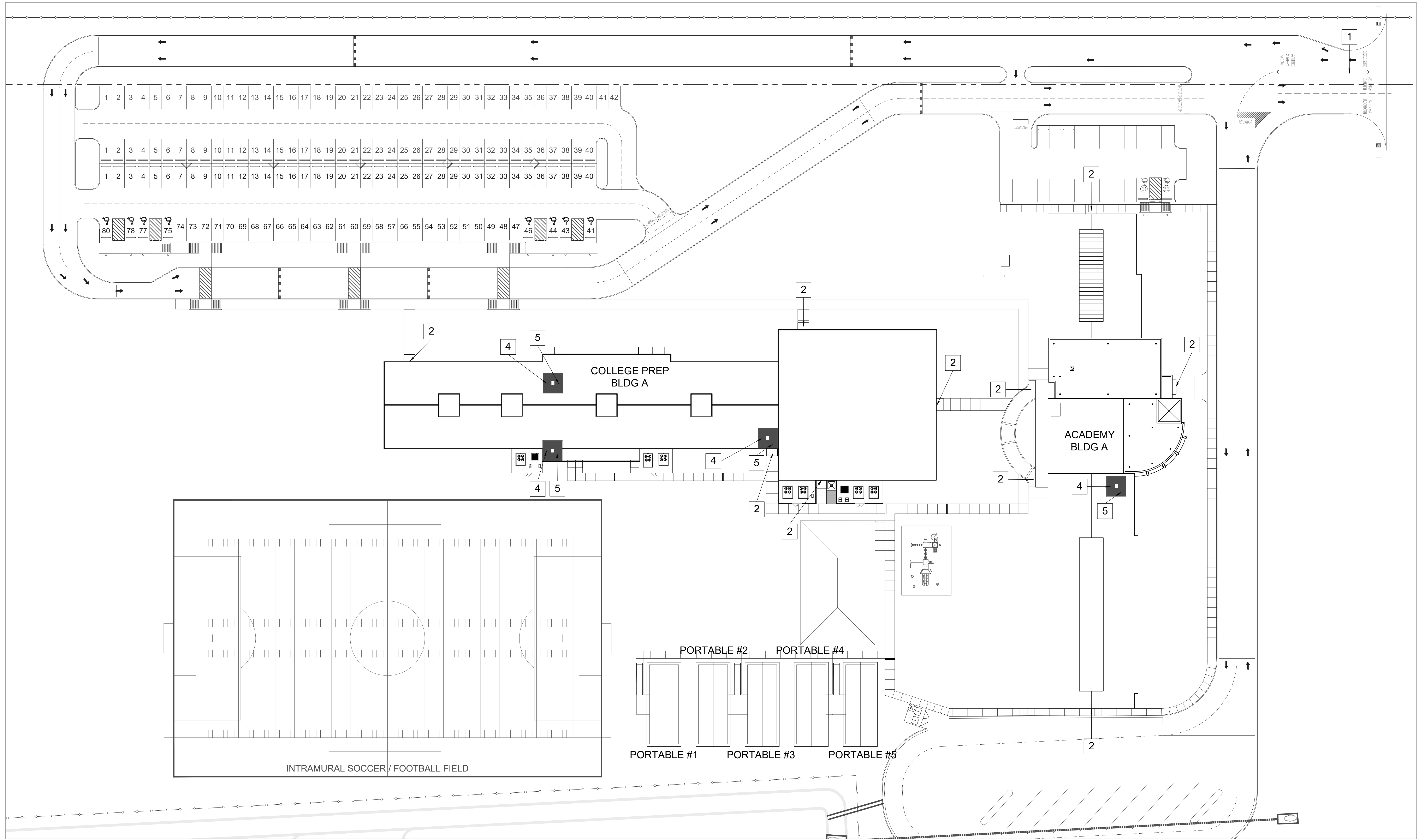


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 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22/280  
 Sheet:



E2.02



- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS


**01 SITEPLAN w/ IMPROVEMENTS**  
 SCALE: 1/32" = 1'

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 McALLEN, TEXAS

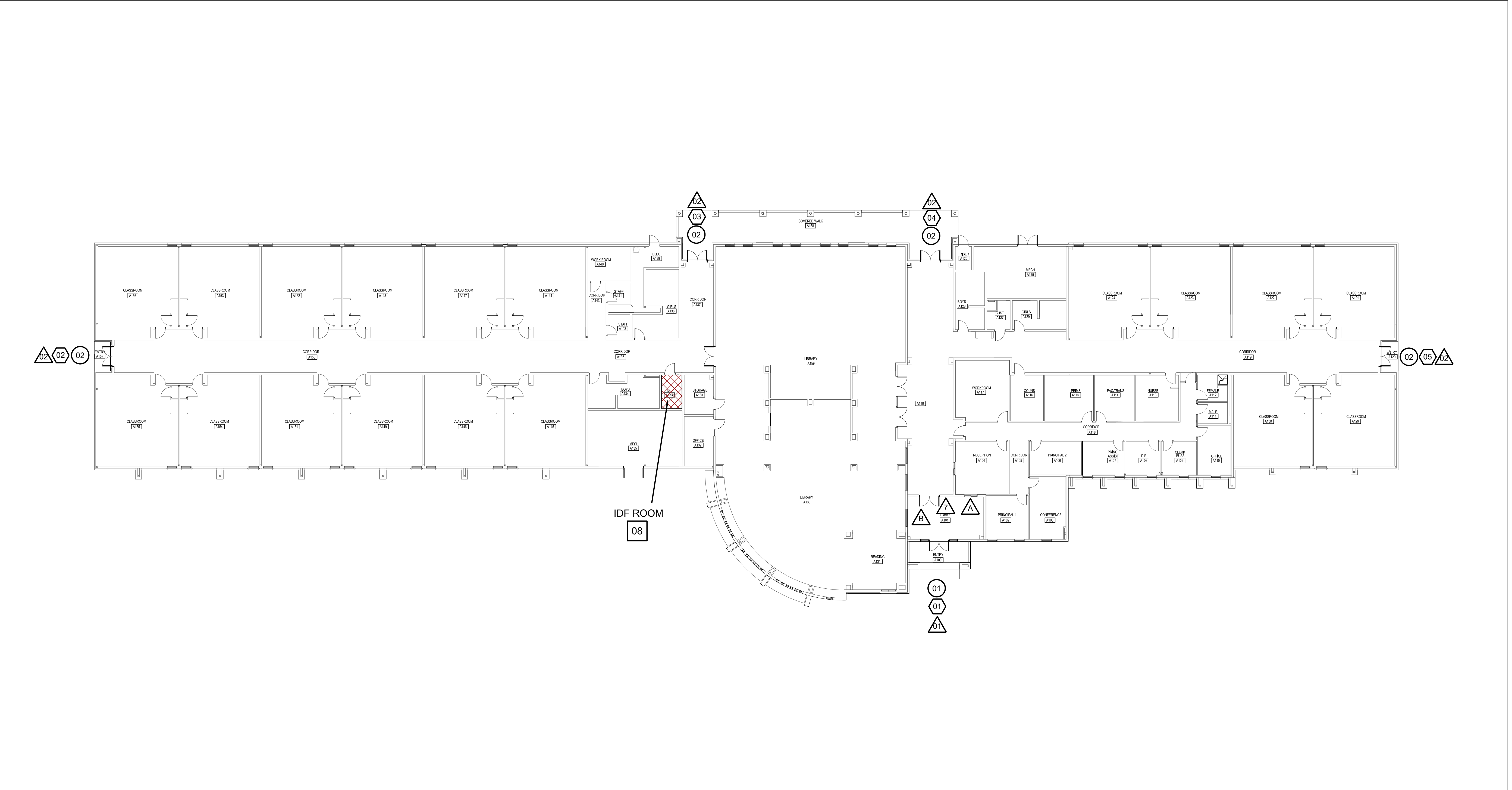


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 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

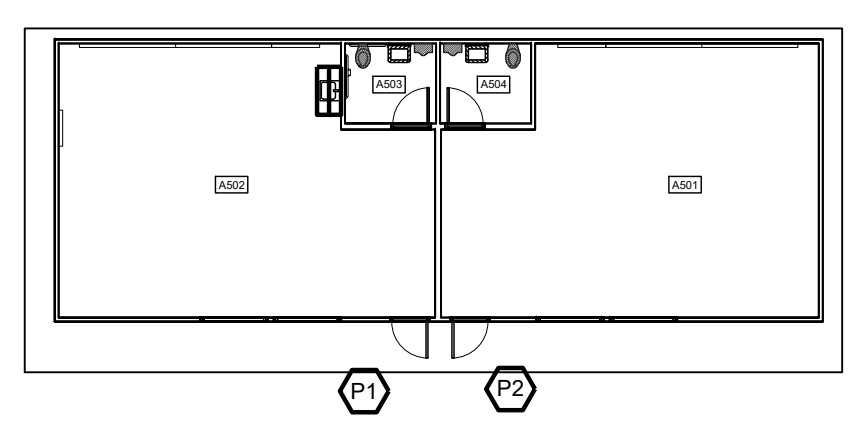
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### SYMBOL LEGEND

- ACCESS DOOR NUMBERING
- SECURITY DOOR HARDWARE
- IDF ACCESS HARDWARE
- SECURITY FILM

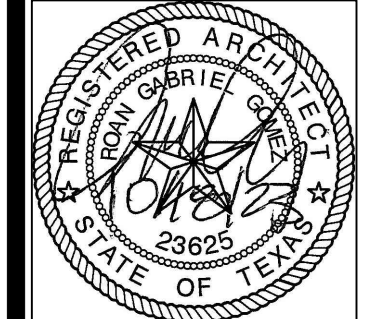


OFFICE & CLASSROOM BUILDING  
**01 FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"



PORTABLE CLASSROOMS  
**02 FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"  
 TYPICAL FOR (5) PORTABLES #1-#10

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 McALLEN, TEXAS



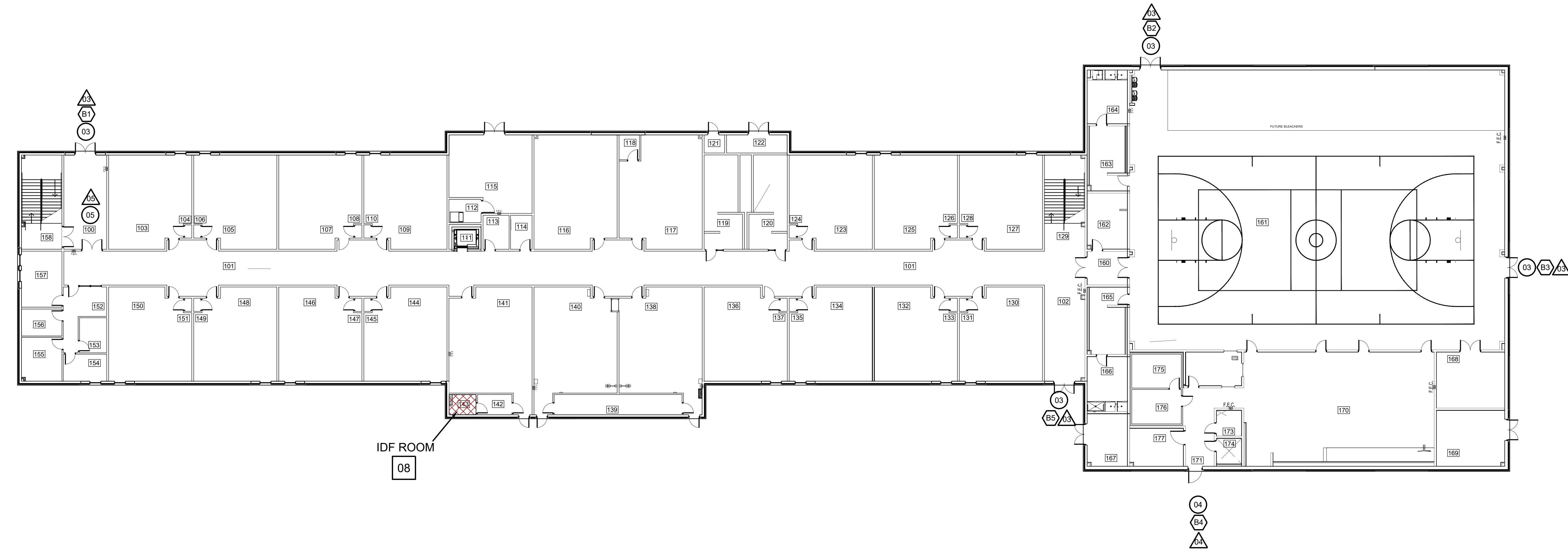
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 Drawn By: CG\_IO\_JA  
 Job No: IDEA SECURITY  
 Sheet:



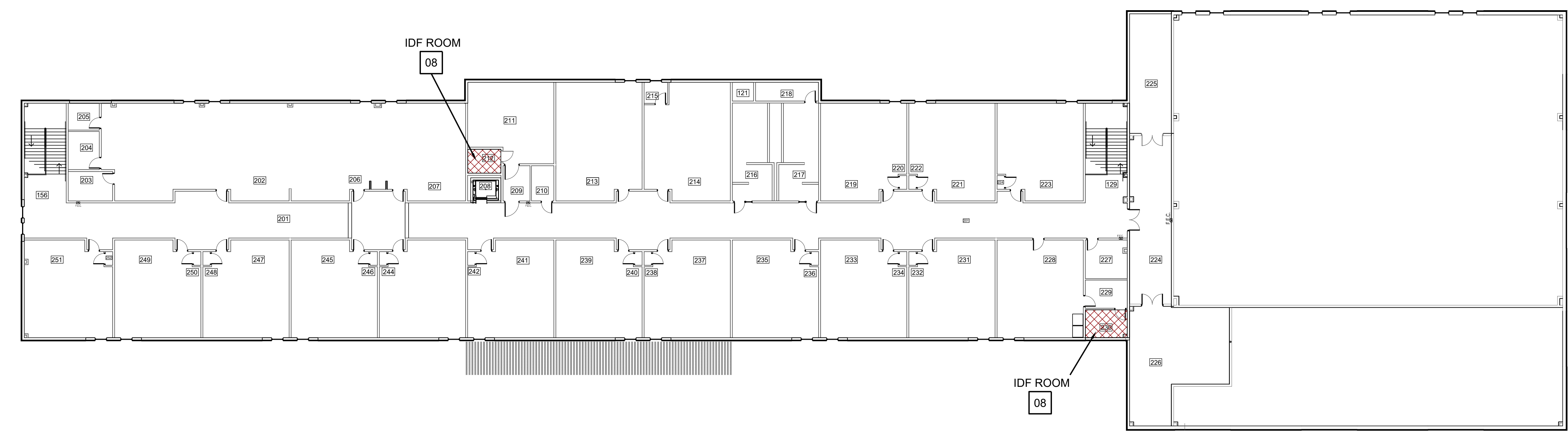

GMS ARCHITECTS  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

**SYMBOL LEGEND**

- ⊗ ACCESS DOOR NUMBERING
- ⊗ SECURITY DOOR HARDWARE
- ⊗ IDF ACCESS HARDWARE
- ⊗ SECURITY FILM

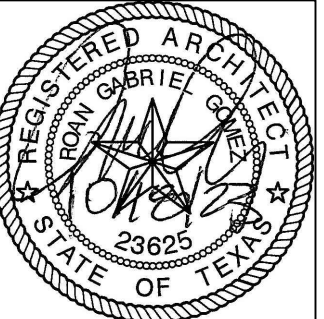


MAIN BUILDING - FIRST FLOOR  
**01 FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"



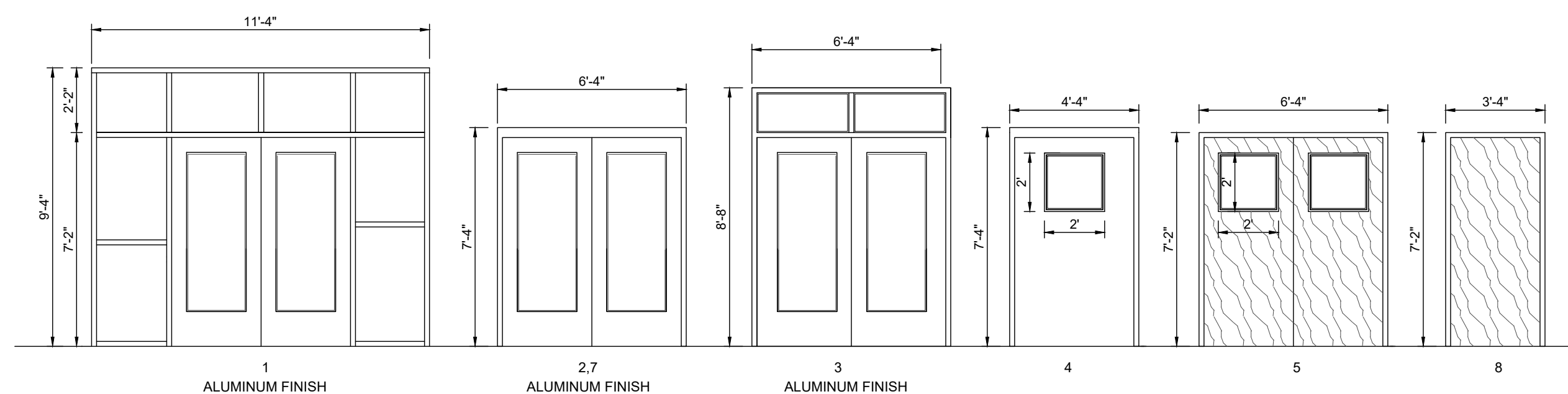
MAIN BUILDING - SECOND FLOOR  
**02 FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"

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**SECURITY IMPROVEMENTS**  
 McALLEN, TEXAS



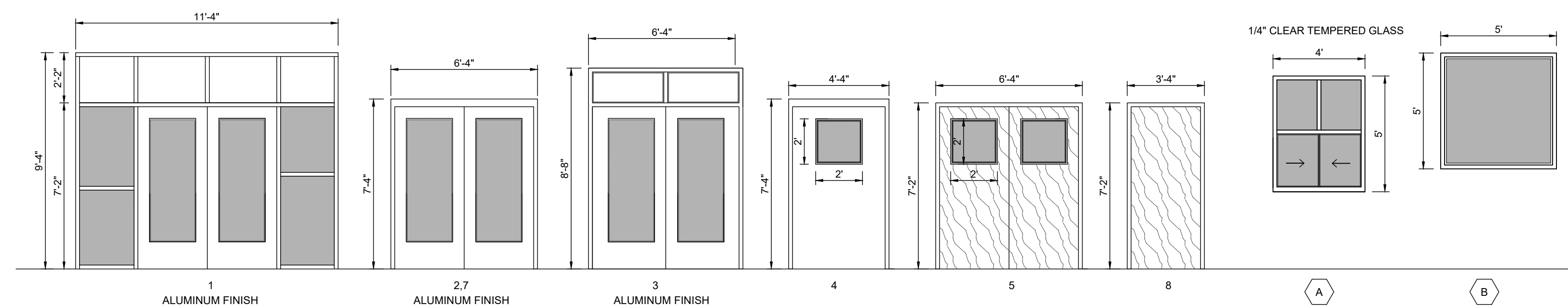
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 Date: 01/2023  
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 Project Architect: Rolin Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

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ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

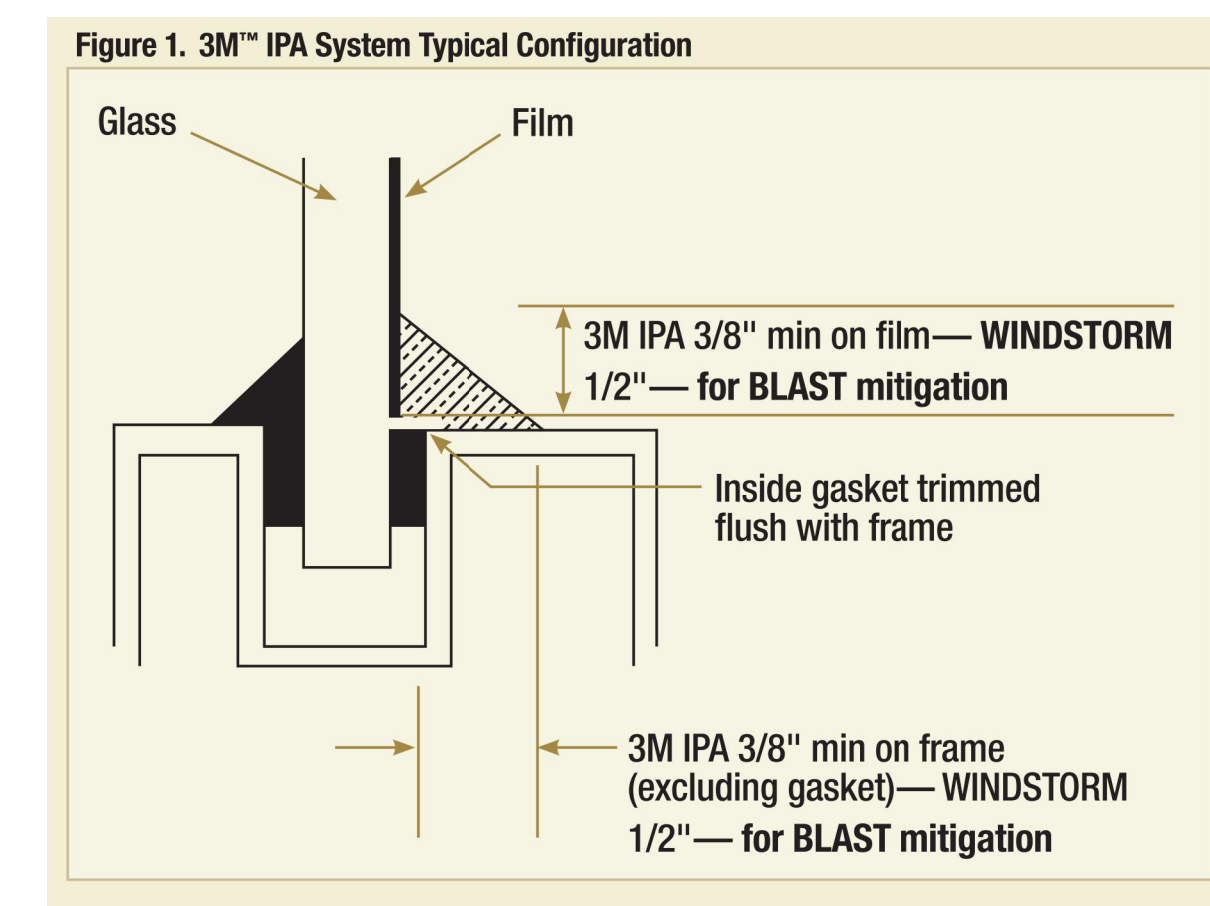
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	MATL.	W	H			T	
A101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	A	
A101	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-8"	9'-4"	4 - 1/2"	A	
A157	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"	4 - 1/2"	A	
A137	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"	4 - 1/2"	A	
A118	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"	4 - 1/2"	A	
A119	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"	4 - 1/2"	A	
A133	08	S.C.	3'-0"	7'-0"	1 3/4"	H.M.	6'-4"	7'-4"	5 - 3/4"	F	IDF ROOM
100	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	A	
100	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	A	
161	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	A	
161	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	A	
171	04	H.M.	4'-0"	7'-0"	1 3/4"	H.M.	4'-4"	7'-4"	5 - 3/4"	C	
102	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	A	
143	08	S.C.	3'-0"	7'-0"	1 3/4"	H.M.	6'-4"	7'-4"	5 - 3/4"	F	IDF ROOM
212	08	S.C.	3'-0"	7'-0"	1 3/4"	H.M.	6'-4"	7'-4"	5 - 3/4"	F	IDF ROOM
230	08	S.C.	3'-0"	7'-0"	1 3/4"	H.M.	6'-4"	7'-4"	5 - 3/4"	F	IDF ROOM



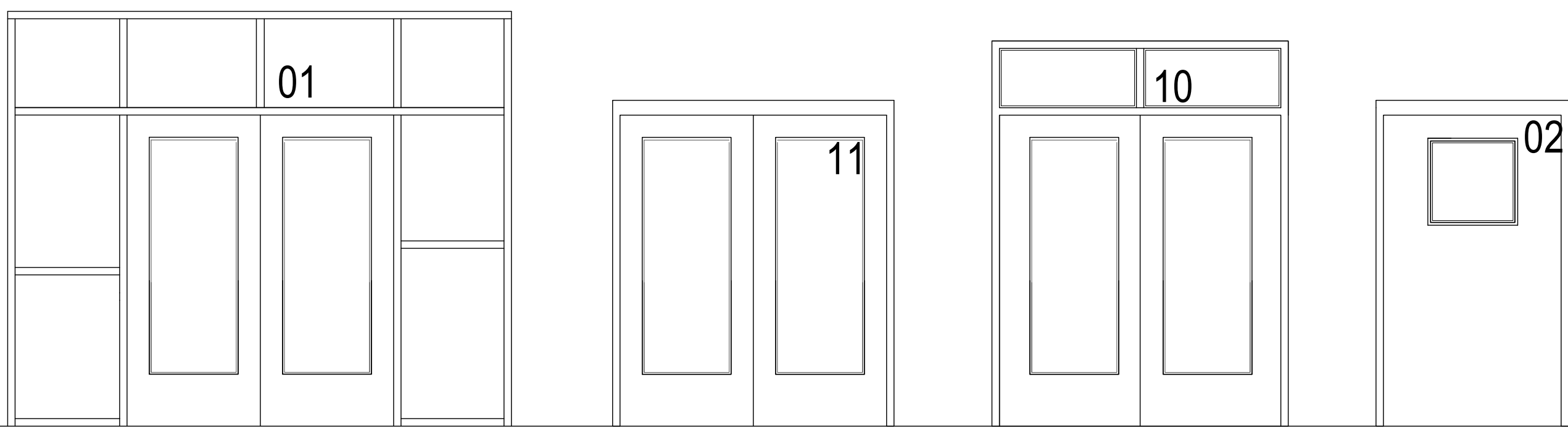
SECURITY FILM  
**DOOR / FRAME ELEVATIONS**

BLDG	FRAME NO.	DOOR			FRAME			REMARKS		
		MATL.	W	H	MATL.	W	H		T	
A101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	
A101	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	8'-8"	9'-4"	4 - 1/2"	
A157	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"	4 - 1/2"	
A137	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"	4 - 1/2"	
A118	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"	4 - 1/2"	
A119	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"	4 - 1/2"	
A101	A					H.M.	4'-0"	5'-0"	4 - 1/2"	
A101	B					H.M.	5'-0"	5'-0"	4 - 1/2"	
100	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	
100	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	
161	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	
161	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	
171	04	H.M.	4'-0"	7'-0"	1 3/4"	H.M.	4'-4"	7'-4"	5 - 3/4"	
102	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-4"	9'-4"	4 - 1/2"	

**WINDOW FILM - DOOR / WINDOW SCHEDULE**



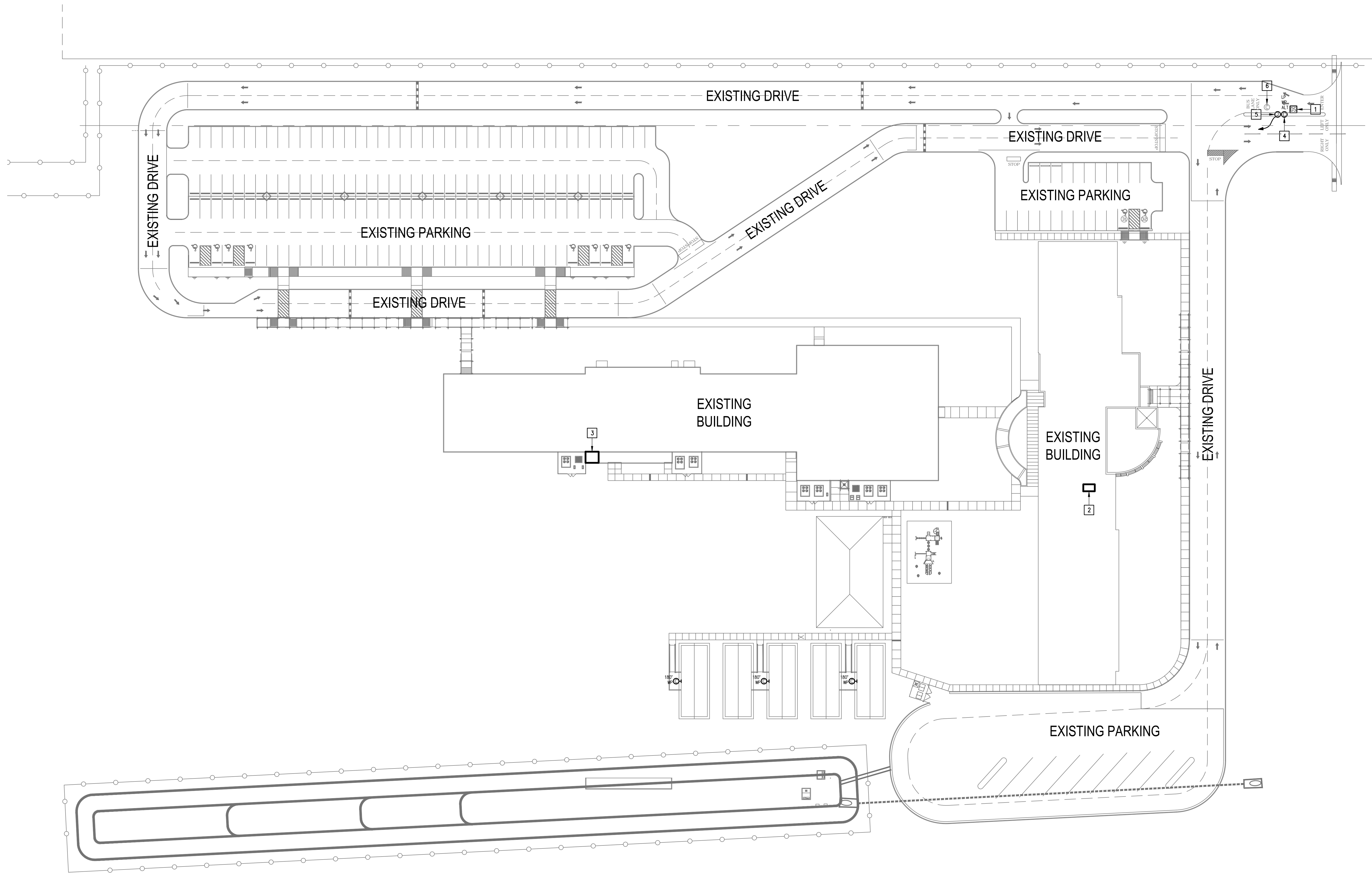
**02 FILM DETAIL**  
NOT TO SCALE



**01 DOOR NUMBER LOCATIONS**  
ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.



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**KEYED NOTES:**

- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING MDF ROOM.
- 3 EXISTING IDF ROOM.
- 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 5 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
- 6 DISCONNECT AND REMOVE EXISTING POLE MOUNT CCTV CAMERA IF ALTERNATE LICENSE PLATE CAMERA IS ACCEPTED.

**IDEA MCALLEN**  
**TECHNOLOGY PLAN (SITE PLAN)**  
 01 SCALE: 1" = 40'-0"



No.	REVISIONS	BY

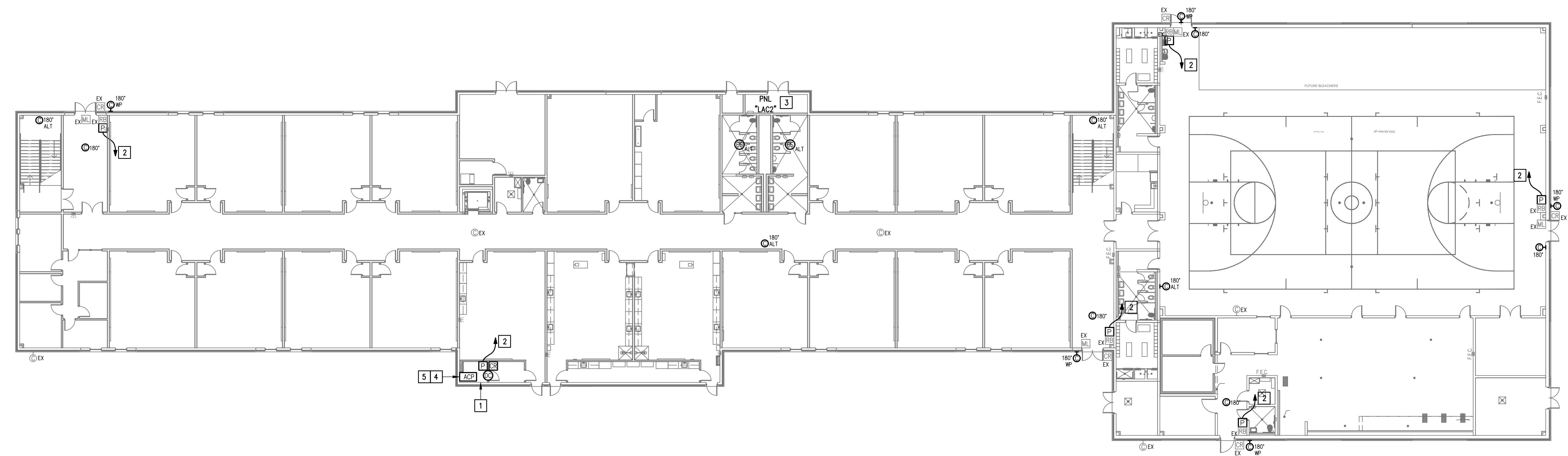
**GMS ARCHITECTS**  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

**GENERAL NOTES:**

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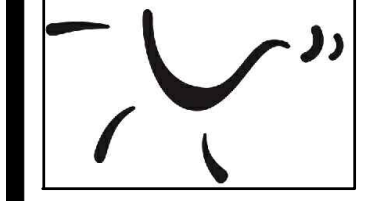
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- EXISTING GENETEC EQUIPMENT.



IDEA MCALLEN  
**TECHNOLOGY PLAN** (1ST FLOOR)  
 01 SCALE 1/16" = 1'-0"

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 MCALLEN, TEXAS



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 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:



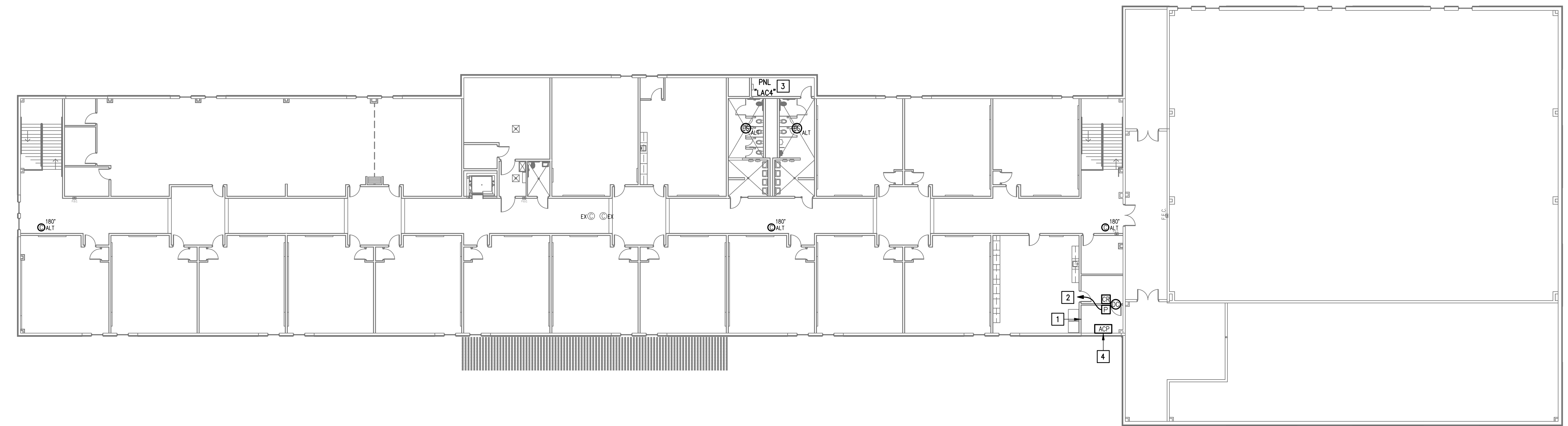
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**GENERAL NOTES:**

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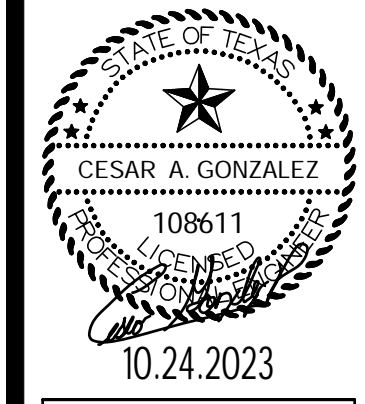
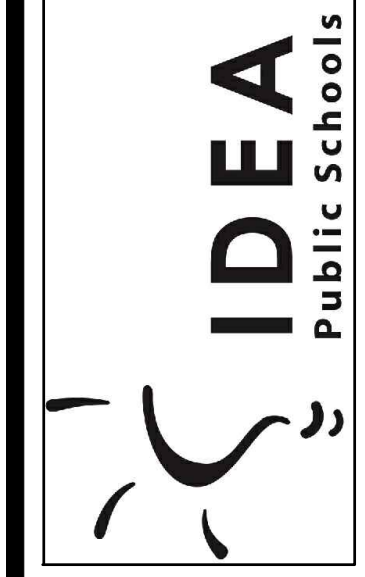
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- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



IDEA MCALLEN  
 TECHNOLOGY PLAN (2ND FLOOR)  
 01 SCALE 1/16" = 1'-0"  
 PLAN NORTH

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 MCALLEN, TEXAS



10.24.2023  
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 Architects-Planners  
 Interior Designers

Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:



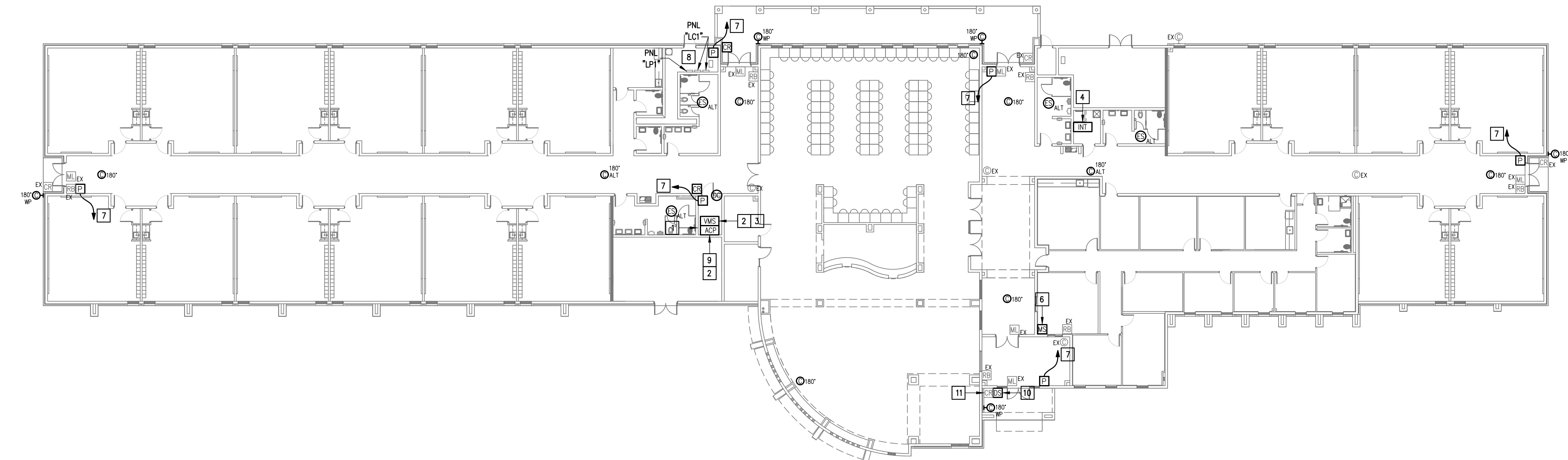
E2.02


### GENERAL NOTES:

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

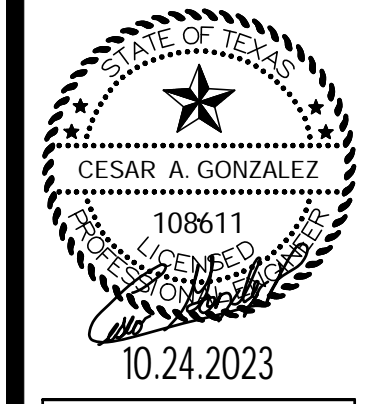
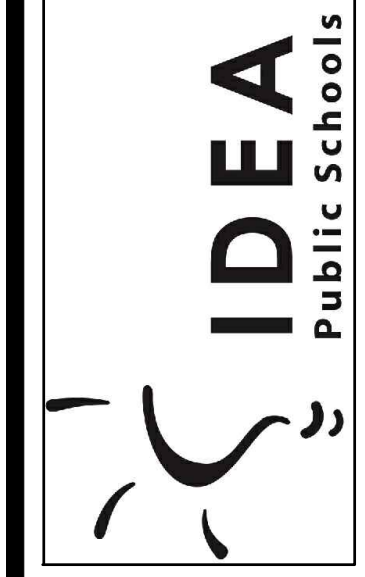
### KEYED NOTES:

- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING GENETEC VIDEO MANAGEMENT SYSTEM.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- EXISTING INTRUSION DETECTION SYSTEM PANEL DMP.
- EXISTING CCTV CAMERA TO REMAIN - TYPICAL.
- EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- DISCONNECT AND REMOVE EXISTING CARD READER.



IDEA MCALLEN  
 TECHNOLOGY PLAN (BLDG. A)  
 01 SCALE: 1/16" = 1'-0"  
 PLAN NORTH

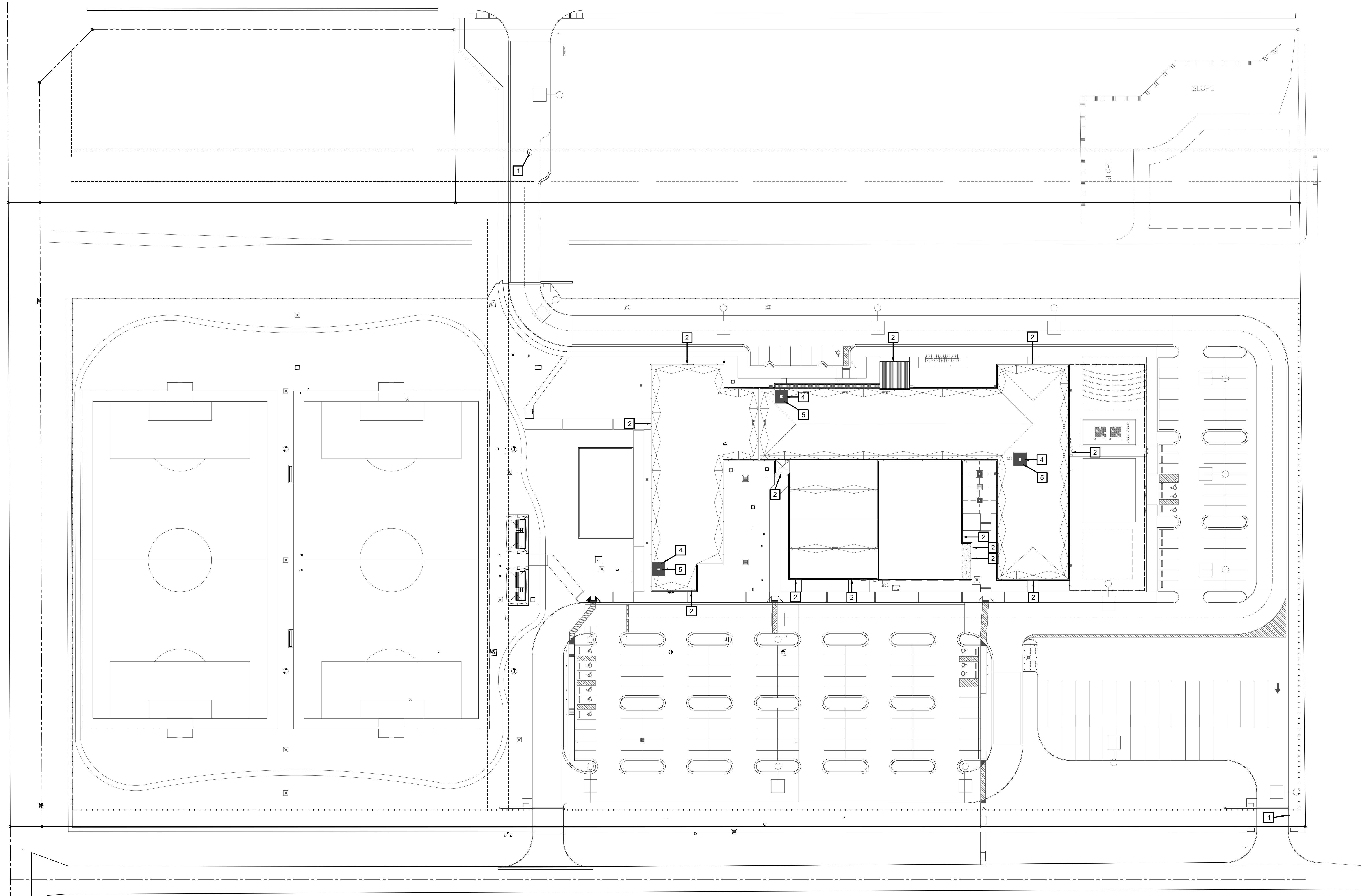
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Date: 10/24/2023  
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 Drawn By: C.G.  
 Job No: 22090  
 Sheet:





**01 OVERALL SITE PLAN**  
 SCALE 1" = 40'-0"  
 PLAN NORTH

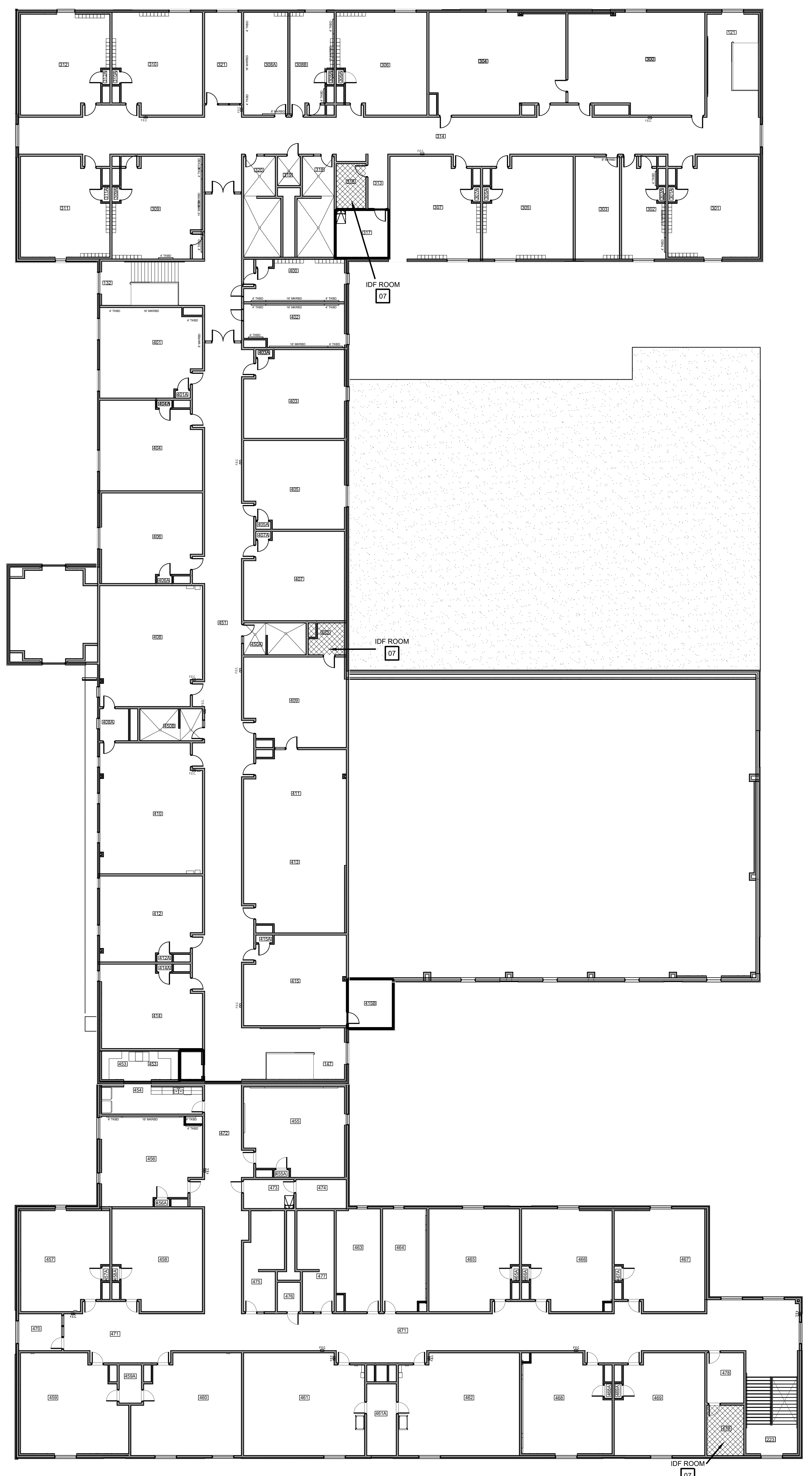
- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS

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 McALLEN, TEXAS

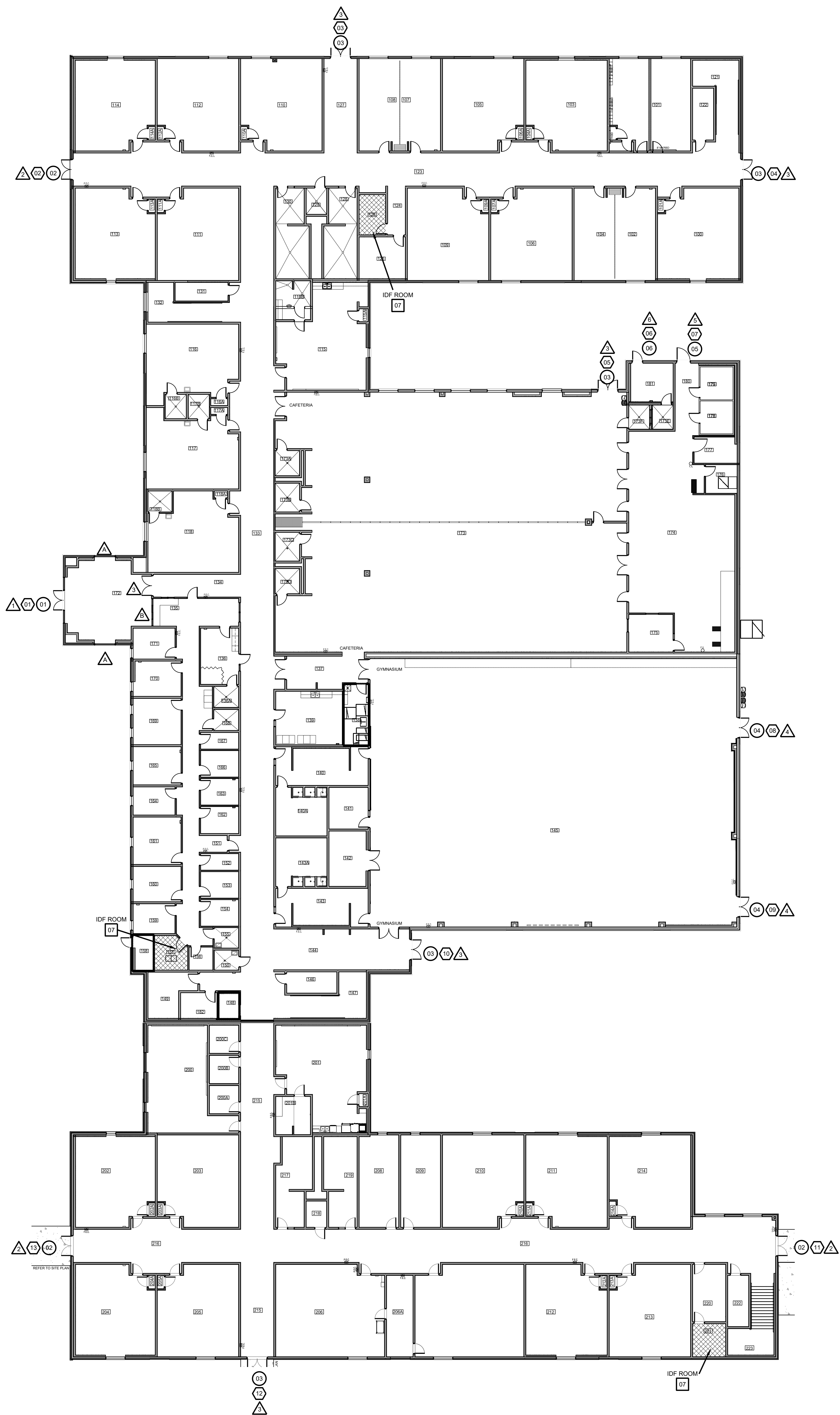


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

Date: 01/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:



SECOND FLOOR  
**01 FLOOR PLAN**  
 SCALE: 1 = 40

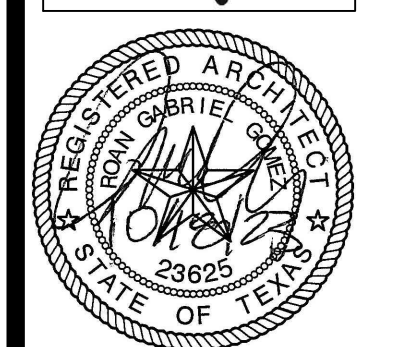


FIRST FLOOR  
**01 FLOOR PLAN**  
 SCALE: 1 = 40

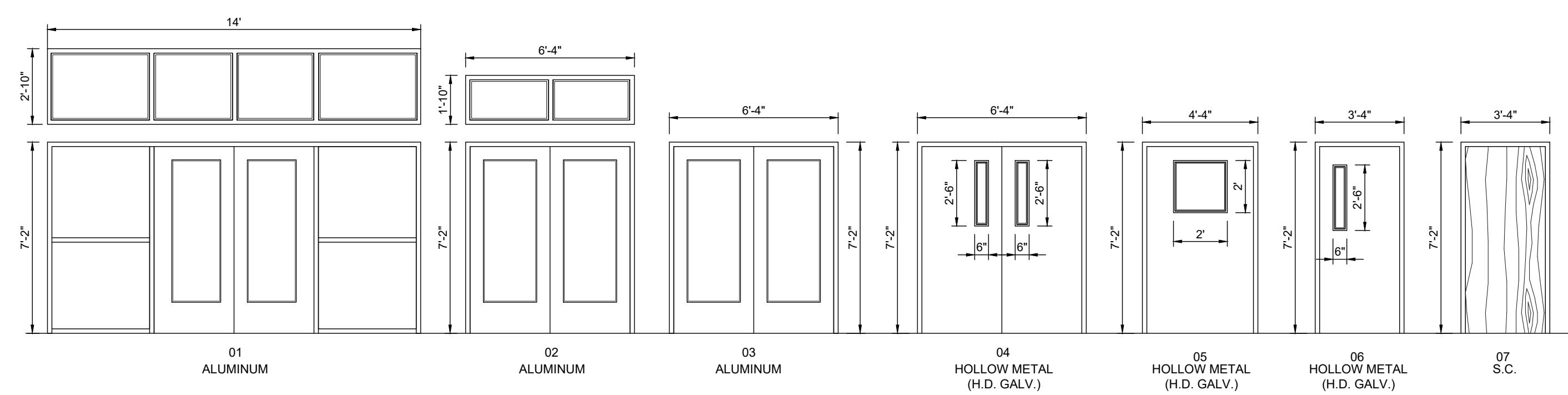
- SYMBOL LEGEND**
-  ACCESS DOOR NUMBERING
  -  SECURITY DOOR HARDWARE
  -  IDF ACCESS HARDWARE
  -  SECURITY FILM

**IDEA McALLEN LOS ENCINOS**

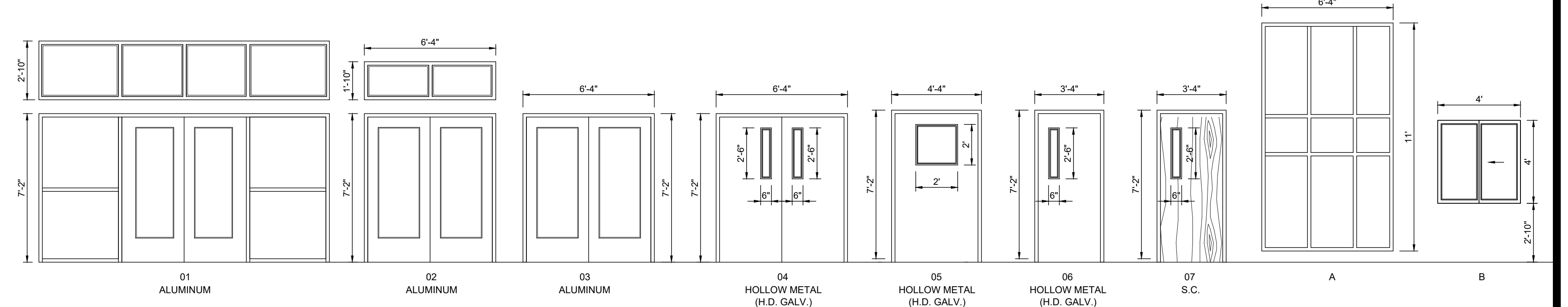
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**IDEA** Public Schools



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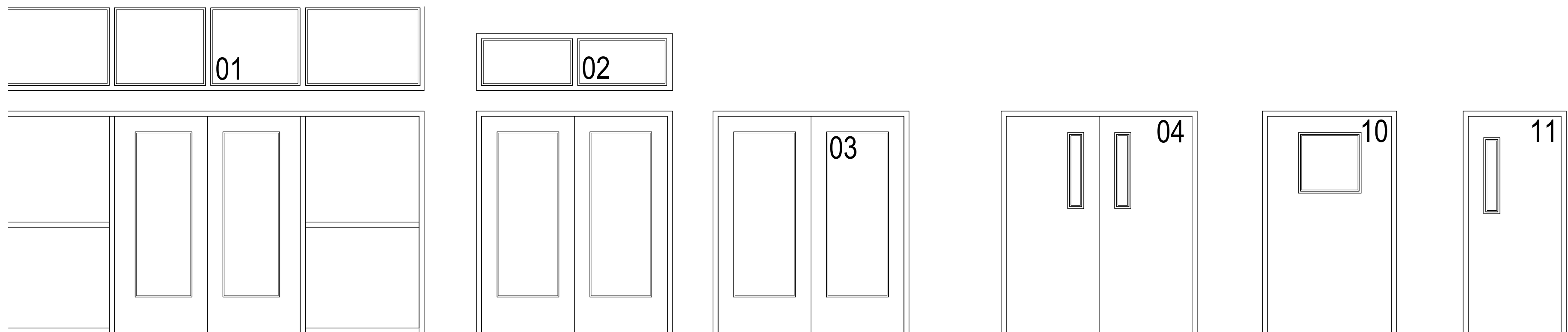
ACCESS CONTROL  
DOOR / FRAME ELEVATIONS  
SCALE 1/4" = 1'-0"



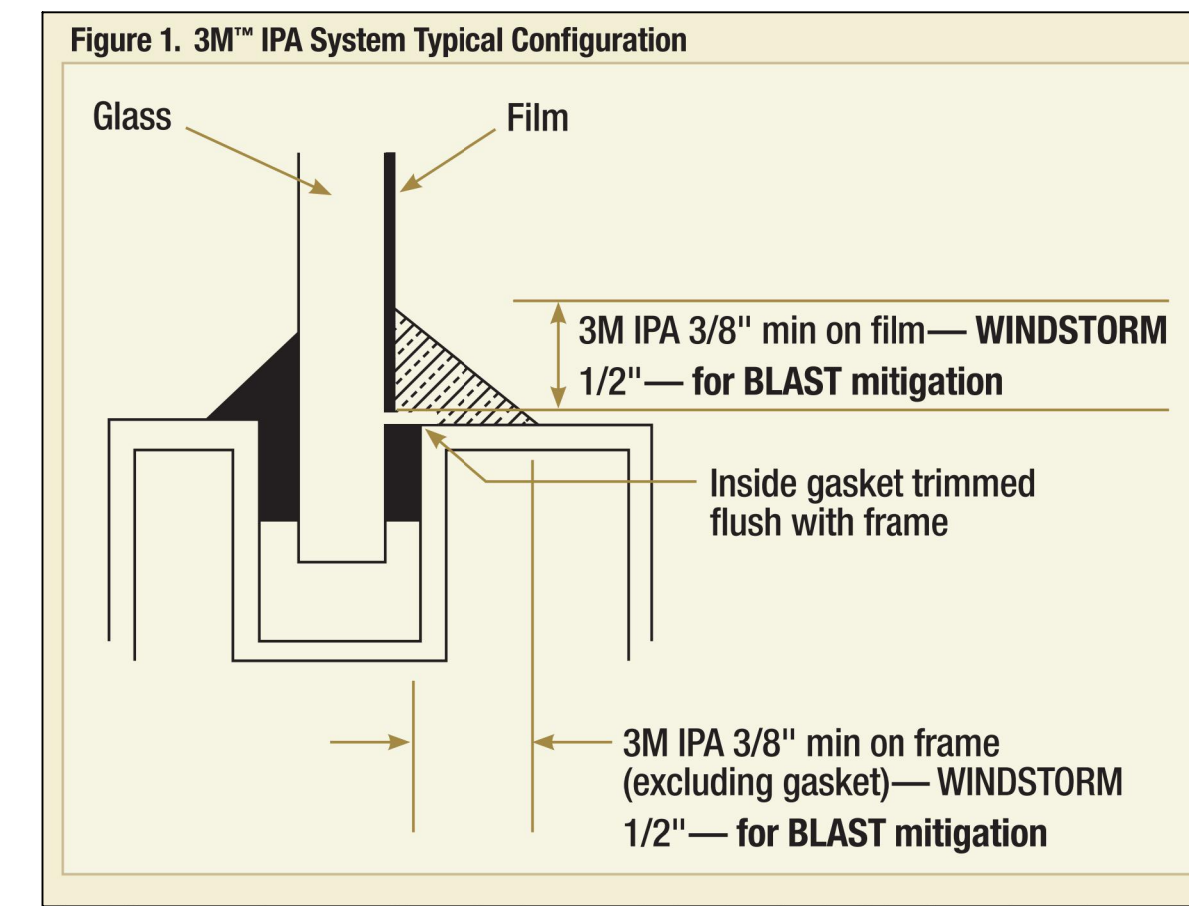
SECURITY FILM  
DOOR / FRAME ELEVATIONS  
SCALE 1/4" = 1'-0"

BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	MATL.	W	H				
172	01	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	14'-0"	10'-8"	4-1/2"	A	
123	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A	
127	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
123	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
173	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
181	05	HM	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	E	
180	05	HM	4'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	D	
145	04	HM	PR-3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
144	04	HM	PR-3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
144	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
216	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A	
215	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	A	
216	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	A	
157	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
126	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
221	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
452	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
316	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
479	07	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM

BLDG	FRAME NO.	DOOR			FRAME			REMARKS		
		MATL.	W	H	MATL.	W	H			
172	01	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	14'-0"	10'-8"	4-1/2"	
123	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	
127	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
123	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
173	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
181	05	HM	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	
180	05	HM	4'-0"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	
145	04	HM	PR-3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	
144	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
216	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	
215	03	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
216	02	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	9'-8"	4-1/2"	
172	A				ALUM.	6'-4"	11'-0"	4-1/2"		
172	A				ALUM.	6'-4"	11'-0"	4-1/2"		
134	3	ALUM.	PR-3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	7'-2"	4-1/2"	
135	B				ALUM.	4"	4"	4-1/2"		



02 DOOR NUMBER LOCATION  
ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.



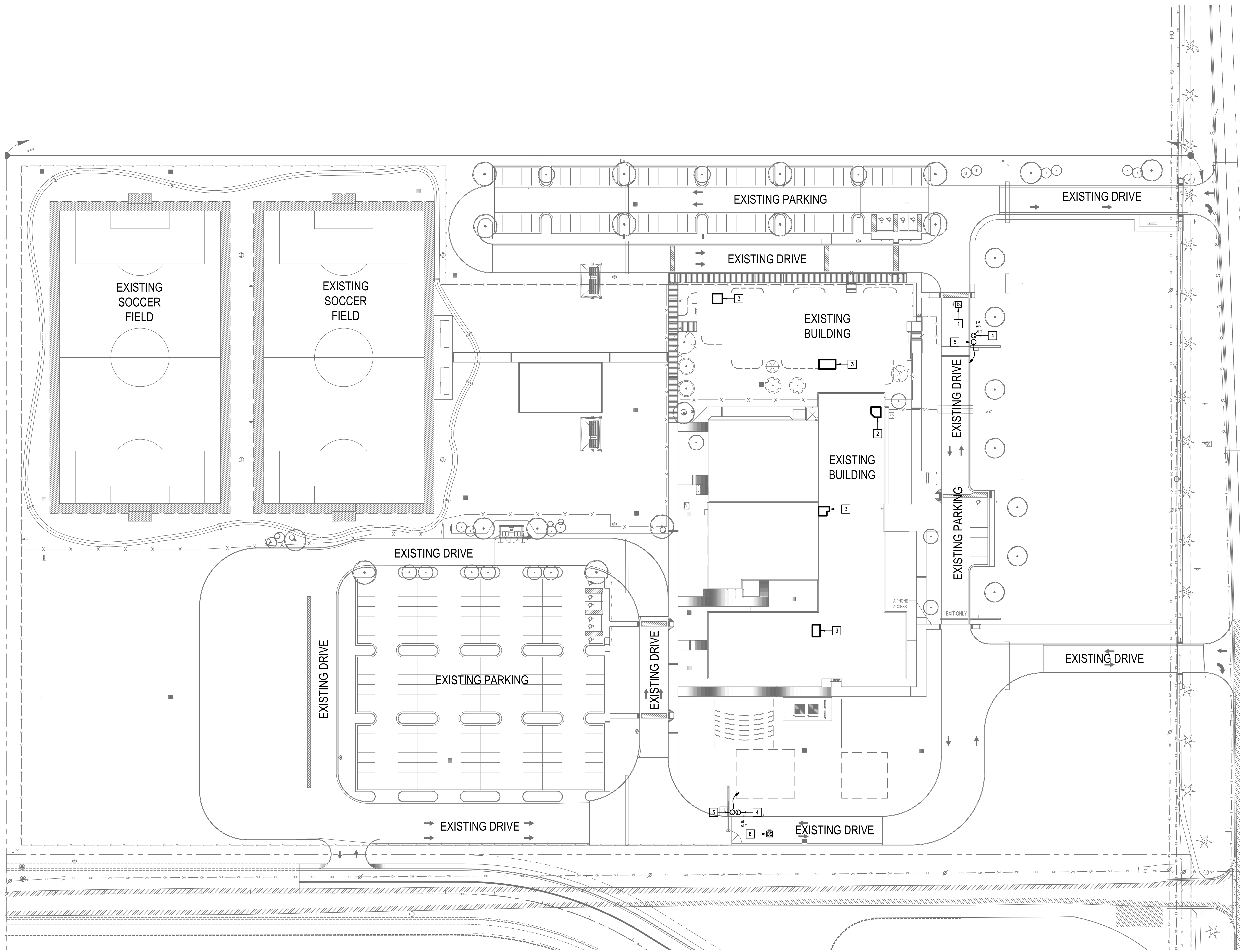
01 FILM DETAIL  
NOT TO SCALE



GMS ARCHITECTS  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

**KEYED NOTES:**

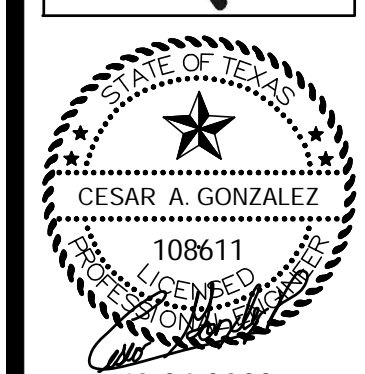
- 1 EXISTING PEDESTAL MOUNTED DOOR STATION & KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING MDF ROOM.
- 3 EXISTING IDF ROOM.
- 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 5 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
- 6 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.



IDEA MCALLEN LOS ENCINOS  
**TECHNOLOGY PLAN** (SITE PLAN)  
 01 SCALE: 1" = 40'-0"



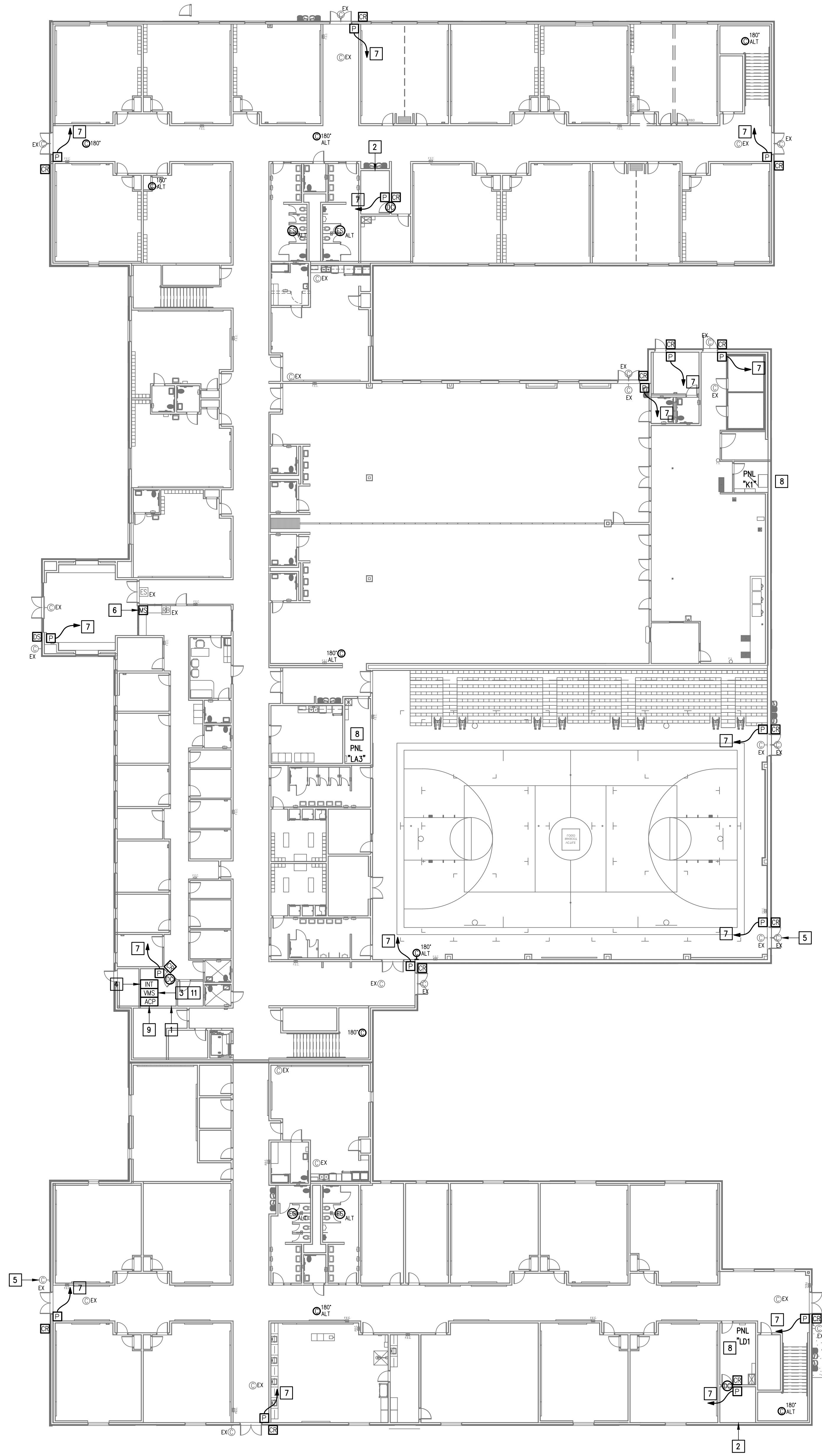
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 C.G.  
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**E1.01**




**GENERAL NOTES:**

1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (W/REMODEL).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

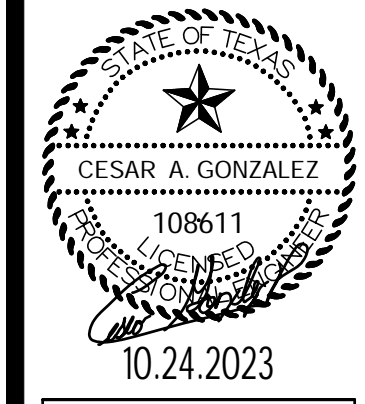
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- 1 EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 4 EXISTING INTRUSION DETECTION SYSTEM PANEL BOSCH MODEL B9512G.
- 5 EXISTING CCTV CAMERA TO REMAIN - TYPICAL.
- 6 EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- 7 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 8 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 9 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- 10 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 11 EXISTING GENETEC VIDEO MANAGEMENT SYSTEM.

No.	REVISIONS	BY

  
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**IDEA MCALLEN LOS ENCINOS**  
**TECHNOLOGY PLAN (1ST FLOOR)**  
 01 SCALE: 1/16" = 1'-0"



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 Sheet: E2.01





No.	REVISIONS	BY



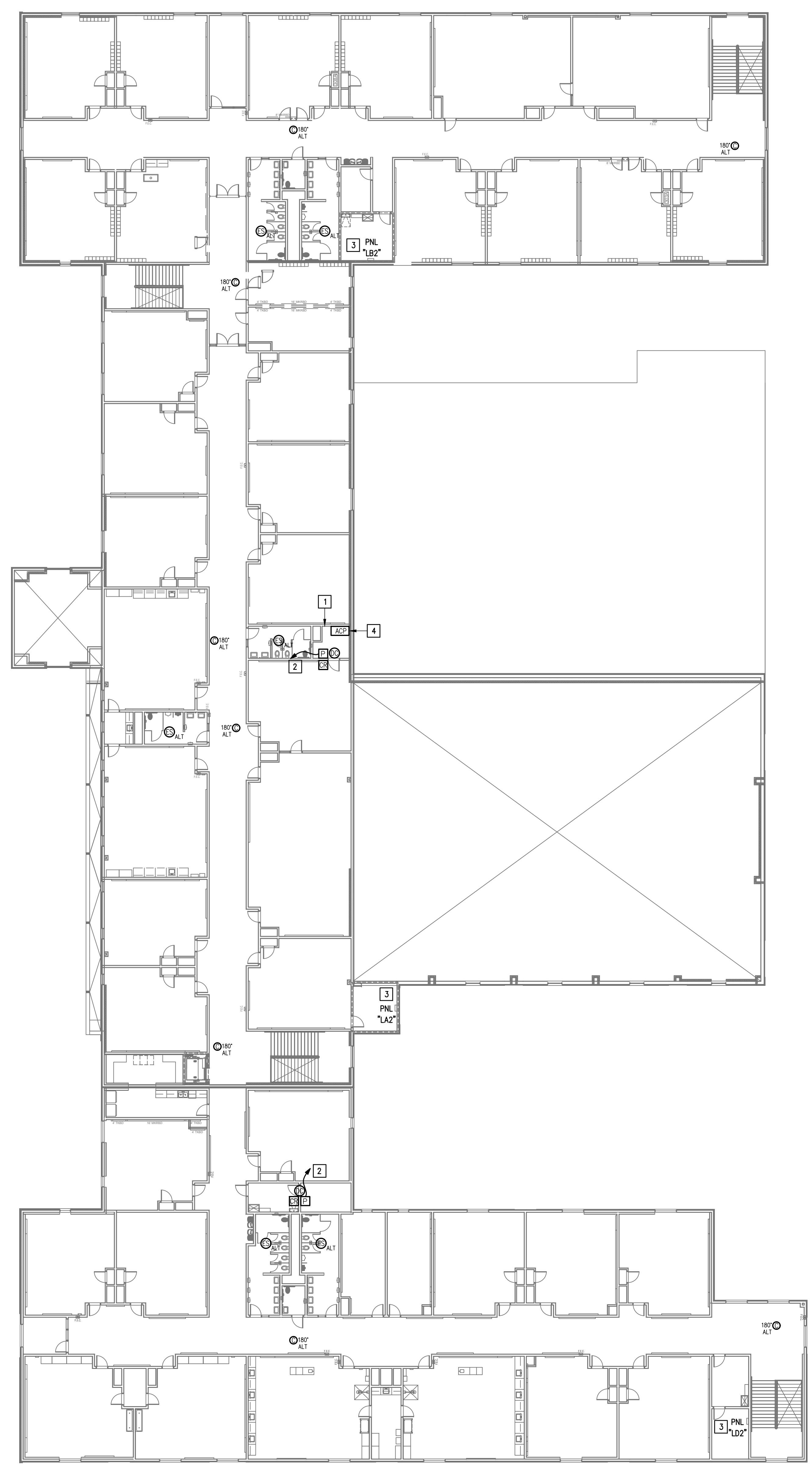
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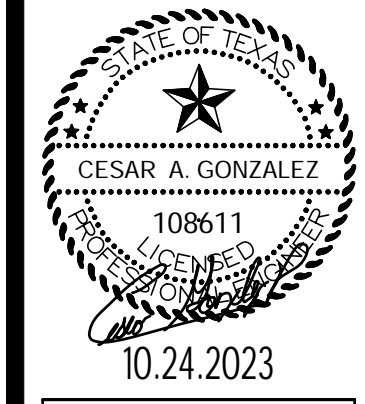
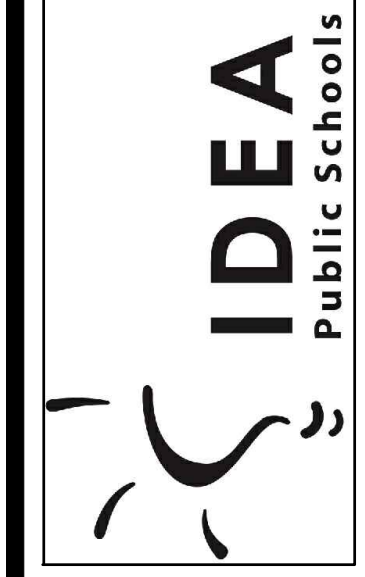
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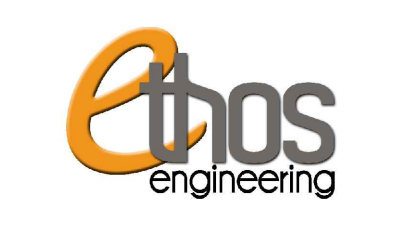
IDEA MCALLEN LOS ENCINOS  
 TECHNOLOGY PLAN (2ND FLOOR)  
 01 SCALE 1/16" = 1'-0"  
 PLAN NORTH

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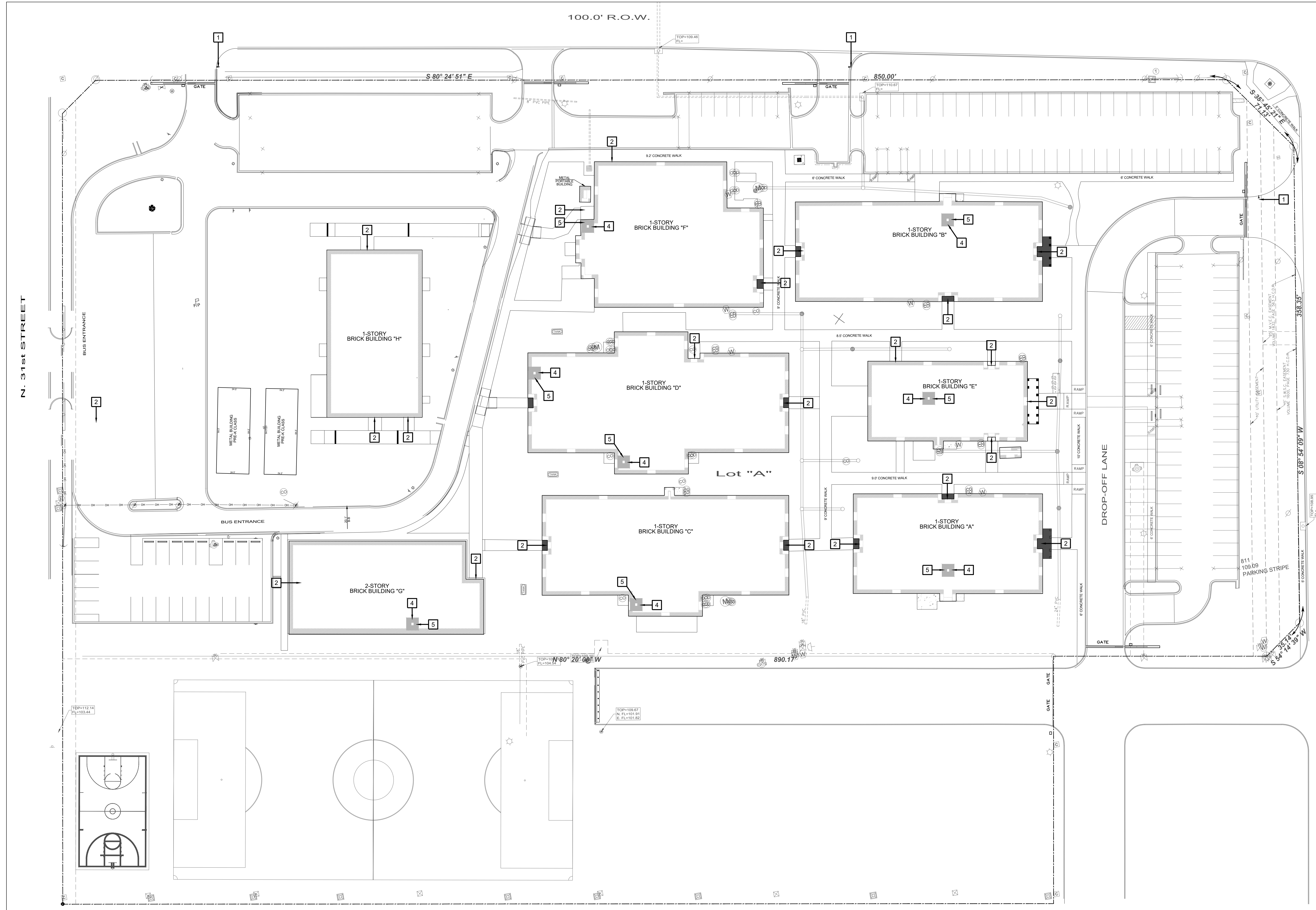


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E2.02

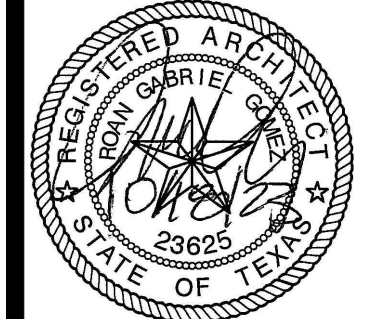


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 SECURITY IMPROVEMENTS  
 McALLEN, TEXAS



01 SITE PLAN  
 SCALE: 1/40

- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS



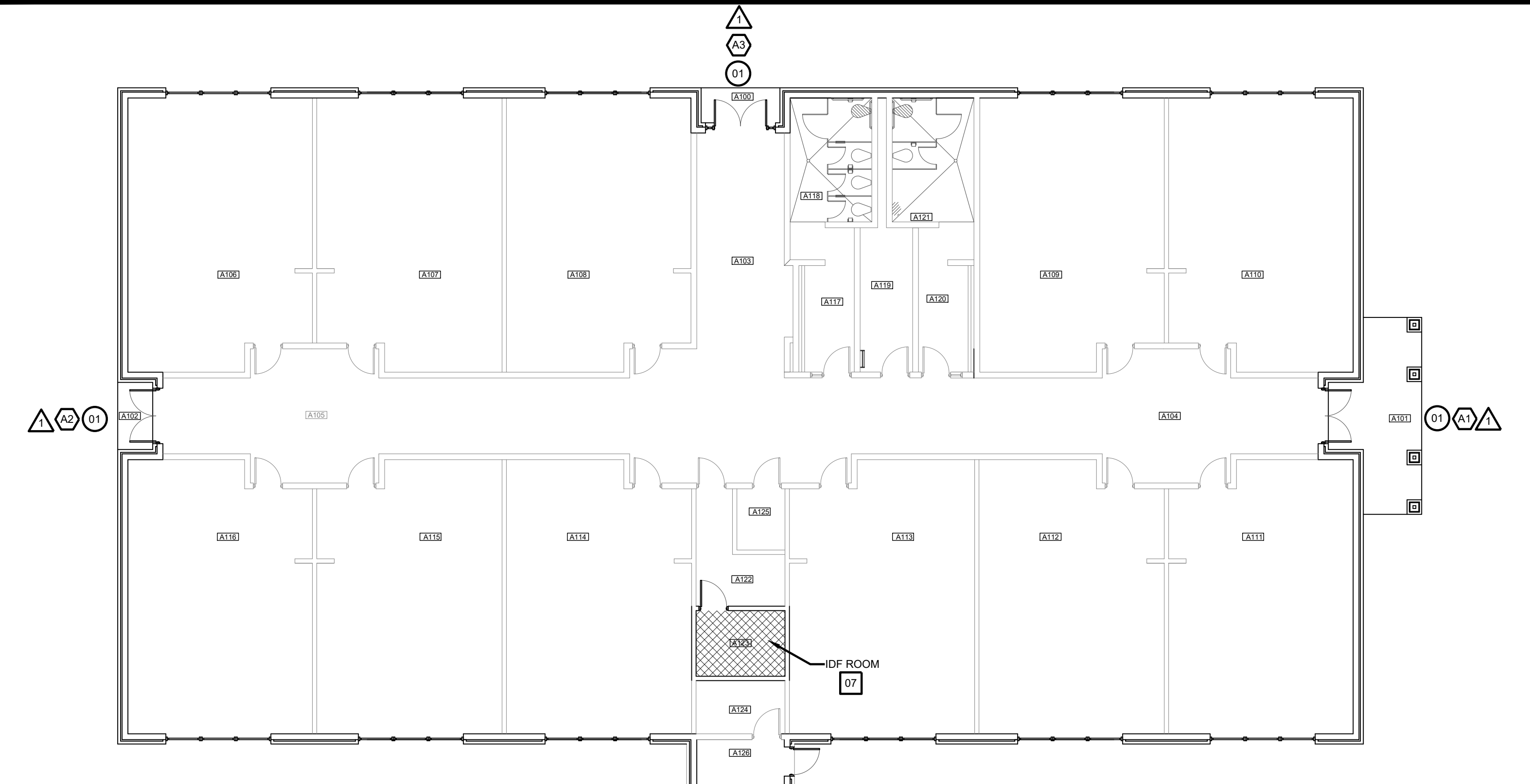
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 Interior Designers

Date: 01/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet: IDEA SECURITY

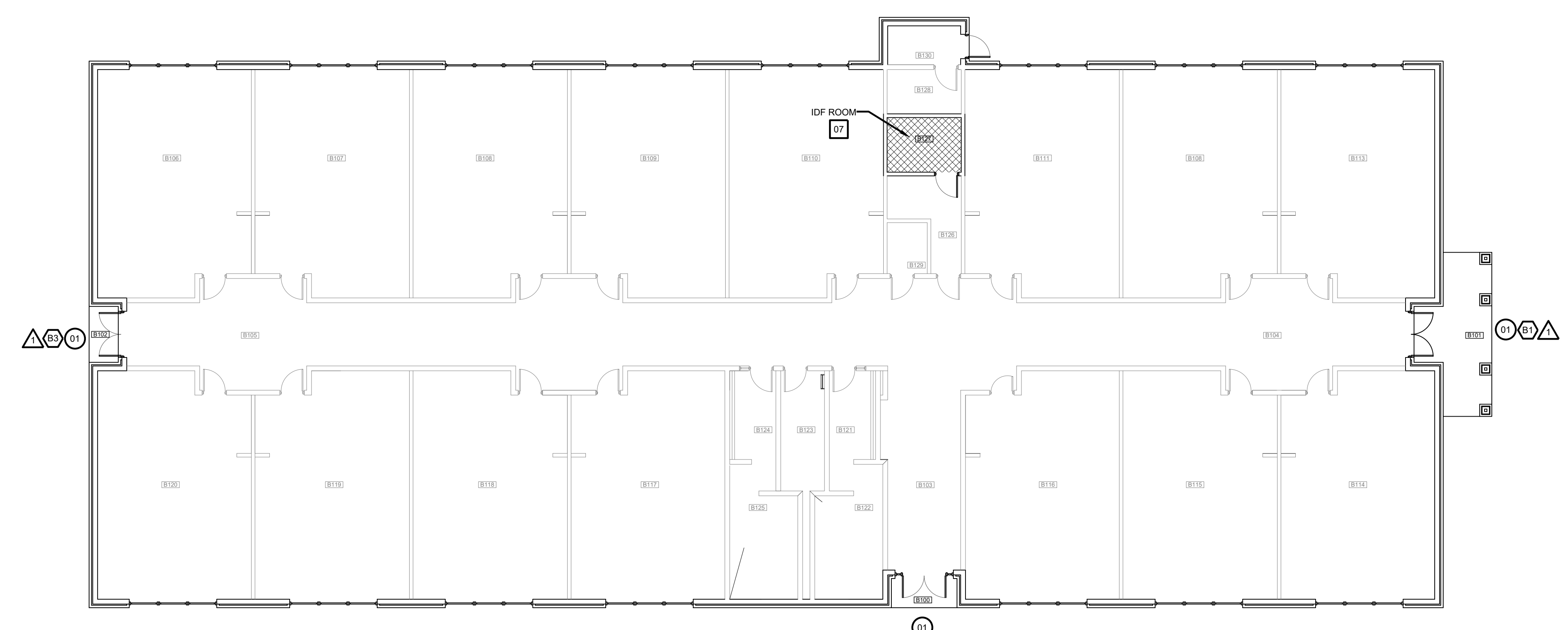
Oct 18, 2023 - 11:07amC:\Users\rgg\Dropbox\2022 IDEA Safety and Security\IDEA McAllen Quest\A1.01.dwg

**SYMBOL LEGEND**

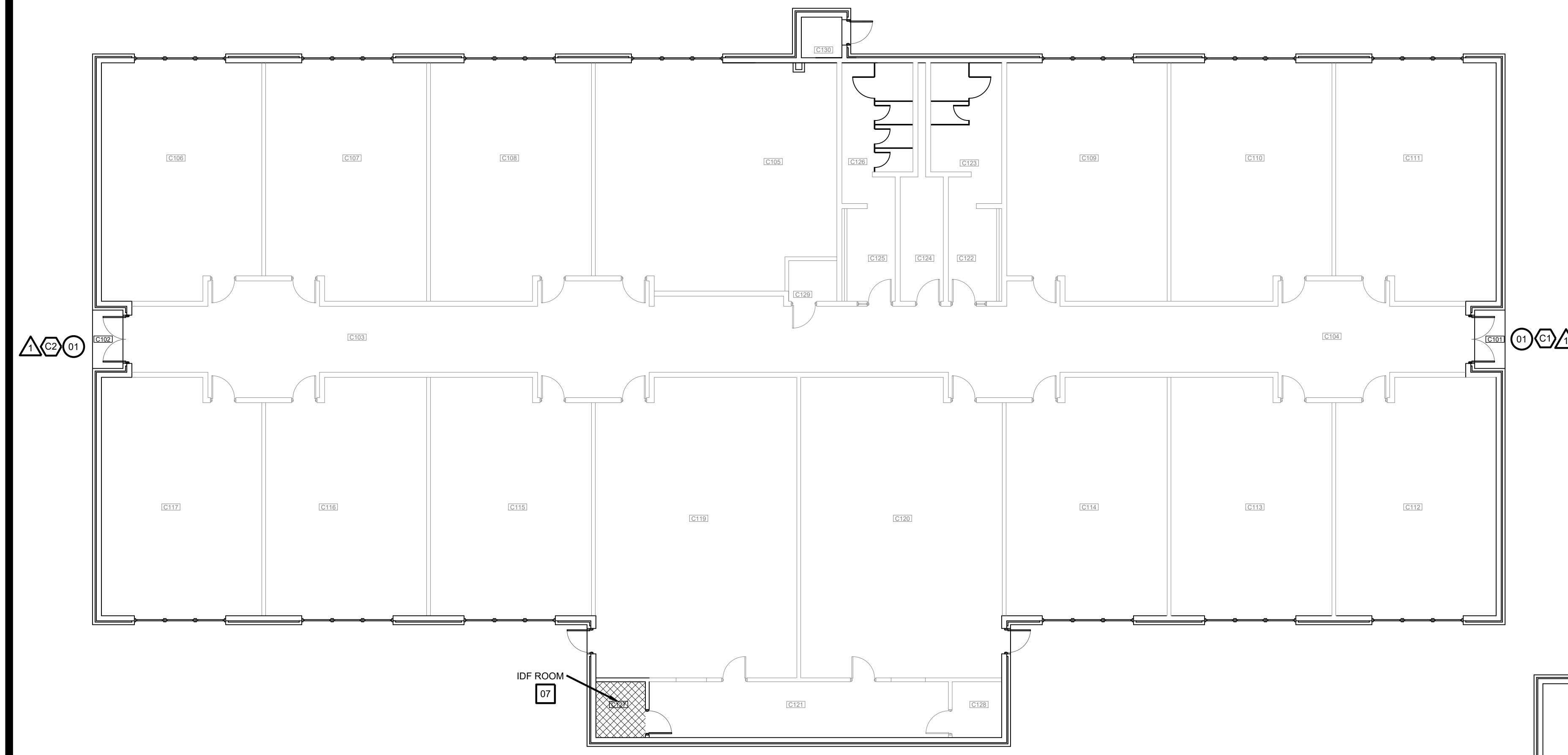
- ACCESS DOOR NUMBERING
- SECURITY DOOR HARDWARE
- IDF ACCESS HARDWARE
- SECURITY FILM



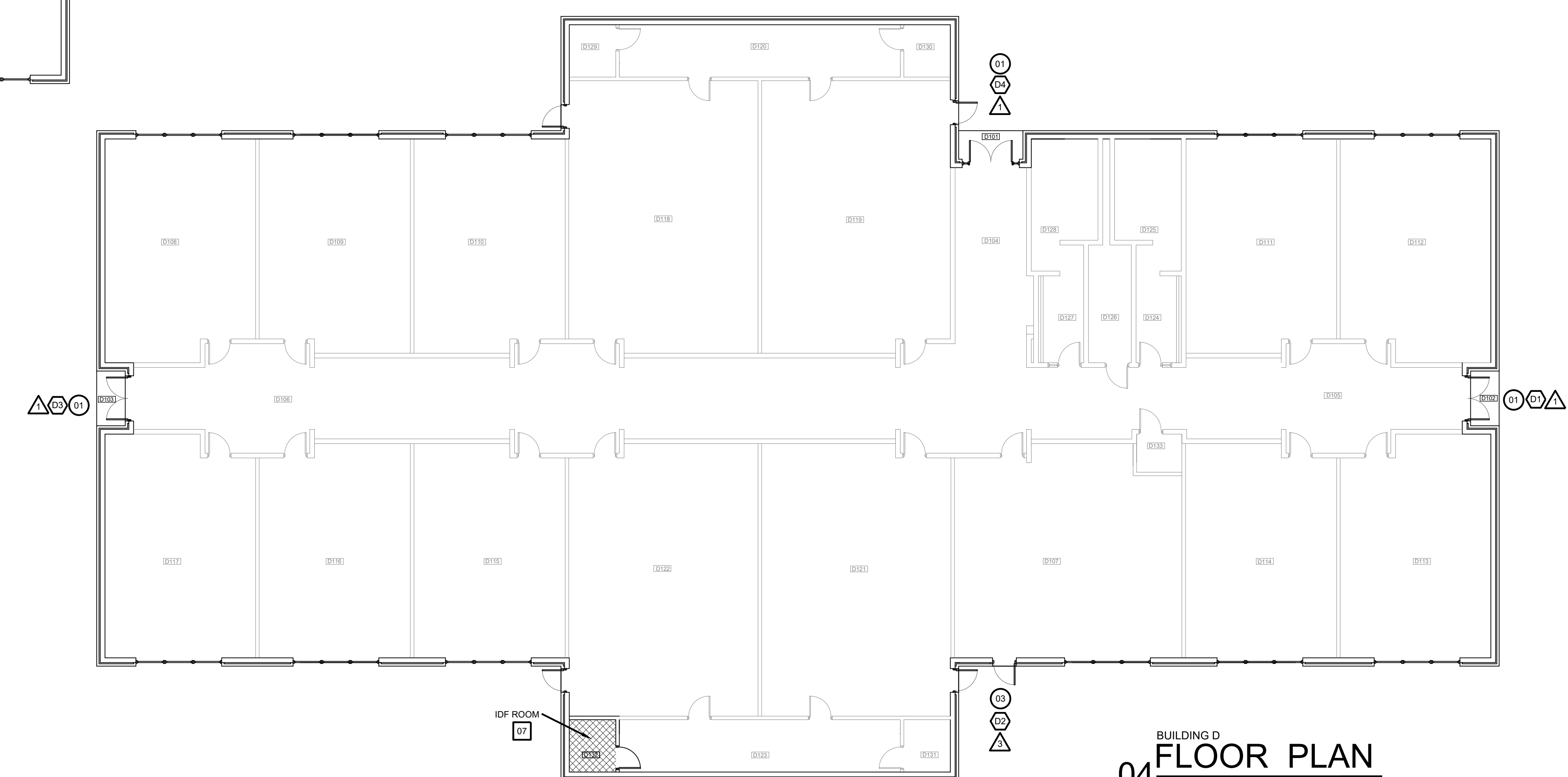
**BUILDING A FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



**BUILDING B FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



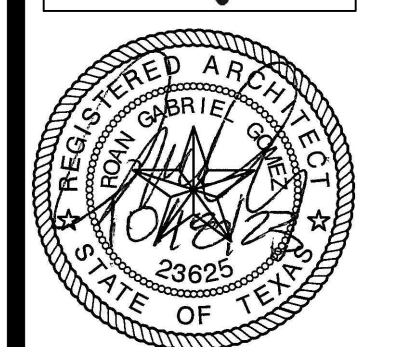
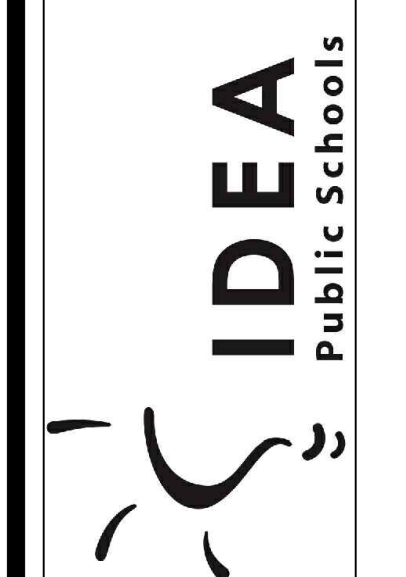
**BUILDING C FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



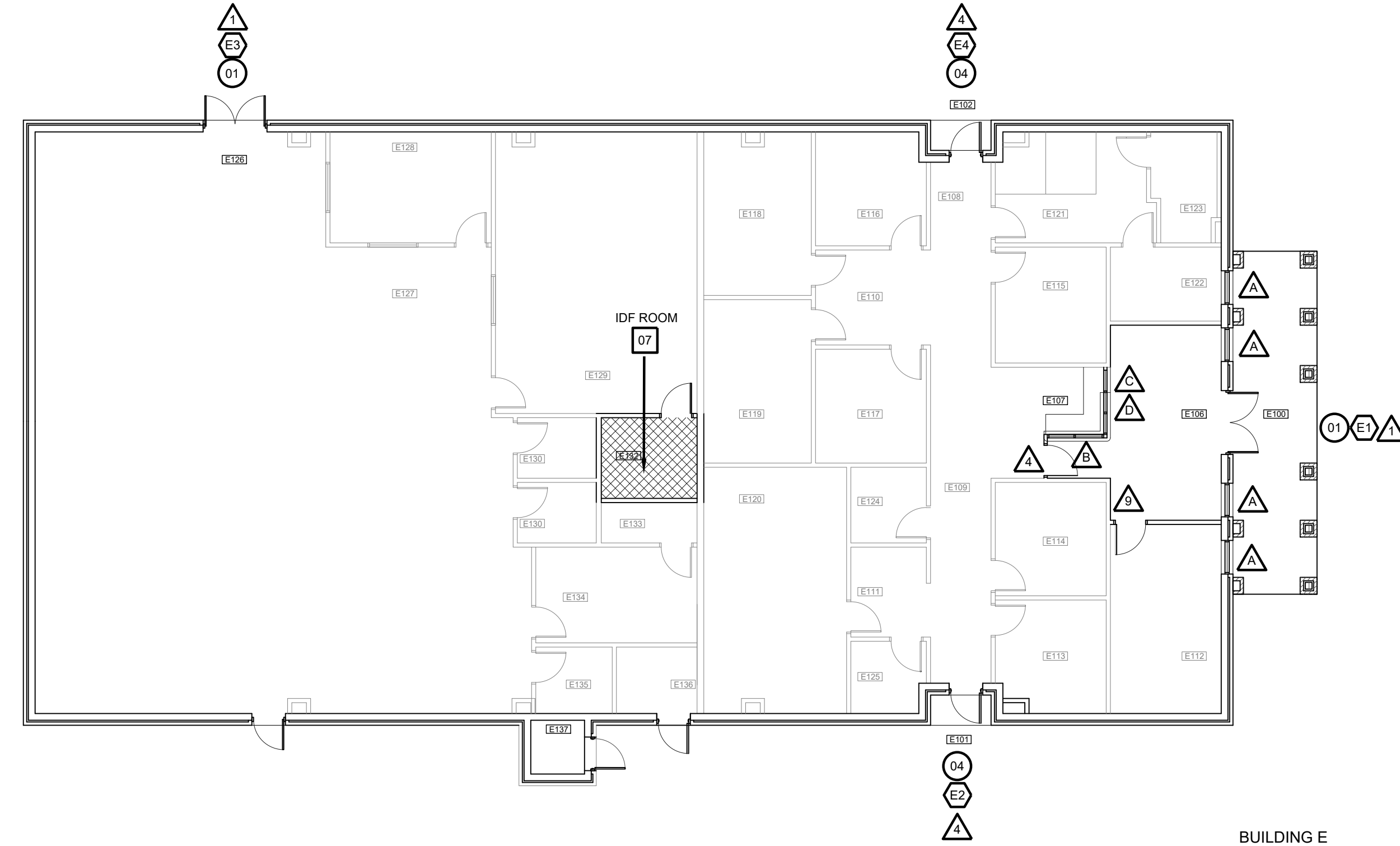
**BUILDING D FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

**IDEA McALLEN QUEST**

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 McALLEN, TEXAS



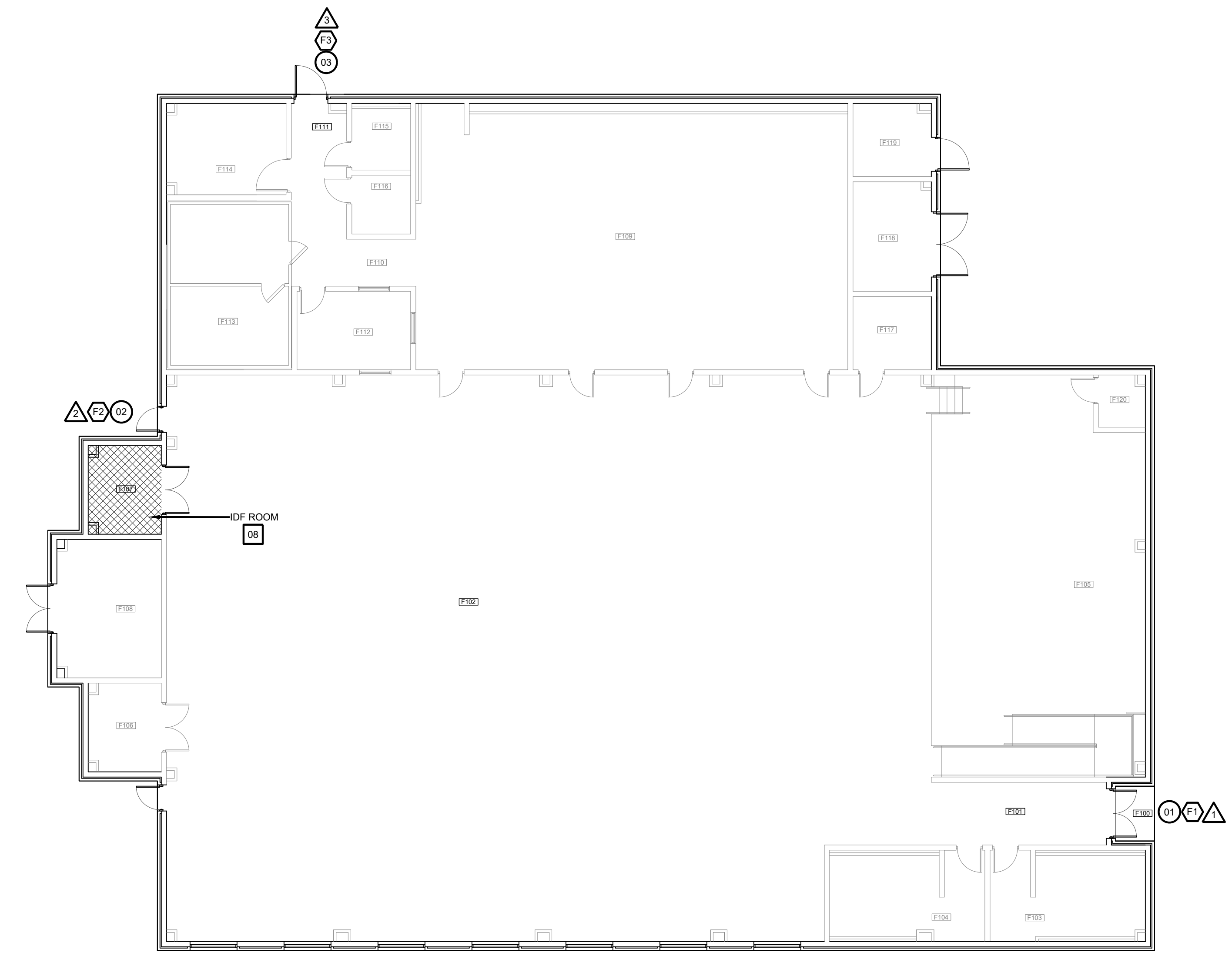
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 Date: 01/2023  
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 Project Architect: Rolin Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet: IDEA SECURITY



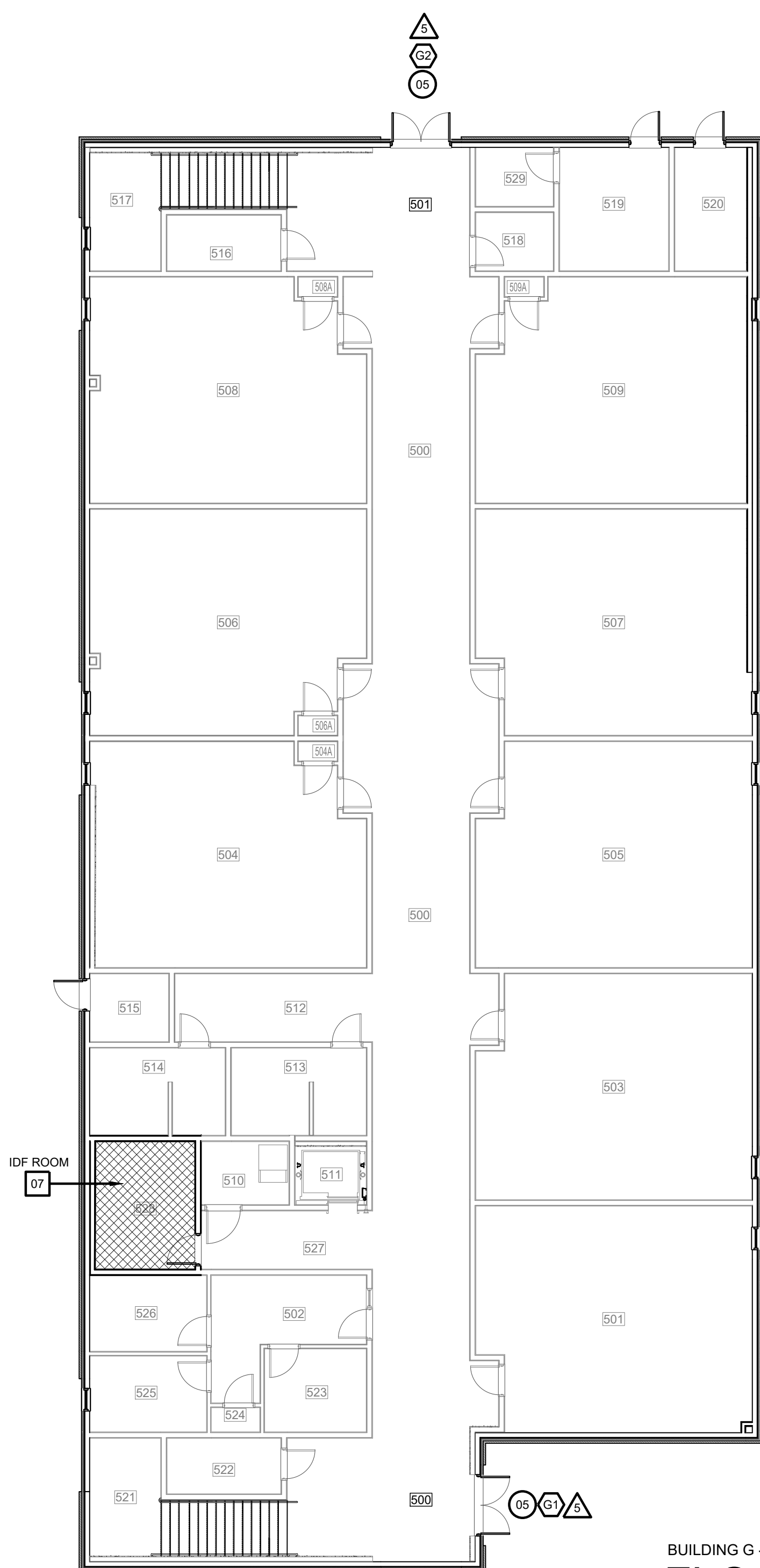
**SYMBOL LEGEND**

- ⓧ ACCESS DOOR NUMBERING
- ⊙ SECURITY DOOR HARDWARE
- ⓧ IDF ACCESS HARDWARE
- △ SECURITY FILM

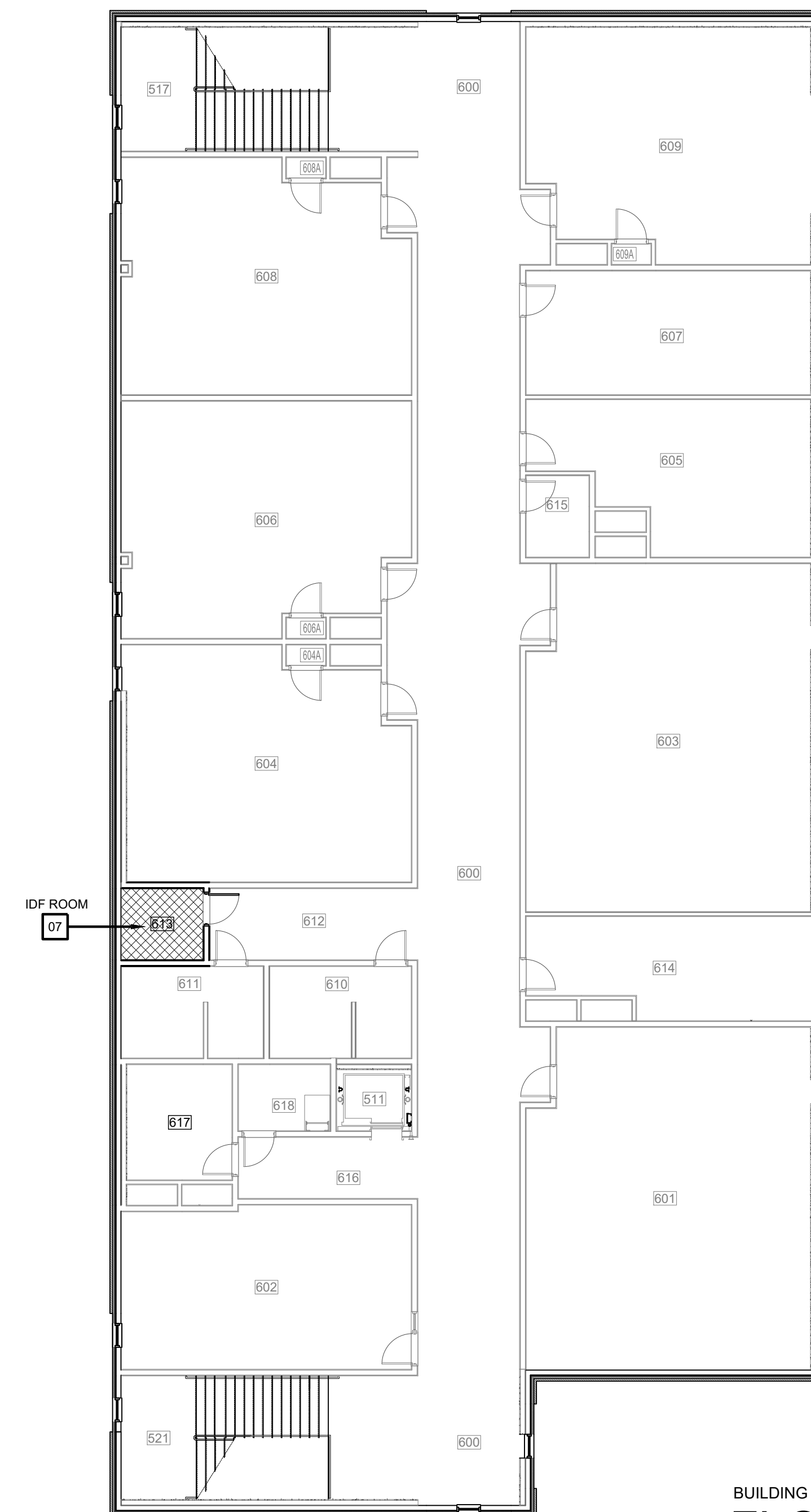
**BUILDING E  
 01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



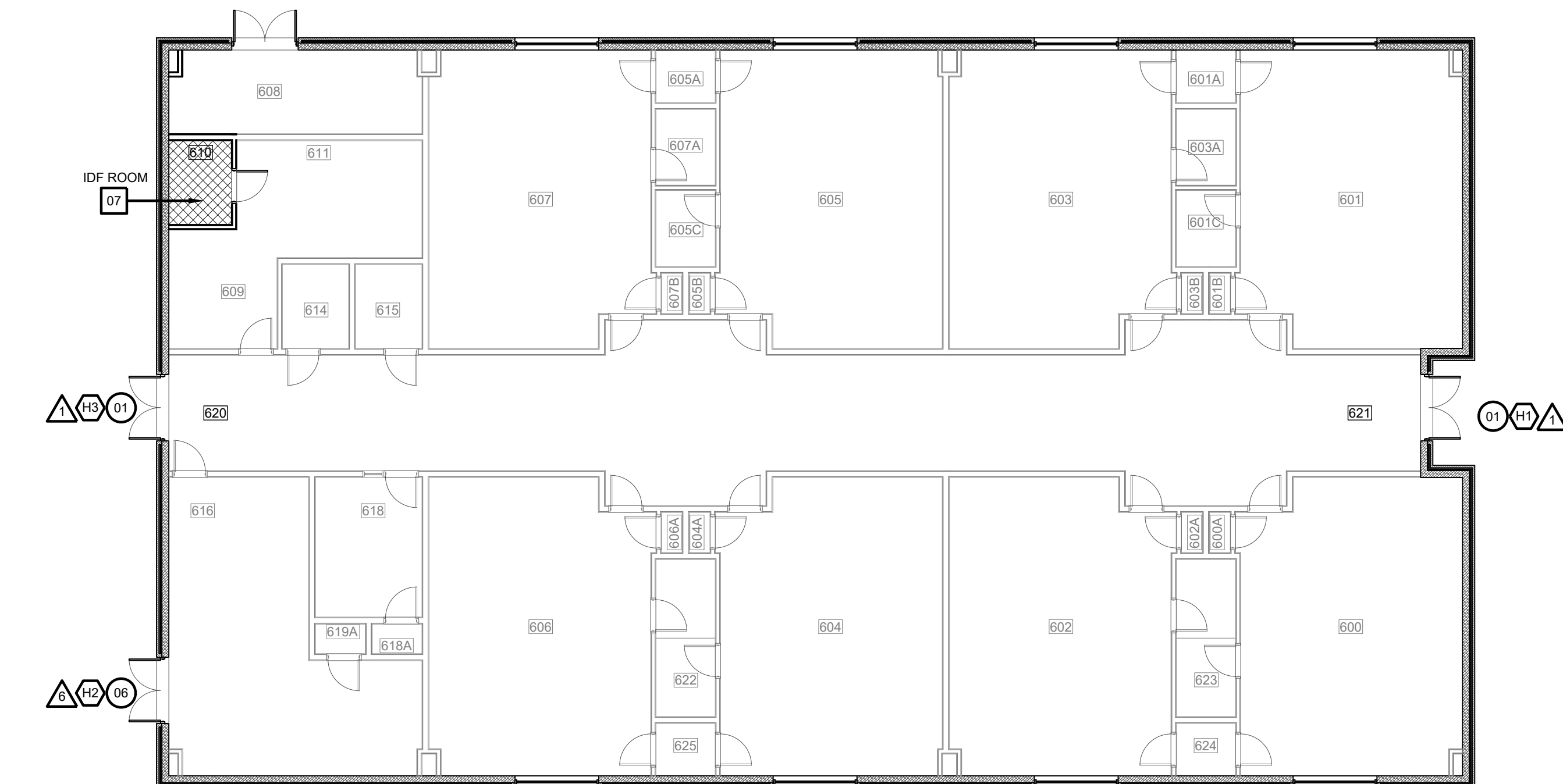
**BUILDING F  
 02 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



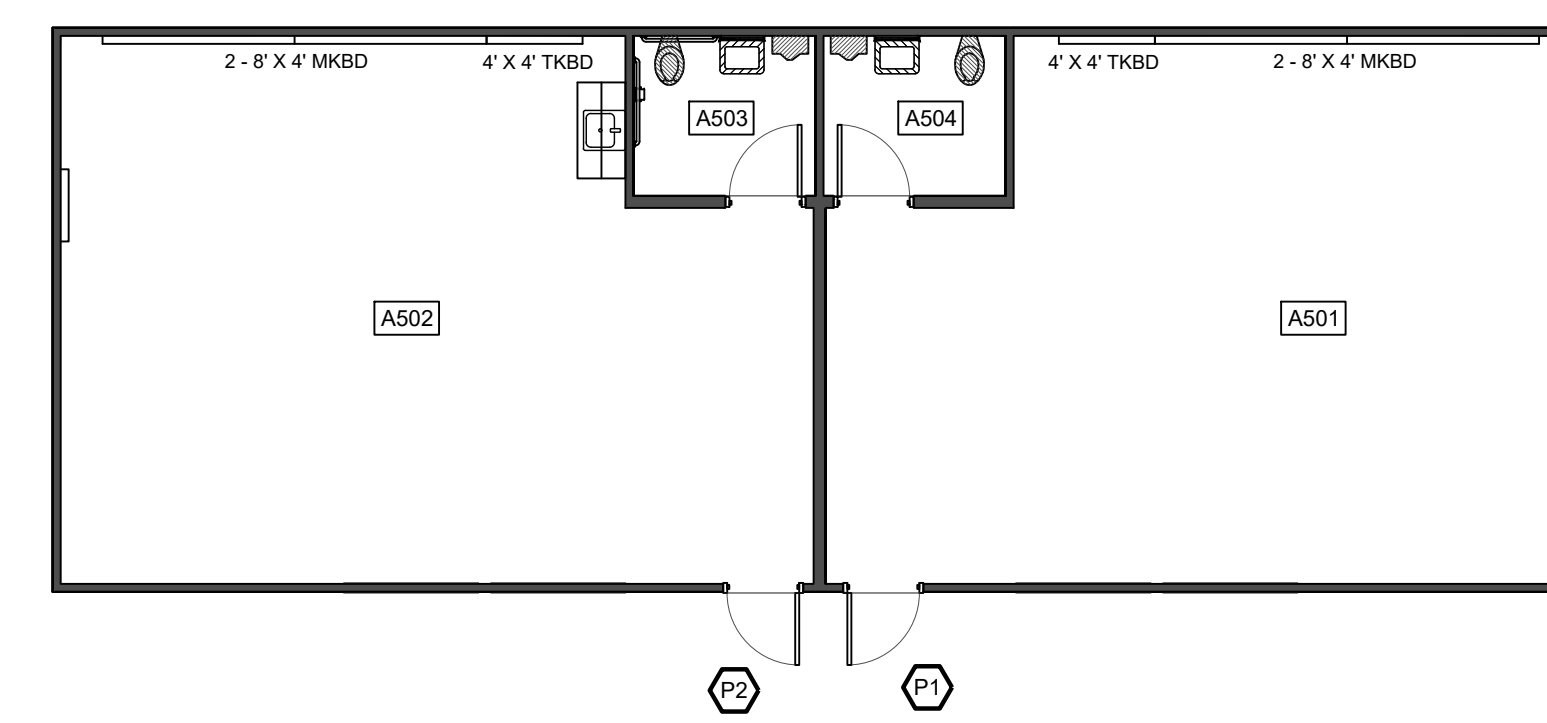
**BUILDING G - 1ST FLOOR  
 03 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



**BUILDING G - 2ND FLOOR  
 04 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

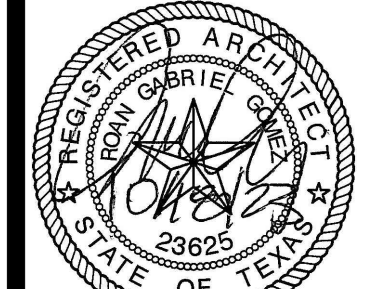


**BUILDING H  
 05 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



**PORTABLE CLASSROOMS  
 06 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 McALLEN, TEXAS  
**IDEA**  
 Public Schools



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 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet: IDEA SECURITY



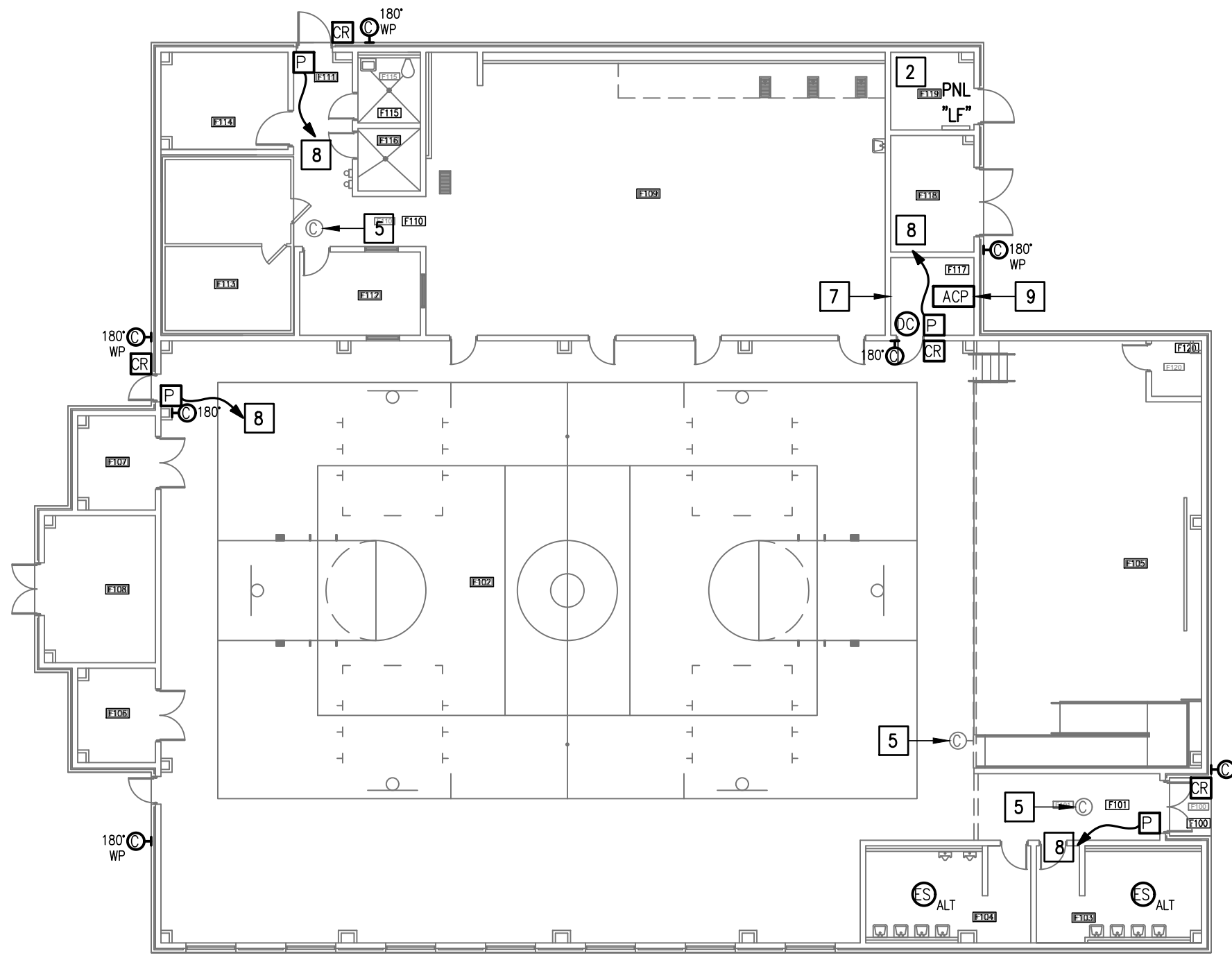


**GENERAL NOTES:**

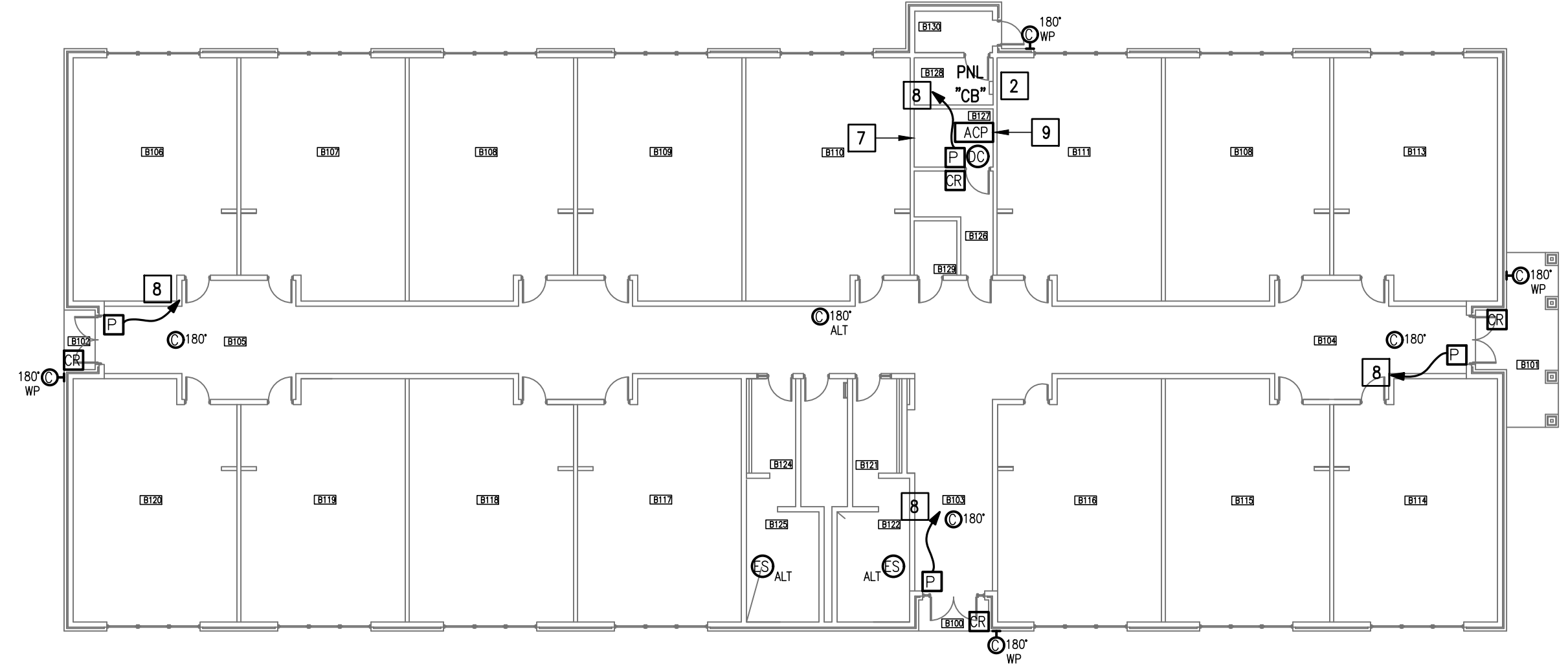
1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

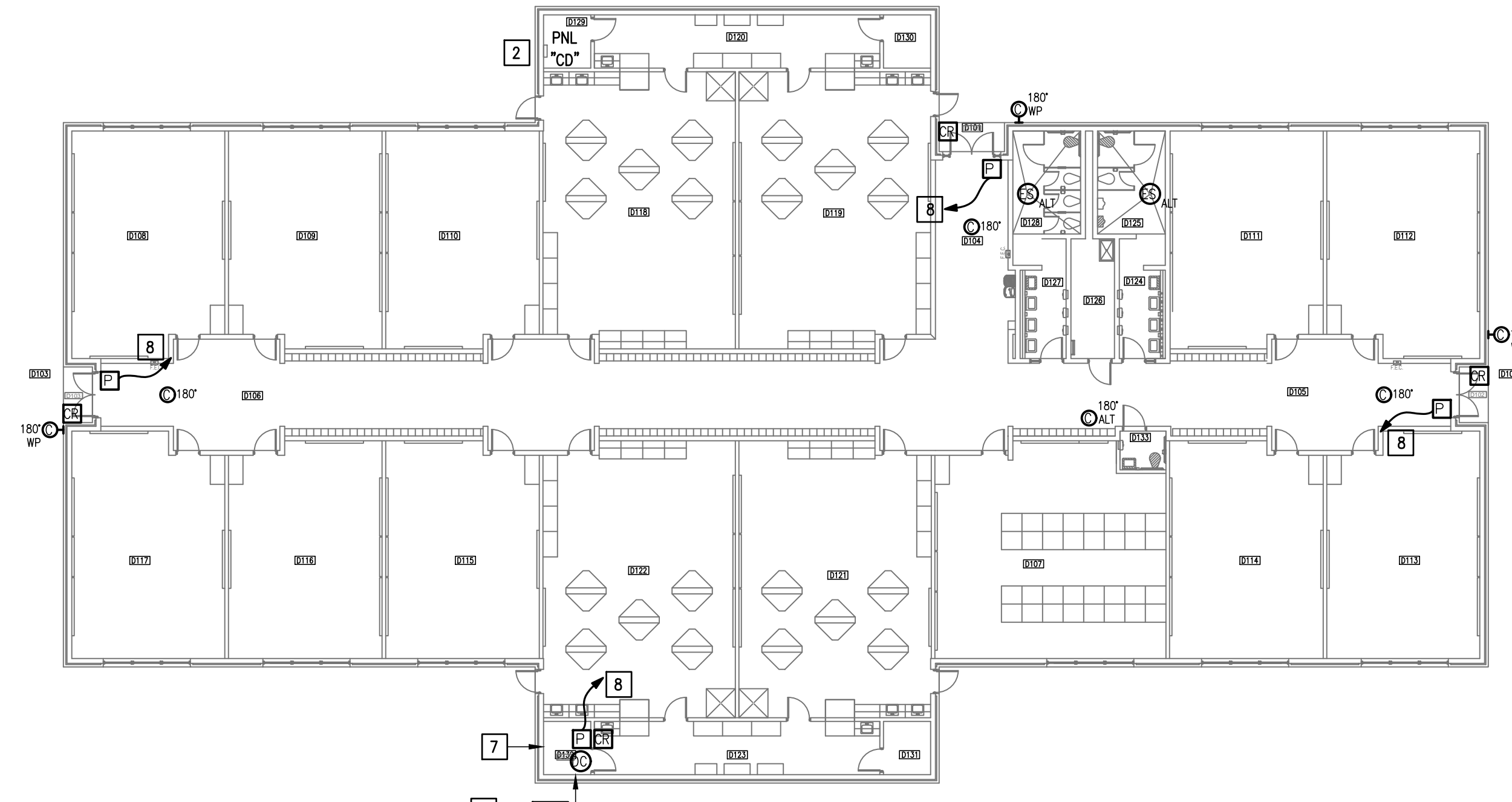
- 1 EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 3 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD-END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 4 EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL DMP.
- 5 EXISTING CCTV CAMERA. TO REMAIN AS IS - TYPICAL.
- 6 EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- 7 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 8 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 9 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 10 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 11 EXISTING TOUGHDOG VIDEO MANAGEMENT SYSTEM.



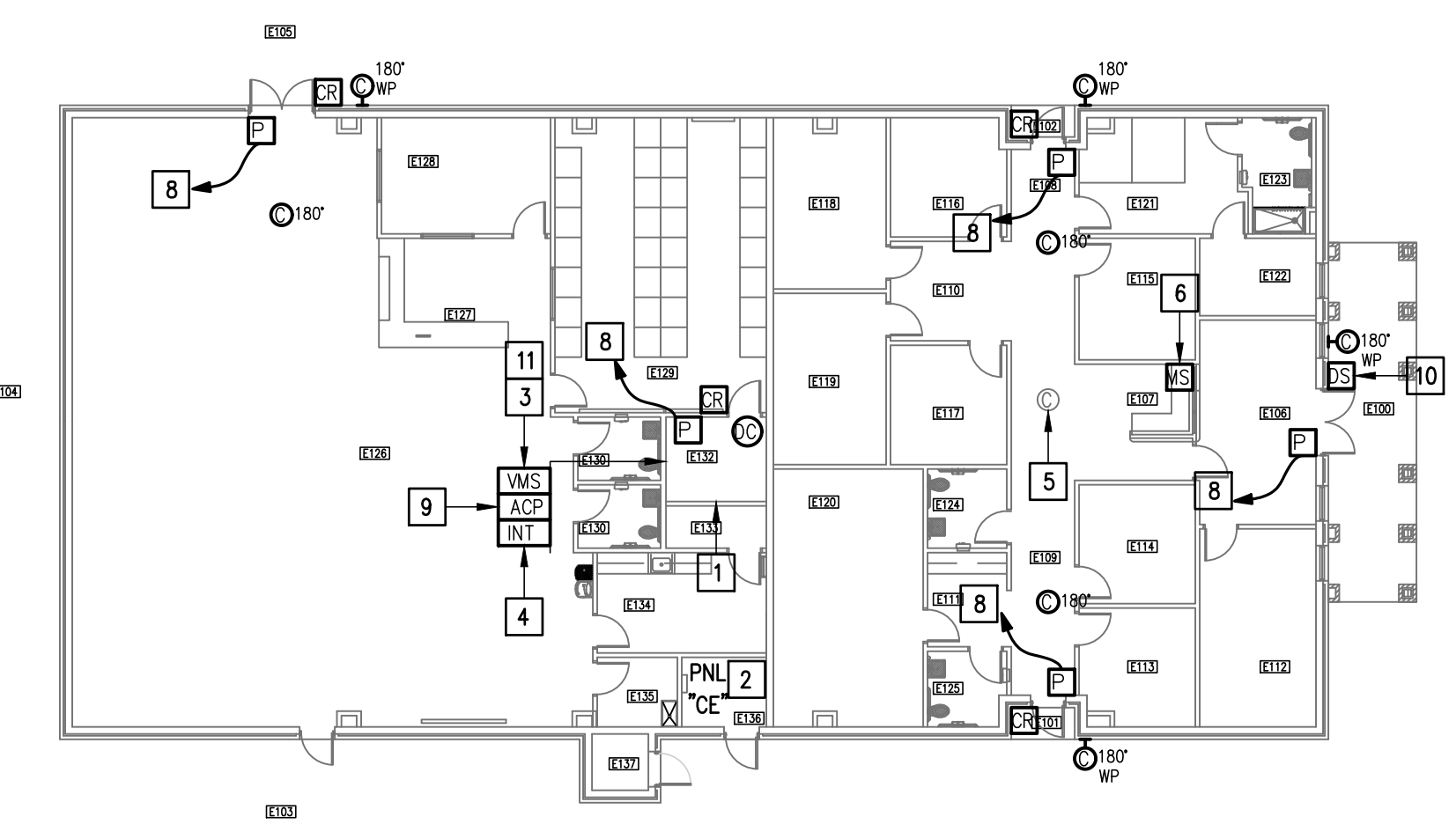
01 **IDEA QUEST TECHNOLOGY PLAN (BUILDING F)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



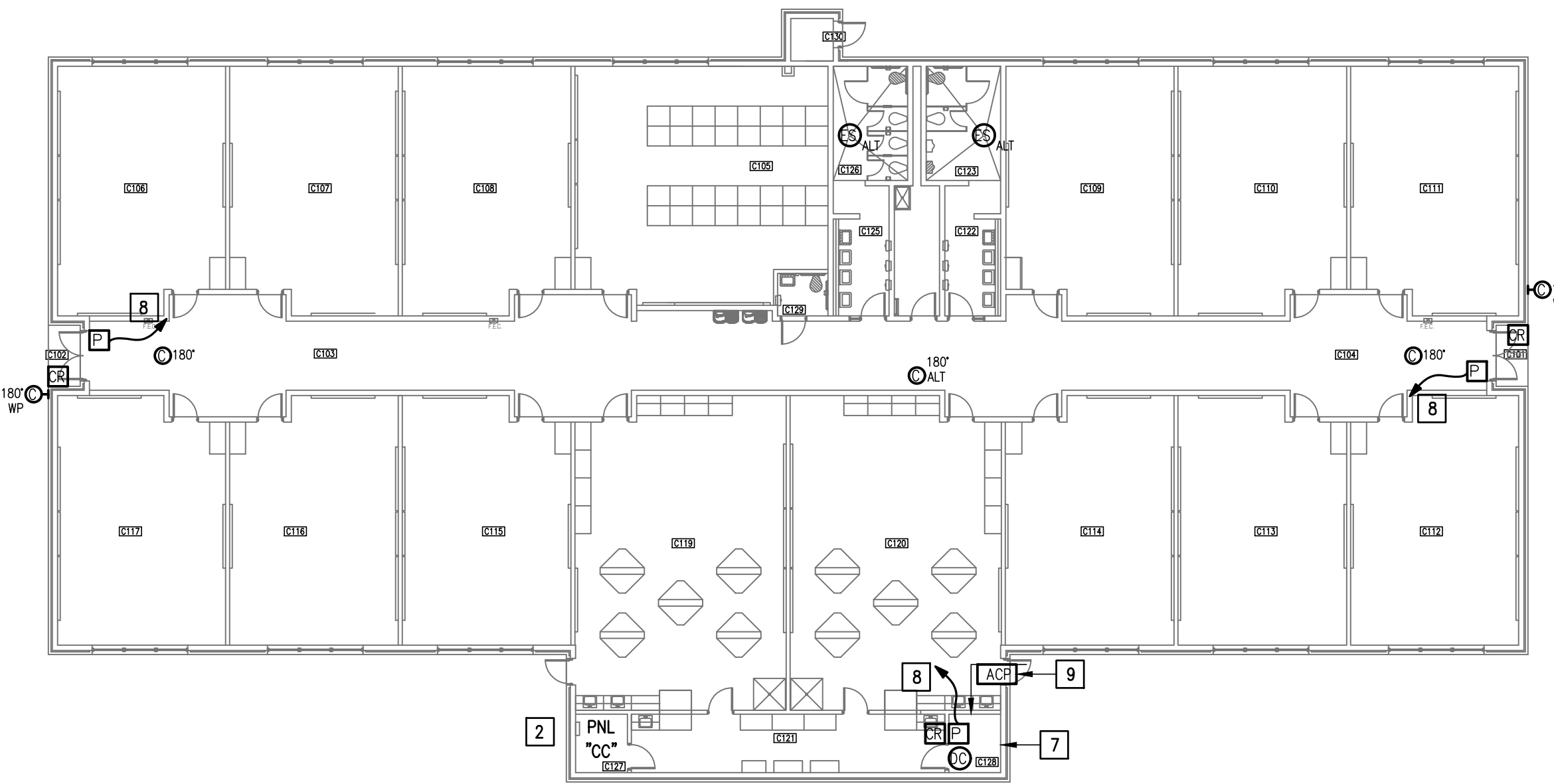
02 **IDEA QUEST TECHNOLOGY PLAN (BUILDING B)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



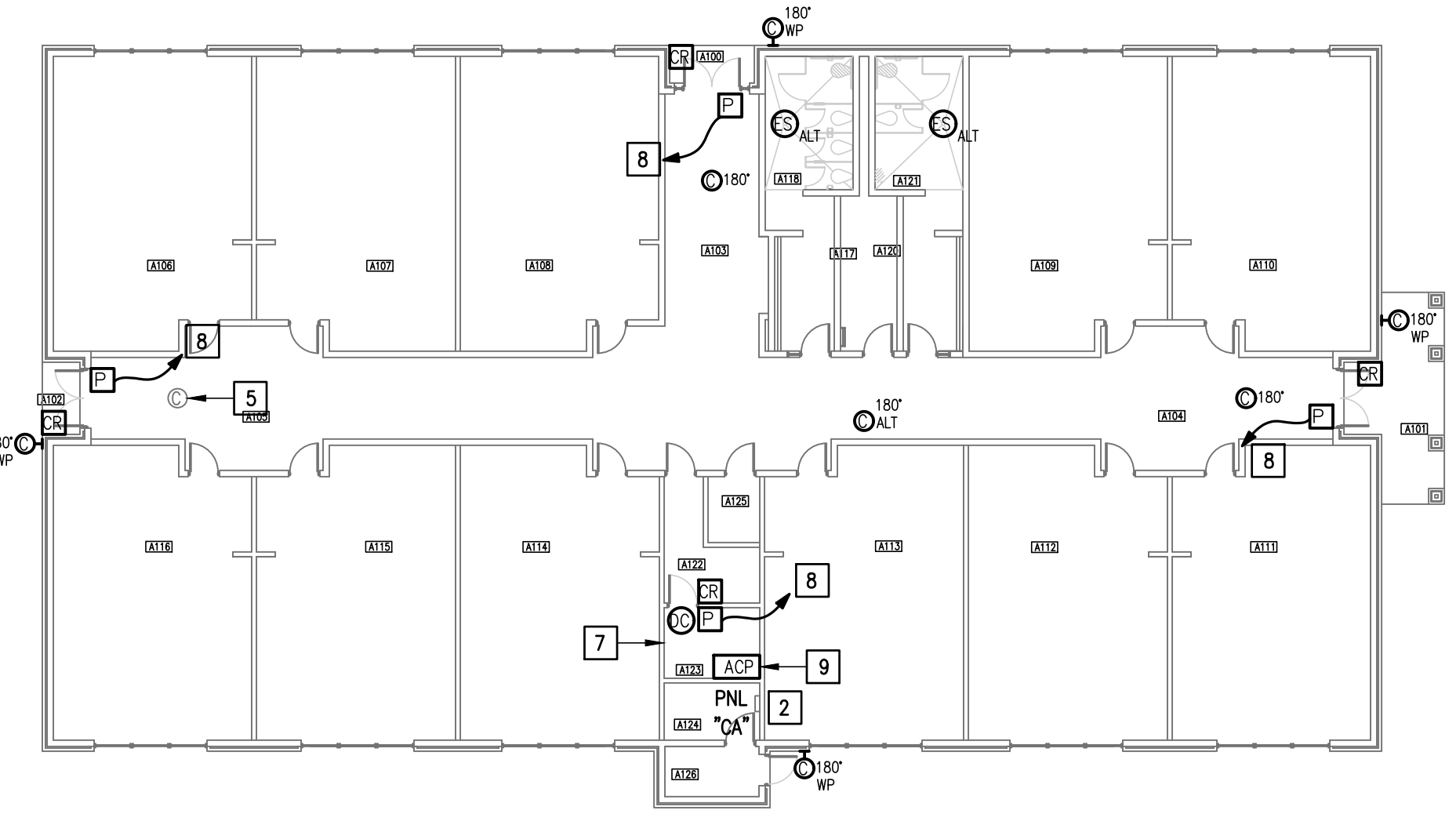
03 **IDEA QUEST TECHNOLOGY PLAN (BUILDING D)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



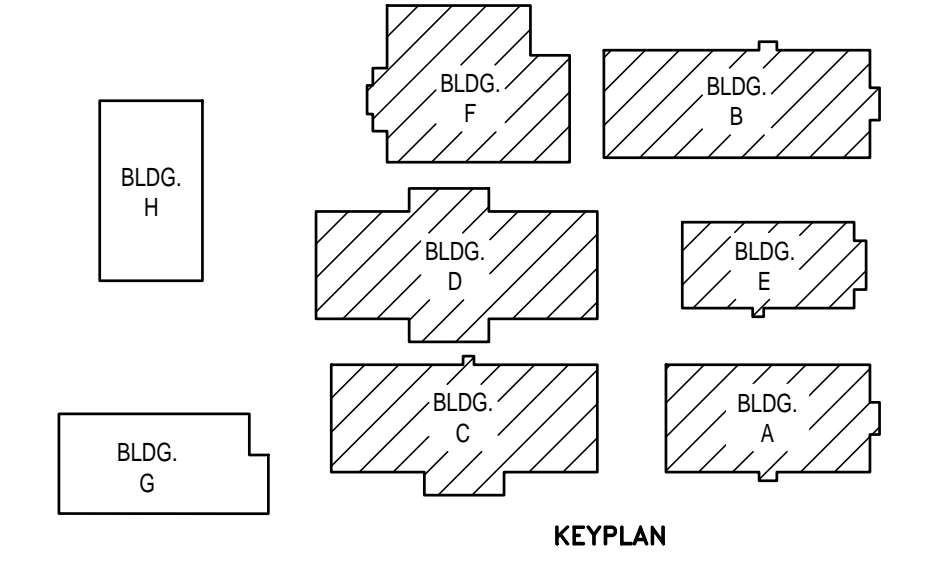
04 **IDEA QUEST TECHNOLOGY PLAN (BUILDING E)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



05 **IDEA QUEST TECHNOLOGY PLAN (BUILDING C)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



06 **IDEA QUEST TECHNOLOGY PLAN (BUILDING A)**  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH





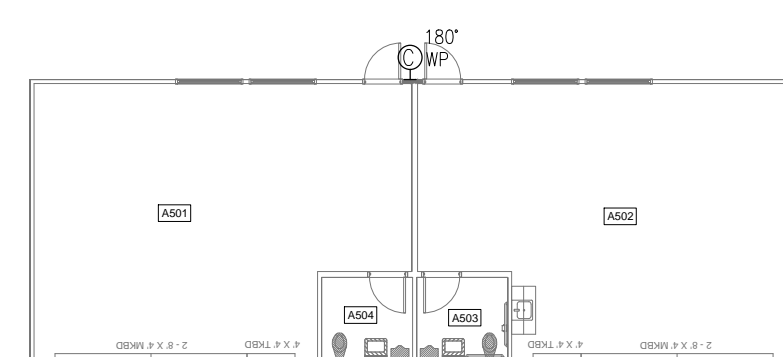

GMS ARCHITECTS  
1150 Paredes Line Rd  
Brownsville TX 78526  
(956) 546-0110  
fax (956) 546-0196

GENERAL NOTES:

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

KEYED NOTES:

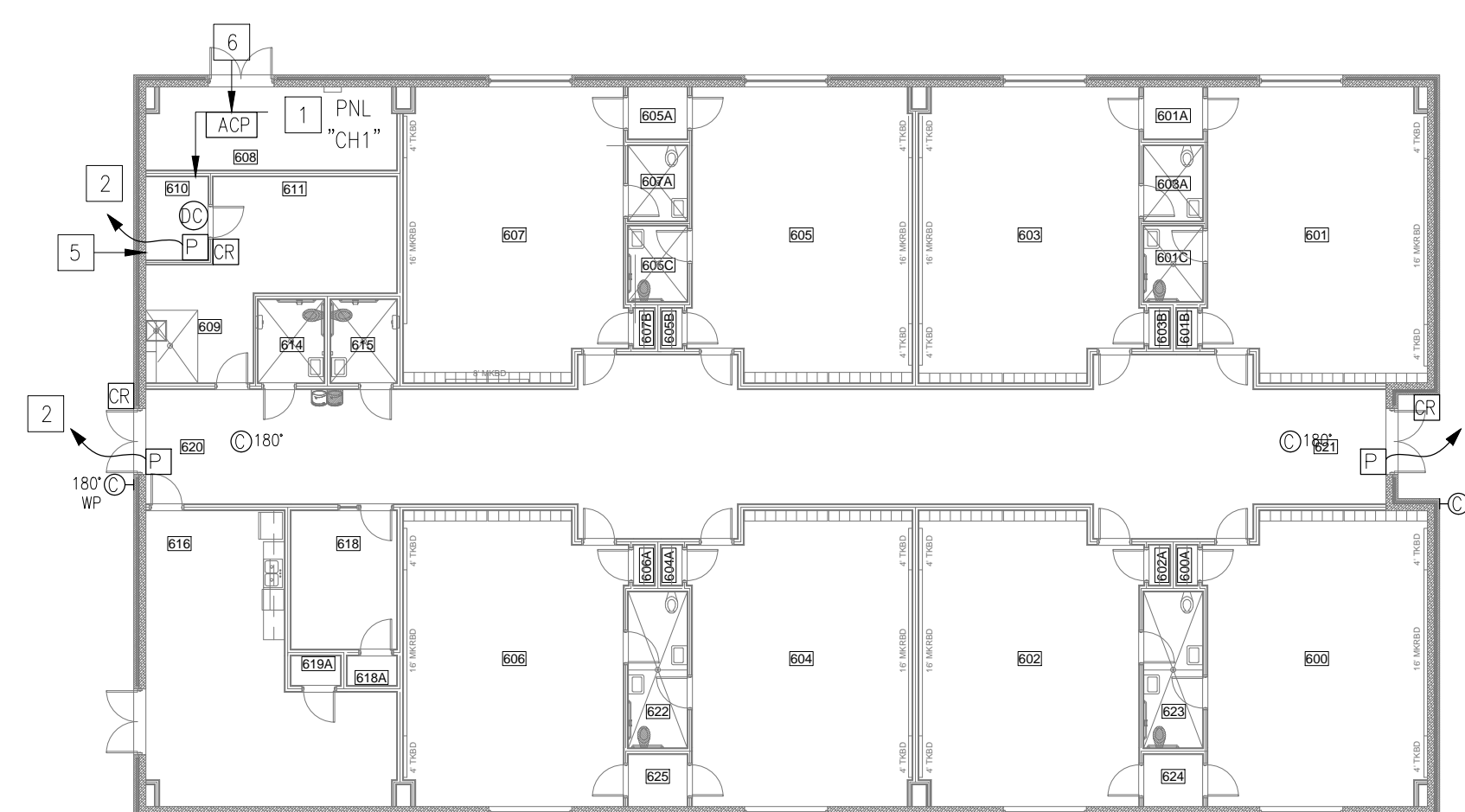
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- PROVIDE VERKADABA EQUIPMENT AND 120V CONNECTION.
- EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL DMP.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE ACCESS CONTROL PANEL HEADEND EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



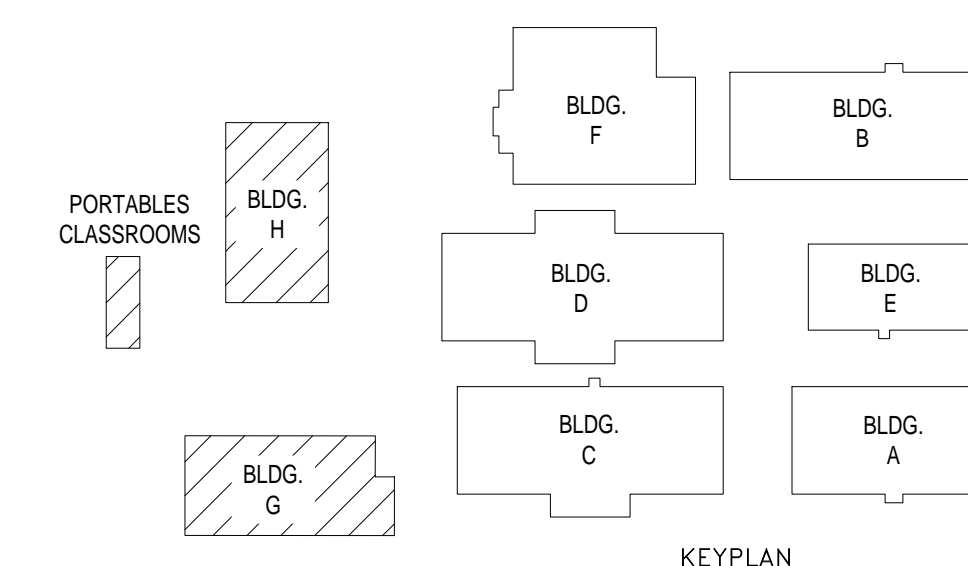
01 IDEA QUEST TECHNOLOGY PLAN (PORTABLES #1 & #2)  
SCALE : 1/16" = 1'-0"



02 IDEA QUEST TECHNOLOGY PLAN (BUILDING G)  
SCALE : 1/16" = 1'-0"



03 IDEA QUEST TECHNOLOGY PLAN (BUILDING H)  
SCALE : 1/16" = 1'-0"



KEYPLAN



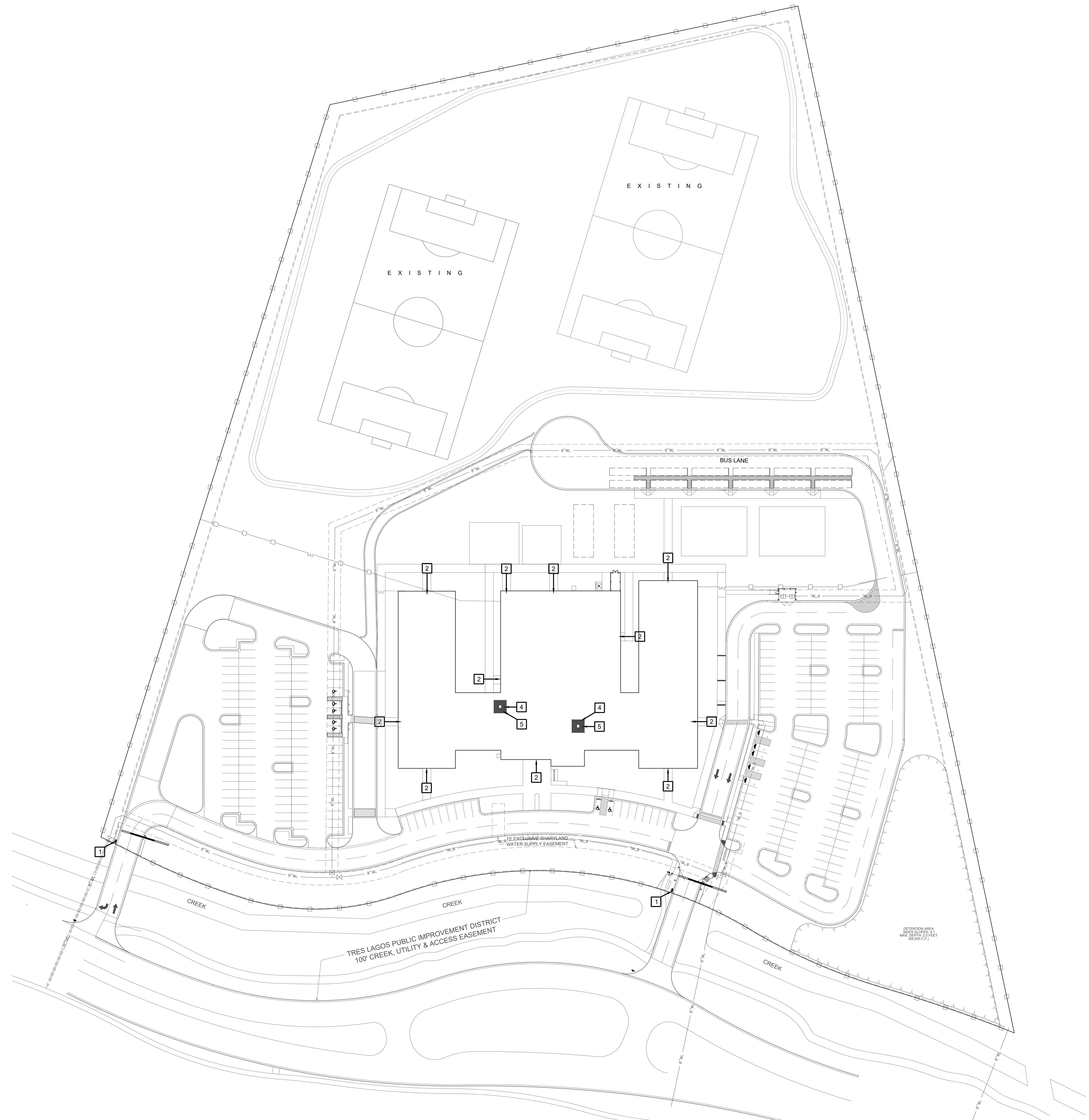
IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
MCALLEN, TEXAS



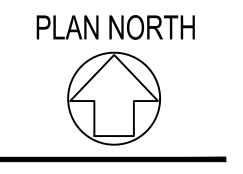
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Interior Designers

Date: 10/24/2023  
Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 22V90  
Sheet:



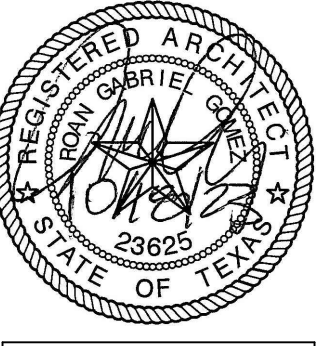


**01 OVERALL SITE PLAN**  
 SCALE 1" = 50'-0"



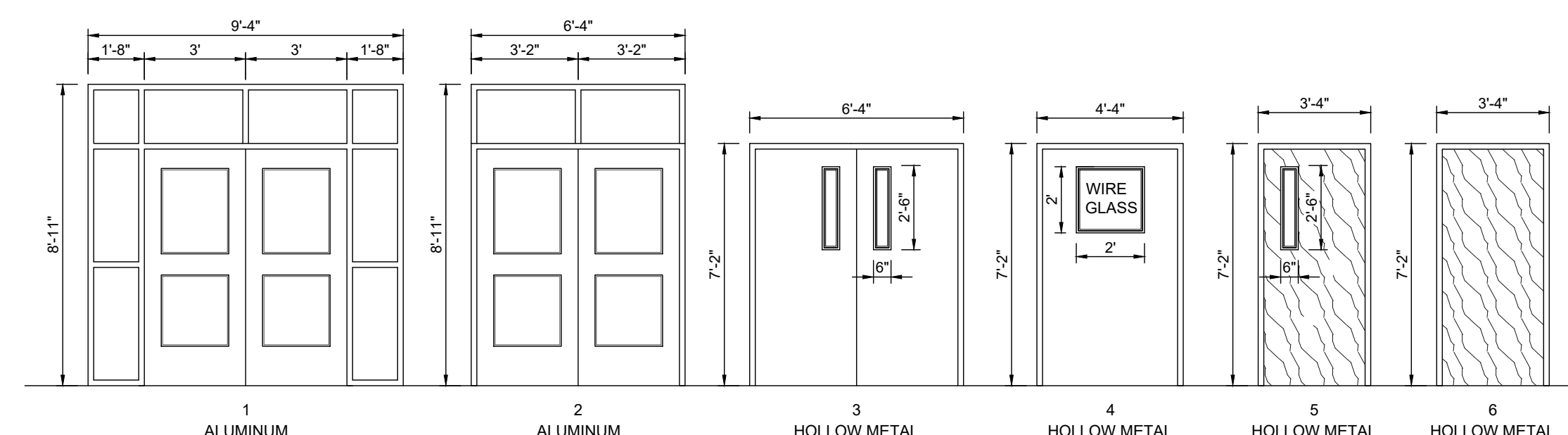
- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 McALLEN, TEXAS

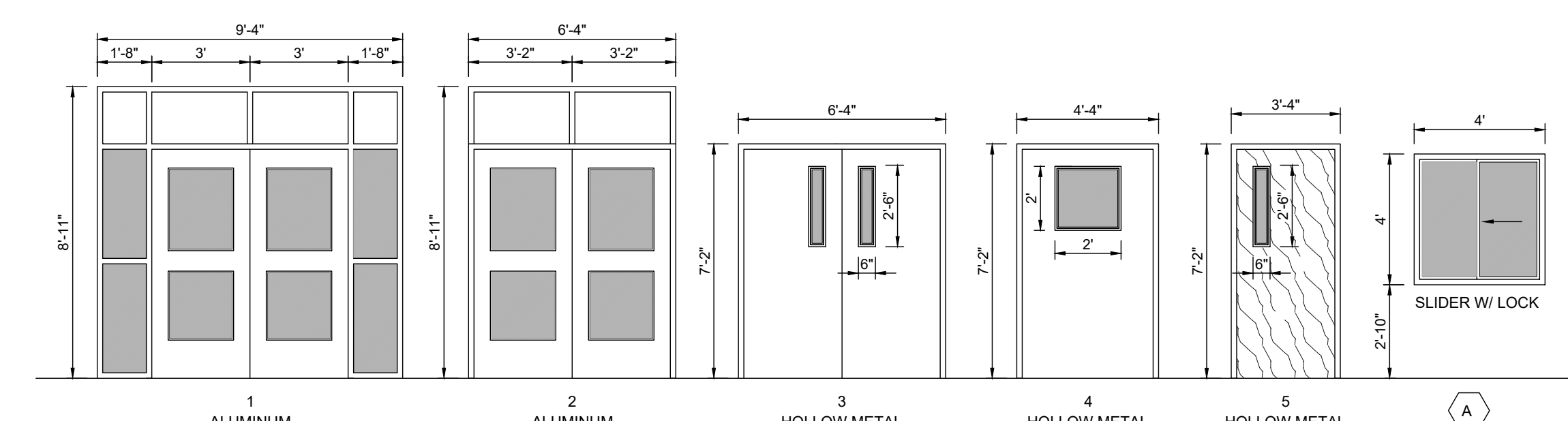


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 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:





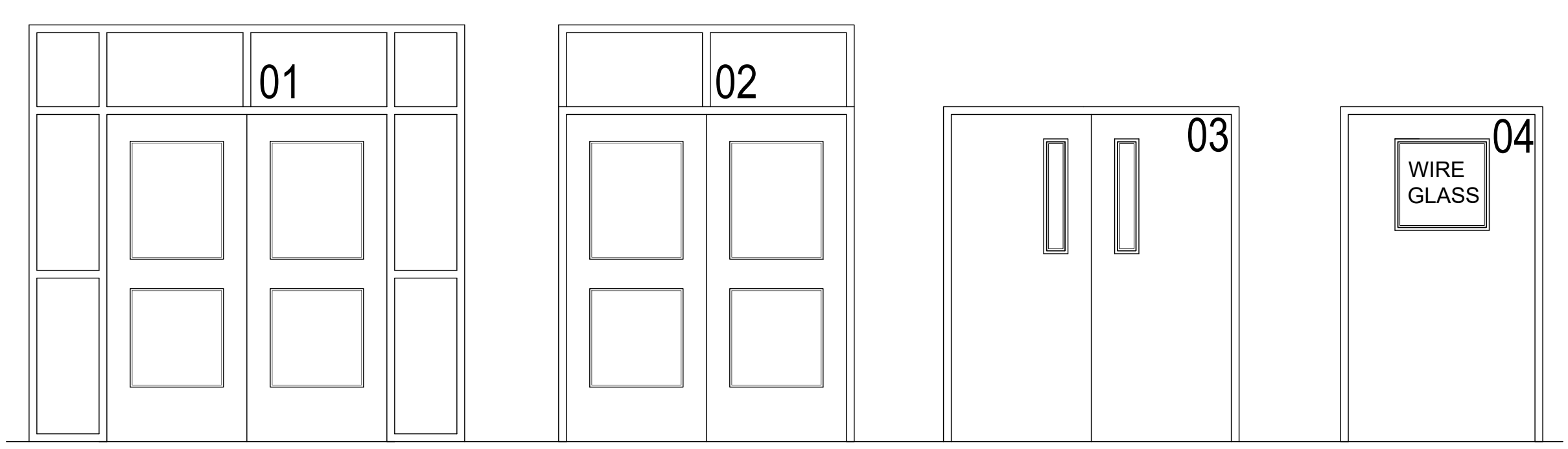
ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"



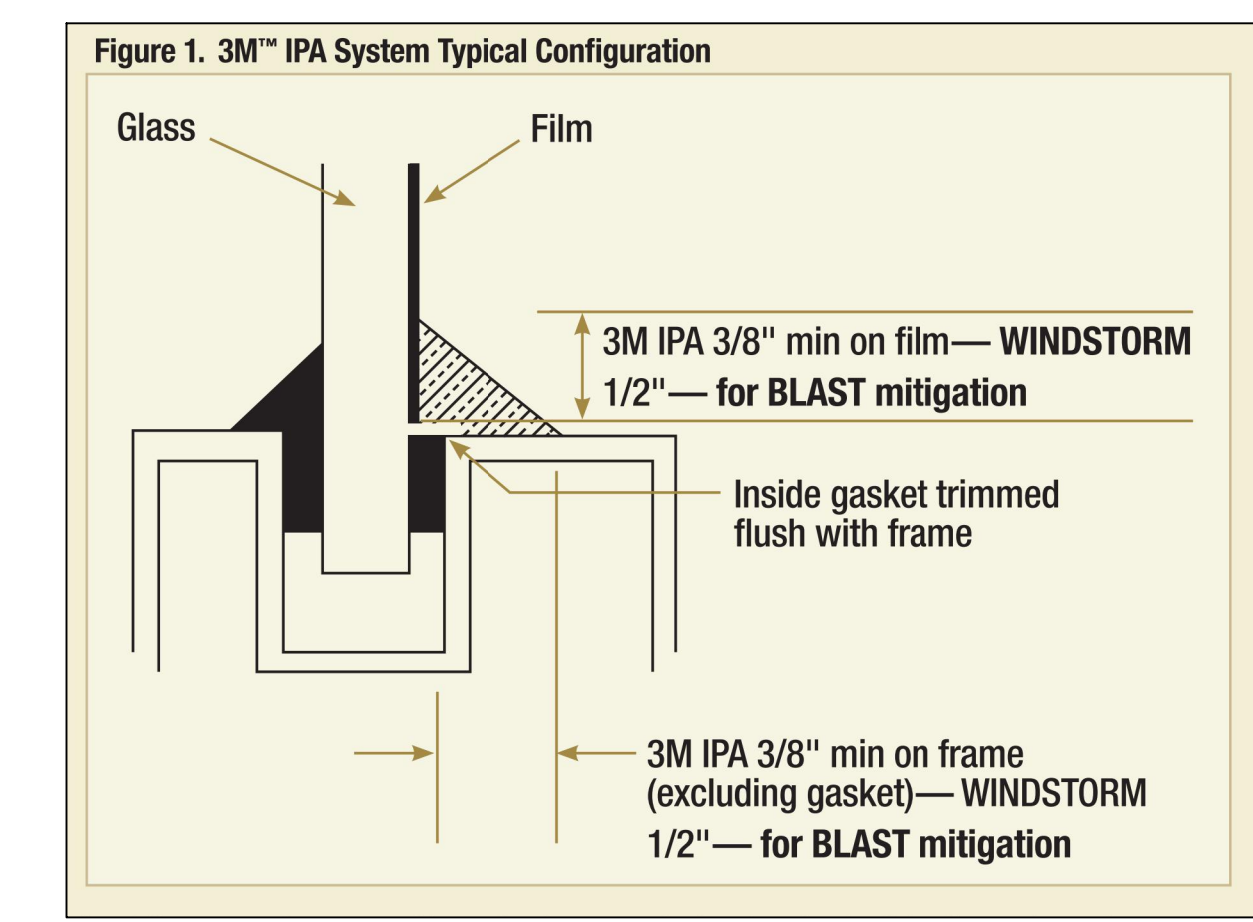
SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

ACCESS CONTROL - DOOR SCHEDULE											
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	T	MATL.	W			H	T
100	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	5'-4"	8'-11"	4-1/2"	A	
203	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
200	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
203	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
151	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
150-1	03	HM	PR - 3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
150-2	03	HM	PR - 3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
150-3	03	HM	PR - 3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
156	04	HM	4'-0"	4'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	D	
151	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
324	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
102	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
323	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
120	06	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
132	06	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
519	06	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
515	06	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
627	06	SC	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM

WINDOW FILM - DOOR / WINDOW SCHEDULE										
BLDG	FRAME NO.	DOOR			WINDOW			REMARKS		
		MATL.	W	H	T	MATL.	W		H	T
100	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	
203	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	
200	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	
203	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	
151	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	
150-1	03	HM	PR - 3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	
150-2	03	HM	PR - 3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	
150-3	03	HM	PR - 3'-0"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	
156	04	HM	4'-0"	4'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	
151	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	
324	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	
102	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	
323	02	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	
151	05	HM	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	
128	05	HM	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	
115	05	HM	3'-0"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	
A						ALUM.	4'-0"	4'-0"	4-1/2"	



**02 DOOR NUMBER LOCATION**  
ALL LETTERS ARE SHALL BE 6" TALL VINYL WITH REFLECTIVE FINISH.

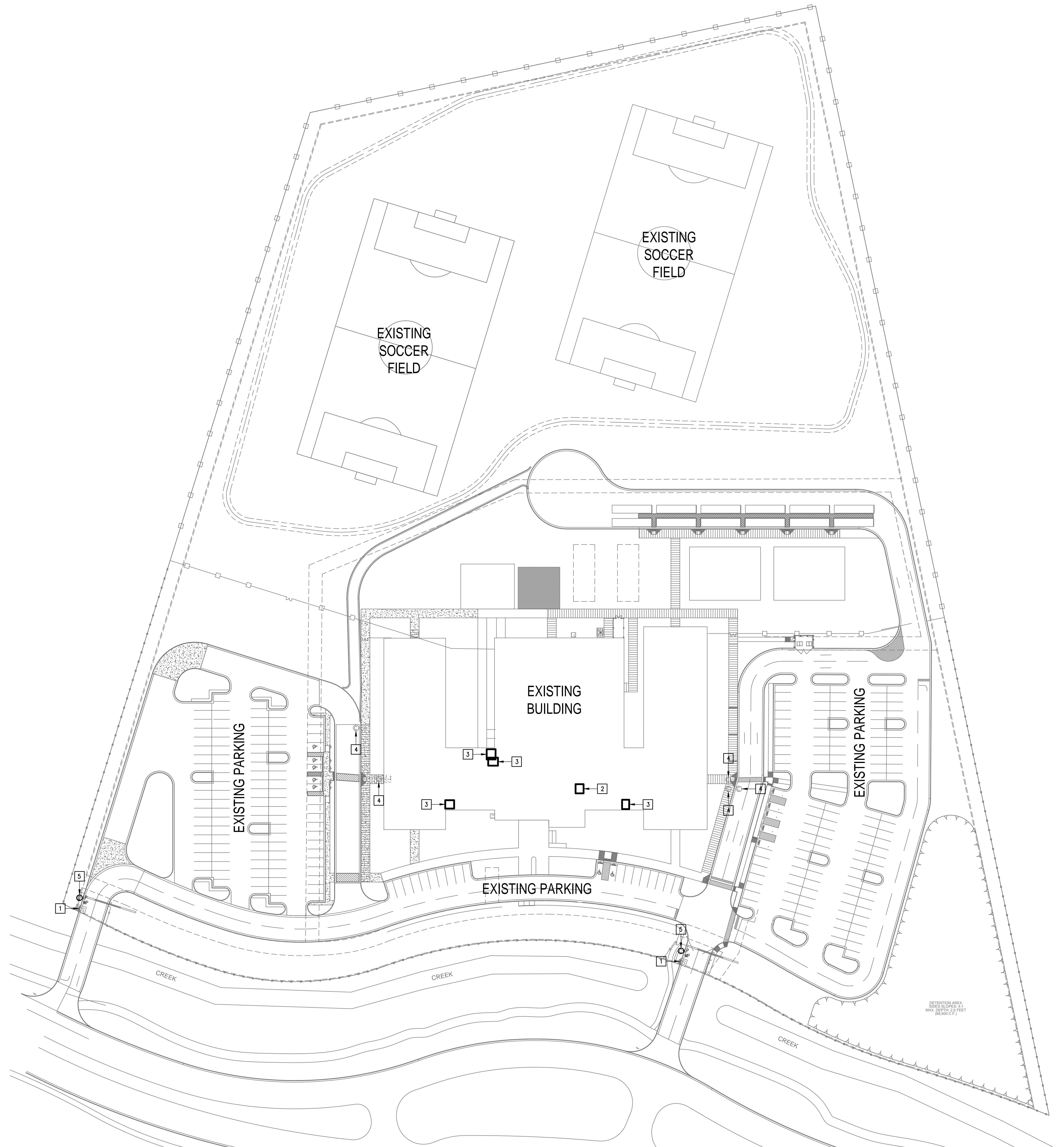


**01 FILM DETAIL**  
NOT TO SCALE

No.	REVISIONS	BY

- KEYED NOTES:**
- 1 EXISTING DOOR STATION. PROVIDE A CARD READER INCLUDING CABLING IN AVAILABLE SLOT.
  - 2 EXISTING MDF ROOM.
  - 3 EXISTING IDF ROOM.
  - 4 EXISTING CCTV CAMERA. TO REMAIN AS IS.
  - 5 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATION SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.

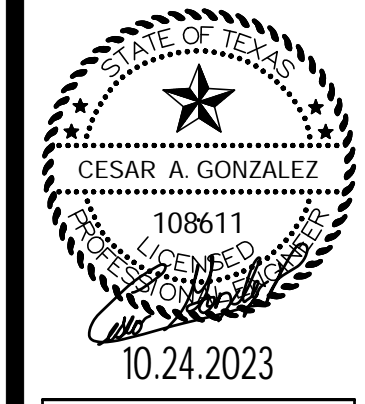
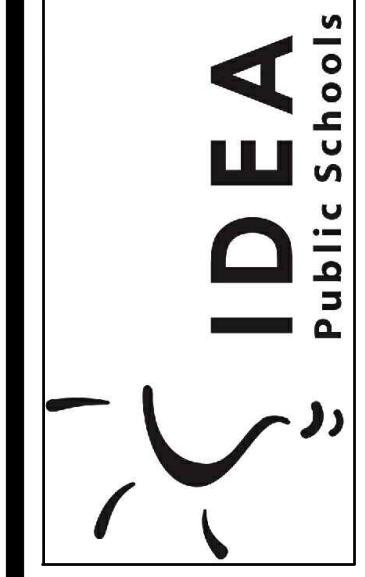
GMS ARCHITECTS  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196



01 IDEA TRES LAGOS  
 TECHNOLOGY PLAN (SITE PLAN)  
 SCALE: 1" = 80'-0"



IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 MCALLEN, TEXAS



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 Interior Designers  
 Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:





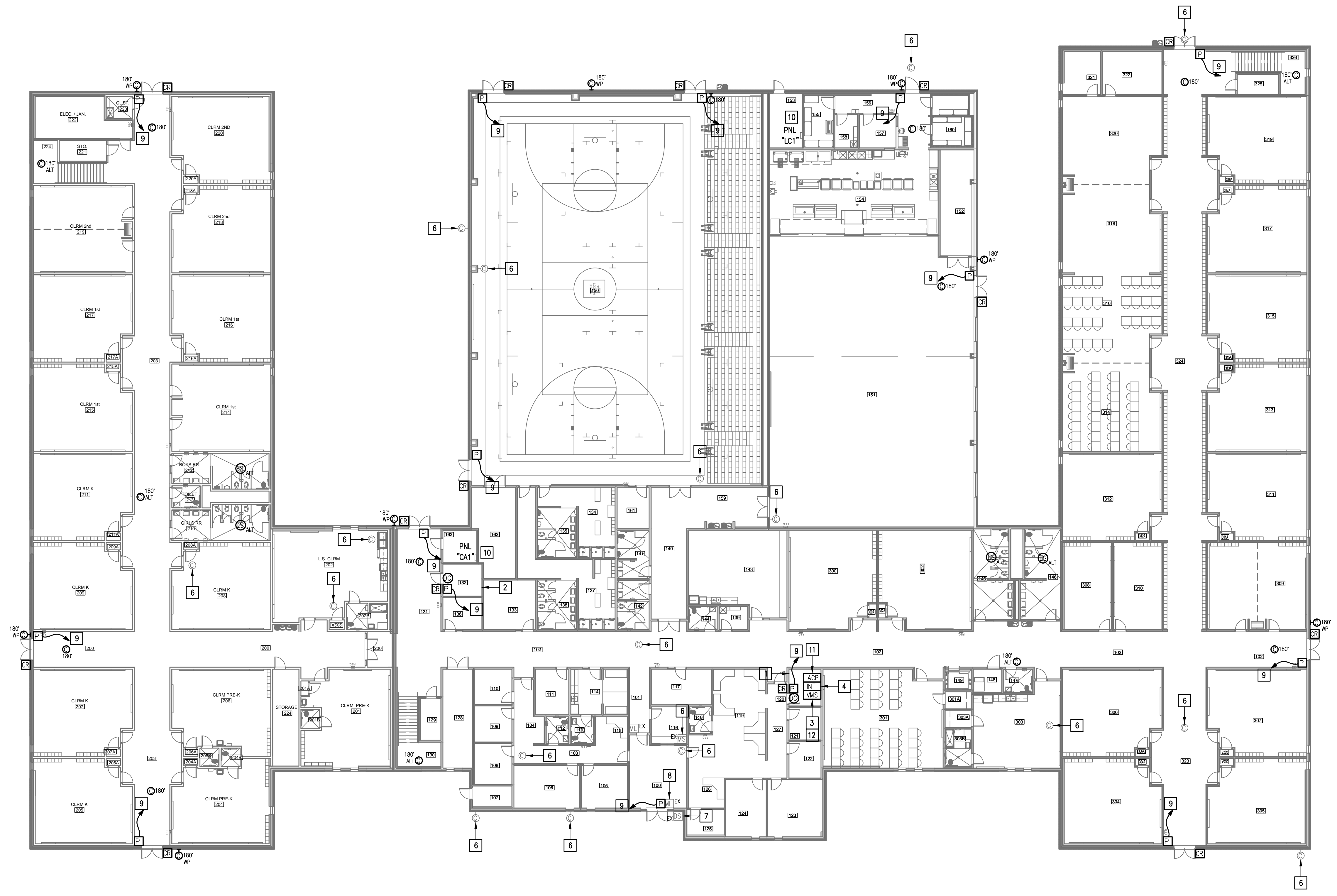

GMS ARCHITECTS  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

**GENERAL NOTES:**

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

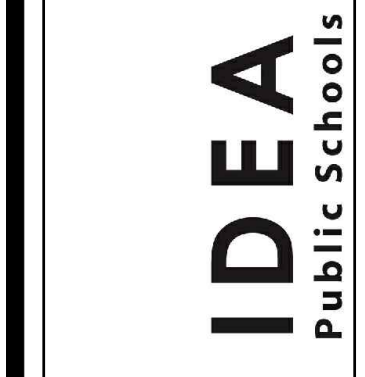
**KEYED NOTES:**

- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL X255.
- EXISTING CCTV CAMERA. TO REMAIN AS IS.
- EXISTING MASTER STATION. TO REMAIN AS IS.
- EXISTING DOOR STATION. PROVIDE A CARD READER INCLUDING CABLING IN AVAILABLE SLOT.
- EXISTING MAGNETIC LOCK. TO REMAIN AS IS - TYPICAL.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT, 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- EXISTING HIKVISION/TVI VIDEO MANAGEMENT SYSTEM.



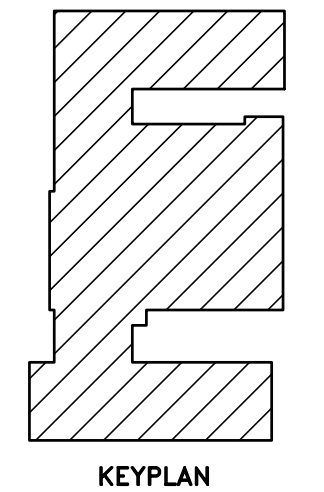
IDEA TRES LAGOS  
 TECHNOLOGY PLAN (FIRST FLOOR)  
 01 SCALE: 1/16" = 1'-0"  
 PLAN NORTH

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 MCALLEN, TEXAS



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 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
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GMS ARCHITECTS

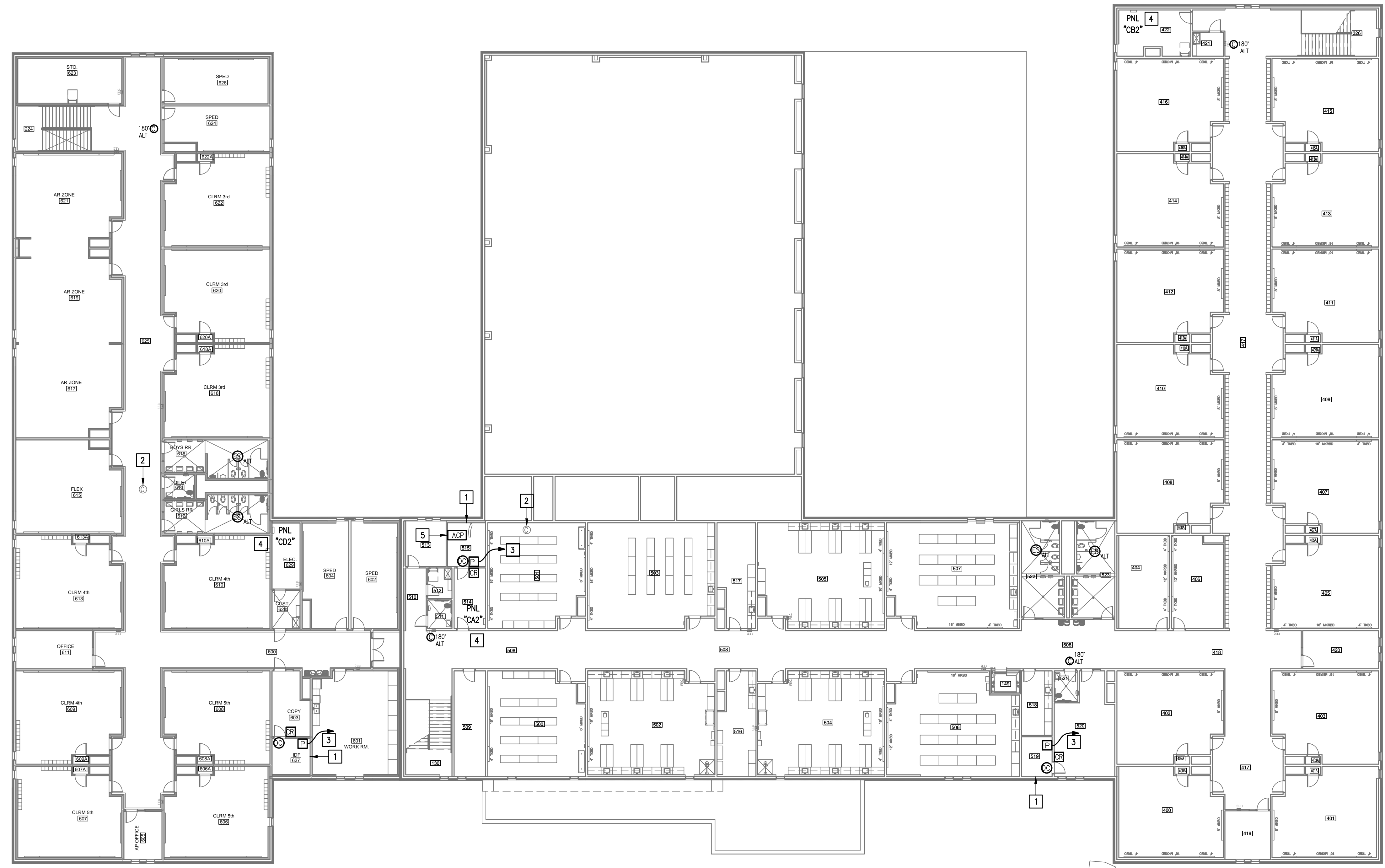
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Brownsville TX 78526  
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fax (956) 546-0196

**GENERAL NOTES:**

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
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- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING CCTV CAMERA. TO REMAIN AS IS.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT: 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



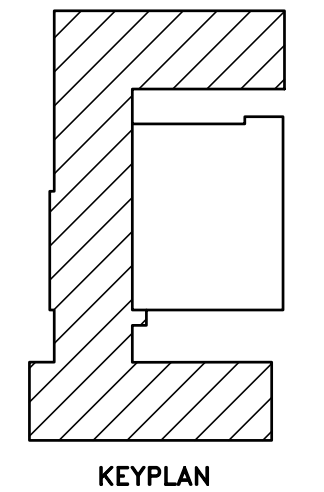
IDEA TRES LAGOS  
TECHNOLOGY PLAN (SECOND FLOOR)  
01 SCALE: 1/16" = 1'-0"  
PLAN NORTH

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 MCALLEN, TEXAS

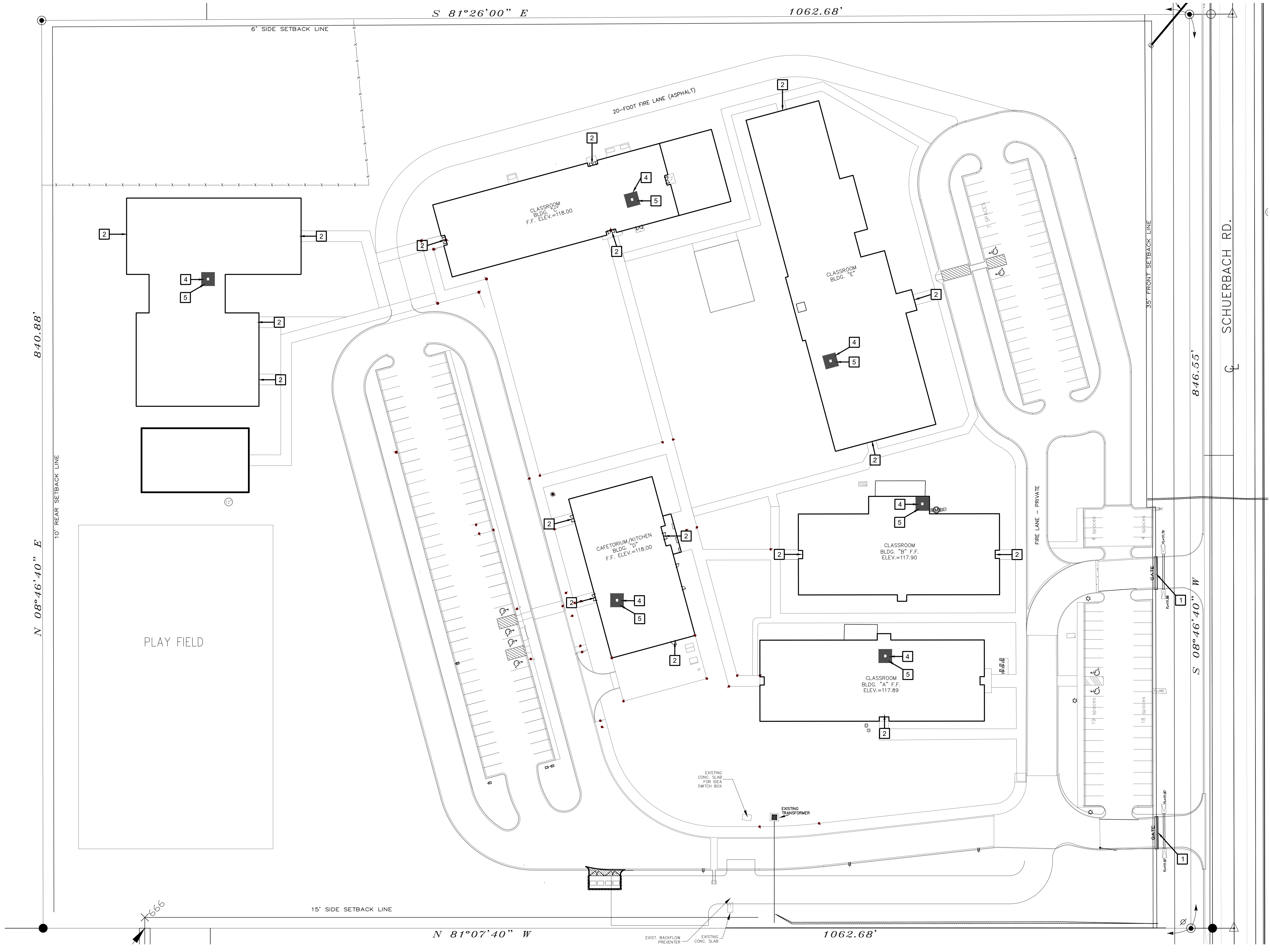


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Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 22090  
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**E2.02**

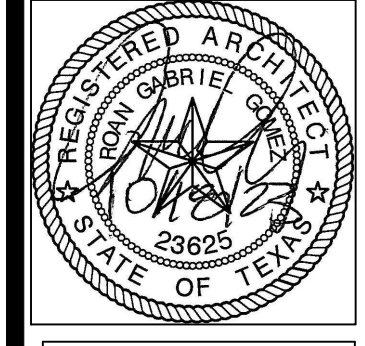


01 OVERALL SITE PLAN PLAN NORTH  
 SCALE 1" = 50'-0"

- SITE PLAN KEY NOTES:
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK/IDE/MDF ROOM LOCATIONS

IDEA MISSION

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 Sheet: IDEA SECURITY

A1.01

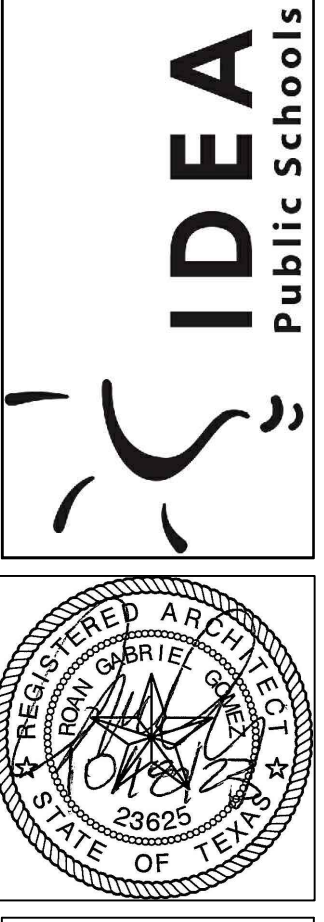
**SYMBOL LEGEND**

- ACCESS DOOR NUMBERING
- SECURITY DOOR HARDWARE
- IDF ACCESS HARDWARE
- SECURITY FILM

No.	REVISIONS	BY

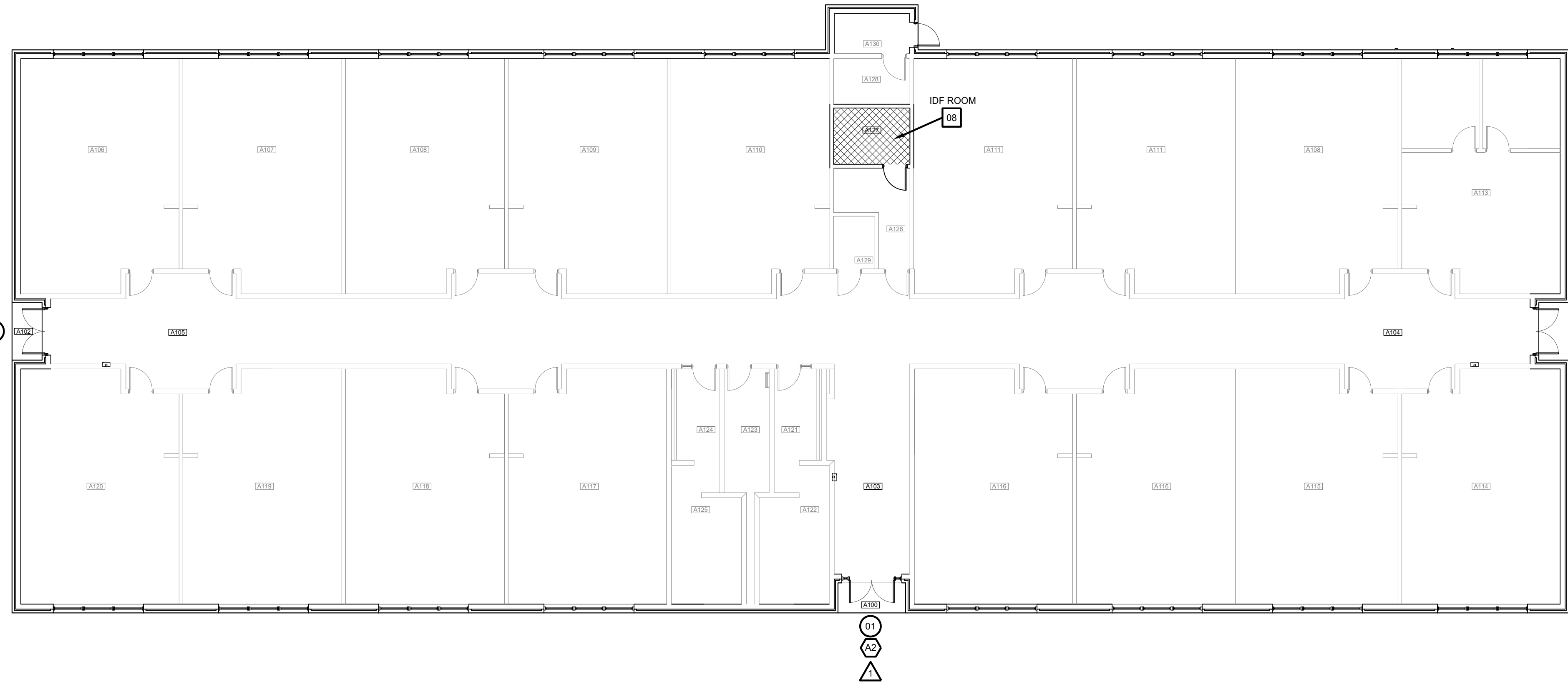
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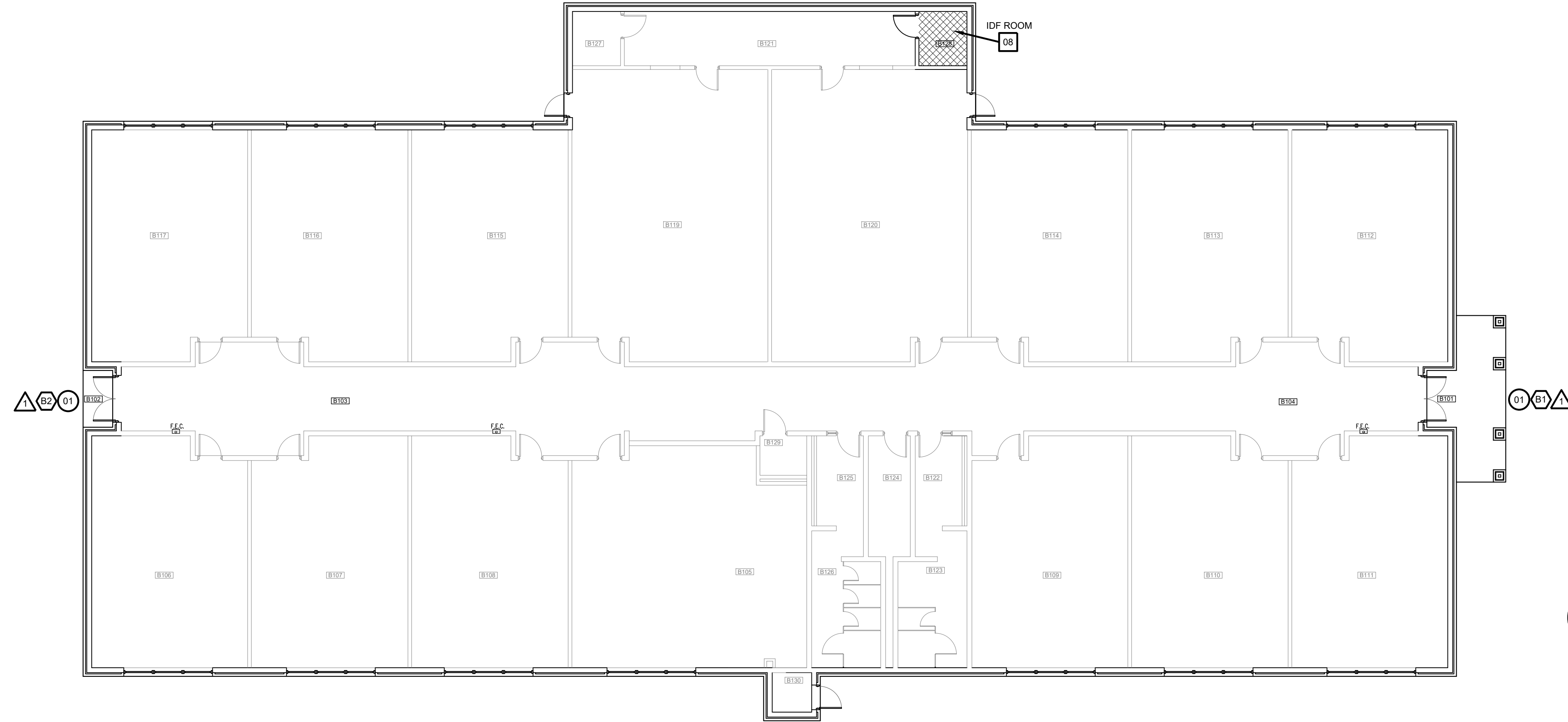


**IDEA**  
Public Schools

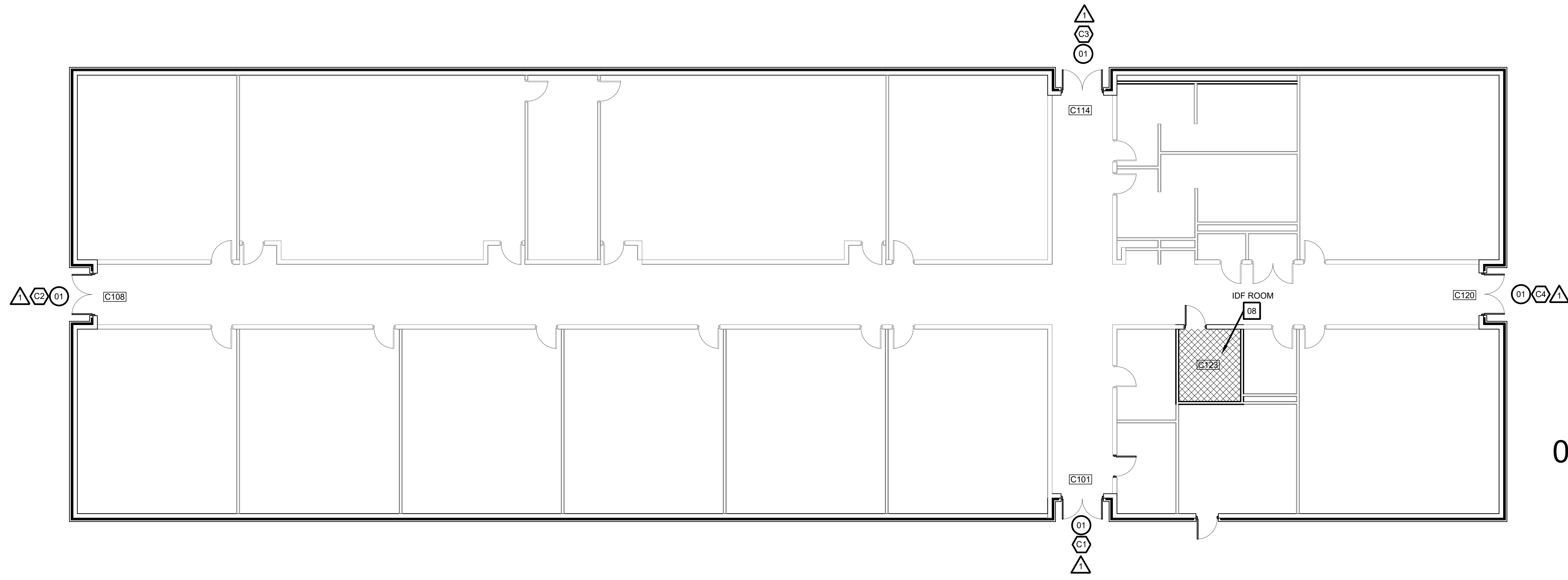
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 Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet: IDEA SECURITY



BUILDING A  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



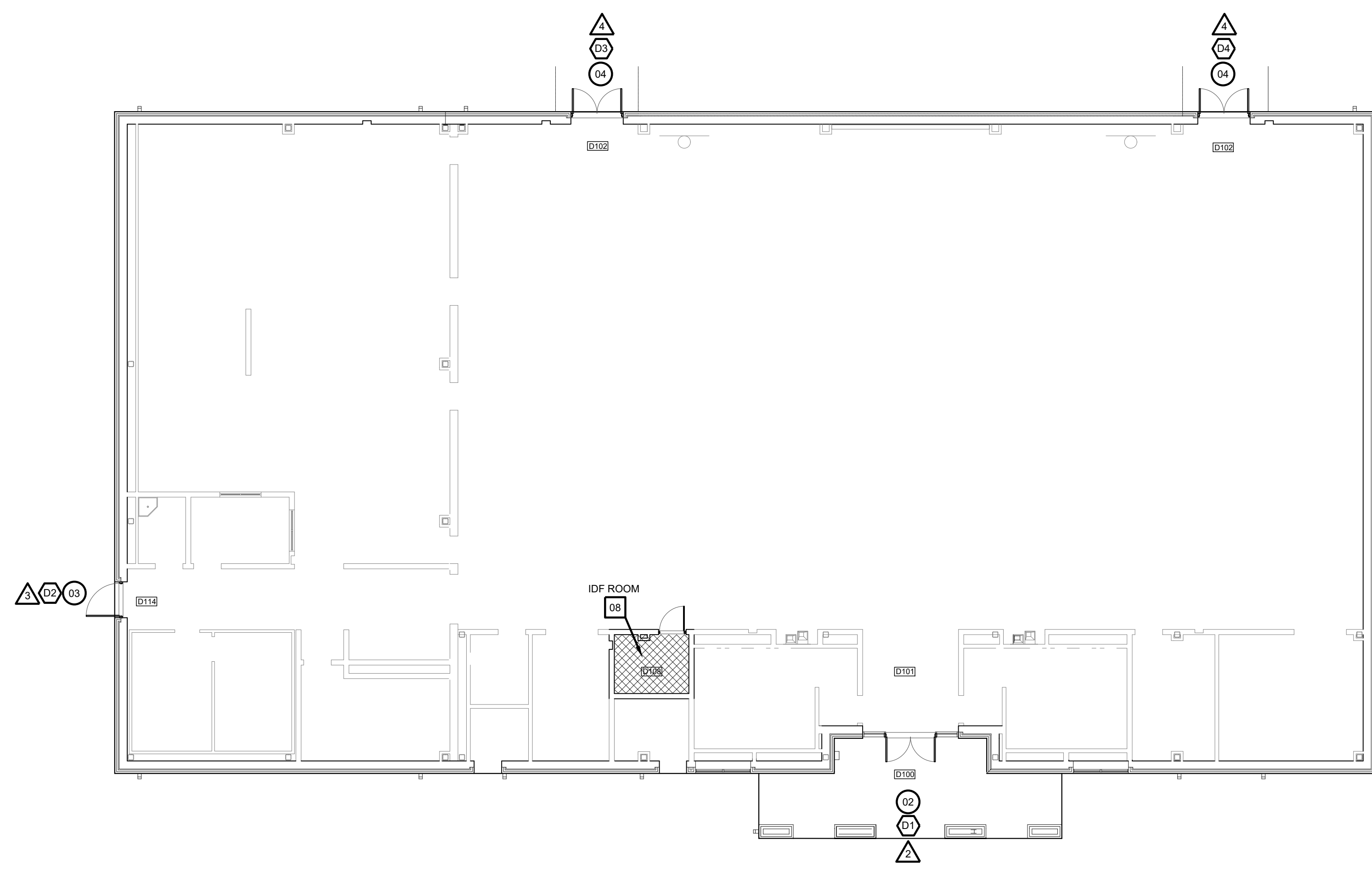
BUILDING B  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



BUILDING C  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

**IDEA MISSION**





BUILDING D  
01 FLOOR PLAN  
SCALE: 3/32" = 1'-0"

- SYMBOL LEGEND**
- ⊗ ACCESS DOOR NUMBERING
  - ⊗ SECURITY DOOR HARDWARE
  - ⊗ IDF ACCESS HARDWARE
  - △ SECURITY FILM

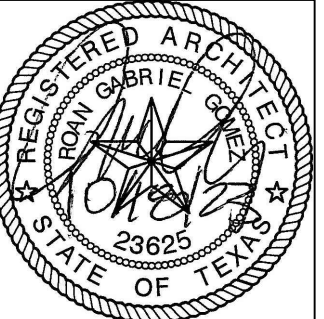


BUILDING E  
01 FLOOR PLAN  
SCALE: 3/32" = 1'-0"

No.	REVISIONS	BY

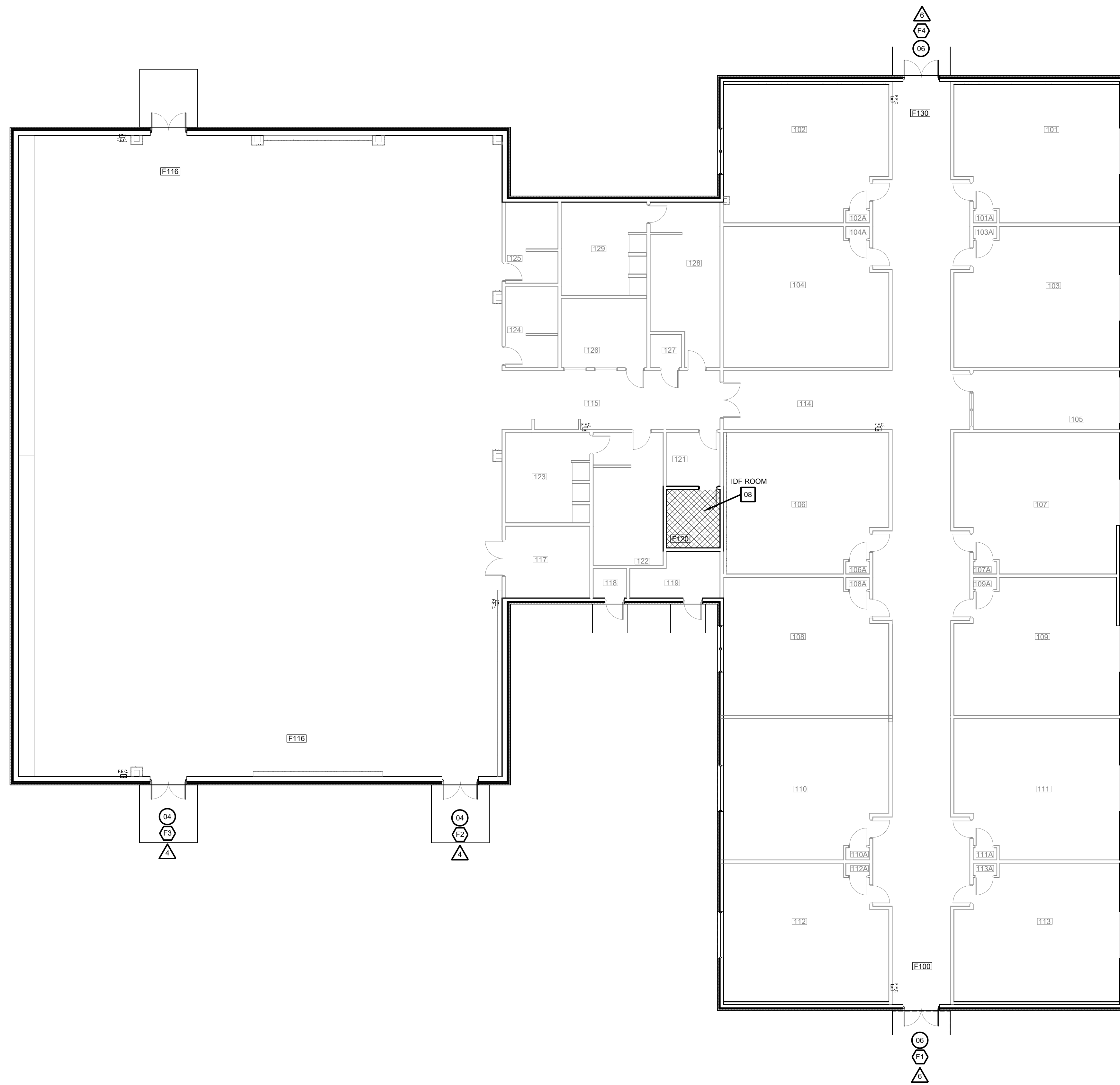
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 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet: IDEA SECURITY

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**SYMBOL LEGEND**

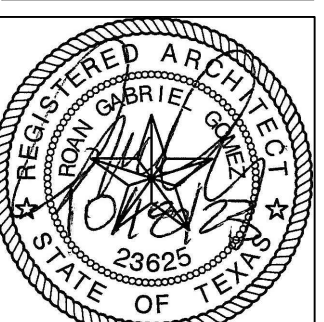
- ACCESS DOOR NUMBERING
- SECURITY DOOR HARDWARE
- IDF ACCESS HARDWARE
- SECURITY FILM

01 BUILDING F  
**FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

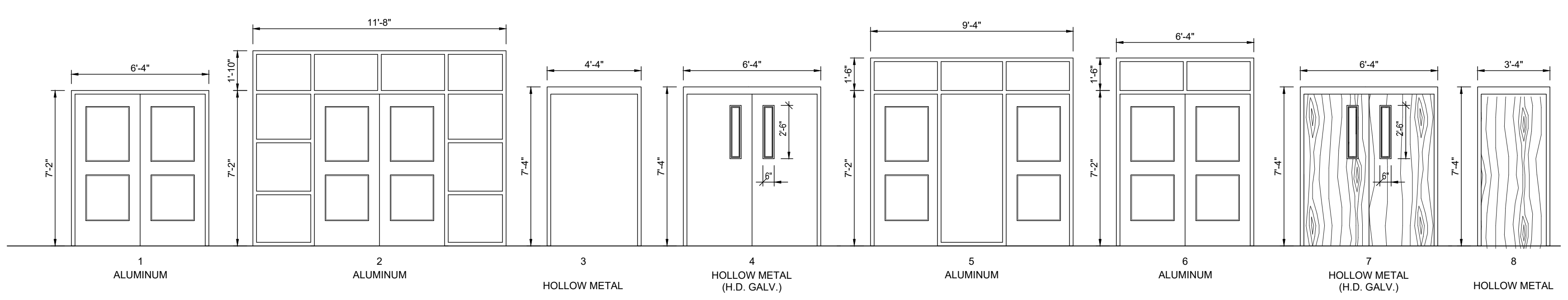
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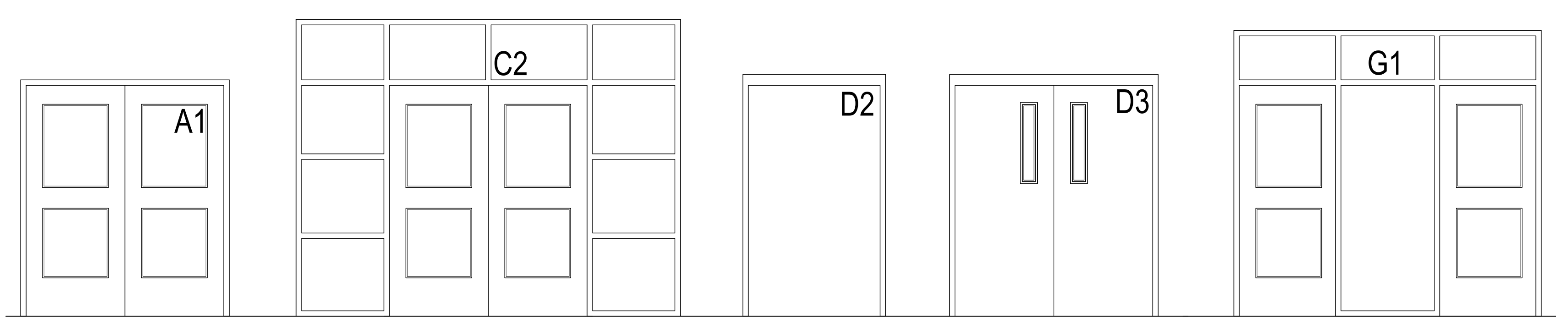


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 Job No: IDEA SECURITY  
 Sheet:



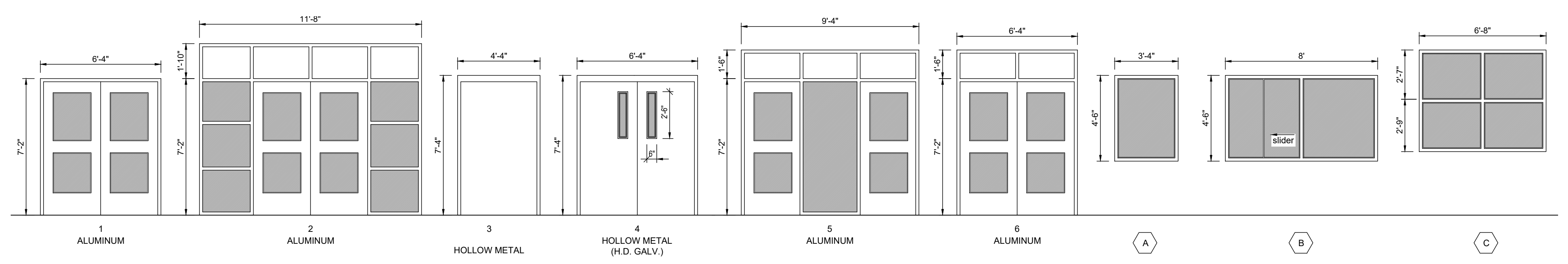
ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
 SCALE 1/4" = 1'-0"

ACCESS CONTROL – DOOR SCHEDULE										
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS	
		MATL.	W	H	T	MATL.	W			H
A-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
A-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
A-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
A-127	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-4"	F	IDF ROOM
B-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
B-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
B-128	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-4"	F	IDF ROOM
C-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
C-108	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
C-114	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
C-120	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
C-123	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-4"	F	IDF ROOM
D-101	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-8"	9'-0"	A	
D-114	03	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-4"	D	
D-101	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B	
D-101	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B	
D-108	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-4"	F	IDF ROOM
E-101	05	ALUM.	(2) - 3'-0"	7'-0"	1 3/4"	ALUM.	9'-4"	8'-8"	(2)-C	
E-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
E-103	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
E-117	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-4"	F	IDF ROOM
F-100	06	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	8'-8"	A	
F-116	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B	
F-116	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B	
F-130	06	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	8'-8"	A	
F-120	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-4"	F	IDF ROOM

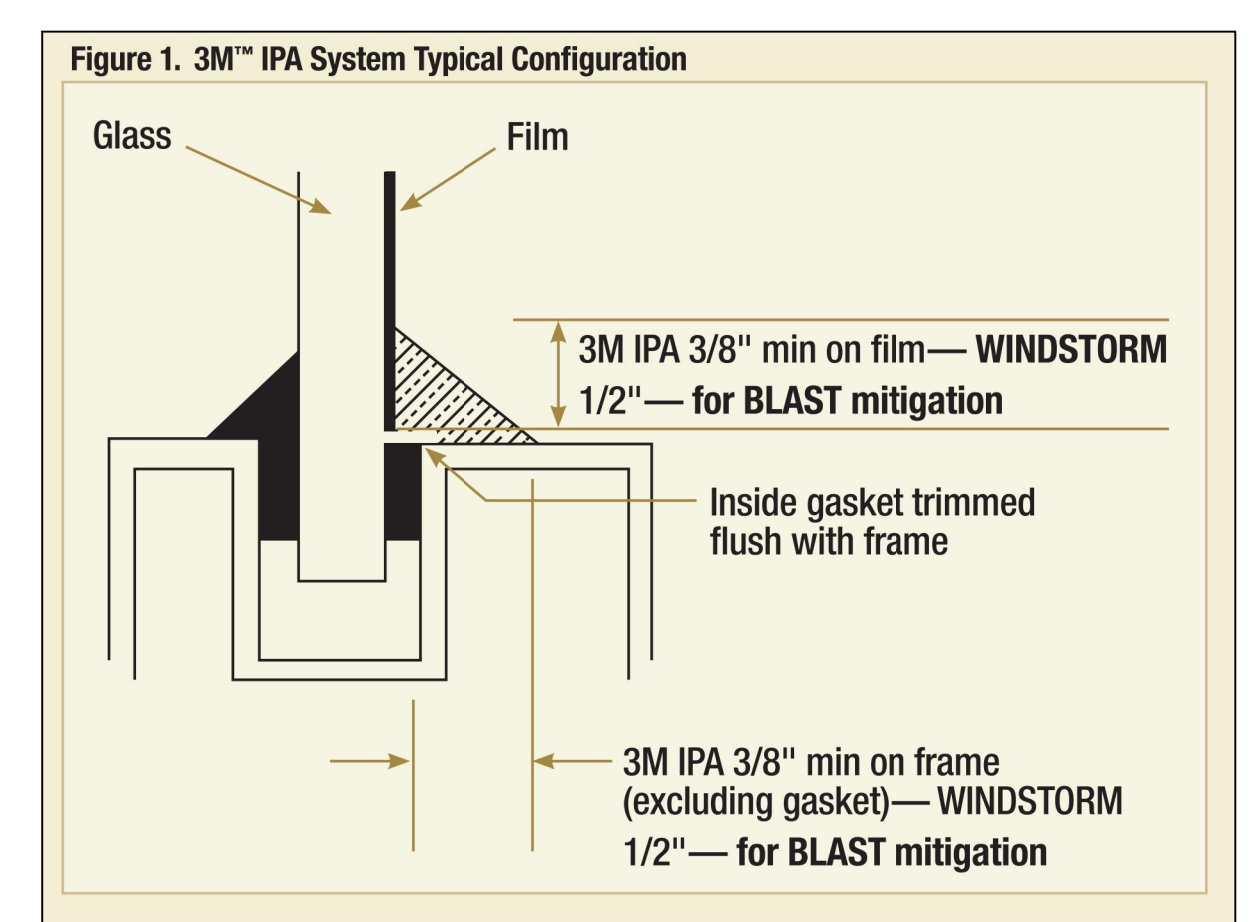


**02 DOOR NUMBER LOCATION**  
 ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.  
 REFER TO A2.00 SERIES FOR DOOR LOCATIONS AND NUMBERING SEQUENCE  
 ACCESS DOOR NUMBERING (XX)

WINDOW FILM – DOOR / WINDOW SCHEDULE										
BLDG	FRAME NO.	DOOR			FRAME			REMARKS		
		MATL.	W	H	T	MATL.	W		H	T
A-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
A-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
A-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
B-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
B-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
C-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
C-108	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
C-114	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
C-120	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
D-101	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-8"	9'-0"		
D-114	03	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-4"		
D-101	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"		
D-101	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"		
E-101	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	9'-4"	8'-8"		
E-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
E-103	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"		
E-101	A					ALUM.	3'-4"	4'-6"	4-1/2"	
E-101	B					ALUM.	8'-0"	4'-6"	4-1/2"	
E-101	C					ALUM.	6'-8"	5'-4"	4-1/2"	
E-104	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"		
F-100	06	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	8'-8"		
F-116	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"		
F-116	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"		
F-130	06	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	8'-8"		



SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
 SCALE 1/4" = 1'-0"



**01 FILM DETAIL**  
 NOT TO SCALE

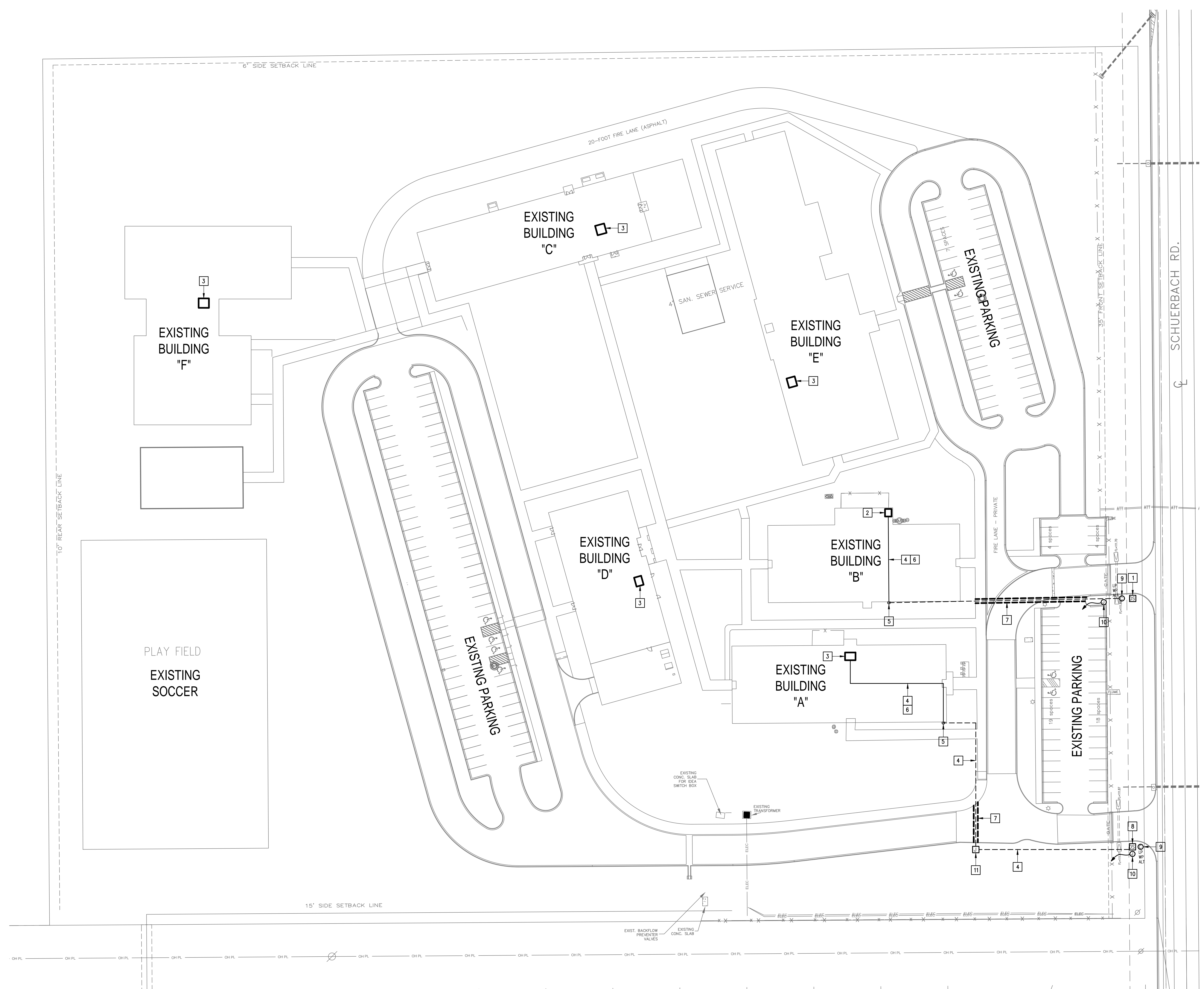


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 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

**KEYED NOTES:**

- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING MDF ROOM.
- 3 EXISTING IDF ROOM.
- 4 PROVIDE 2" RACEWAY AND CABLING.
- 5 STUB-UP ALONG EXTERIOR WALL AND PENETRATE BUILDING AT AN ACCESSIBLE LOCATION ABOVE THE CEILING.
- 6 PROVIDE ABOVE ACCESSIBLE CEILING SPACE. TEMPORARILY REMOVE EXISTING CEILING TILES FOR INSTALLATION OF NEW RACEWAYS. REINSTALL EXISTING CEILING TILES AFTER WORK ABOVE THE CEILING HAS BEEN COMPLETED.
- 7 PROVIDE BORE UNDER EXISTING DRIVE.
- 8 PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 9 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 10 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT; BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
- 11 PROVIDE NEW 12"x12" TIER 22 RATED POLYMER CONCRETE PULL BOX WITH "COMMUNICATIONS" COVER LOGO - SEE DETAIL.



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**SECURITY IMPROVEMENTS**  
 MISSION, TEXAS



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 Drawn By: C.G.  
 Job No: 22V90  
 Sheet:

No.	REVISIONS	BY



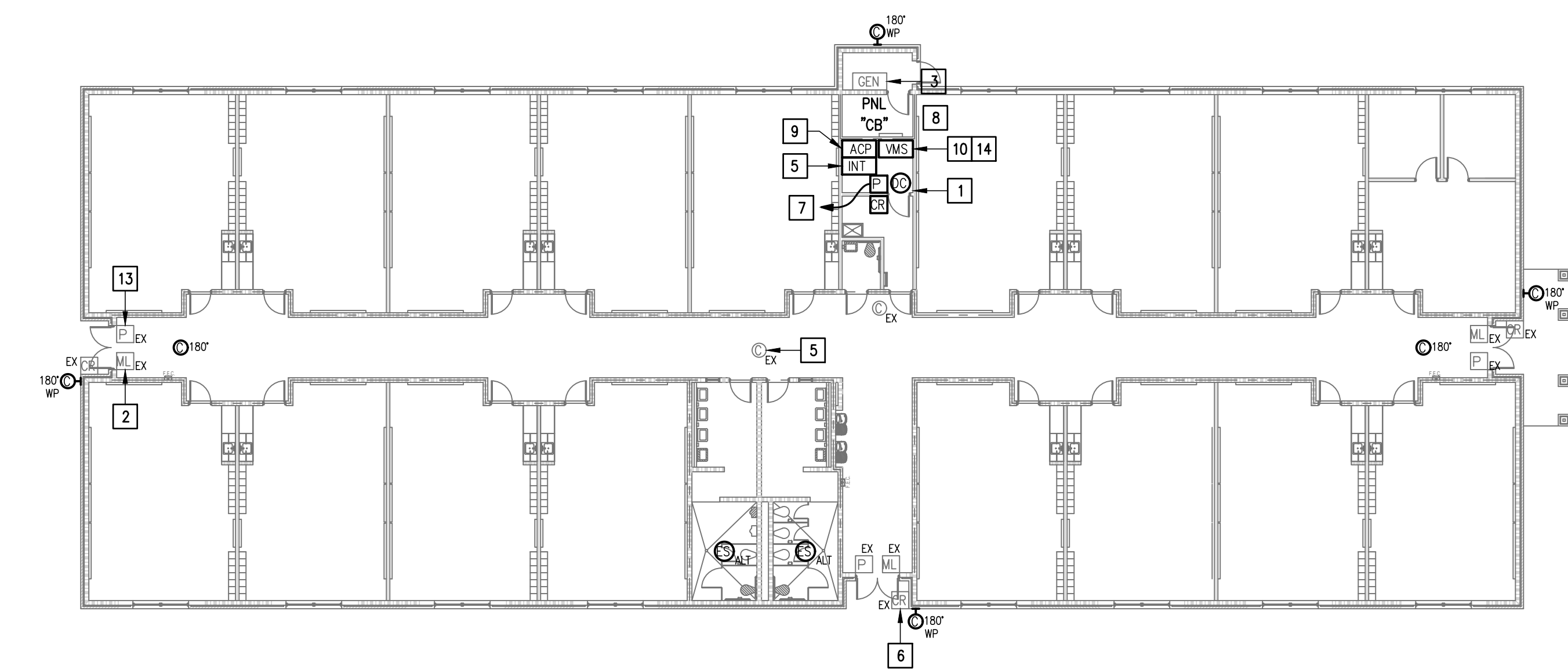
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(956) 546-0110  
fax (956) 546-0196

**GENERAL NOTES:**

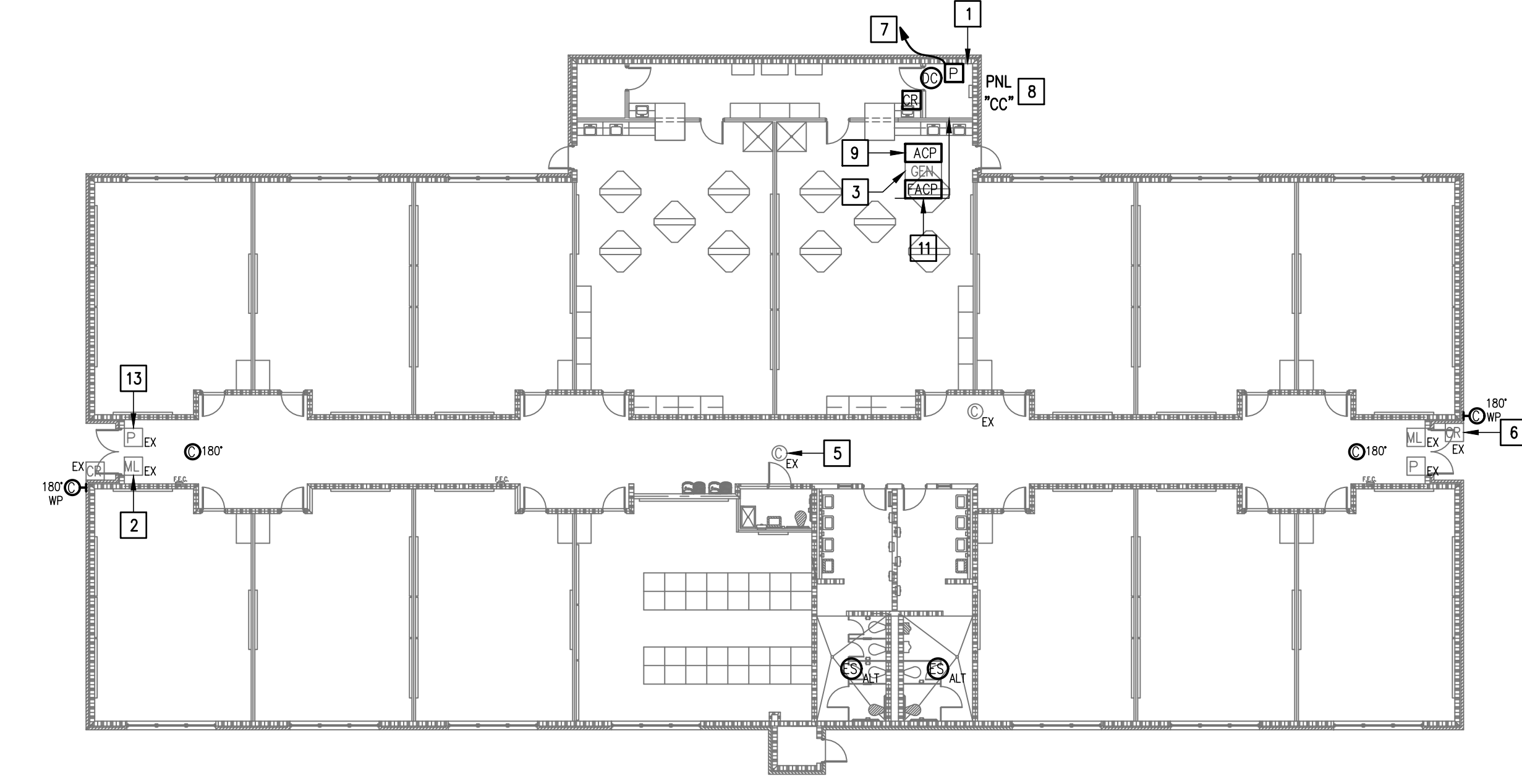
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- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

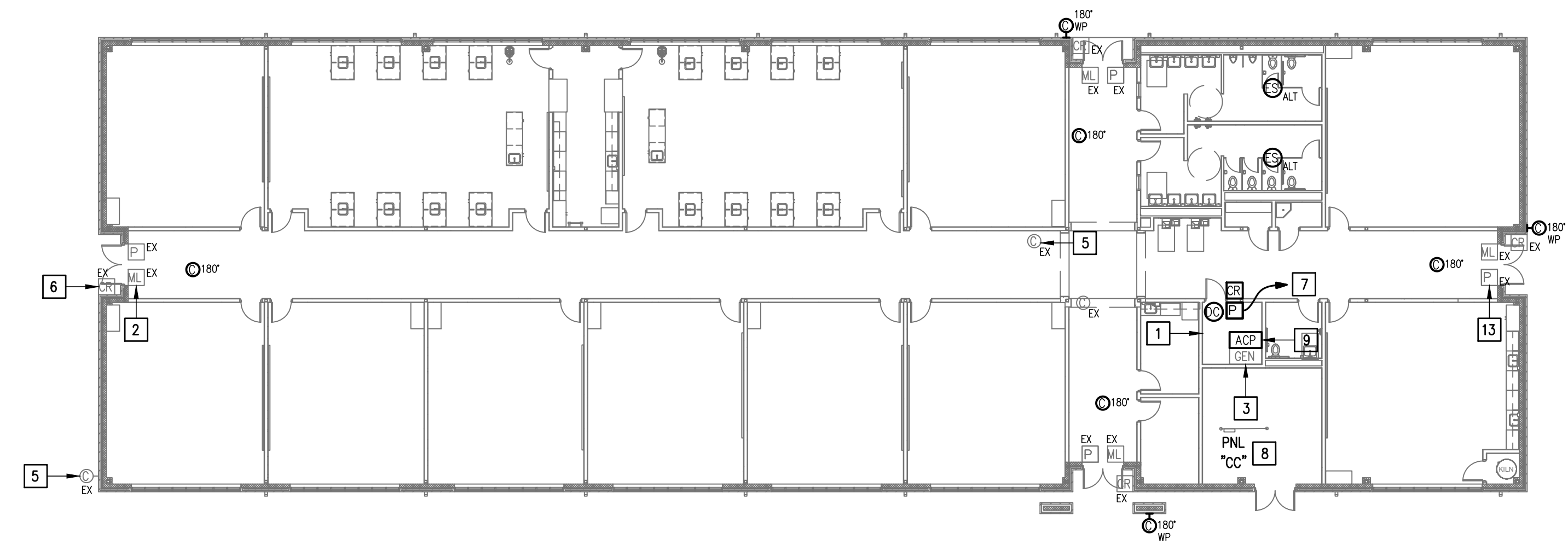
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING MAGNETIC LOCK. TO REMAIN AS IS - TYPICAL.
- EXISTING GENETEC EQUIPMENT.
- EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL DMP.
- EXISTING CCTV CAMERA. TO REMAIN AS IS - TYPICAL.
- EXISTING CARD READER. TO REMAIN AS IS - TYPICAL.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
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- EXISTING HIKVISION VIDEO MANAGEMENT SYSTEM.



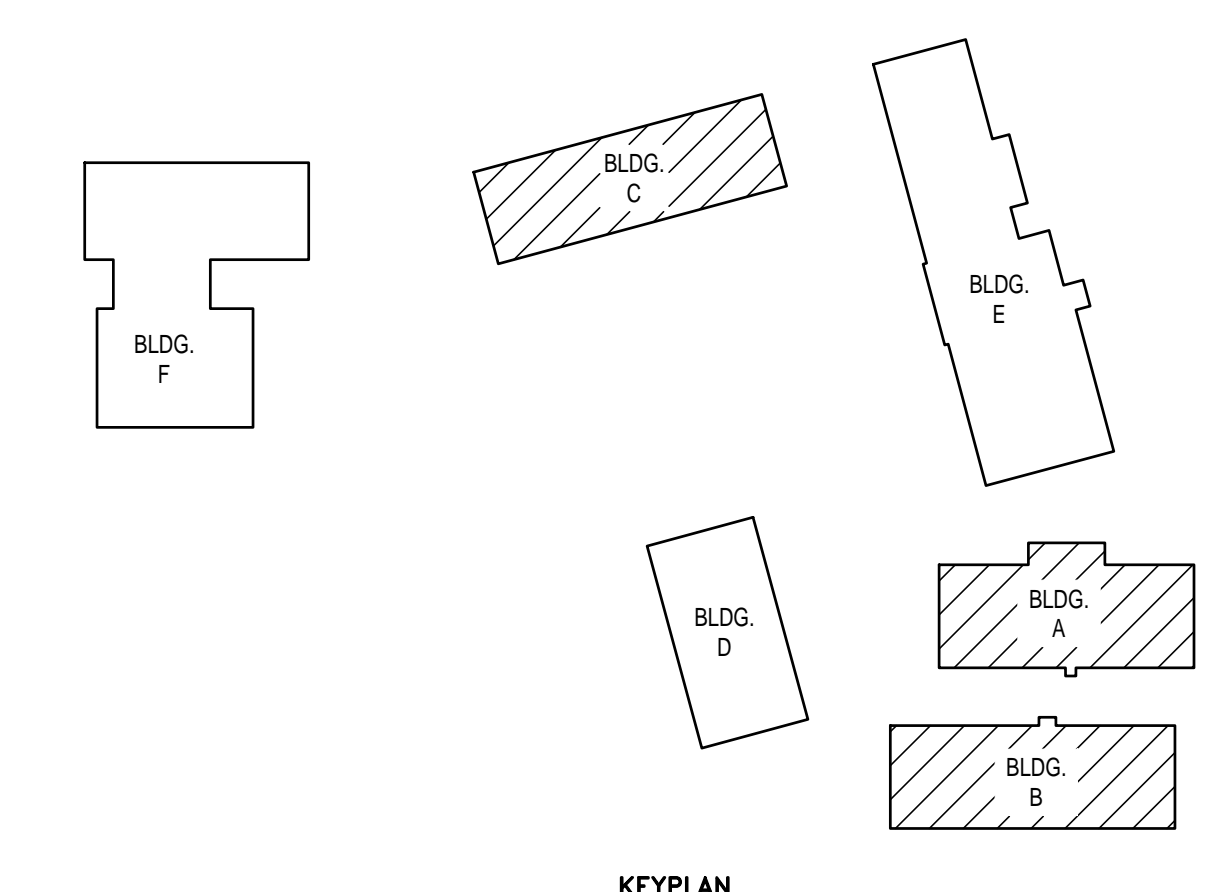
**IDEA MISSION  
01 TECHNOLOGY PLAN (BUILDING A)**  
SCALE: 1/16" = 1'-0"  
PLAN NORTH



**IDEA MISSION  
02 TECHNOLOGY PLAN (BUILDING B)**  
SCALE: 1/16" = 1'-0"  
PLAN NORTH



**IDEA MISSION  
03 TECHNOLOGY PLAN (BUILDING C)**  
SCALE: 1/16" = 1'-0"  
NORTH



KEYPLAN

**IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS**  
MISSION, TEXAS



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Architects-Planners  
Interior Designers

Date:	10/24/2023
Scale:	As Noted
Project Architect:	Roan Gomez, AIA
Drawn By:	C.G.
Job No.:	22090
Sheet:	E2.01



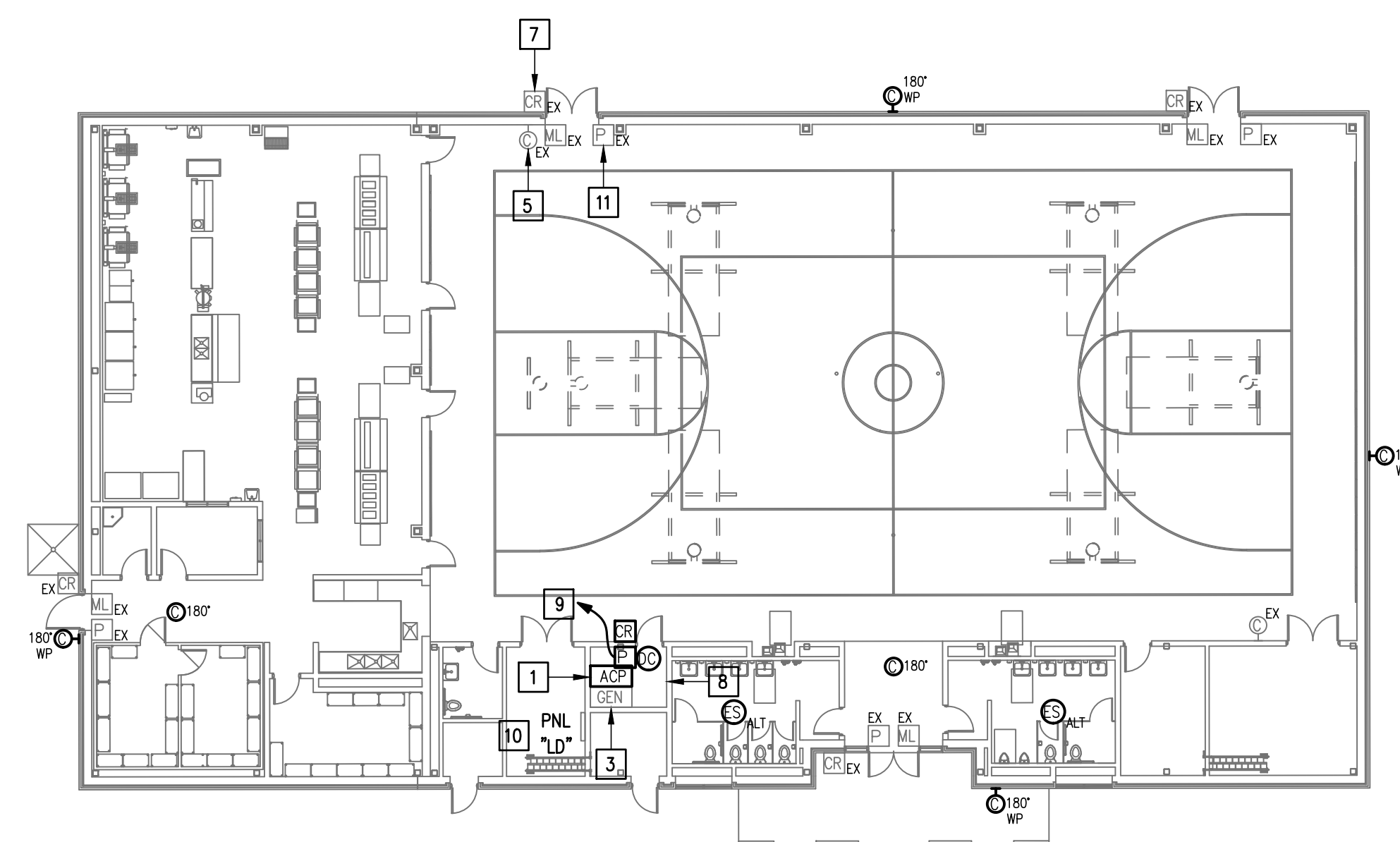
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**GENERAL NOTES:**

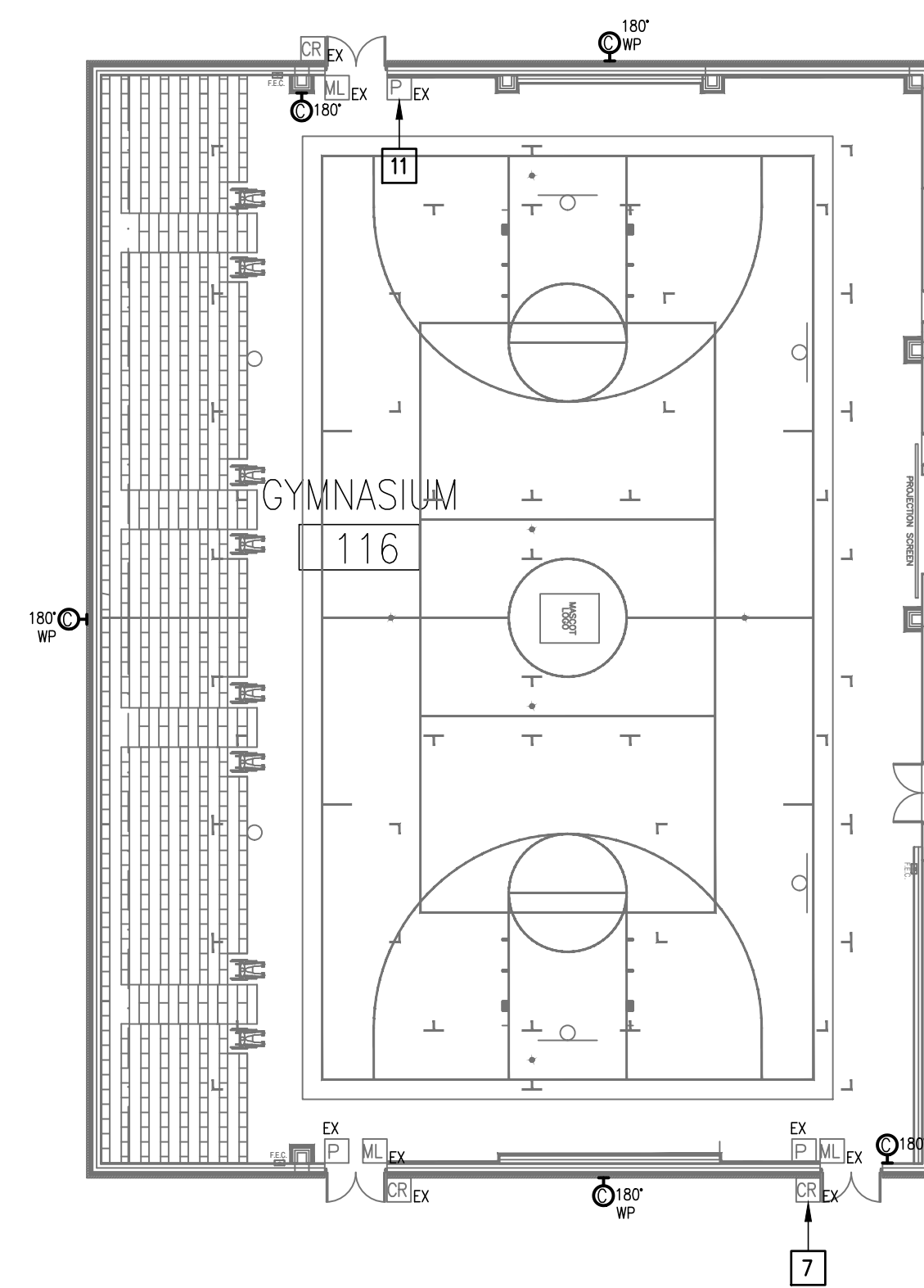
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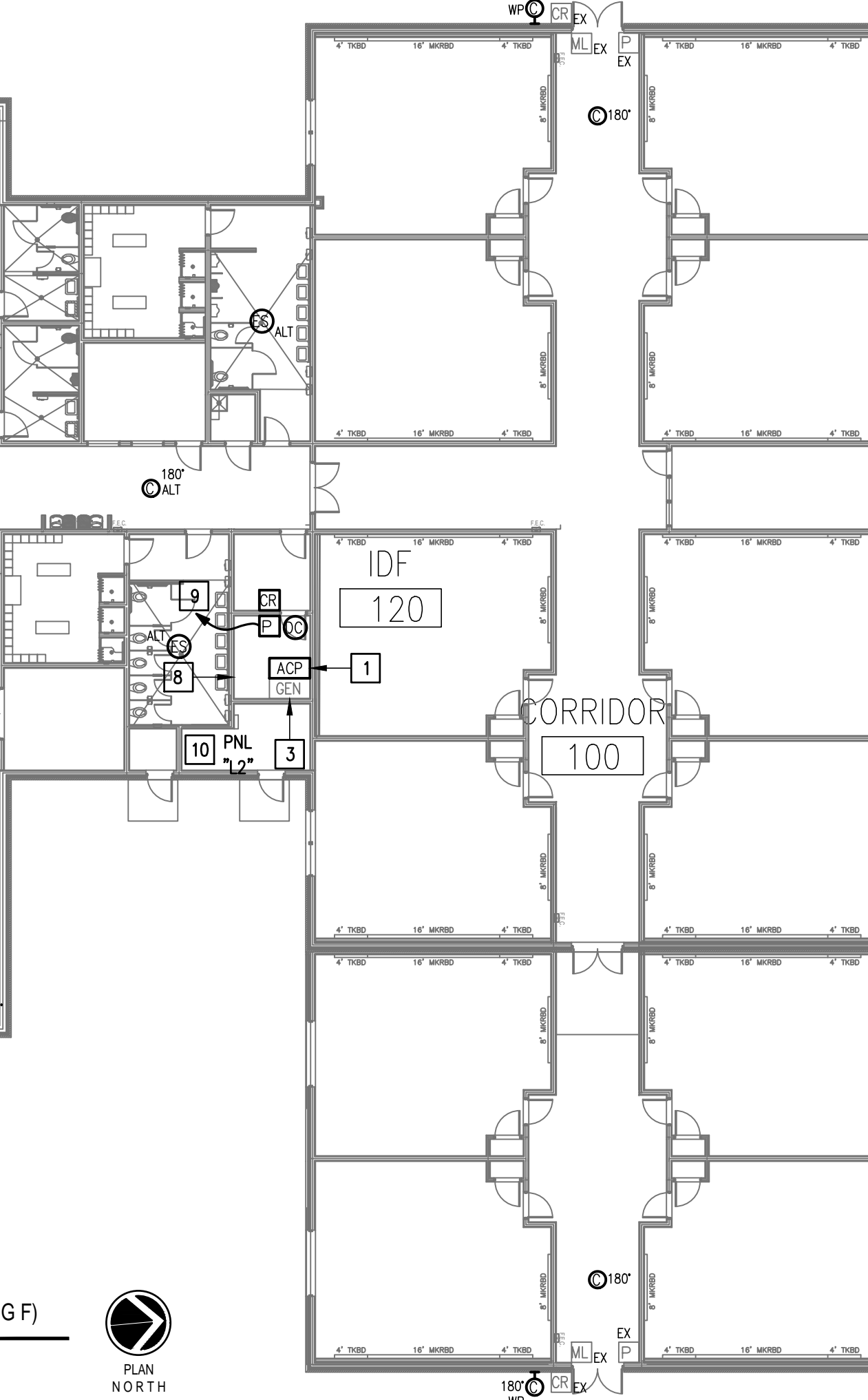
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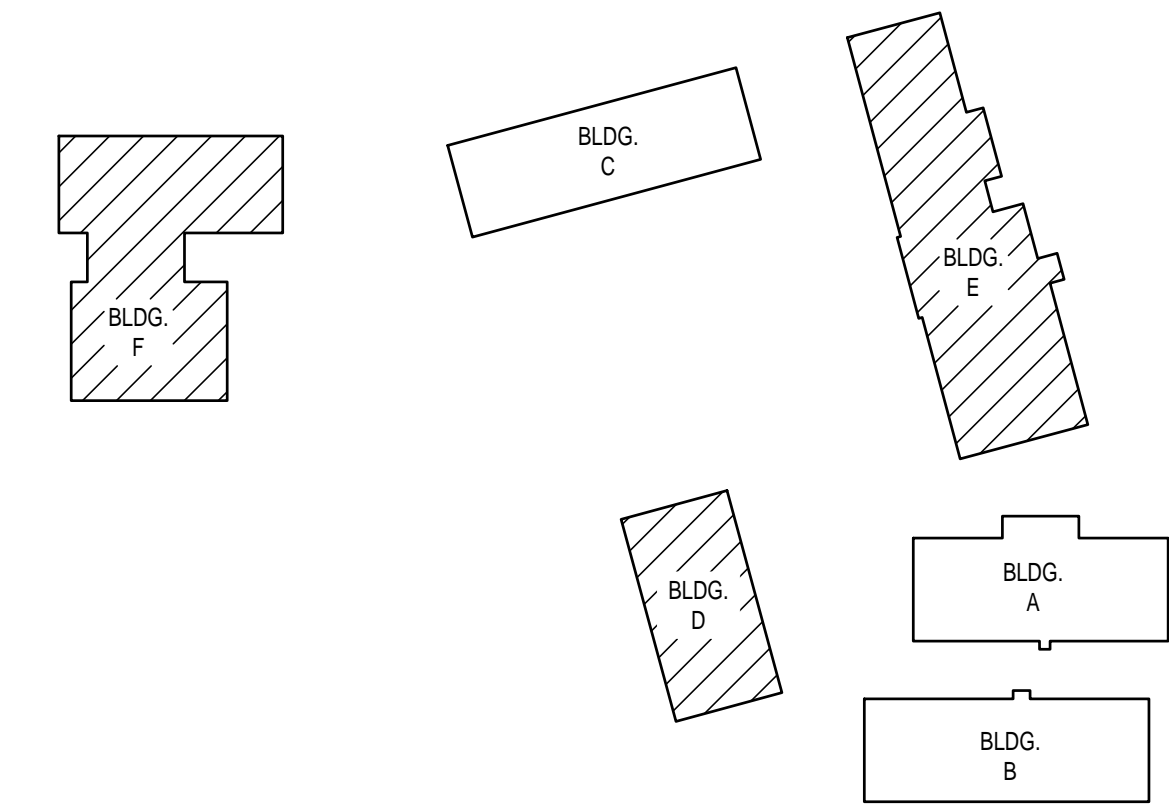
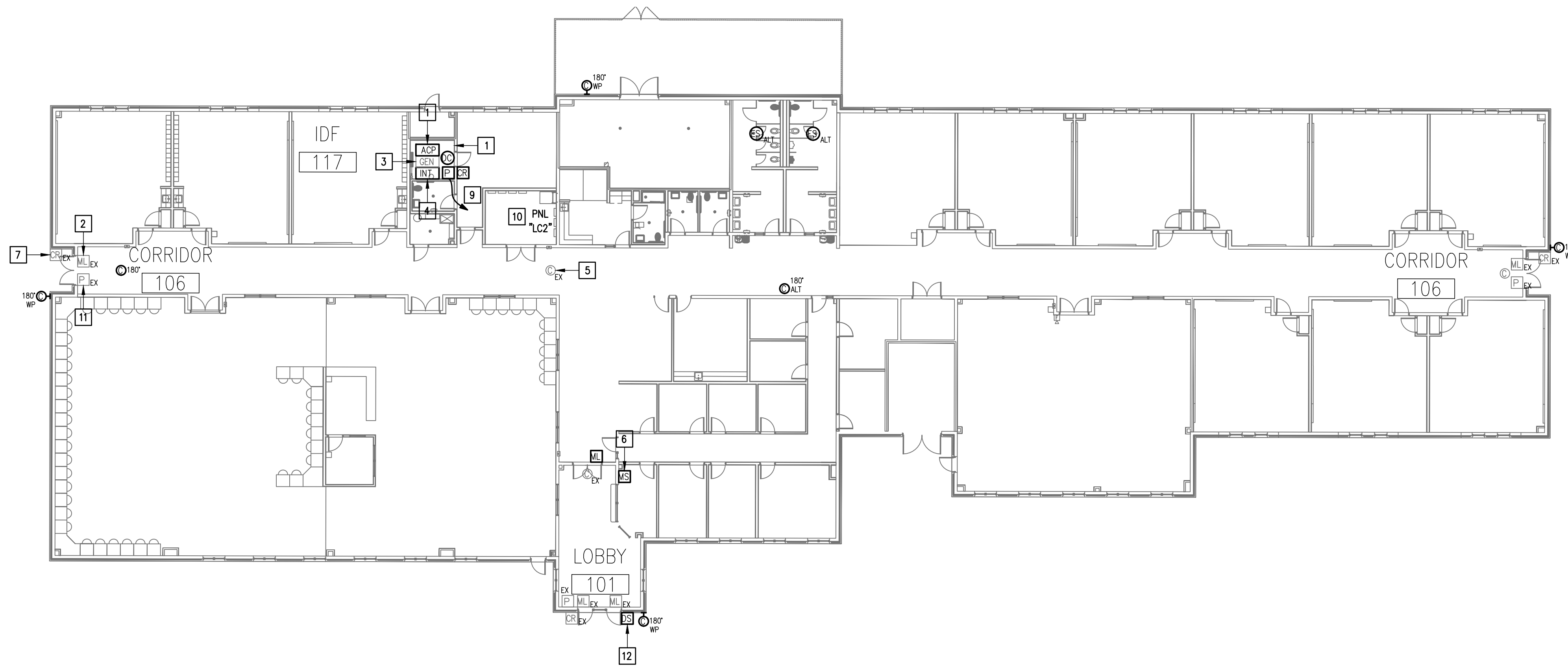
01 IDEA MISSION TECHNOLOGY PLAN (BUILDING D)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



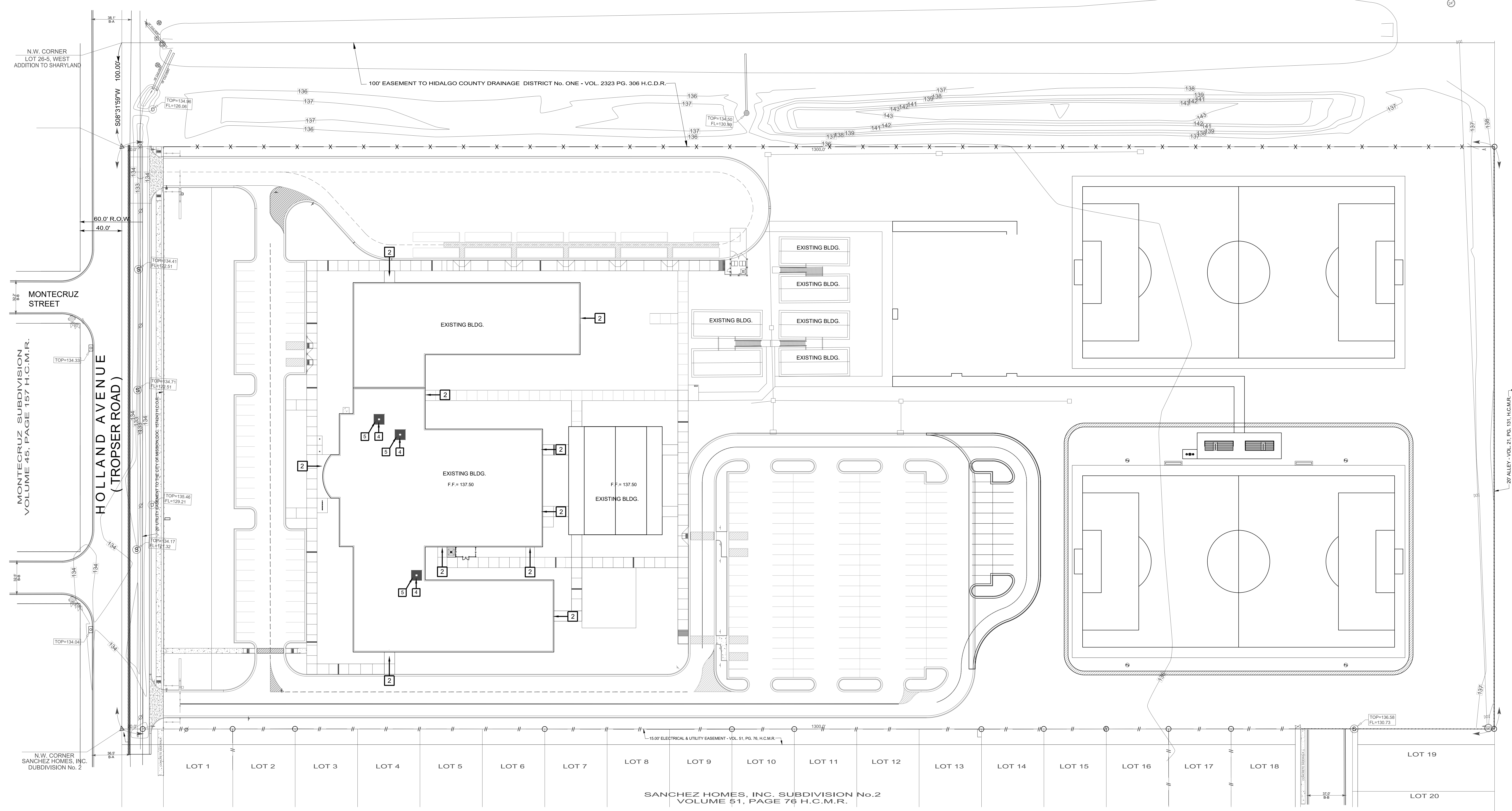
03 IDEA MISSION TECHNOLOGY PLAN (BUILDING F)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



02 IDEA MISSION TECHNOLOGY PLAN (BUILDING E)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



KEYPLAN

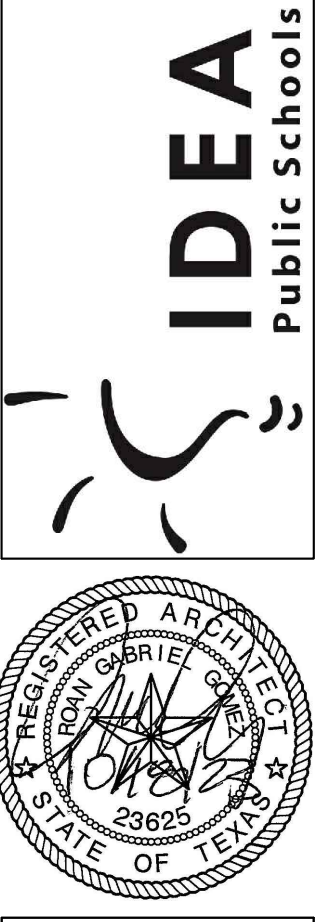


LOT 47
LOT 48
LOT 49
LOT 50
LOT 71
LOT 72
LOT 73
LOT 74
LOT 75
LOT 96
LOT 97
LOT 98
LOT 99
LOT 100

**01 CAMPUS PLAN**  
 SCALE: 1" = 40'-0"

- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS

**IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 MISSION, TEXAS**



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 Architects-Planners  
 Interior Designers  
 Date: 01/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, JO, JA  
 Job No: IDEA SECURITY  
 Sheet:



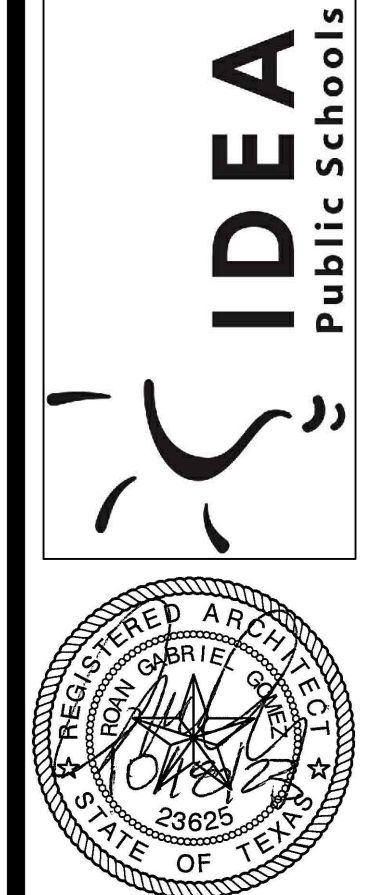
**SYMBOL LEGEND**

- ACCESS DOOR NUMBERING
- SECURITY DOOR HARDWARE
- IDF ACCESS HARDWARE
- SECURITY FILM



**02 SECOND FLOOR OVERALL FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"

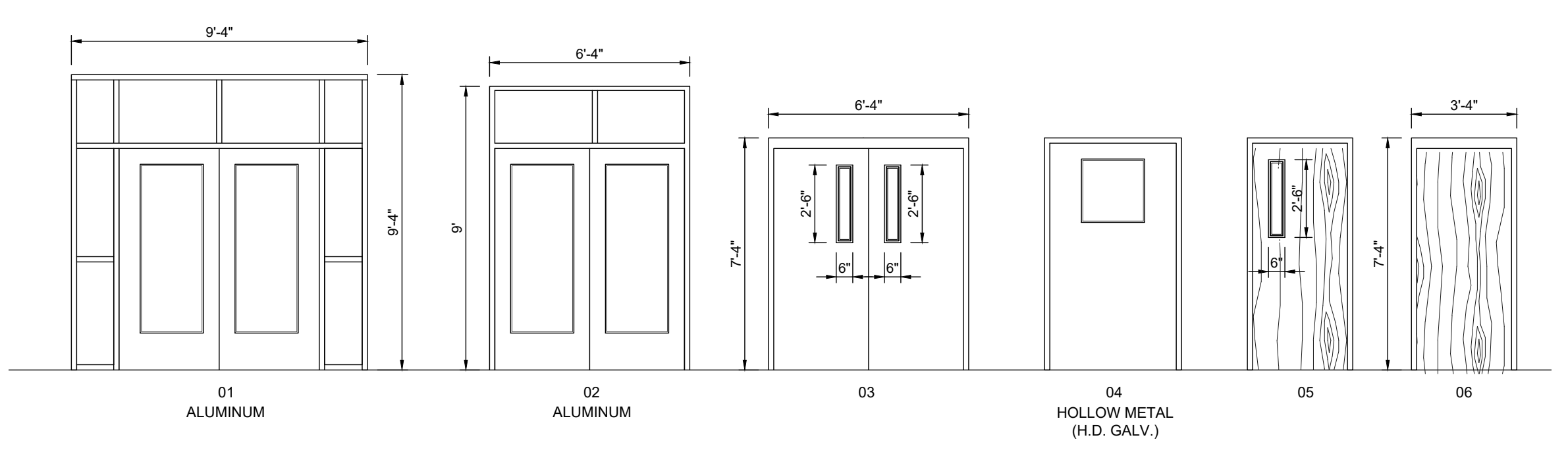
**01 FIRST FLOOR OVERALL FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"



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 Date: 01/2023  
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 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
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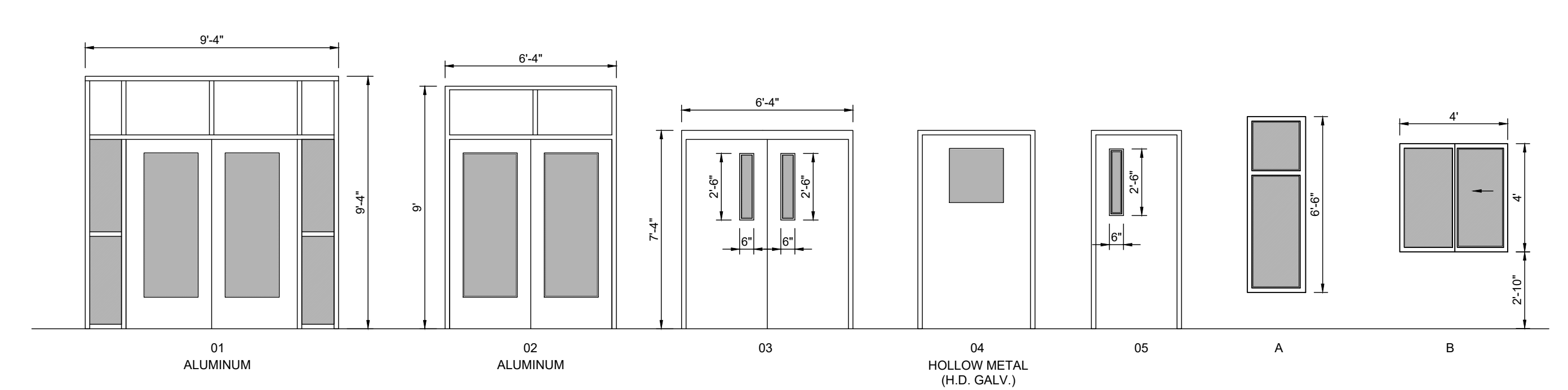
Oct 18, 2023 - 2:05pm C:\Users\rgg\AppData\Local\Temp\AcPublish\_38972\A2.01.dwg





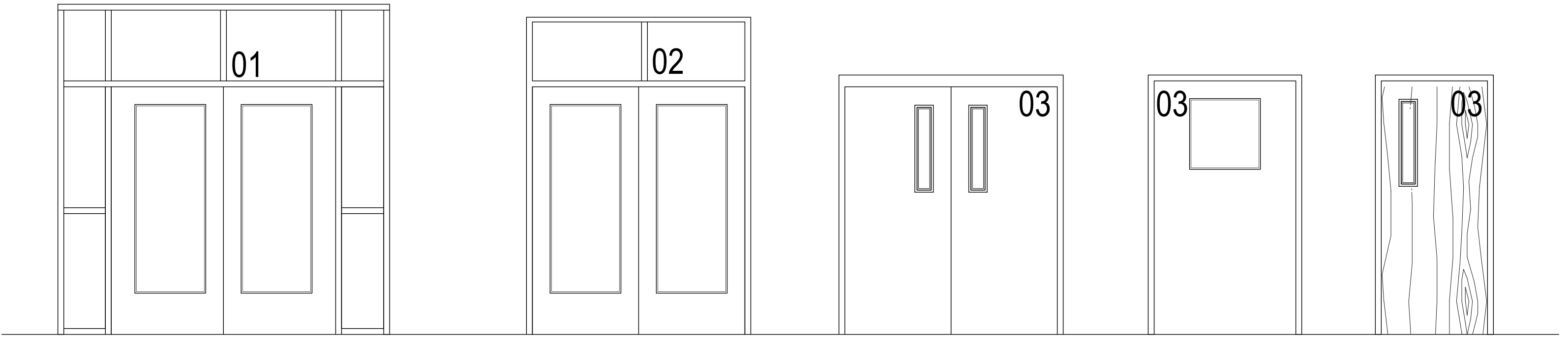
ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

BLDG	DOOR NO.	MATL.	DOOR			FRAME			HDWR	REMARKS	
			W	H	T	W	H	T			
242	01	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	9'-4"	9'-4"	4-1/2"	A	
227	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
226	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
206	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
254	03	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	B	
254	03	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	B	
255	03	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	B	
110	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
108	02	ALUM.	PR - 3'-0"	7'-0"	1.3/4"	ALUM.	6'-4"	9'-0"	4-1/2"	A	
237	06	SC	3'-0"	7'-0"	1.3/4"	HM	3'-4"	7'-2"	4-1/2"	F	IDF ROOM
206A	06	SC	3'-0"	7'-0"	1.3/4"	HM	3'-4"	7'-2"	4-1/2"	F	IDF ROOM
416	06	SC	3'-0"	7'-0"	1.3/4"	HM	3'-4"	7'-2"	4-1/2"	F	IDF ROOM
556A	06	SC	3'-0"	7'-0"	1.3/4"	HM	3'-4"	7'-2"	4-1/2"	F	IDF ROOM

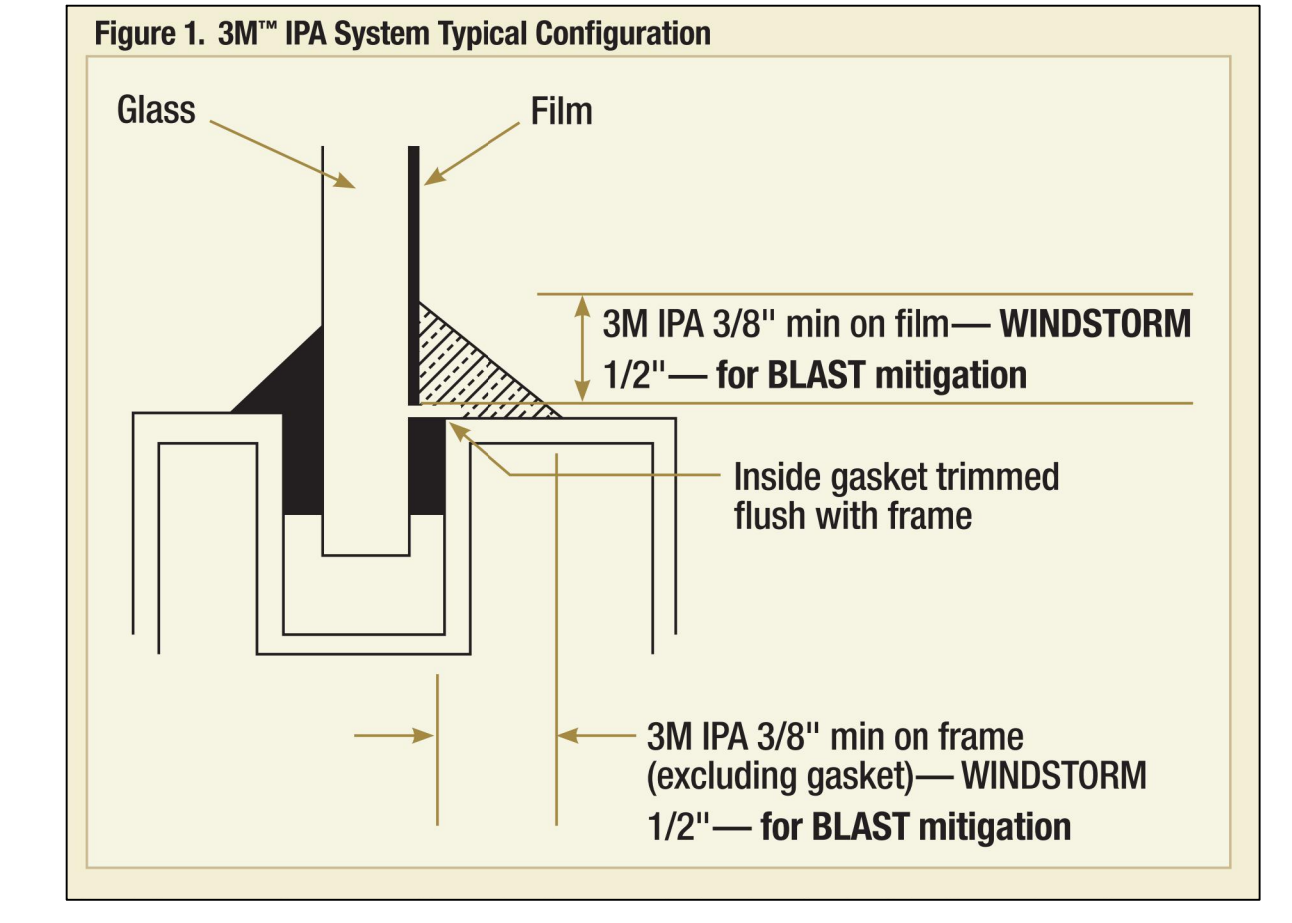


SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

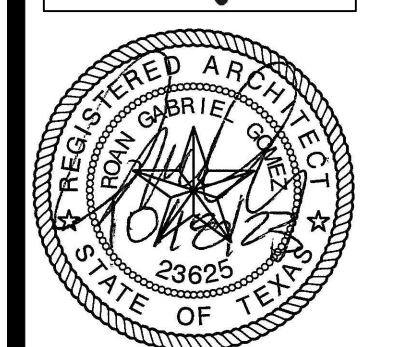
ROOM	FRAME NO.	MATL.	DOOR			FRAME			REMARKS	
			W	H	T	W	H	T		
242	01	ALUM	PR - 3'-0"	7'-0"	1.3/4"	ALUM	9'-4"	9'-4"	4-1/2"	
227	02	ALUM	PR - 3'-0"	7'-0"	1.3/4"	ALUM	6'-4"	9'-0"	4-1/2"	
226	02	ALUM	PR - 3'-0"	7'-0"	1.3/4"	ALUM	6'-4"	9'-0"	4-1/2"	
206	02	ALUM	PR - 3'-0"	7'-0"	1.3/4"	ALUM	6'-4"	9'-0"	4-1/2"	
254	03	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	
254	03	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	
255	03	H.M.	PR - 3'-0"	7'-0"	1.3/4"	H.M.	6'-4"	7'-4"	4-1/2"	
110	02	ALUM	PR - 3'-0"	7'-0"	1.3/4"	ALUM	6'-4"	9'-0"	4-1/2"	
108	02	ALUM	PR - 3'-0"	7'-0"	1.3/4"	ALUM	6'-4"	9'-0"	4-1/2"	
103	5	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-2"	4-1/2"	
102	5	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-2"	4-1/2"	
114	5	S.C.	3'-0"	7'-0"	1.3/4"	H.M.	3'-4"	7'-2"	4-1/2"	
232	A					ALUM	2'-4"	6'-8"	4-1/2"	
231	A					ALUM	2'-4"	6'-8"	4-1/2"	
212	B					ALUM	4'-0"	4'-0"	4-1/2"	
212	A					ALUM	2'-4"	6'-8"	4-1/2"	



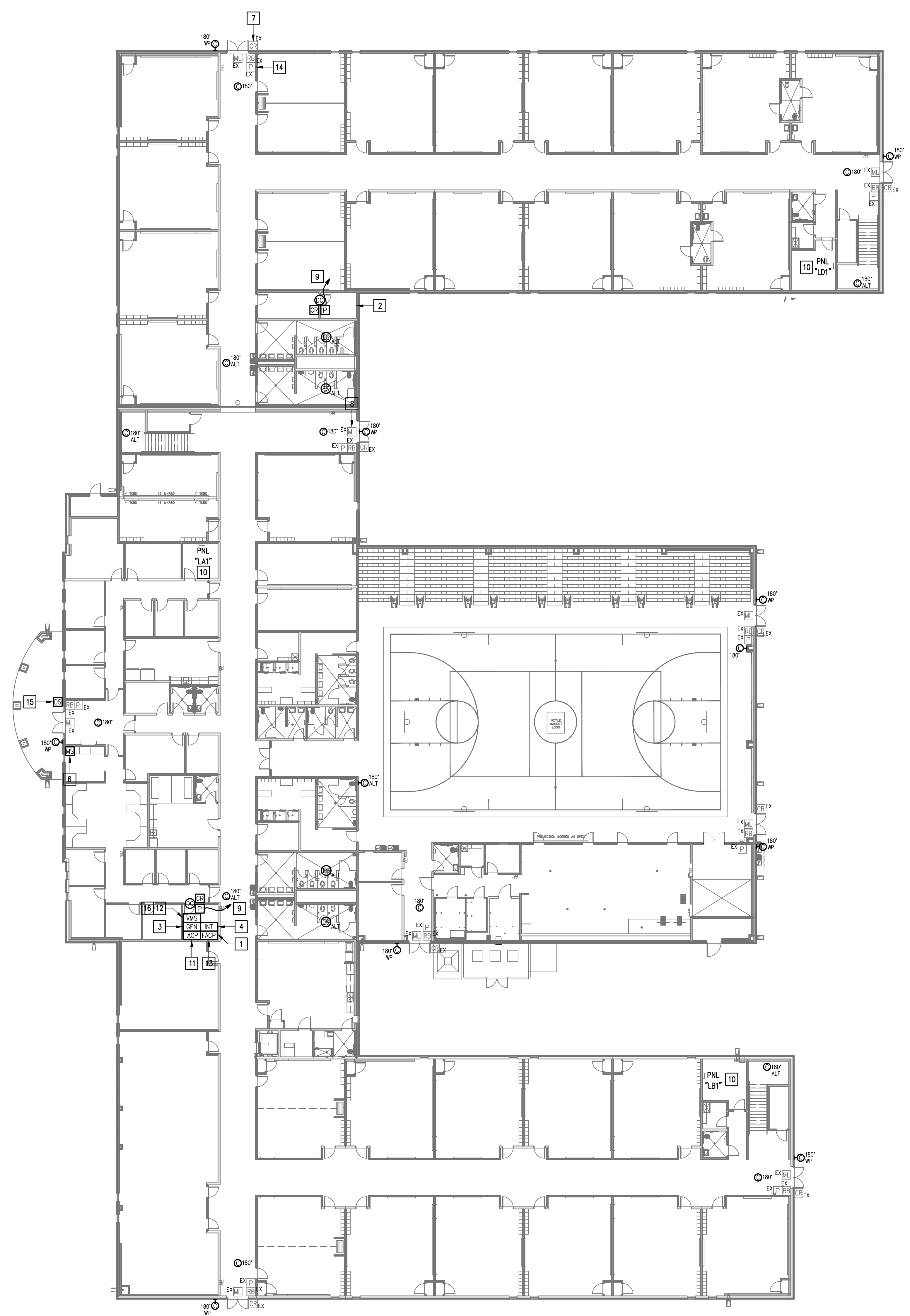
**02 DOOR NUMBER LOCATION**  
ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.



**01 FILM DETAIL**  
NOT TO SCALE







**GENERAL NOTES:**

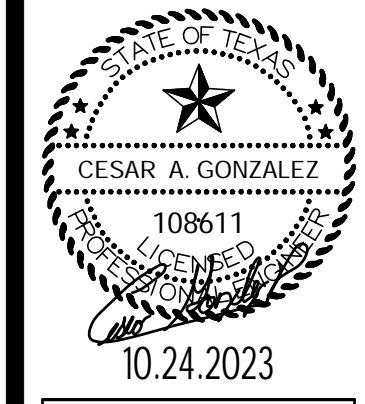
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IDEA NORTH MISSION  
**TECHNOLOGY PLAN (1ST FLOOR)**  
 01 SCALE 1/8" = 1'-0"  
 PLAN NORTH

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 MISSION, TEXAS



10.24.2023  
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 Interior Designers

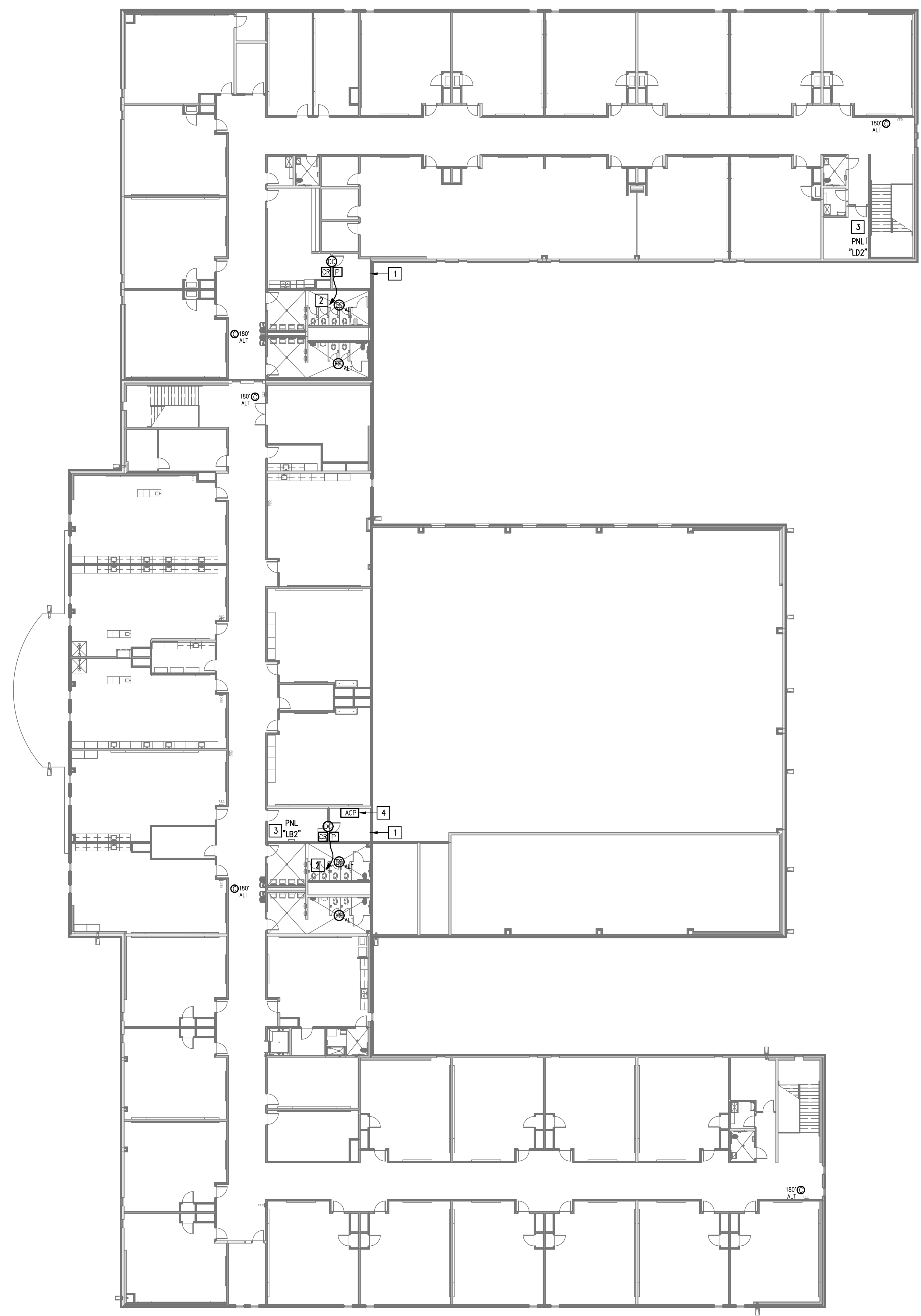
Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No: 22090  
 Sheet:

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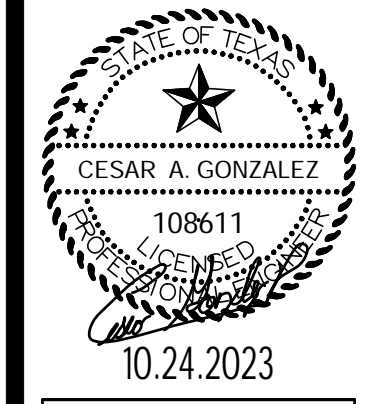
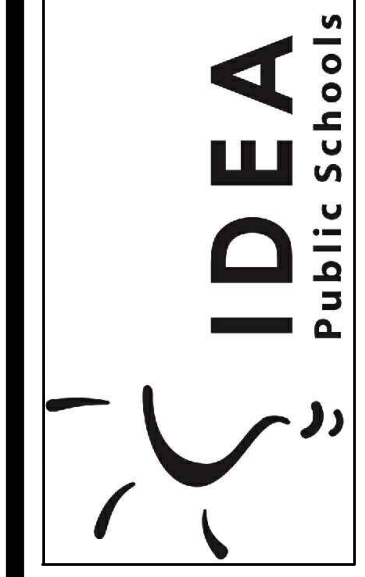
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- 2 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 3 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 4 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



IDEA NORTH MISSION  
**TECHNOLOGY PLAN (1ST FLOOR)**  
 01 SCALE 1/16" = 1'-0"  


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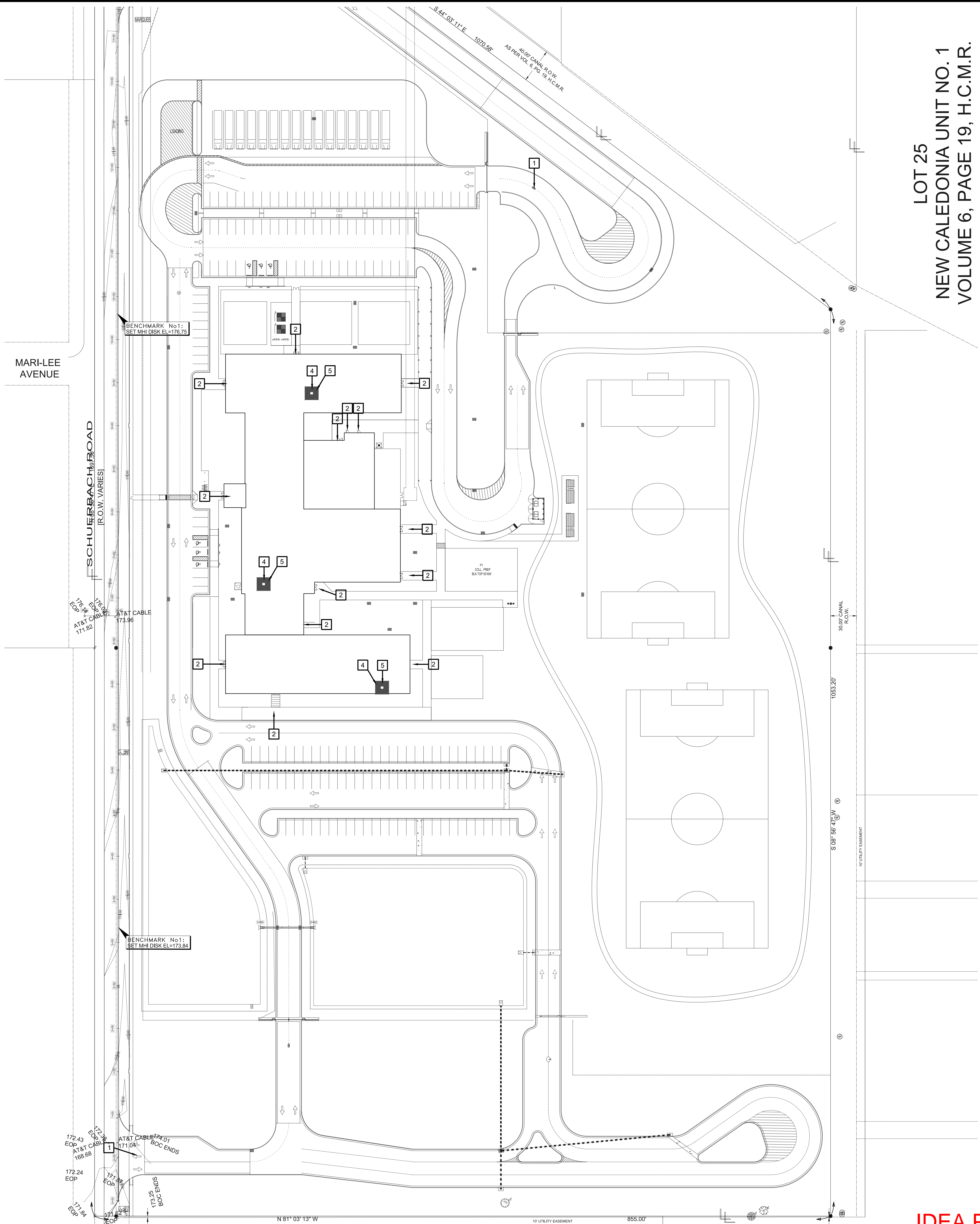


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 Drawn By: C.G.  
 Job No: 22090  
 Sheet:



**E2.02**



LOT 25  
 NEW CALEDONIA UNIT NO. 1  
 VOLUME 6, PAGE 19, H.C.M.R.

**01 OVERALL SITE PLAN**

SCALE 1" = 40'-0"

**SITE PLAN KEY NOTES:**

- 1** GATE VIDEO ACCESS WITH CARD READER
- 2** EXTERIOR ACCESS DOOR WITH CARD READER
- 3** EXTERIOR NETWORKING DOOR WITH CARD READER
- 4** INTERIOR NETWORKING DOOR WITH CARD READER
- 5** NETWORK IDF/MDF ROOM LOCATIONS

**IDEA PALMVIEW**

No.	REVISIONS	BY

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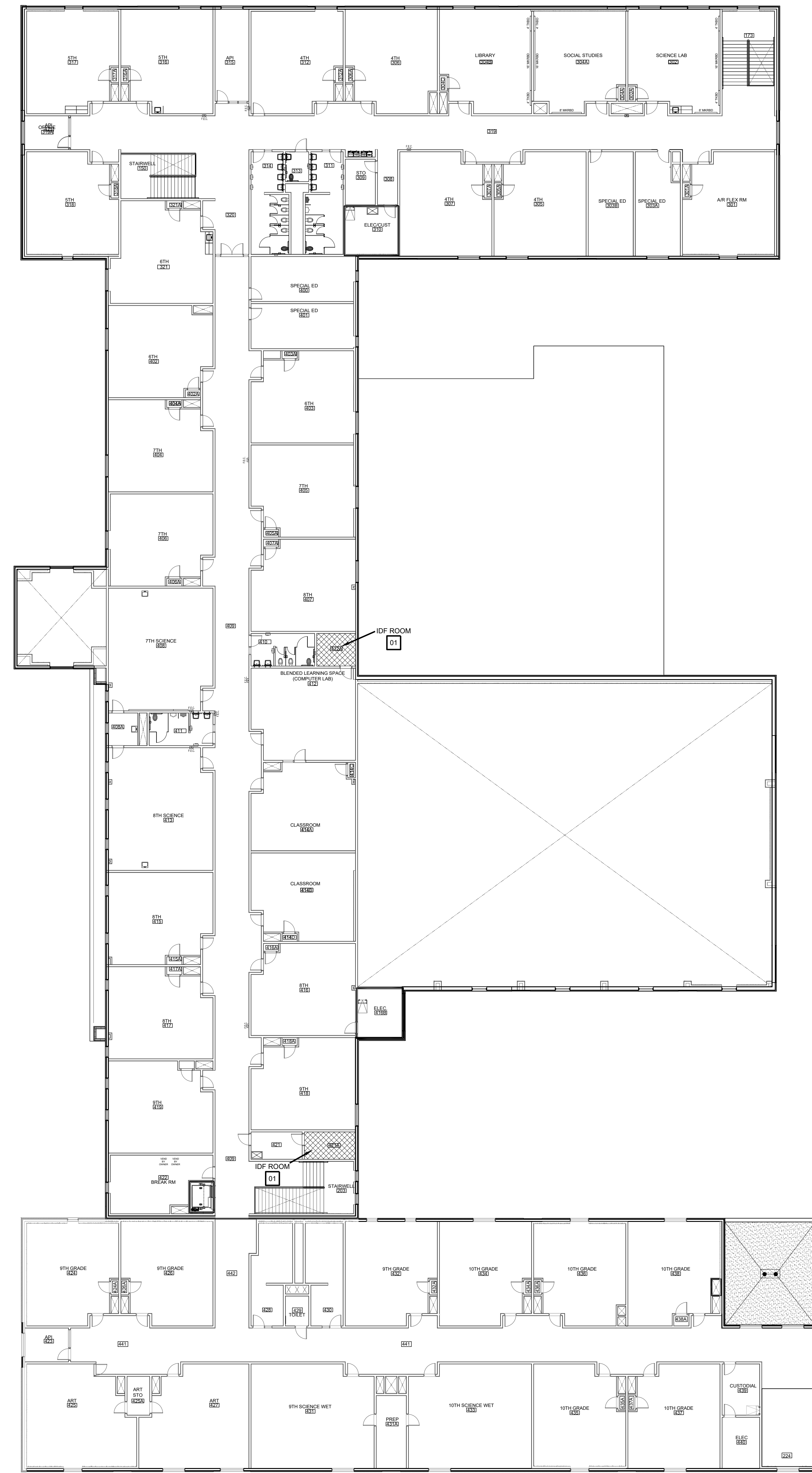
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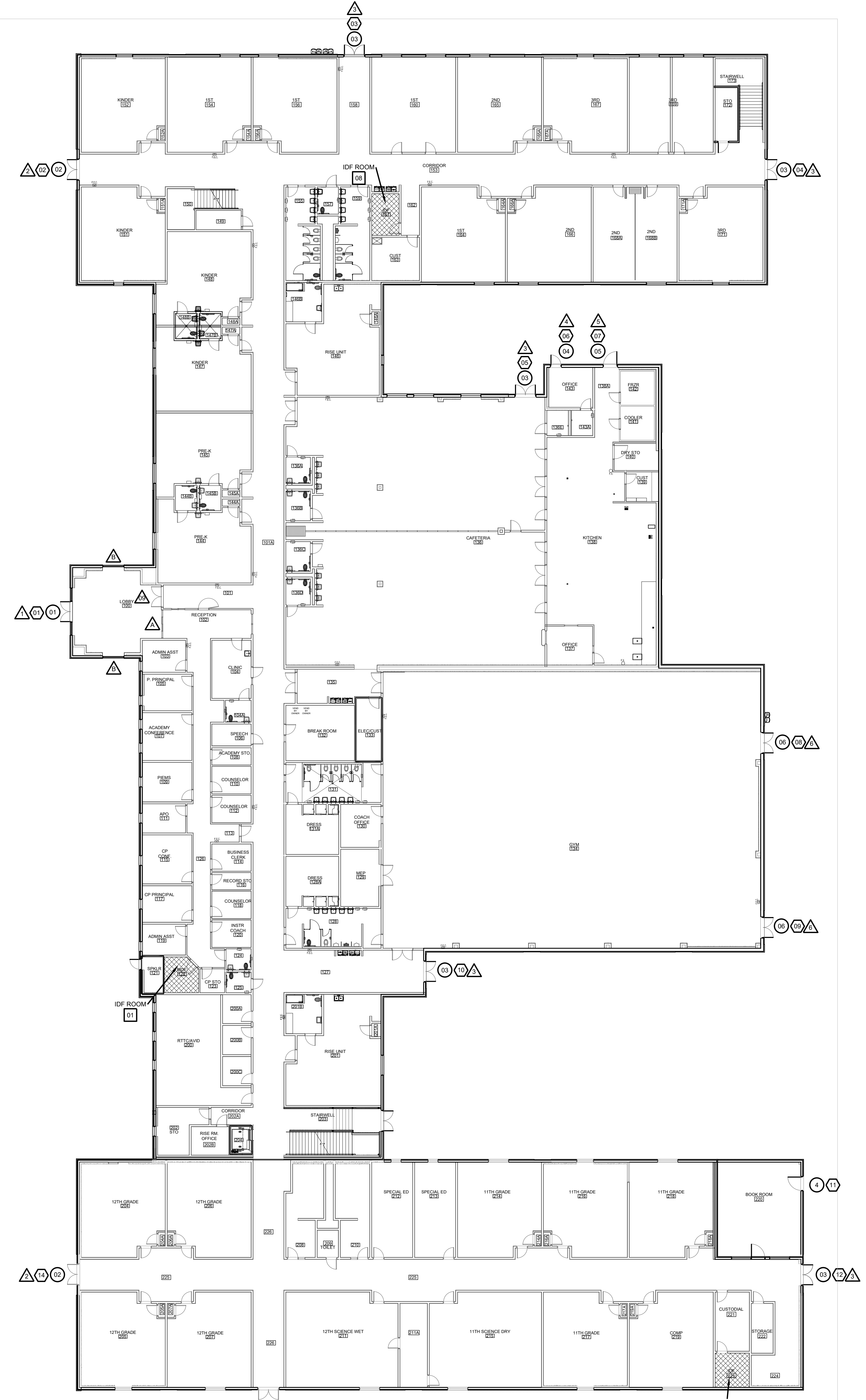
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Project Architect:	Roan Gomez, AIA
Drawn By:	CG, JO, JA
Job No.:	IDEA SECURITY
Sheet:	IDEA SECURITY


**A1.01**



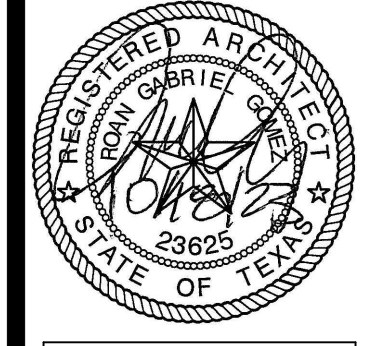
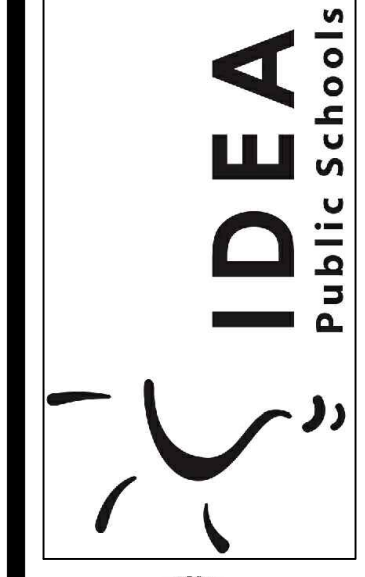
  
 NORTH  
 SECOND FLOOR  
 OVERALL FLOOR PLAN  
 02 SCALE: 1/16" = 1'-0"

**SYMBOL LEGEND**  
 (A) ACCESS DOOR NUMBERING  
 (X) SECURITY DOOR HARDWARE  
 (XX) IDF ACCESS HARDWARE  
 (▲) SECURITY FILM

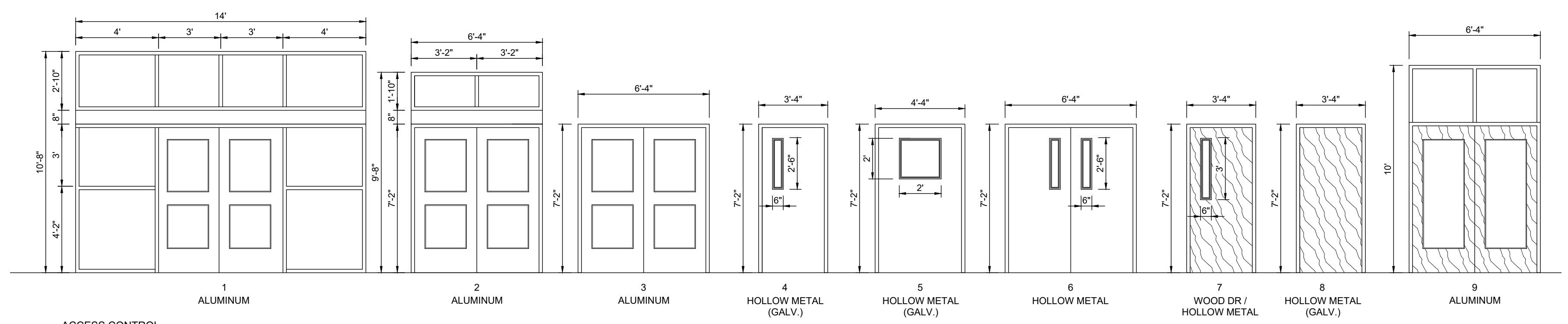


  
 NORTH  
 FIRST FLOOR  
 OVERALL FLOOR PLAN  
 01 SCALE: 1/16" = 1'-0"

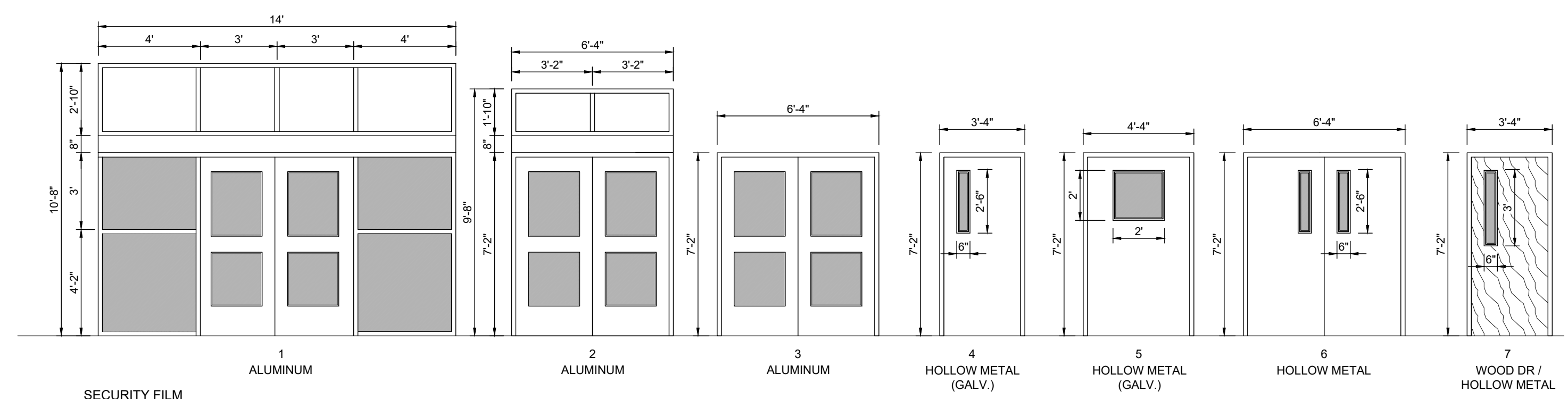
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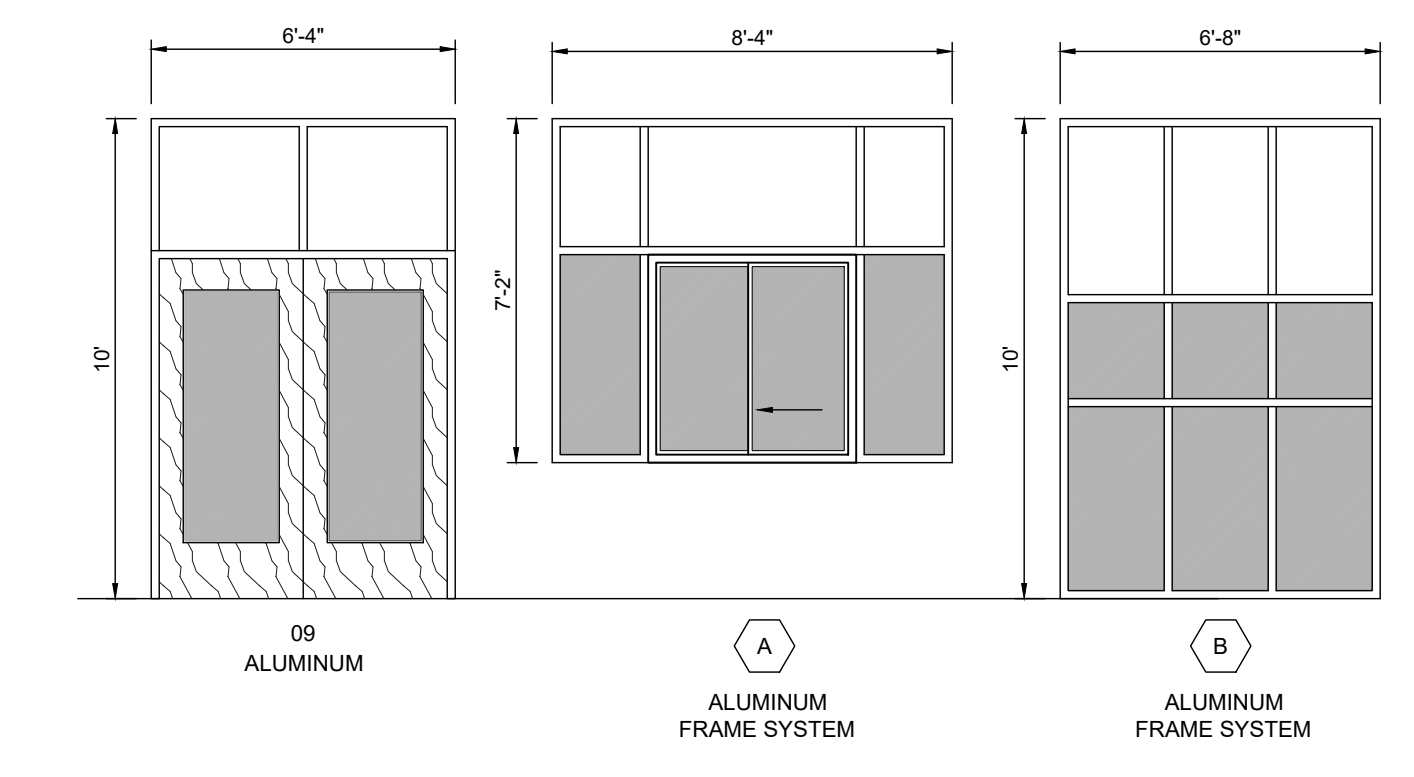


ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
 SCALE 1/4" = 1'-0"



SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
 SCALE 1/4" = 1'-0"

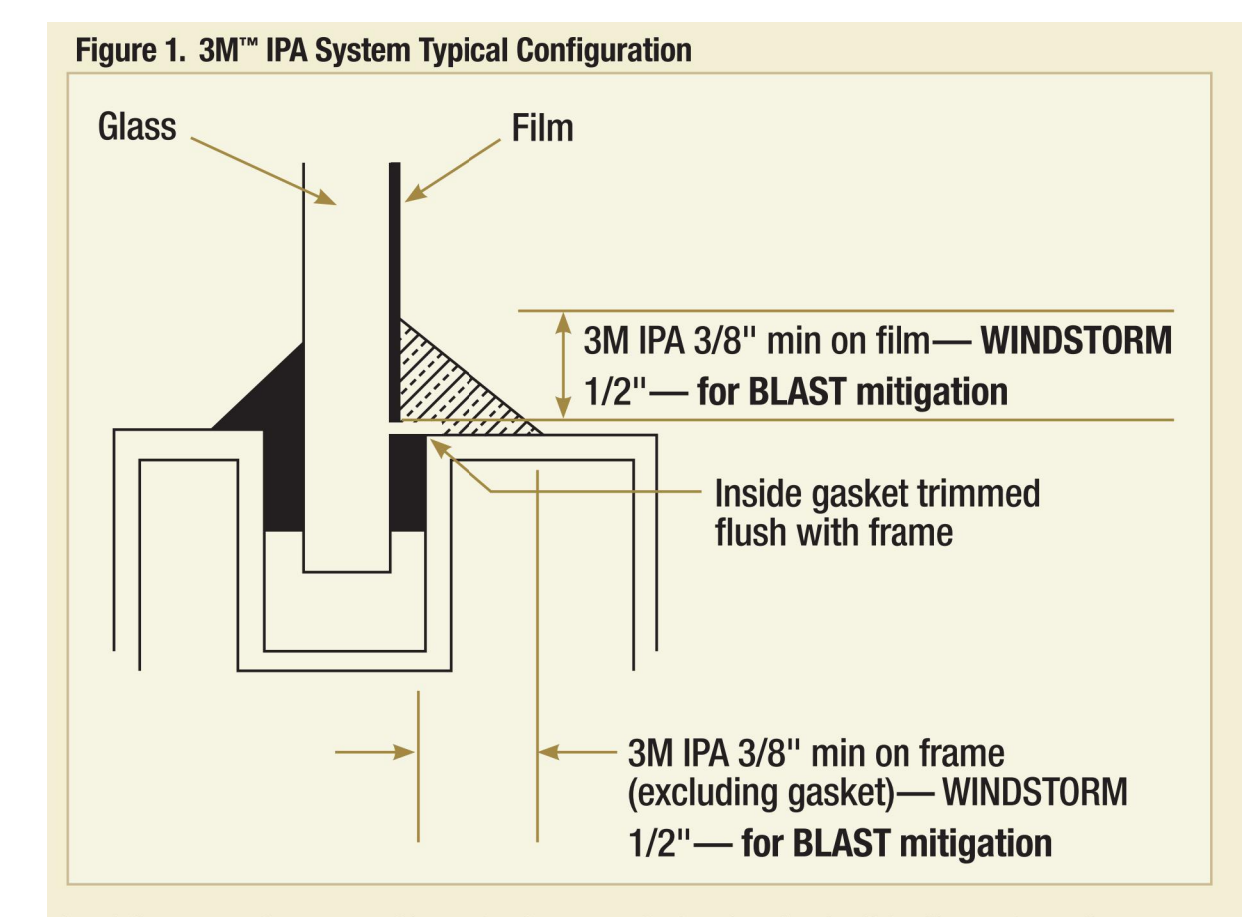
ACCESS CONTROL - DOOR SCHEDULE										
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS	
		MATL.	W	H	T	MATL.	W			H
100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	14'-0"	10'-8"	4 - 1/2"	A
101	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	A
153	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-8"	4 - 1/2"	A
158	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
153	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
138	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
143	04	HM	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	E
138A	05	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	D
134	06	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	B
134	06	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	B
127	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
220	04	HM	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	E
225	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
226	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
225	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-8"	4 - 1/2"	A
122	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM
181	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM
223	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM
412A	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM
421A	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F IDF ROOM



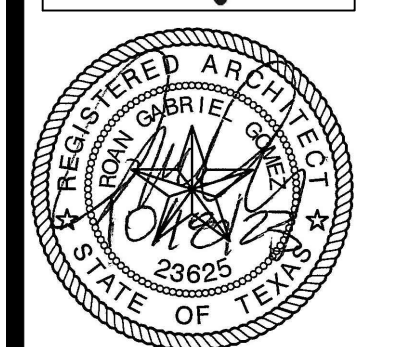
WINDOW FILM - DOOR / WINDOW SCHEDULE										
BLDG	FRAME NO.	DOOR			FRAME			REMARKS		
		MATL.	W	H	T	MATL.	W		H	T
100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	15'-0"	10'-0"	4 - 1/2"	A
100	B					ALUM.	6'-8"	10'-0"	4 - 1/2"	
101	09	SC	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-8"	10'-0"	5-3/4"	B
102	A					ALUM.	6'-4"	7'-2"	4 - 1/2"	
153	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-8"	4 - 1/2"	A
158	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
153	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
138	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
143	04	HM	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	E
138A	05	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	D
134	06	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	B
134	06	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	B
127	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
225	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
226	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A
225	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-8"	4 - 1/2"	A

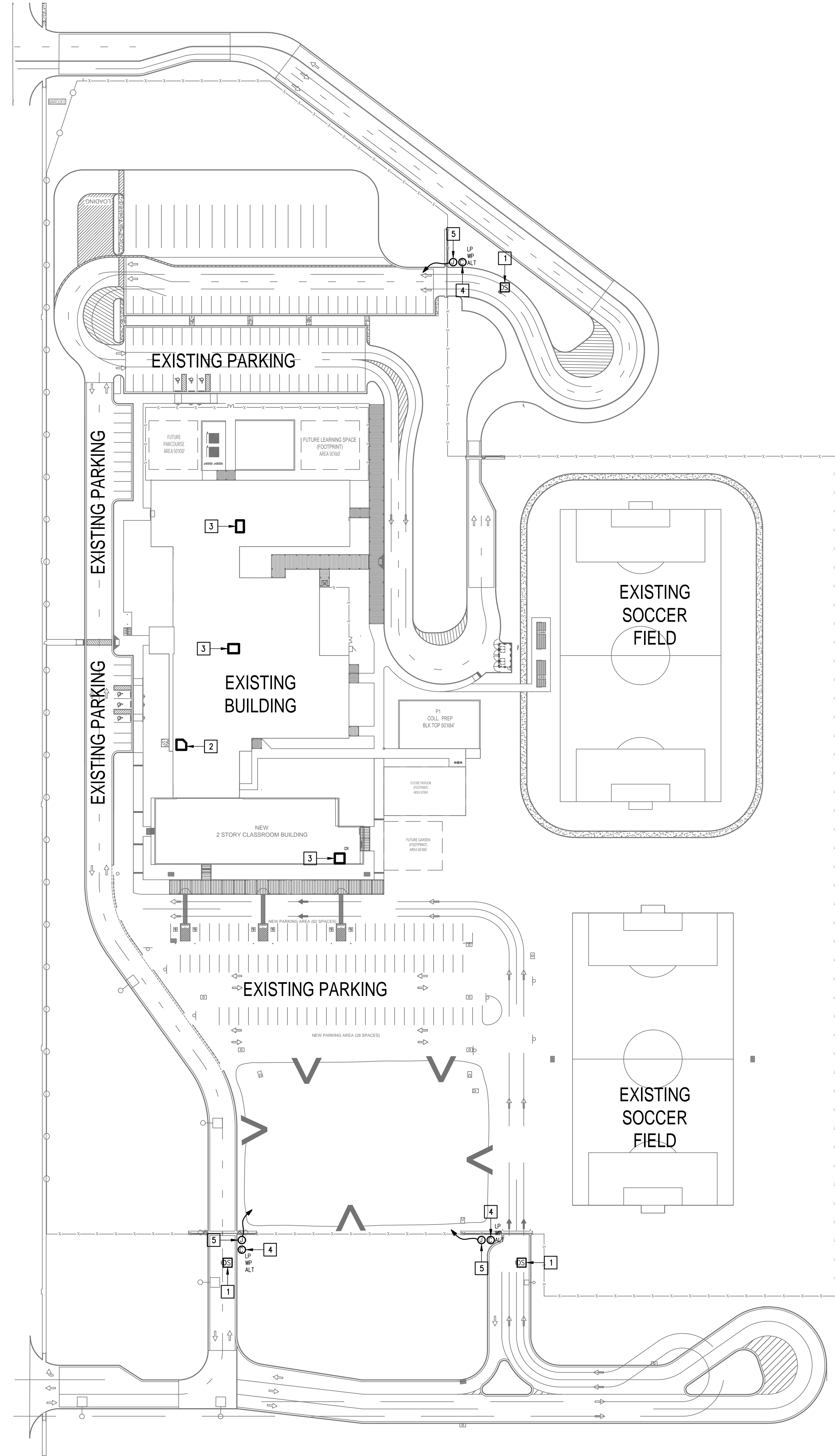


**01 DOOR NUMBER LOCATIONS**  
 ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.



**02 FILM DETAIL**  
 NOT TO SCALE





- KEYED NOTES:**
- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 2 EXISTING MDF ROOM.
  - 3 EXISTING IDF ROOM.
  - 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATION SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
  - 5 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.

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Public Schools

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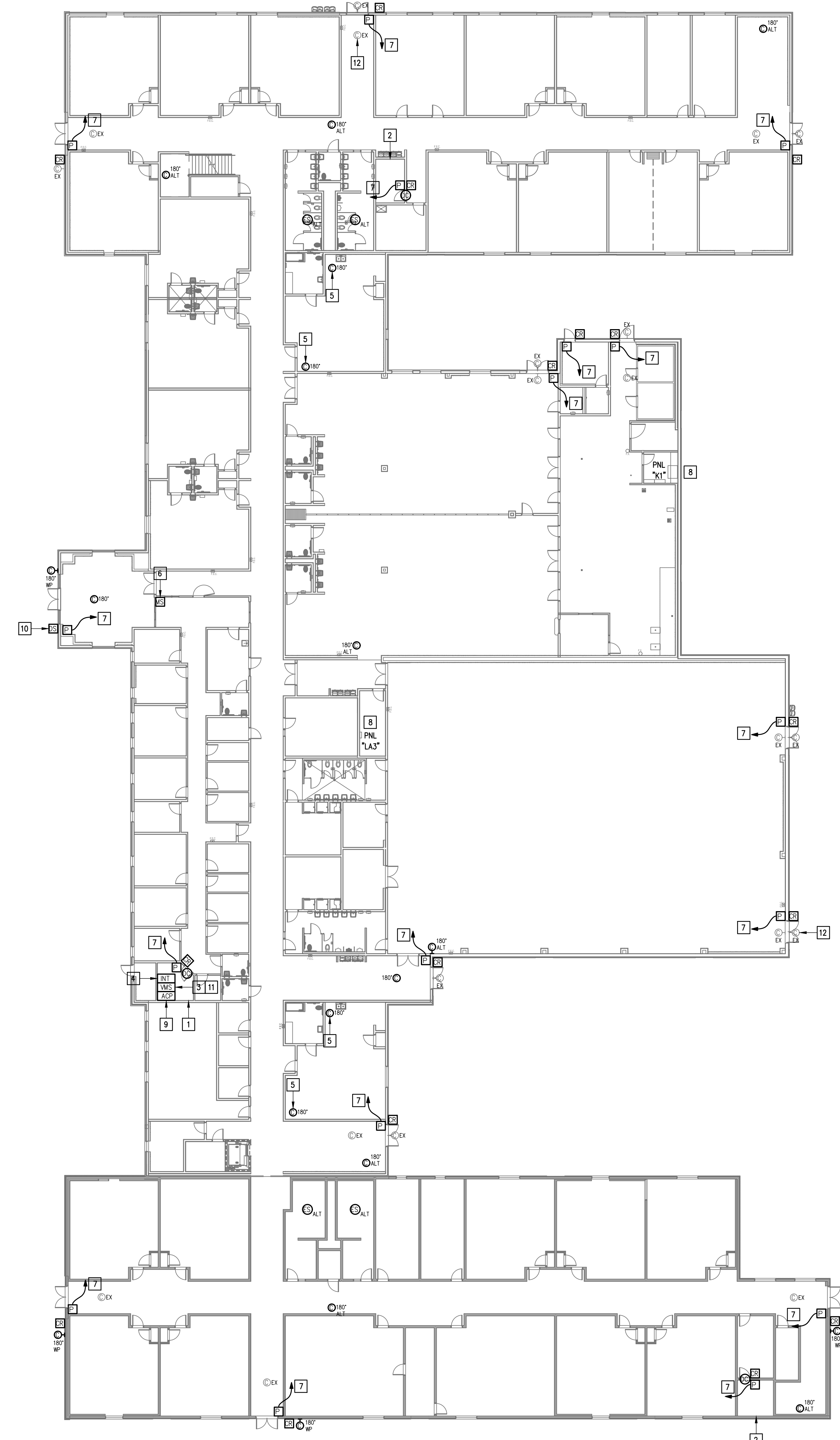
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 Drawn By: C.G.  
 Job No: 22090  
 Sheet: 22090

**IDEA PALMVIEW**  
**TECHNOLOGY PLAN (SITE PLAN)**  
 01 SCALE : 1" = 60'-0"



E1.01





### GENERAL NOTES:

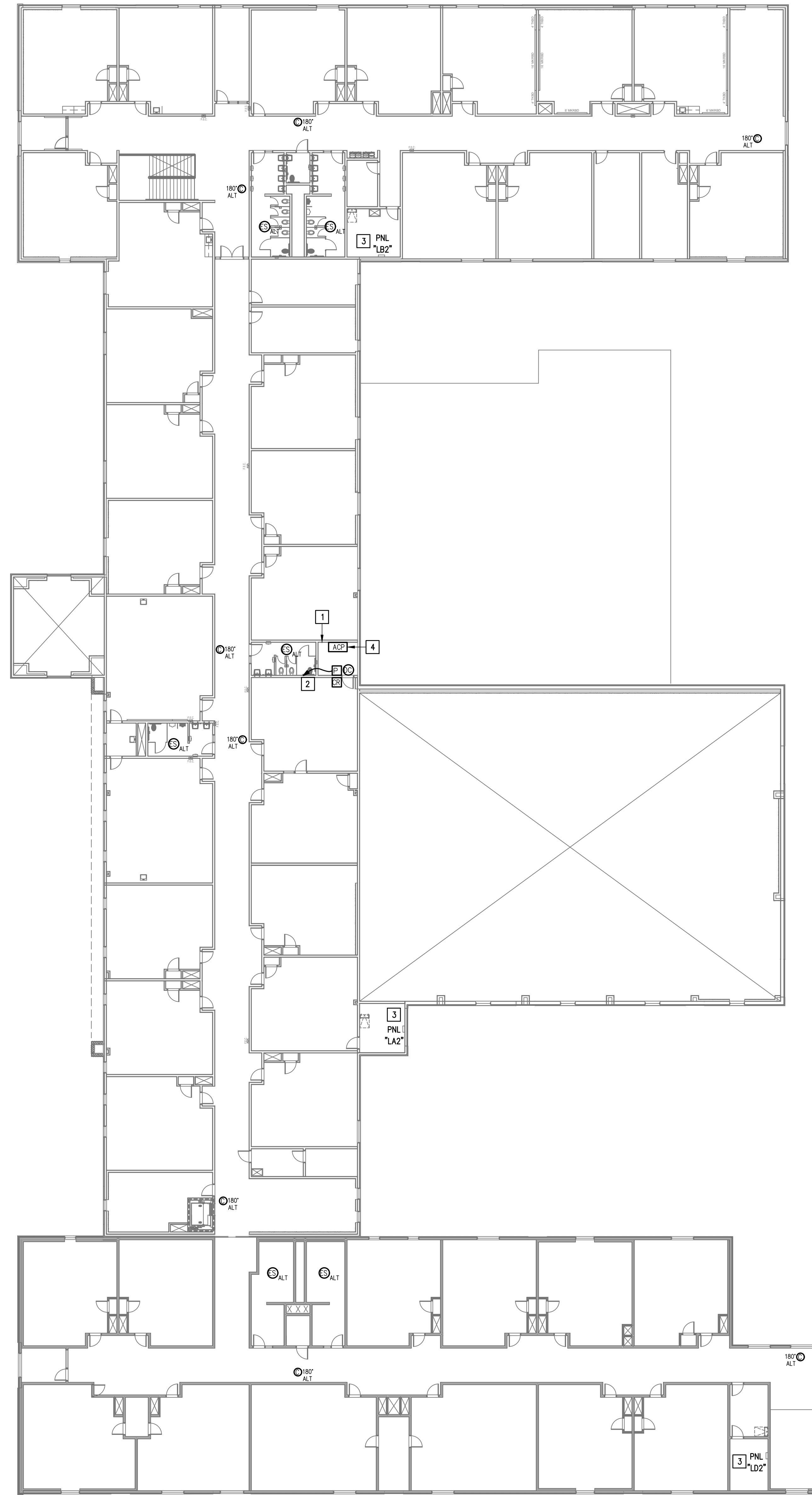
1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

### KEYED NOTES:

- 1 EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT5 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 4 EXISTING INTRUSION DETECTION SYSTEM PANEL BOSCH MODEL B9512G.
- 5 EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- 6 EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- 7 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10; CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 8 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 9 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT5 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- 10 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 11 EXISTING GENETEC VIDEO MANAGEMENT SYSTEM.
- 12 EXISTING CCTV CAMERA TO REMAIN - TYPICAL.

IDEA PALMVIEW  
TECHNOLOGY PLAN (FIRST FLOOR)  
01 SCALE: 1/16" = 1'-0"  
PLAN NORTH






**GENERAL NOTES:**

1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- 1 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 3 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 4 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.

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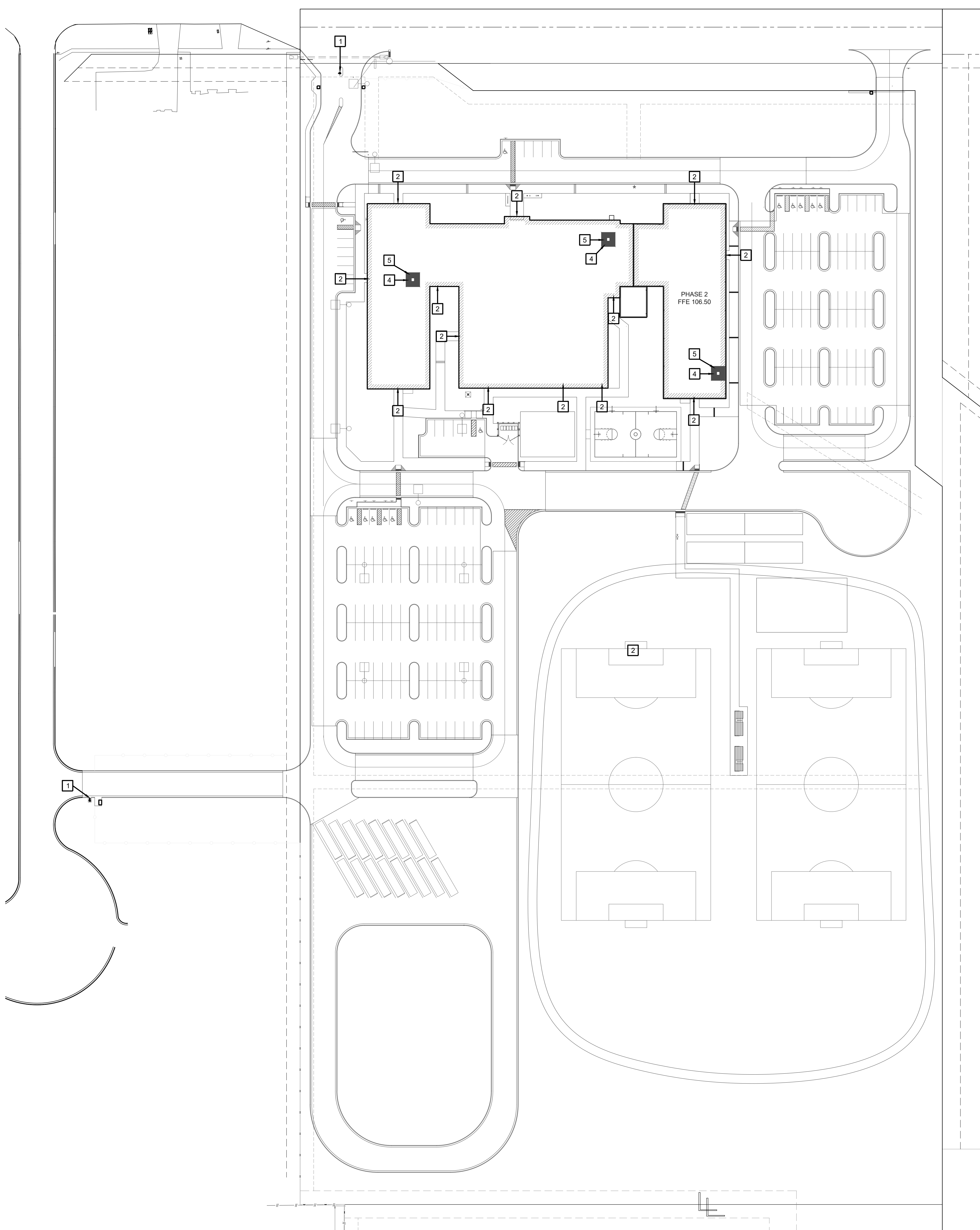
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 Drawn By: C.G.  
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 Sheet: 22090

01  
 IDEA PALMVIEW  
 TECHNOLOGY PLAN (SECOND FLOOR)  
 SCALE: 1/16" = 1'-0"  
 PLAN NORTH



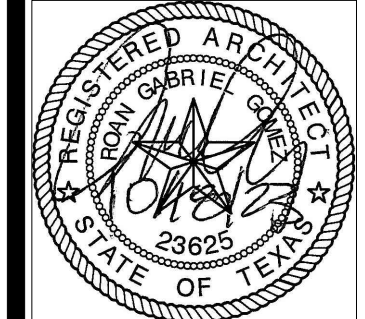
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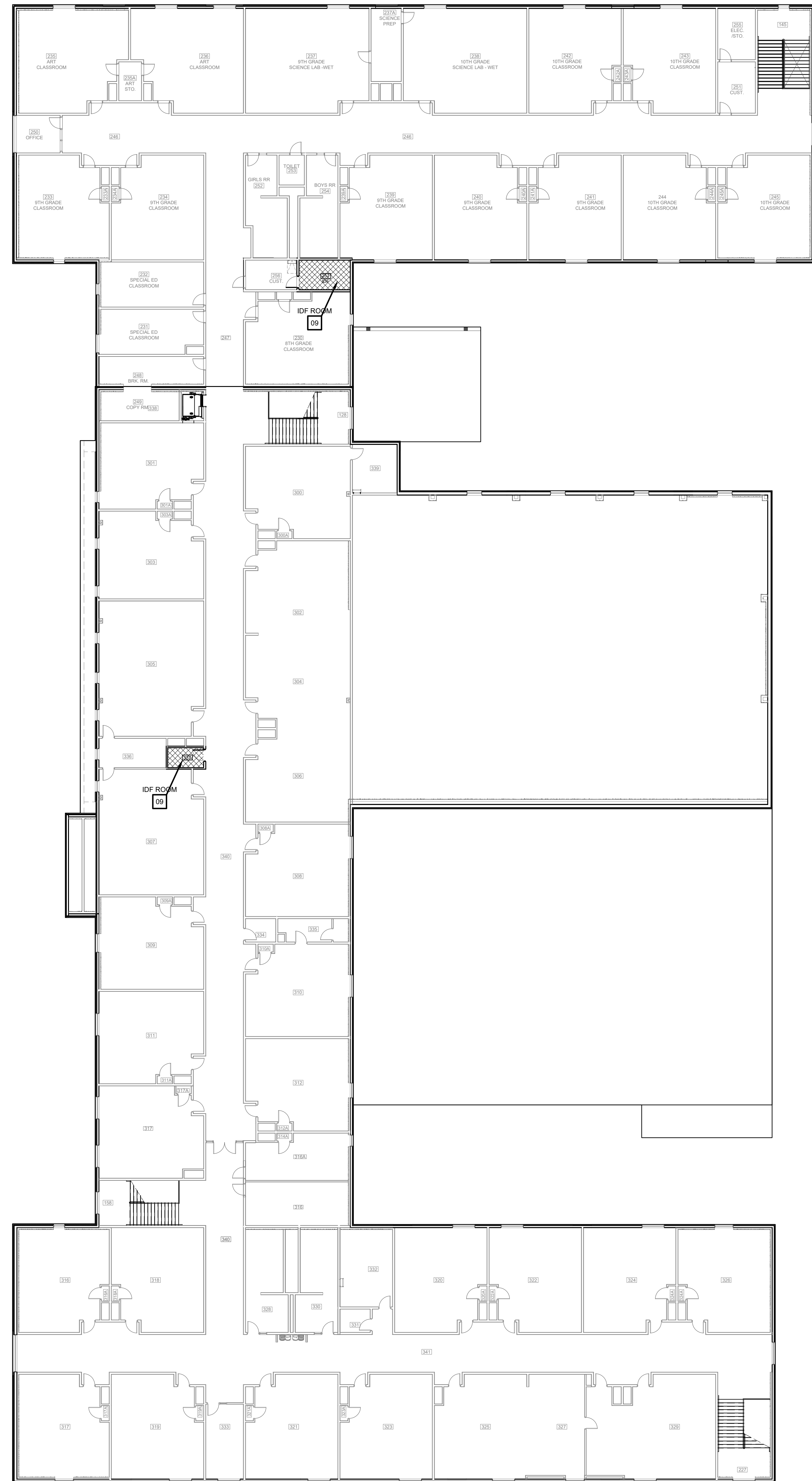
**01 OVERALL SITE PLAN**  PLAN NORTH  
 SCALE 1" = 60'-0"

- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS

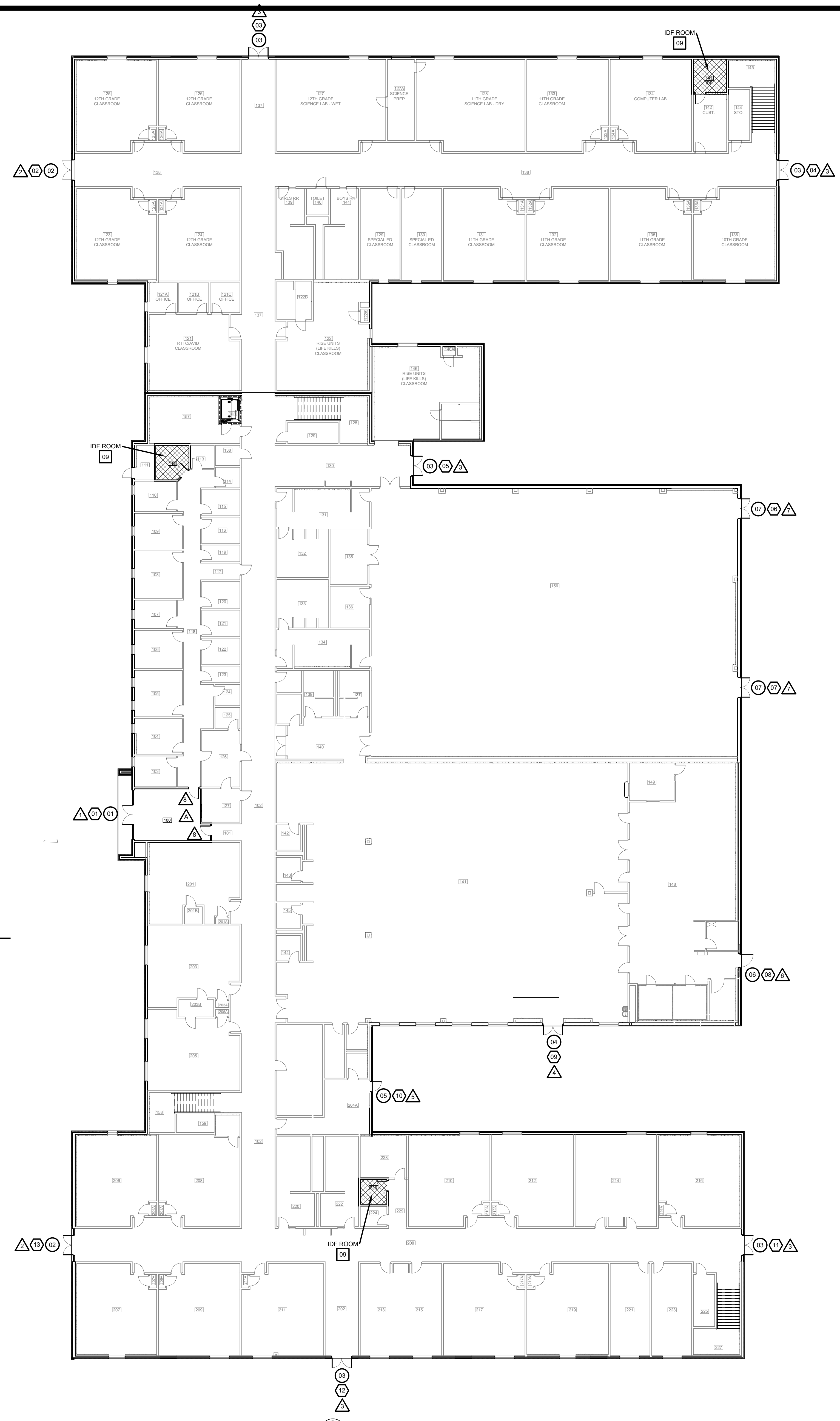
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 Job No: IDEA SECURITY  
 Sheet:



PLAN NORTH  
**SECOND FLOOR OVERALL FLOOR PLAN**  
 02 SCALE: 1/16" = 1'-0" 17,168 SQ. FT.



PLAN NORTH  
**FIRST FLOOR OVERALL FLOOR PLAN**  
 01 SCALE: 1/16" = 1'-0" 17,168 SQ. FT.

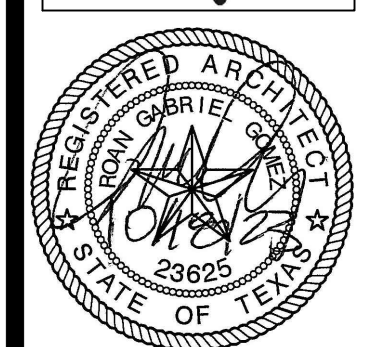
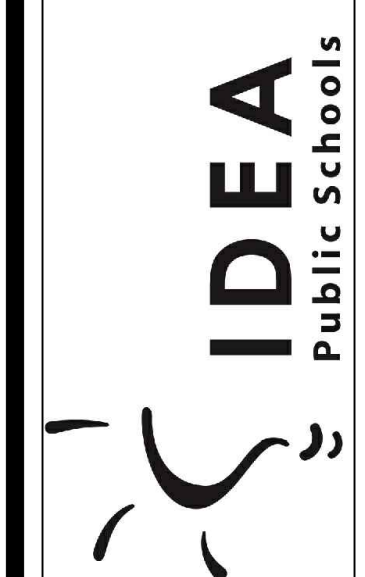
**SYMBOL LEGEND**

- ACCESS DOOR NUMBERING
- SECURITY DOOR HARDWARE
- IDF ACCESS HARDWARE
- SECURITY FILM

No.	REVISIONS	BY

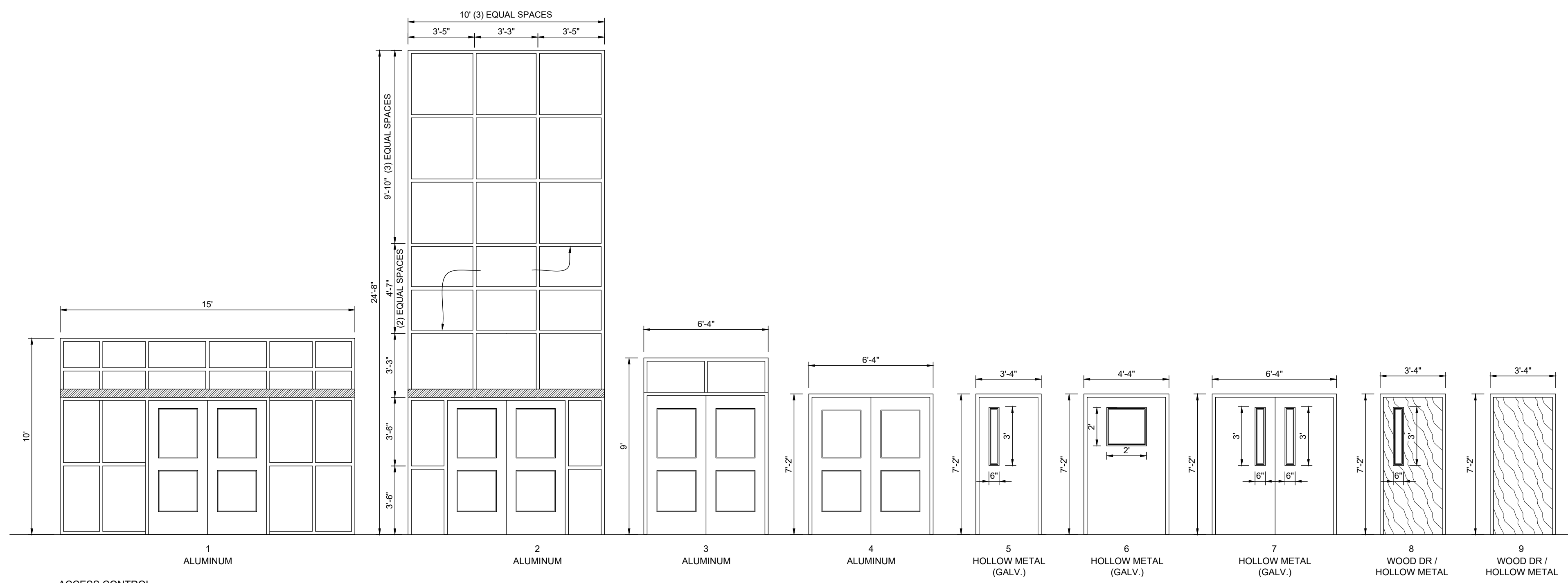
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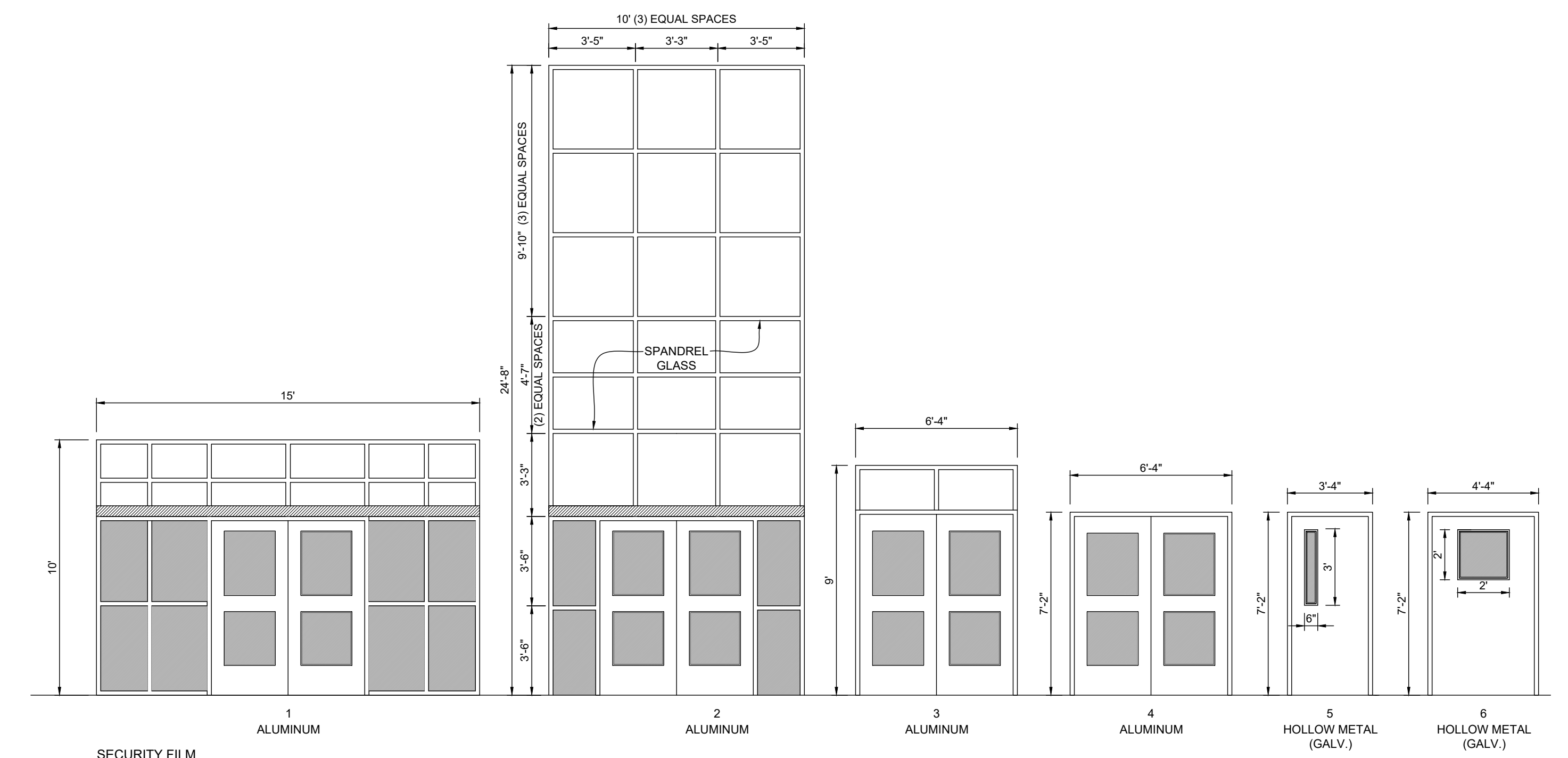
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 Job No: IDEA SECURITY  
 Sheet: IDEA SECURITY

**IDEA PHARR OWASSA A2.00**



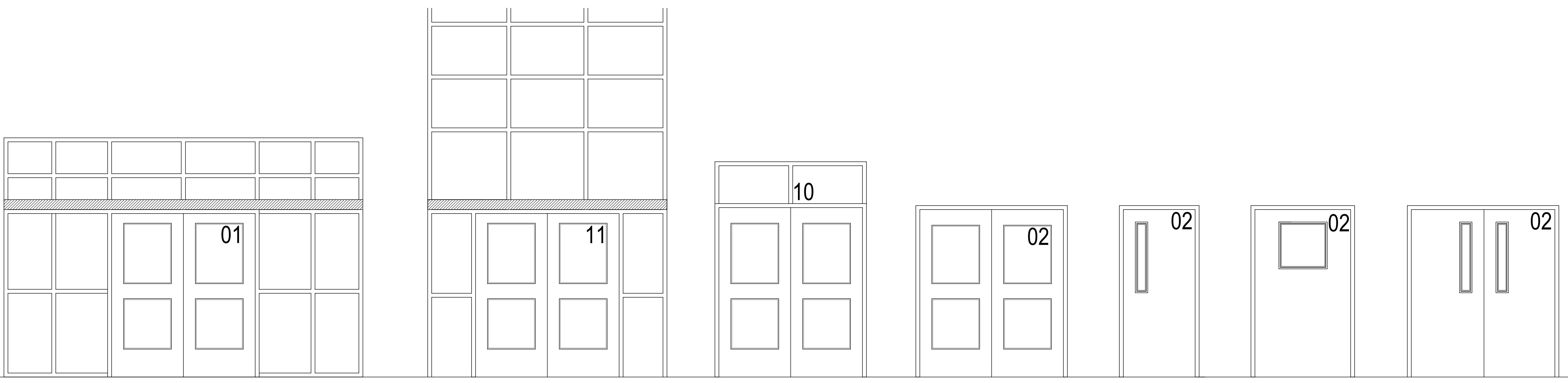
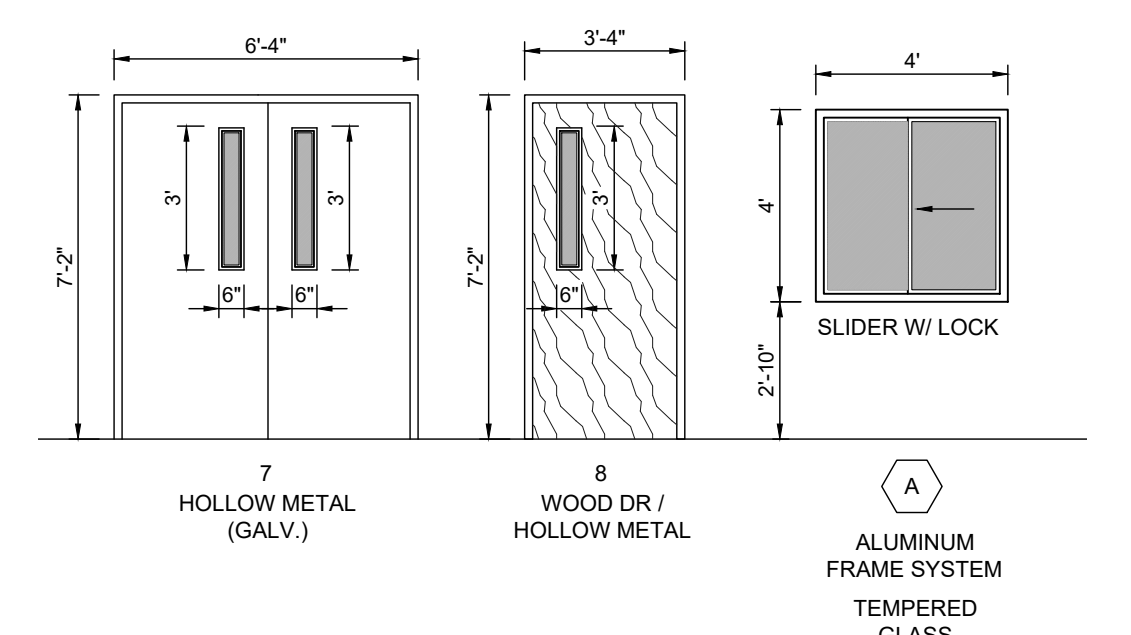
ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

ACCESS CONTROL - DOOR SCHEDULE											
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	T	MATL.	W			H	T
100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	15'-0"	10'-0"	4 - 1/2"	A	
138A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	24'-8"	4 - 1/2"	A	
137	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
138B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
130	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
156A	07	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
156B	07	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
148	06	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	D	
141	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
204	05	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	E	
200	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
202	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	A	
200	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	24'-8"	4 - 1/2"	A	
112	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
143	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
226	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
337	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
297	09	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM

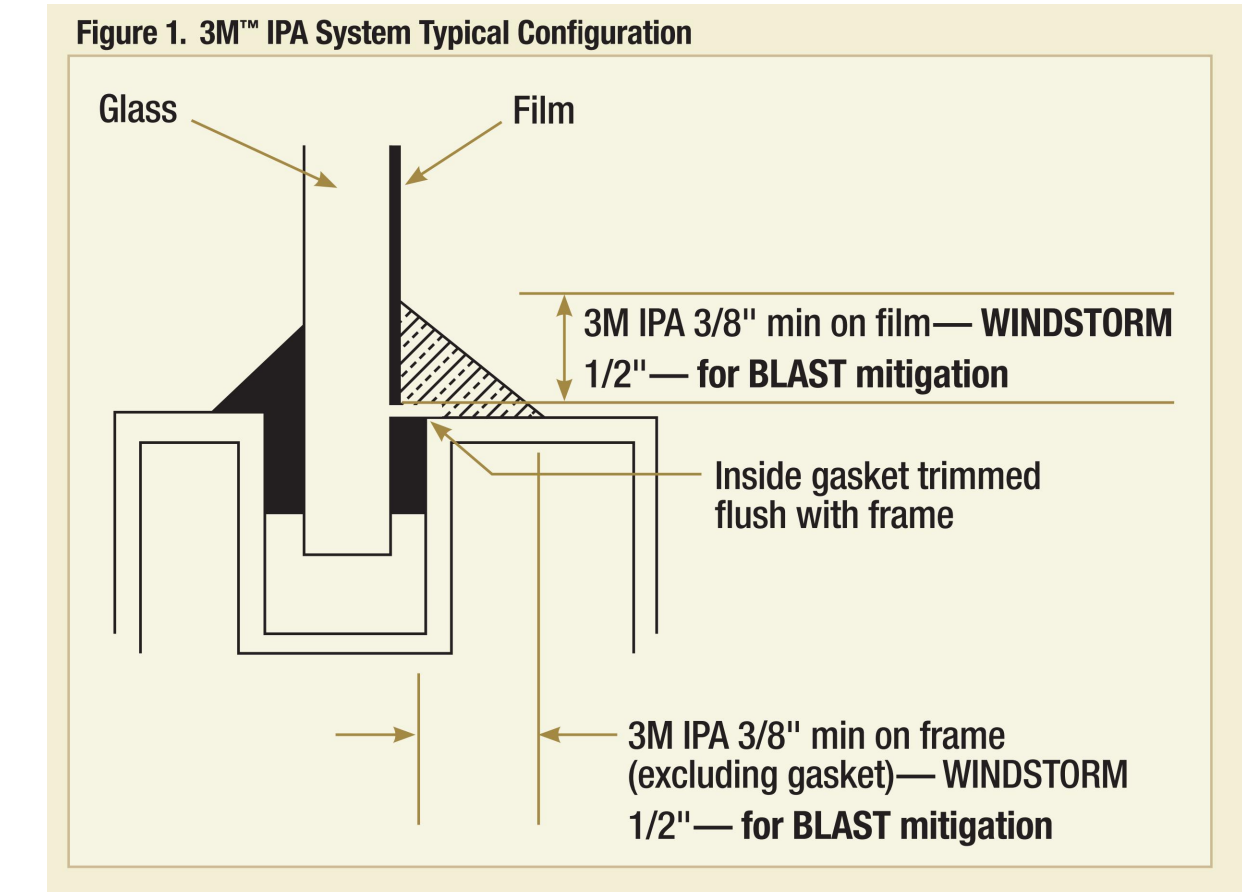


SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

WINDOW FILM - DOOR / WINDOW SCHEDULE										
BLDG	FRAME NO.	DOOR			FRAME			REMARKS		
		MATL.	W	H	T	MATL.	W		H	T
100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	15'-0"	10'-0"	4 - 1/2"	
101	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
118	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
127	A					ALUM.	4'-0"	4'-0"	4 - 1/2"	
138A	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	24'-8"	4 - 1/2"	
137	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
138B	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
130	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
156A	07	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	
156B	07	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-2"	5-3/4"	
148	06	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	5-3/4"	
141	04	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	
204	05	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	5-3/4"	
200	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
202	03	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	9'-0"	4 - 1/2"	
200	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	24'-8"	4 - 1/2"	

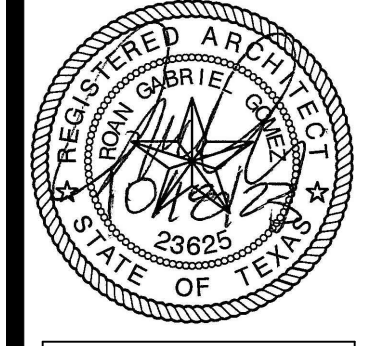


**01 DOOR NUMBER LOCATIONS**  
ALL LETTERS SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.  
REFER TO A2.00 SERIES FOR DOOR LOCATIONS AND NUMBERING SEQUENCE  
ACCESS DOOR NUMBERING (xx)



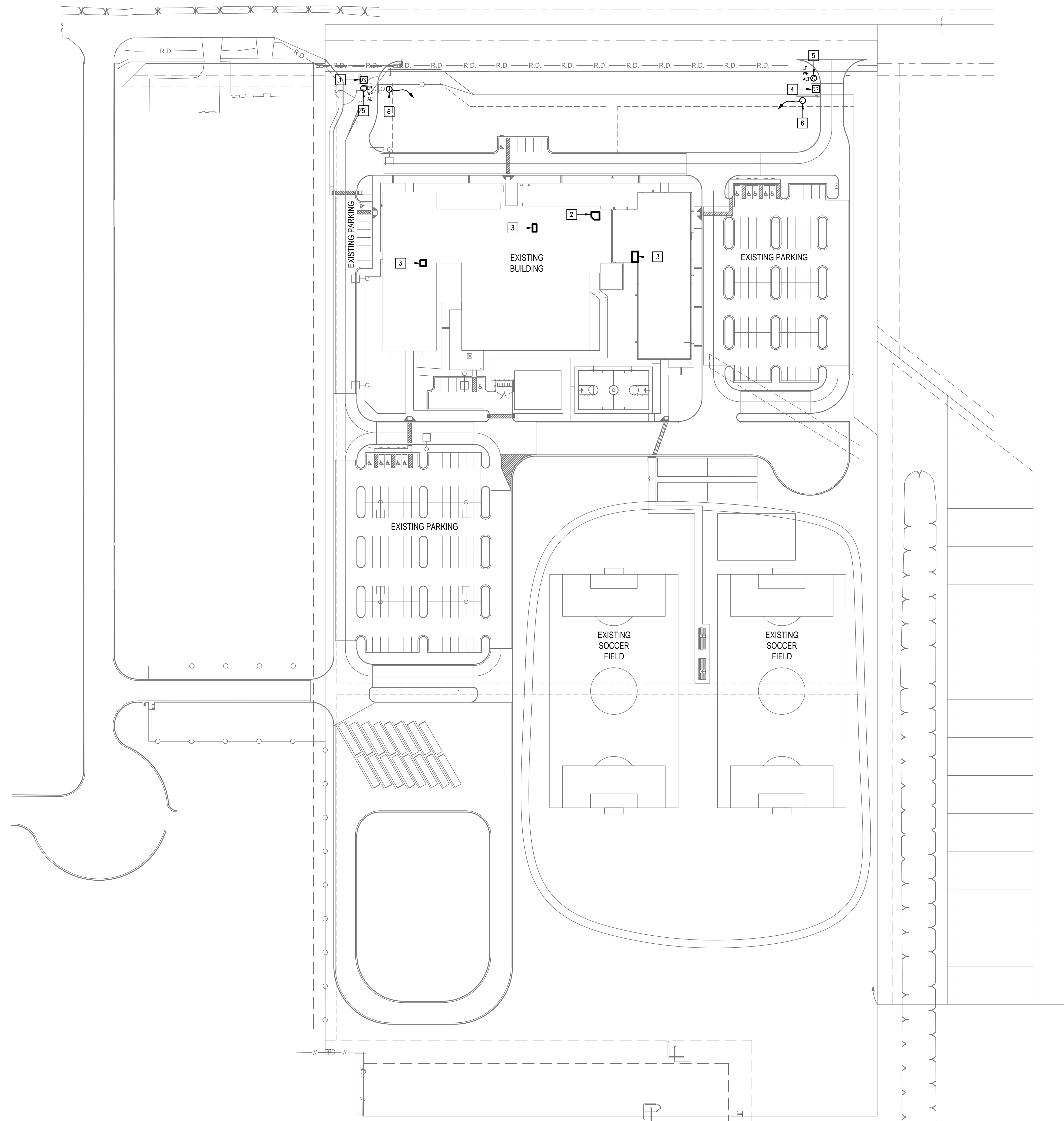
**02 FILM DETAIL**  
NOT TO SCALE

IDEA PUBLIC SCHOOLS  
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PHARR, TEXAS



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Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: CG, JO, JA  
Job No: IDEA SECURITY  
Sheet:



- KEYED NOTES:**
- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 2 EXISTING MDF ROOM.
  - 3 EXISTING IDF ROOM.
  - 4 PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 5 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
  - 6 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT; BRANCH CIRCUIT: 3/4" - 2#12 & #12G.

No.	REVISIONS	BY

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 fax (956) 546-0196

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**IDEA**  
 Public Schools



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 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No.: 22090  
 Sheet:

IDEA OWASSA  
**TECHNOLOGY PLAN (SITE PLAN)**  
 01 SCALE: 1" = 60'-0"



E1.01



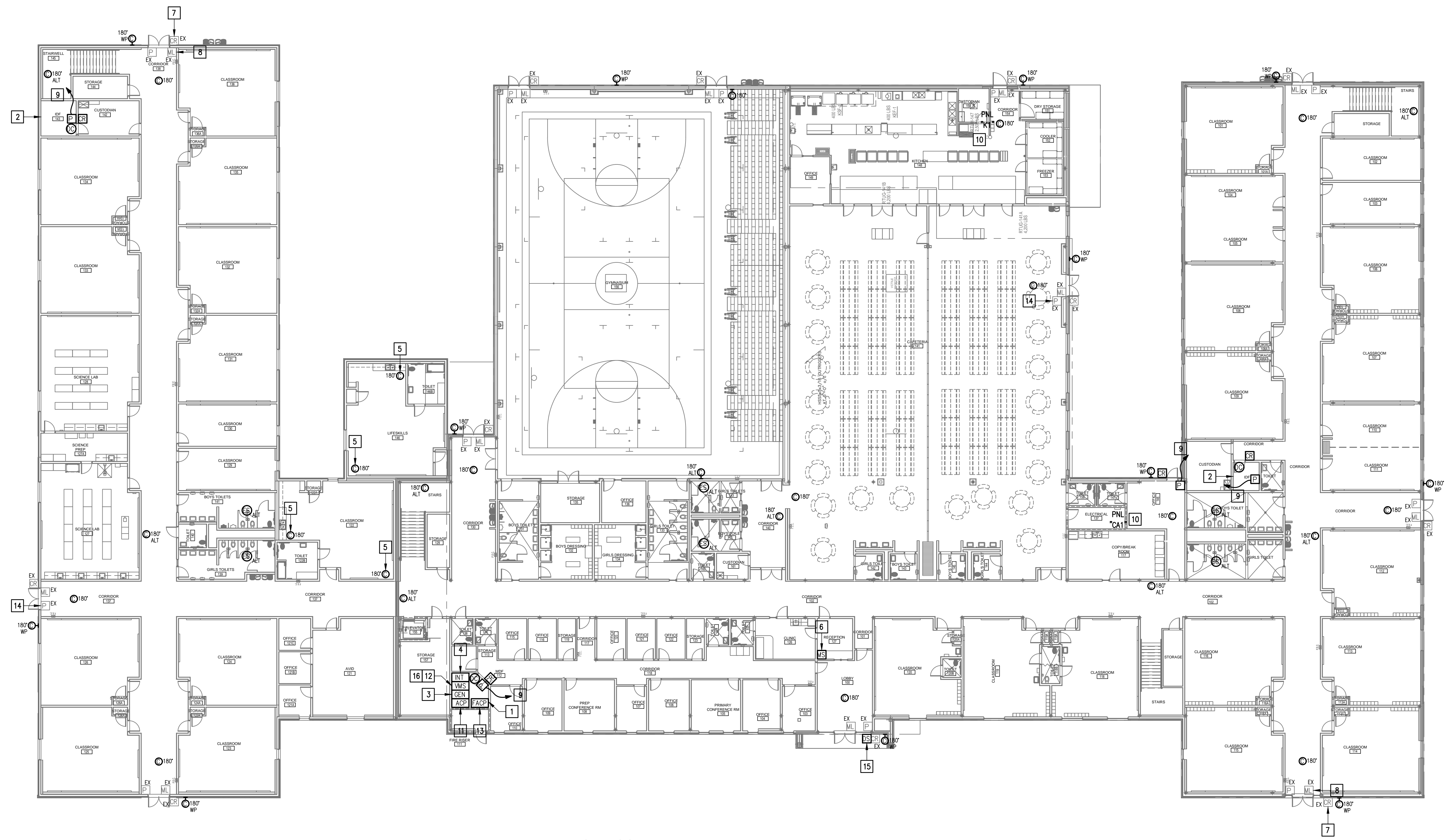
GMS ARCHITECTS  
1150 Paredes Line Rd.  
Brownsville TX 78526  
(956) 546-0110  
fax (956) 546-0196

GENERAL NOTES:

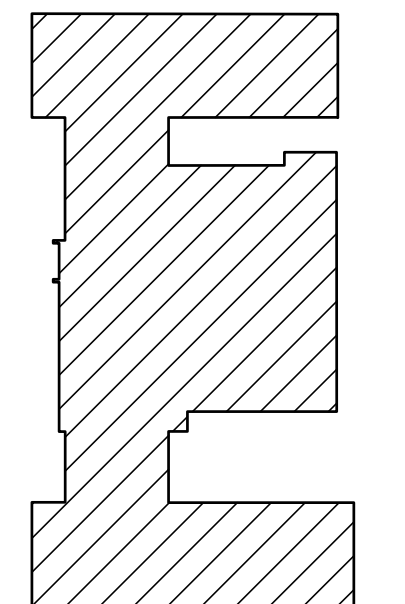
1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (WRENOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

KEYED NOTES:

- 1 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 3 EXISTING GENETEC EQUIPMENT.
- 4 EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL GEM-P9600.
- 5 EXISTING CCTV CAMERA. DISCONNECT REMOVE AND REPLACE. RETAIN EXISTING CABLING.
- 6 EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- 7 EXISTING CARD READER. TO REMAIN AS IS - TYPICAL.
- 8 EXISTING MAGNETIC LOCK. TO REMAIN AS IS - TYPICAL.
- 9 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 10 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 11 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- 12 PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- 13 APPROXIMATE LOCATION OF EXISTING FIRE ALARM CONTROL PANEL MODEL SLENT KNIGHT 5820L-EVS. PROVIDE NECESSARY HARDWARE, CABLING AND PROGRAMMING FOR INTERFACING WITH ACCESS CONTROL SYSTEM. UPON ACTIVATION OF FIRE ALARM SYSTEM ALL ACCESS DOORS MAGNETIC LOCKS SHALL BE RELEASED FOR EMERGENCY EXIT.
- 14 EXISTING ACCESS DOOR POWER SUPPLY. EXISTING CARD READERS, DOOR CONTACTS AND RELEASE BUTTONS SHALL BE INTEGRATED WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. PROVIDE TESTING OF ALL EXISTING RELATED COMPONENTS TO ENSURE OPERABILITY AND NOTE ANY NONFUNCTIONAL DEVICES. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM - TYPICAL.
- 15 EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 16 EXISTING HIKVISION VIDEO MANAGEMENT SYSTEM.



IDEA OWASSA  
TECHONLOGY PLAN (FIRST FLOOR)  
01 SCALE: 1/16" = 1'-0"



KEYPLAN

IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
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Drawn By: C.G.  
Job No: 22090  
Sheet:

E2.01

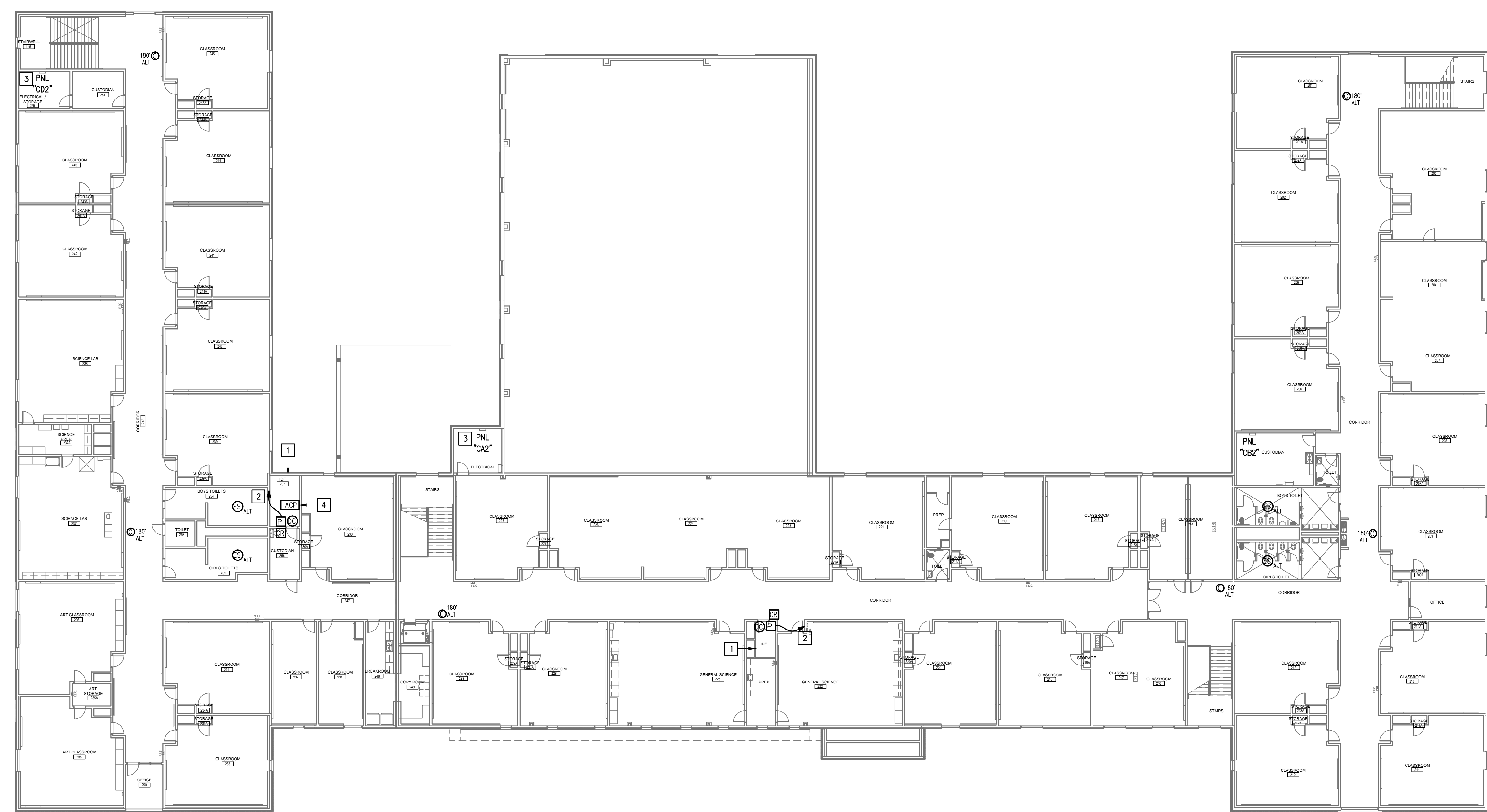


**GENERAL NOTES:**

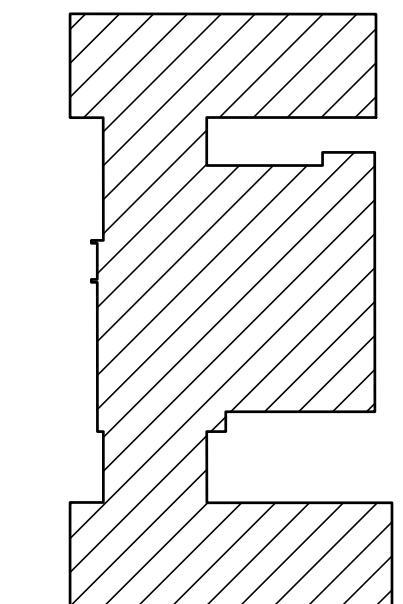
1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (W/REMOVAL).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
7. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

1. EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
2. CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
3. APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
4. PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



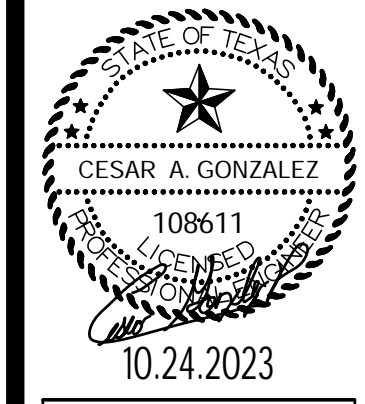
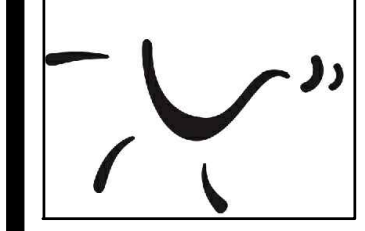
01 IDEA OWASSA  
 TECHNOLOGY PLAN (SECOND FLOOR)  
 SCALE : 1/16" = 1'-0"  
 PLAN NORTH



KEYPLAN

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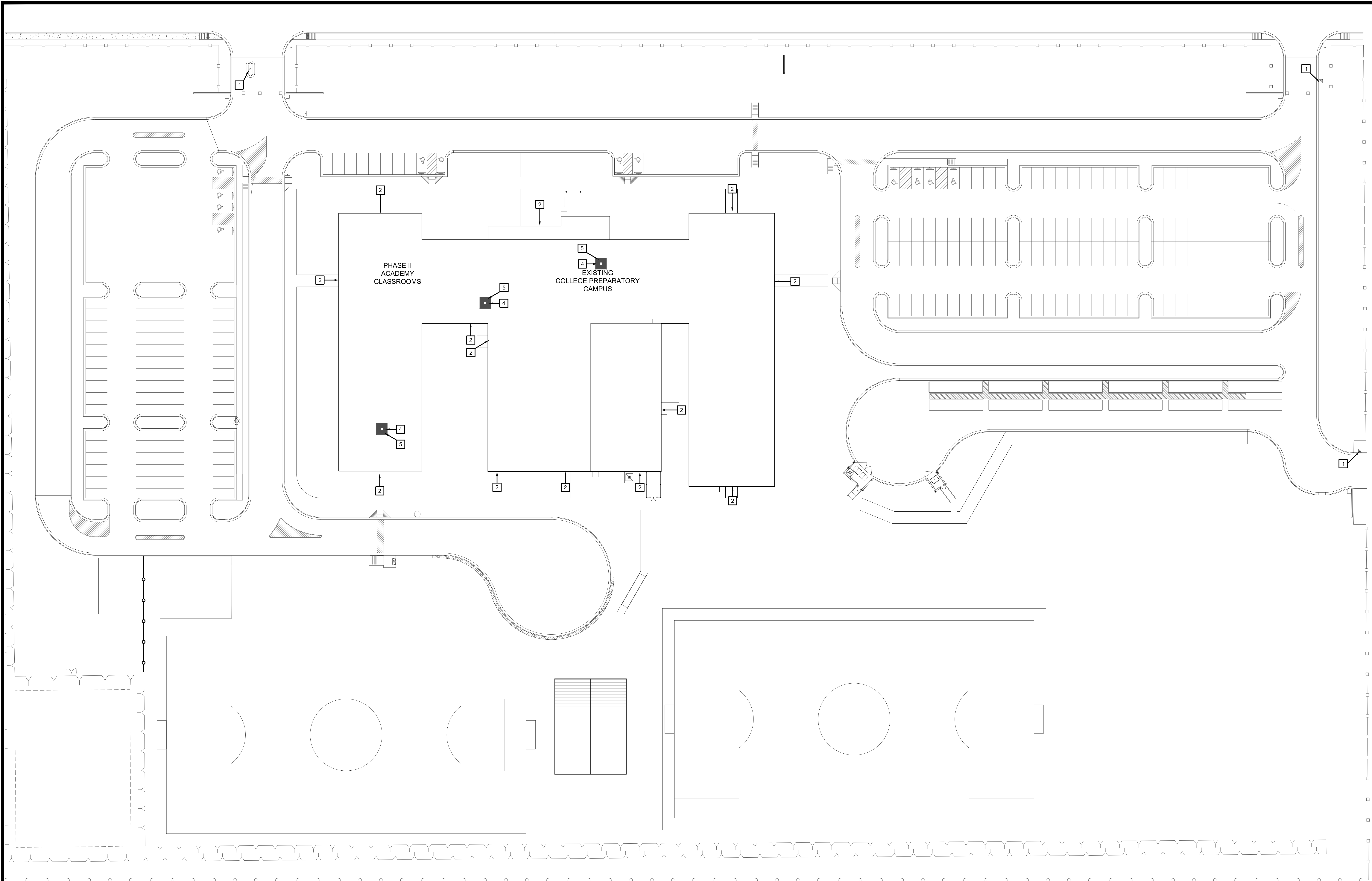


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 Drawn By: C.G.  
 Job No: 22V90  
 Sheet:



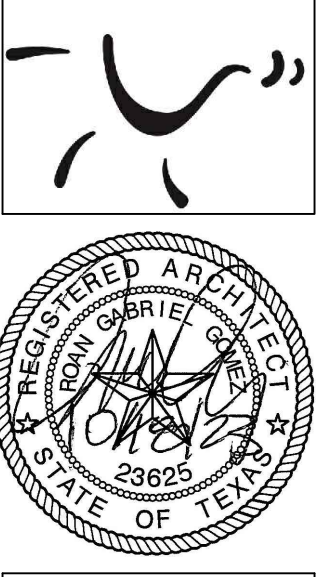




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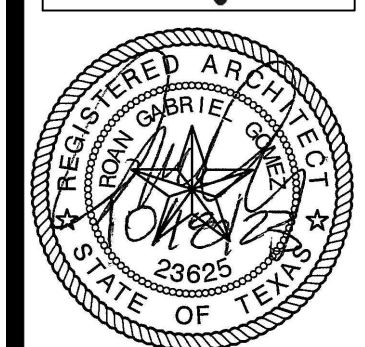
**IDEA PUBLIC SCHOOLS**  
**IDEA SECURITY IMPROVEMENTS**  
 RIO GRANDE CITY, TEXAS



**01 OVERALL SITE PLAN**  
 SCALE 1" = 30'-0"

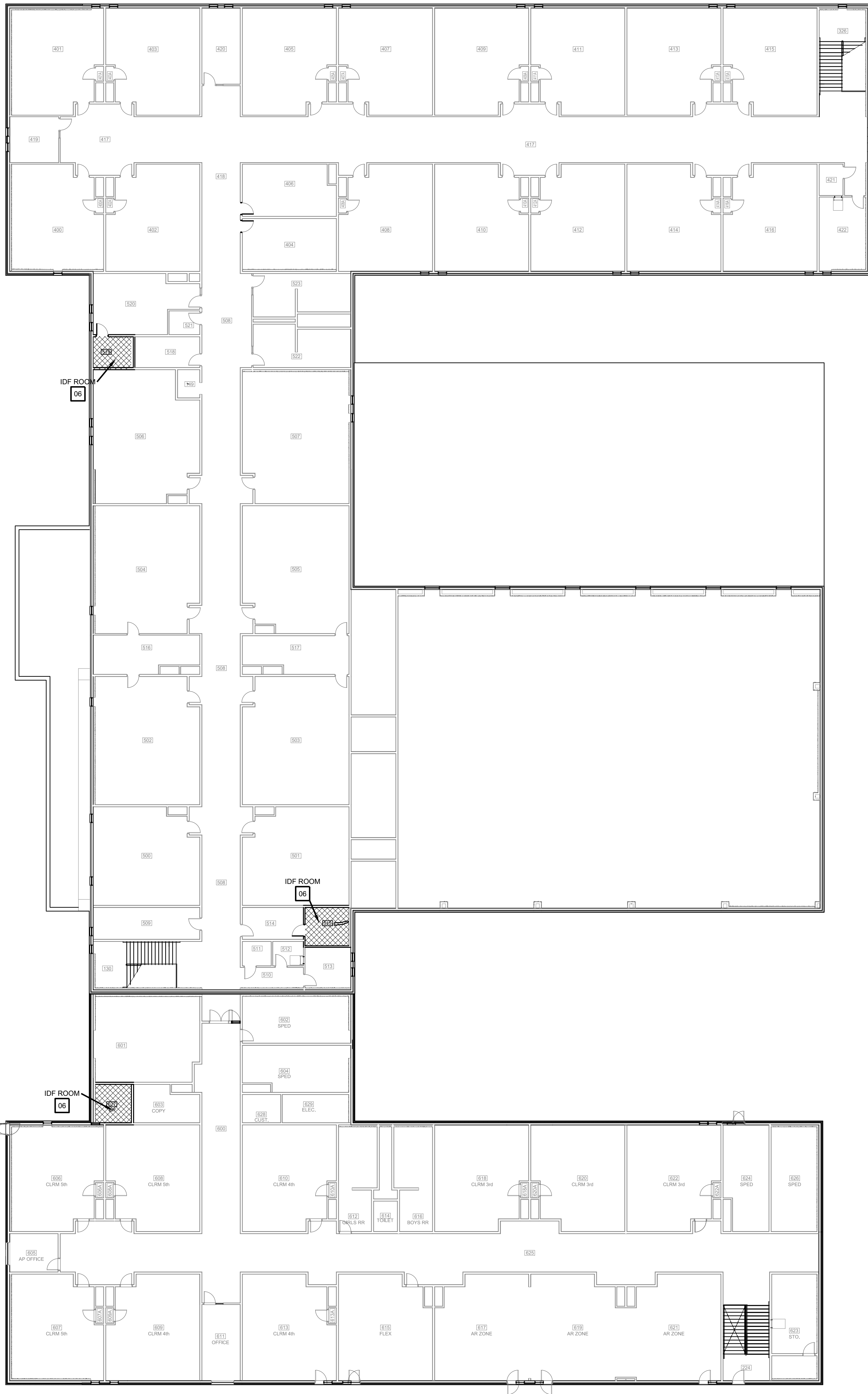
- SITE PLAN KEY NOTES:**
- 1 GATE VIDEO ACCESS WITH CARD READER
  - 2 EXTERIOR ACCESS DOOR WITH CARD READER
  - 3 EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4 INTERIOR NETWORKING DOOR WITH CARD READER
  - 5 NETWORK IDF/MDF ROOM LOCATIONS

IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 RIO GRANDE CITY, TEXAS

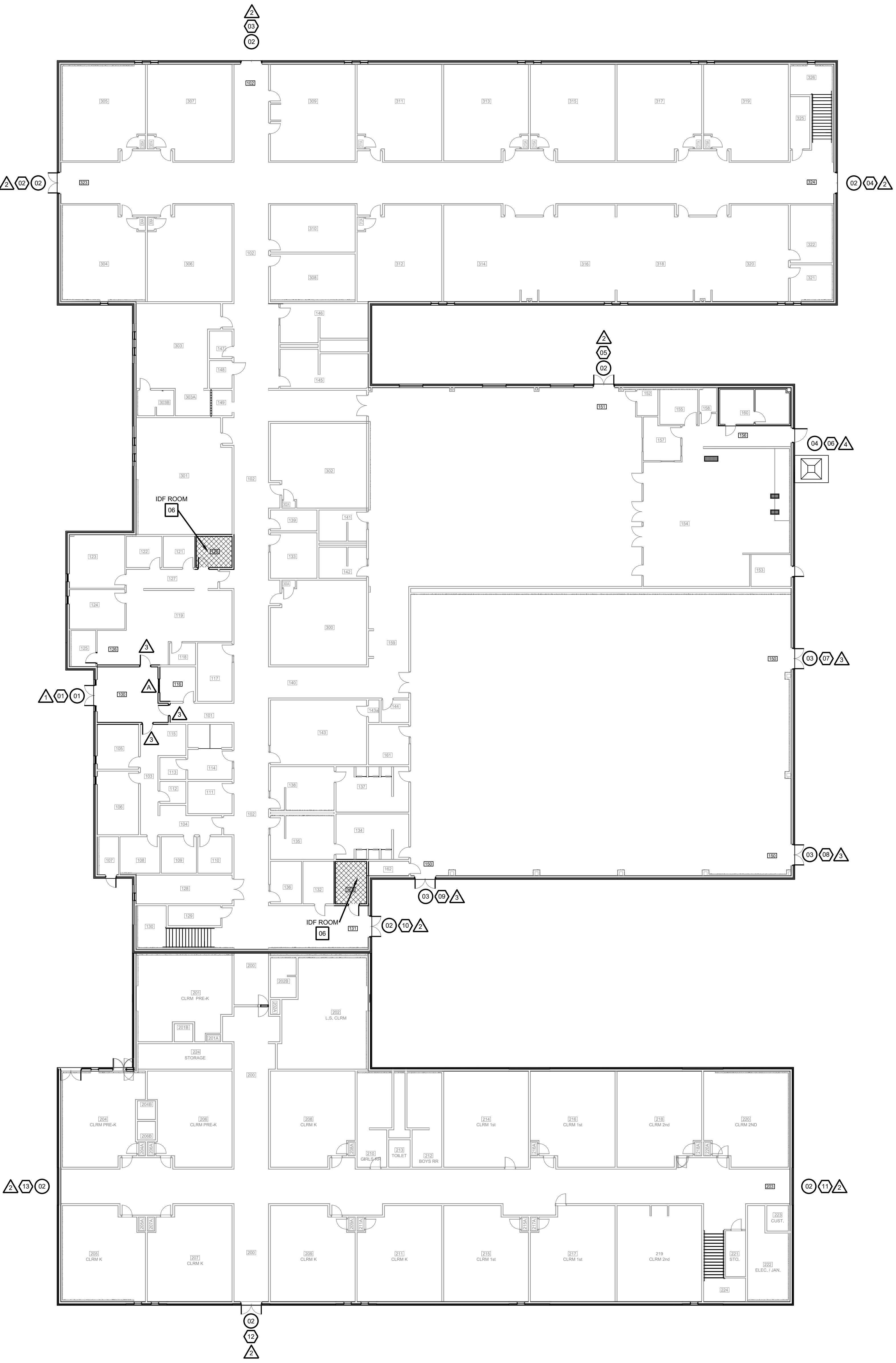


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 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet: IDEA SECURITY

IDEA RIO GRANDE CITY A2.00

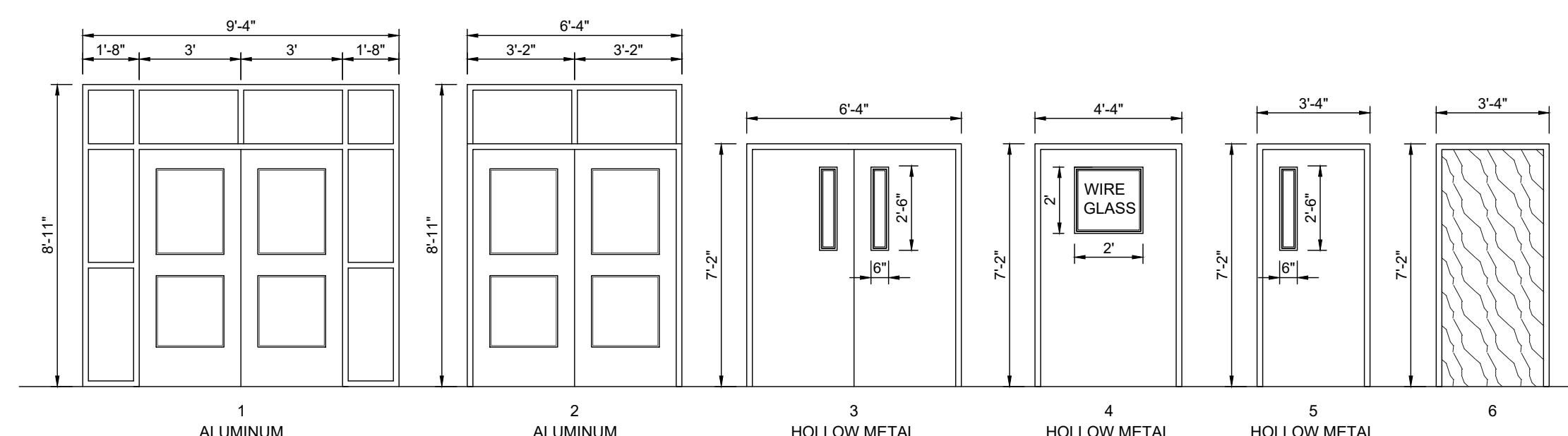


PLAN NORTH  
 SECOND FLOOR  
 02 OVERALL FLOOR PLAN  
 SCALE: 1/16" = 1'-0"

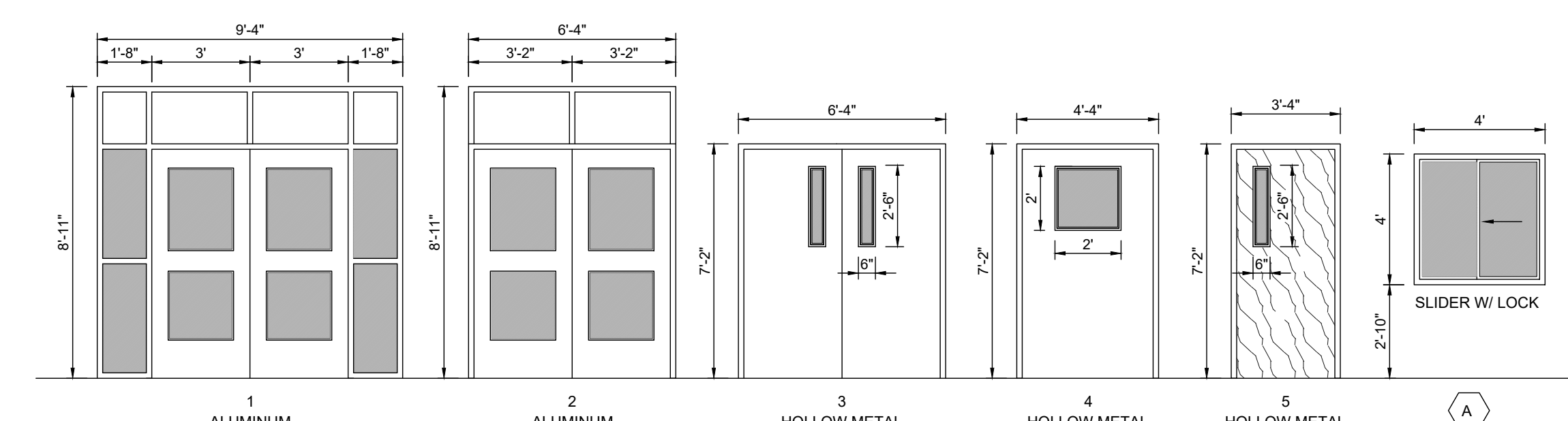


**SYMBOL LEGEND**  
 (A) ACCESS DOOR NUMBERING  
 (S) SECURITY DOOR HARDWARE  
 (X) IDF ACCESS HARDWARE  
 (Δ) SECURITY FILM

PLAN NORTH  
 FIRST FLOOR  
 01 OVERALL FLOOR PLAN  
 SCALE: 1/16" = 1'-0"



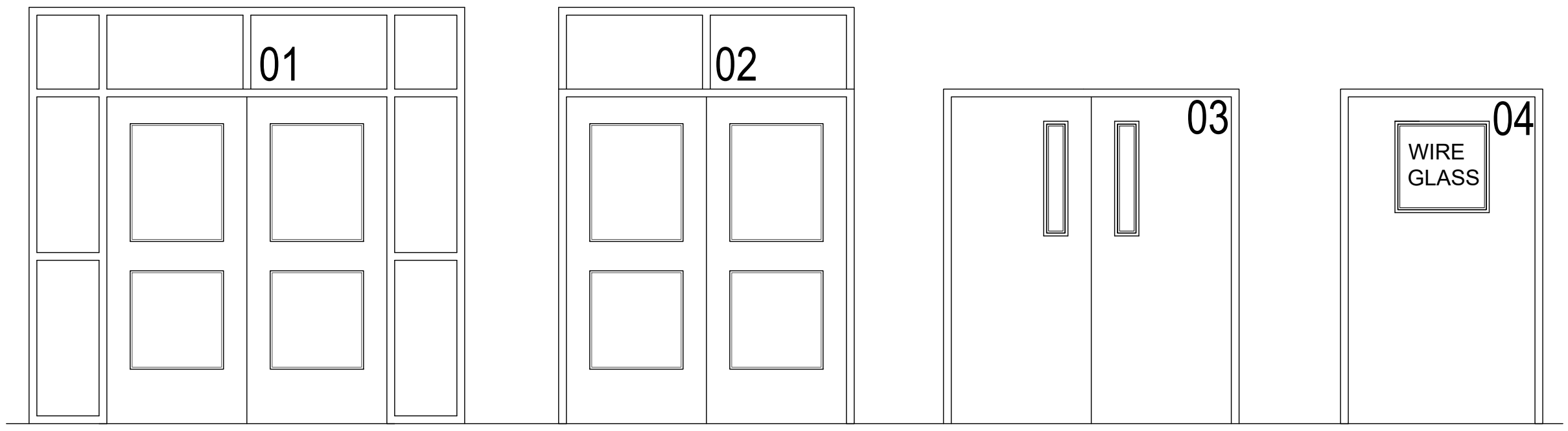
ACCESS CONTROL  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"



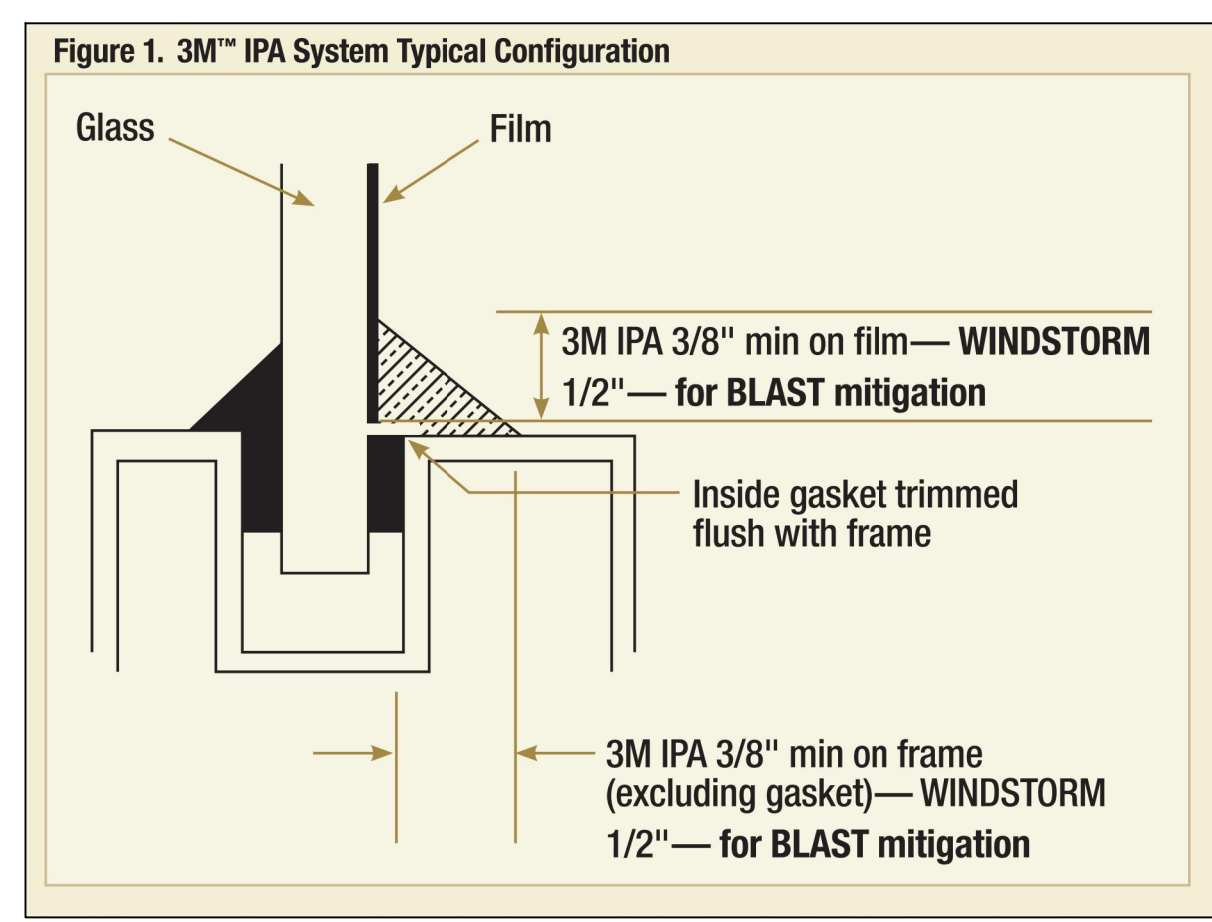
SECURITY FILM  
**DOOR / FRAME ELEVATIONS**  
SCALE 1/4" = 1'-0"

ACCESS CONTROL - DOOR SCHEDULE											
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS		
		MATL.	W	H	T	MATL.	W			H	T
100	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	9'-4"	8'-11"	4-1/2"	A	
323	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
102	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
324	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
151	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
156	04	HM	4'-2"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	D	
150	03	HM	PR - 3'-2"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
150	03	HM	PR - 3'-2"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
150	03	HM	PR - 3'-2"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
131	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
203	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
200	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
203	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
120	06	SC	3'-4"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
163	06	SC	3'-4"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
519	06	SC	3'-4"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
515	06	SC	3'-4"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM
627	06	SC	3'-4"	7'-0"	1-3/4"	HM	3'-4"	7'-2"	5-3/4"	F	IDF ROOM

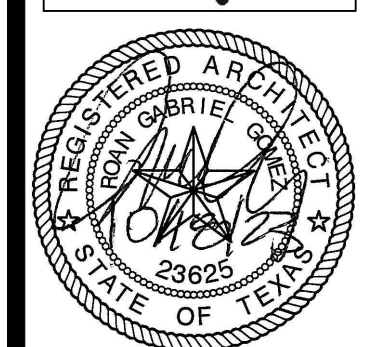
WINDOW FILM - DOOR / WINDOW SCHEDULE											
BLDG	FRAME NO.	DOOR			FRAME			REMARKS			
		MATL.	W	H	T	MATL.	W		H	T	
100	01	ALUM.	PR - 3'-0"	7'-0"	1-3/4"	ALUM.	9'-4"	8'-11"	4-1/2"	A	
323	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
102	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
324	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
151	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
156	04	HM	4'-4"	7'-0"	1-3/4"	HM	4'-4"	7'-2"	5-3/4"	D	
150	03	HM	PR - 3'-2"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
150	03	HM	PR - 3'-2"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
150	03	HM	PR - 3'-2"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
131	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
150	03	HM	PR - 3'-2"	7'-0"	1-3/4"	HM	6'-4"	7'-2"	5-3/4"	B	
203	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
200	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
203	02	ALUM.	PR - 3'-2"	7'-0"	1-3/4"	ALUM.	6'-4"	8'-11"	4-1/2"	A	
128	03					HM	6'-4"	7'-2"	5-3/4"		
101	03					HM	6'-4"	7'-2"	5-3/4"		
115	03					HM	6'-4"	7'-2"	5-3/4"		
116	A					ALUM.	4'-0"	4'-0"	4'-1/2"		

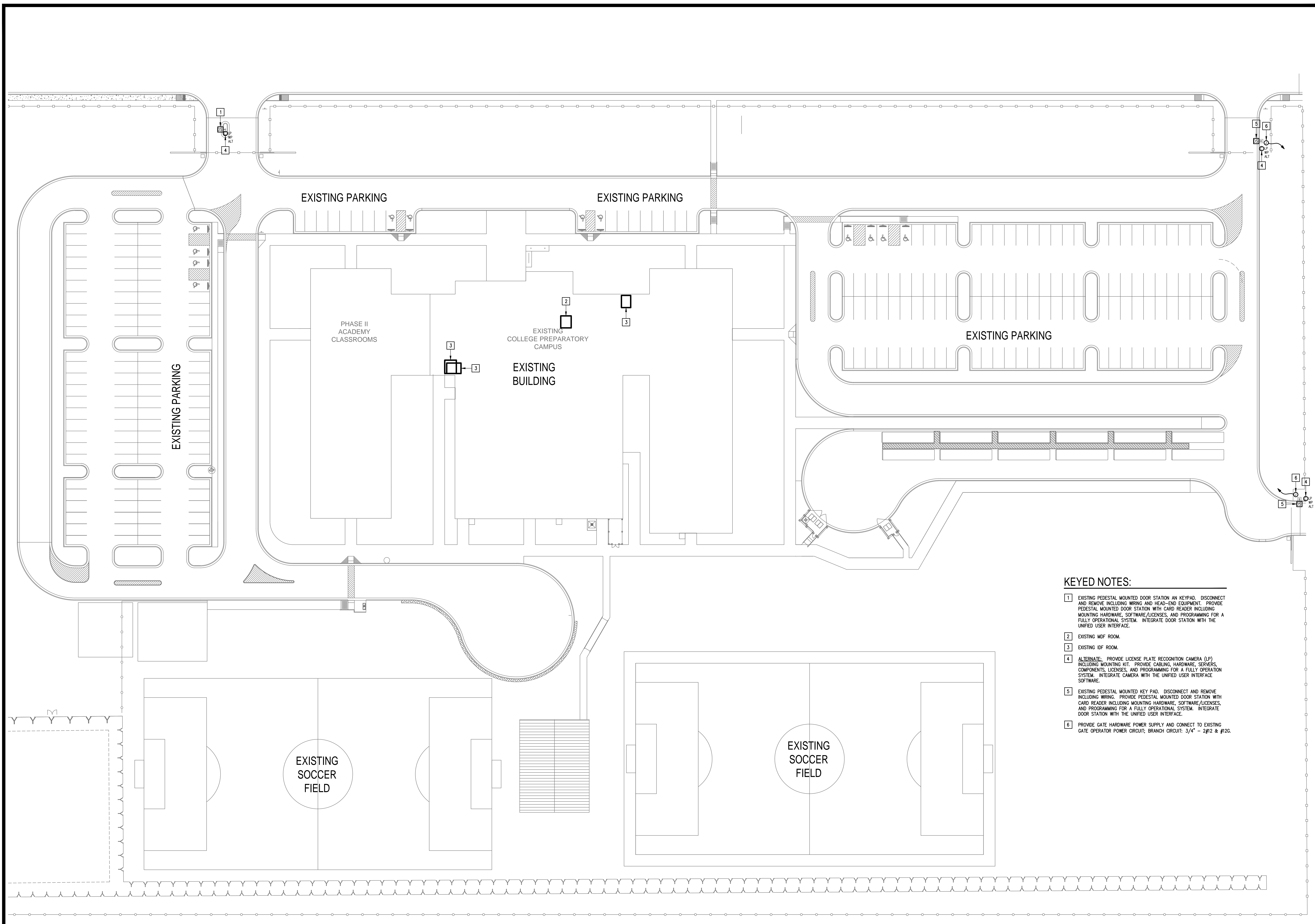


**02 DOOR NUMBER LOCATION**  
ALL LETTERS ARE SHALL BE 6" TALL VINYL WITH REFLECTIVE FINISH.  
REFER TO A2.00 SERIES FOR DOOR LOCATIONS AND NUMBERING SEQUENCE  
ACCESS DOOR NUMBERING (XX)



**01 FILM DETAIL**  
NOT TO SCALE





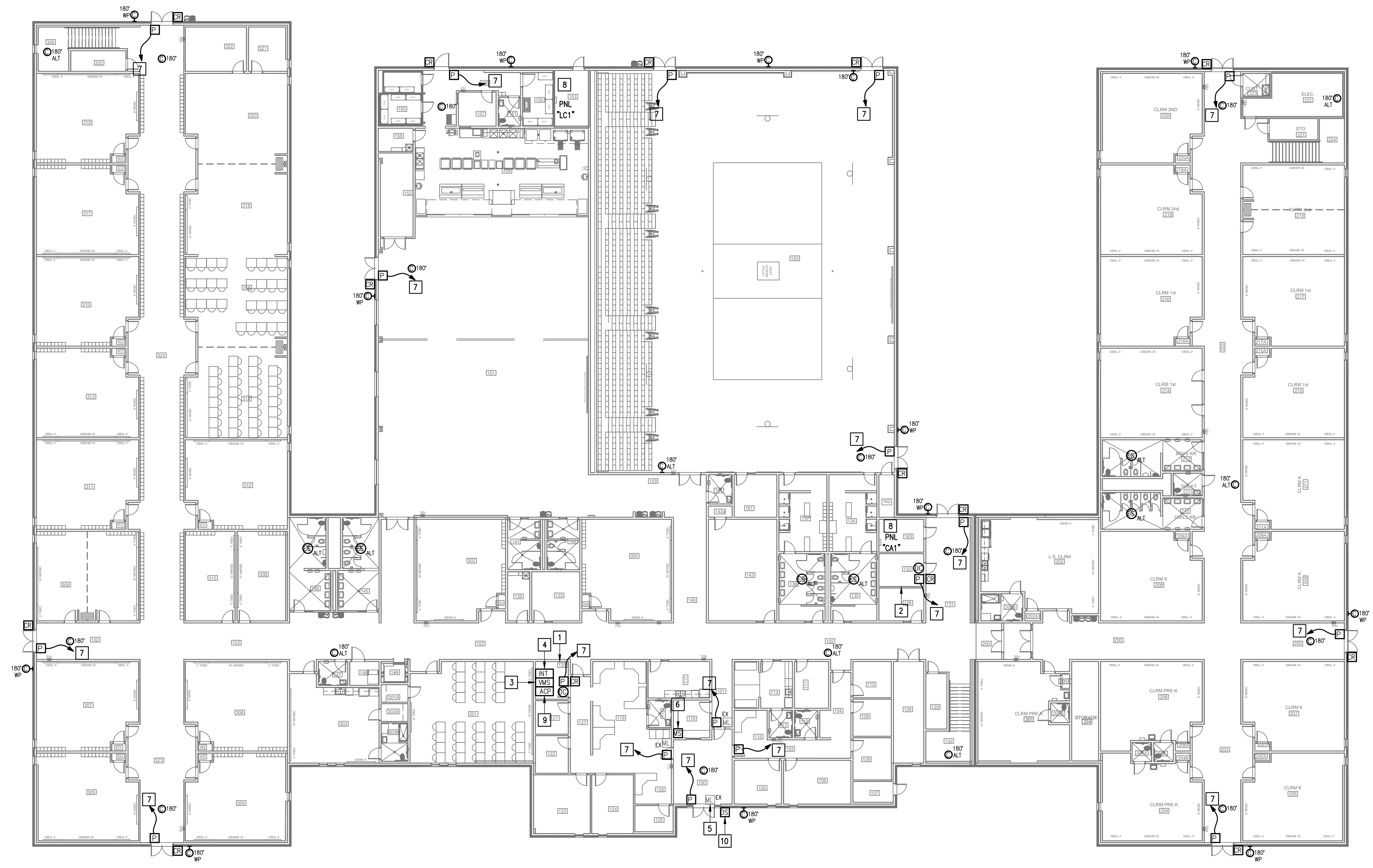
- KEYED NOTES:**
- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AN KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 2 EXISTING MDF ROOM.
  - 3 EXISTING IDF ROOM.
  - 4 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATION SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
  - 5 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
  - 6 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT; BRANCH CIRCUIT: 3/4" - 2#12 & #12G.

**GENERAL NOTES:**

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND FULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL GEM-P9600.
- EXISTING MAGNETIC LOCK. TO REMAIN AS IS - TYPICAL.
- EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- EXISTING WALL MOUNTED DOOR STATION. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.



IDEA RIO GRANDE CITY  
01 TECHNOLOGY PLAN (FIRST FLOOR)  
SCALE: 1/16" = 1'-0"  
PLAN NORTH

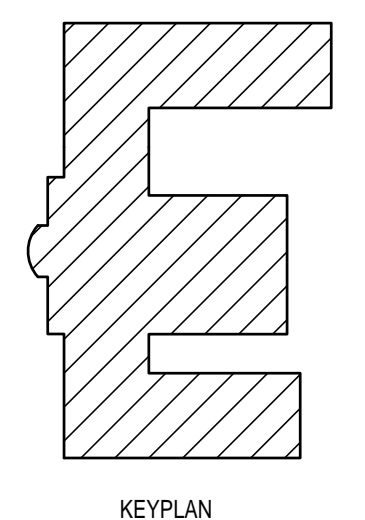
IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
RIO GRANDE CITY, TEXAS



10.24.2023  
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Interior Designers

Date: 10/24/2023  
Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 220/90  
Sheet:

E2.01



No.	REVISIONS	BY



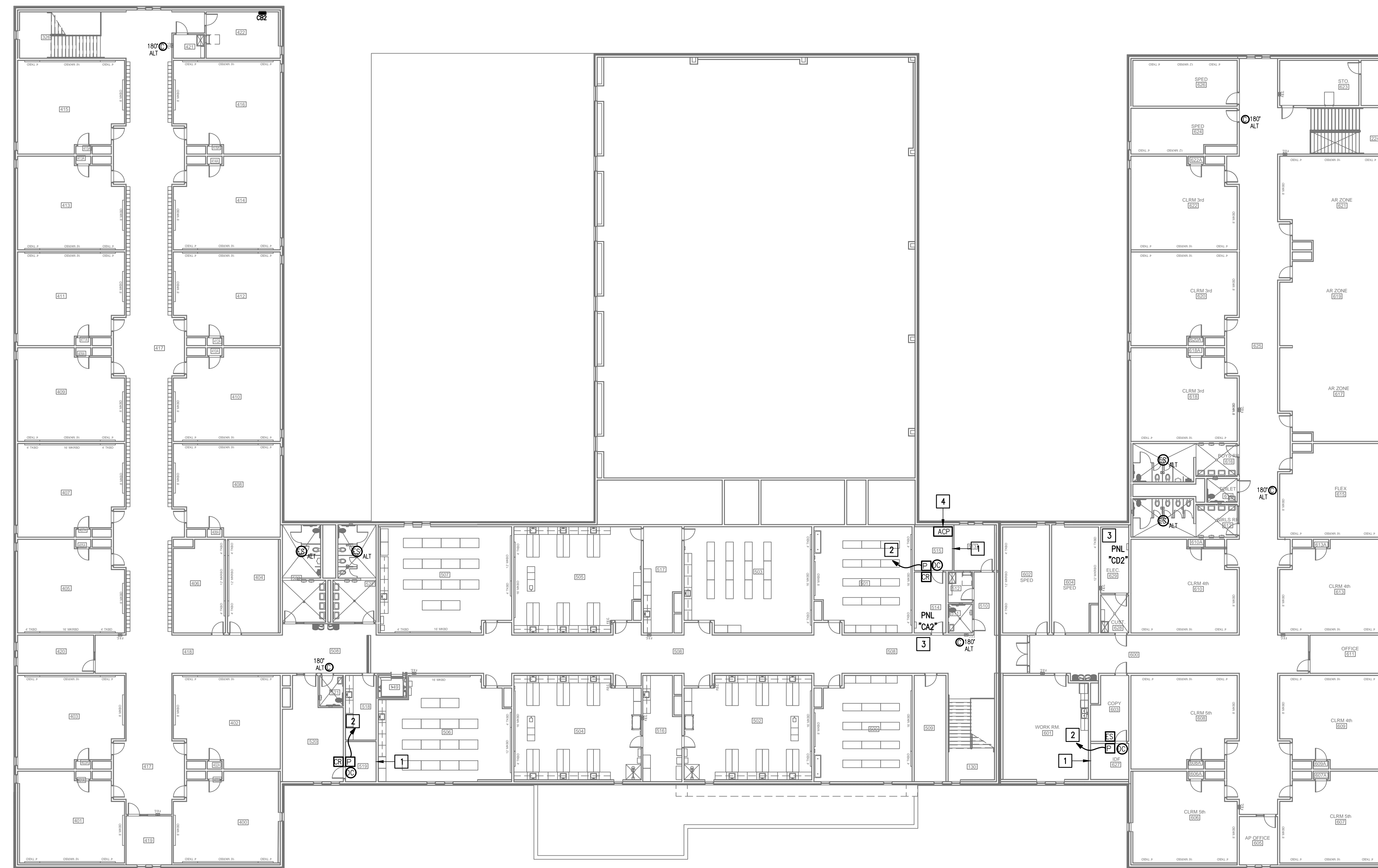
GMS ARCHITECTS  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

**GENERAL NOTES:**

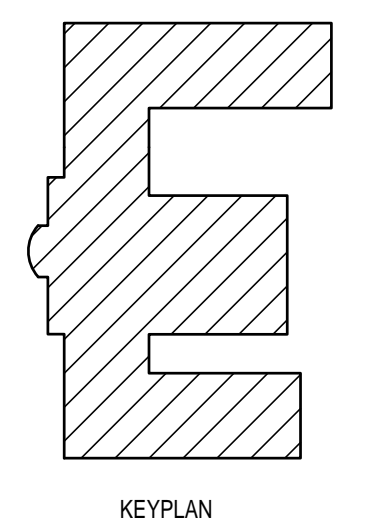
- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



01 IDEA RIO GRANDE CITY  
 TECHNOLOGY PLAN (SECOND FLOOR)  
 SCALE: 1/16" = 1'-0"



KEYPLAN



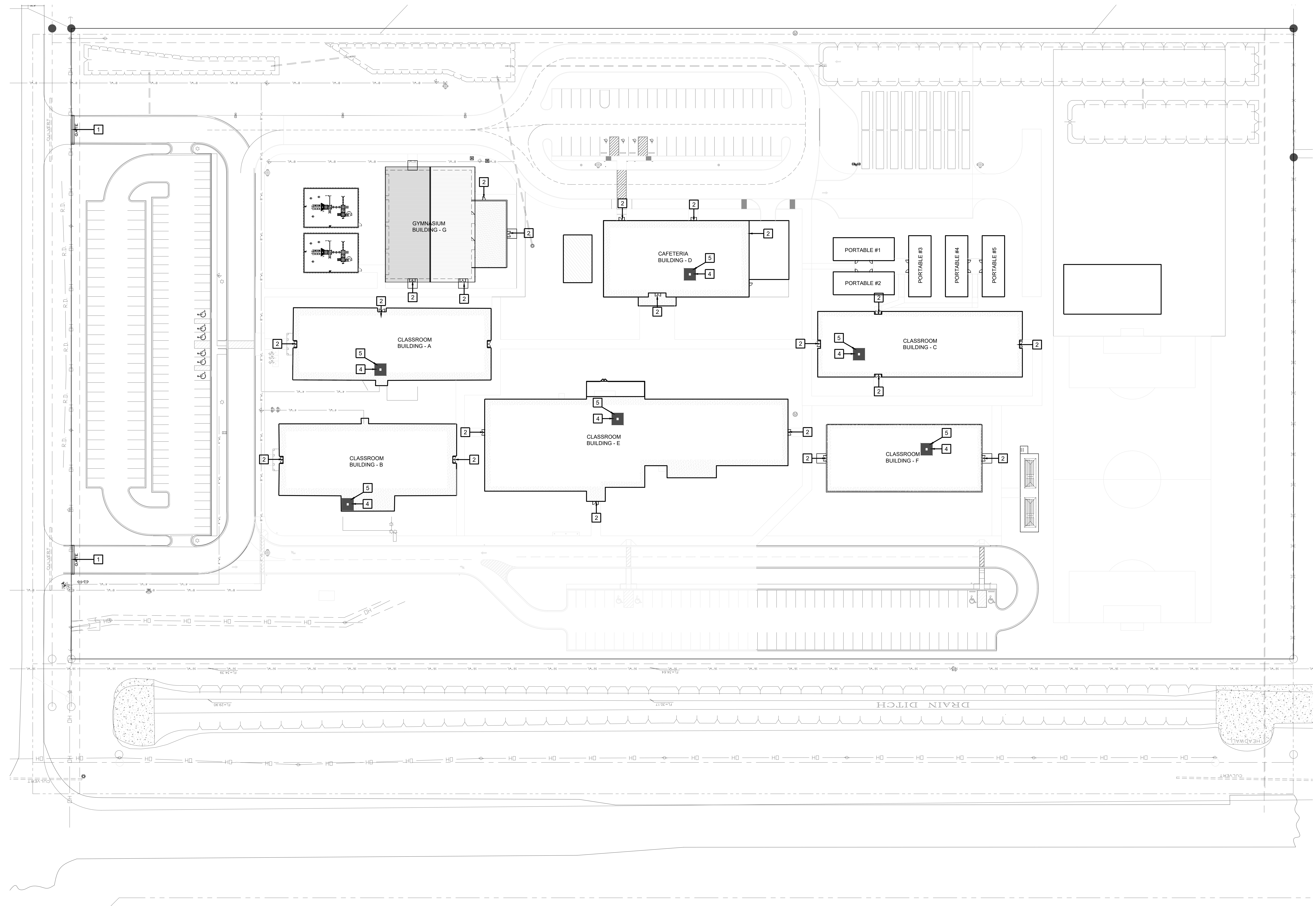
10.24.2023

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Date: 10/24/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: C.G.  
 Job No.: 22090  
 Sheet:



E2.02

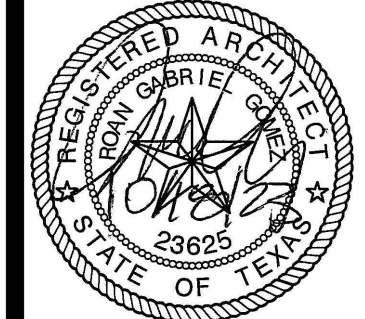


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**SECURITY IMPROVEMENTS**  
 SAN BENITO, TEXAS



**01 OVERALL SITE PLAN**   
 SCALE 1" = 40'-0"

- SITE PLAN KEY NOTES:**
- 1** GATE VIDEO ACCESS WITH CARD READER
  - 2** EXTERIOR ACCESS DOOR WITH CARD READER
  - 3** EXTERIOR NETWORKING DOOR WITH CARD READER
  - 4** INTERIOR NETWORKING DOOR WITH CARD READER
  - 5** NETWORK IDF/MDF ROOM LOCATIONS



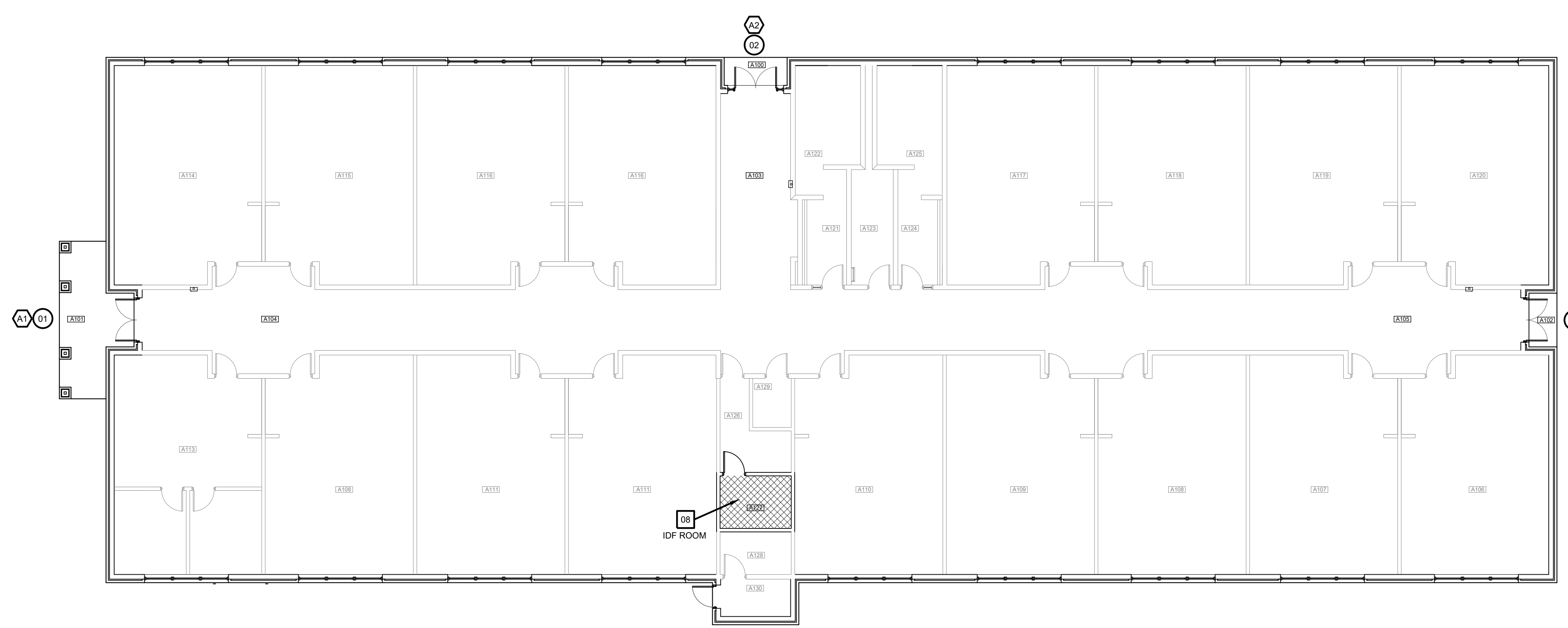
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 Interior Designers  
 Date: 01/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

No.	REVISIONS	BY

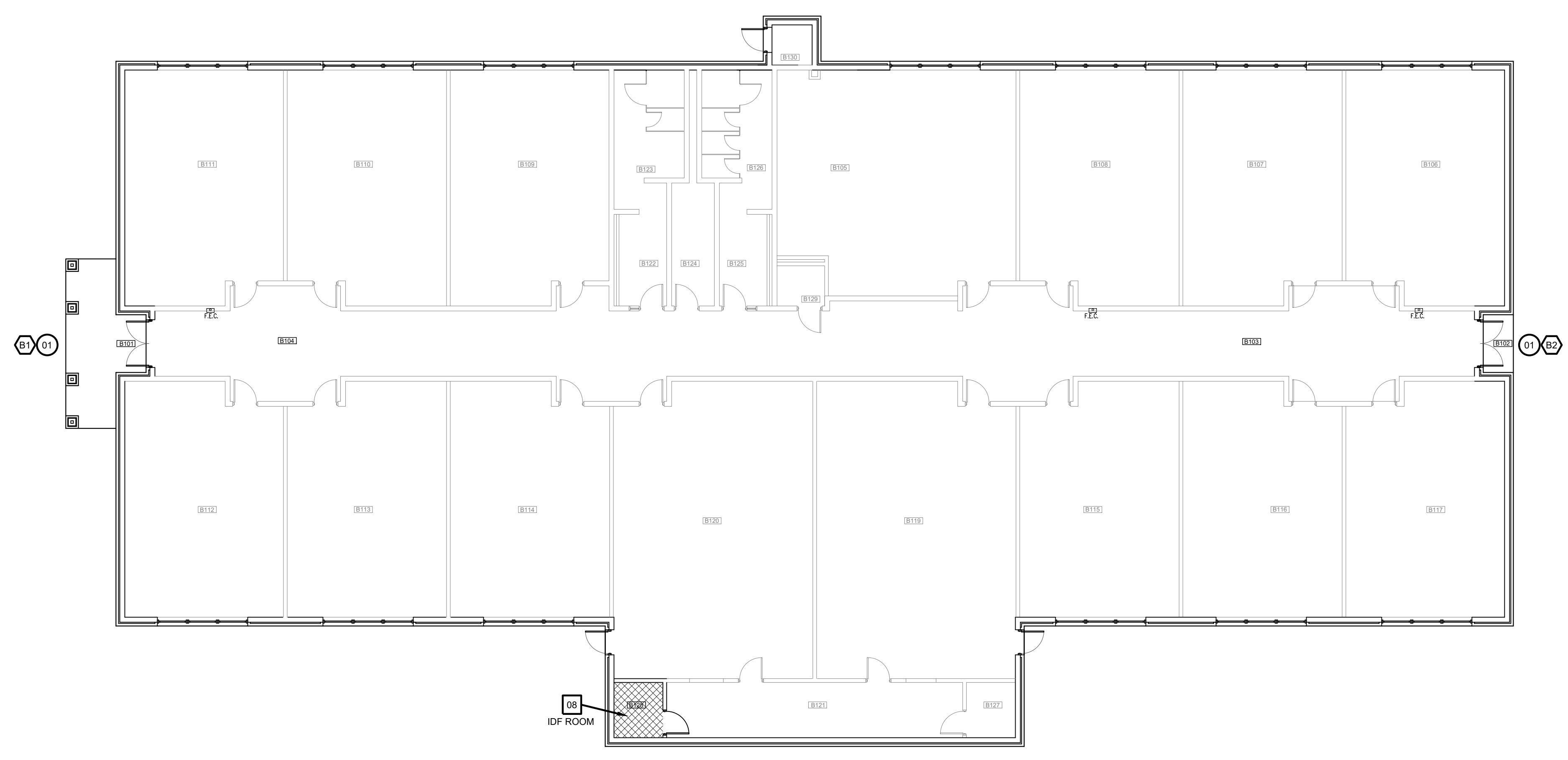
GMS ARCHITECTS  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

**SYMBOL LEGEND**

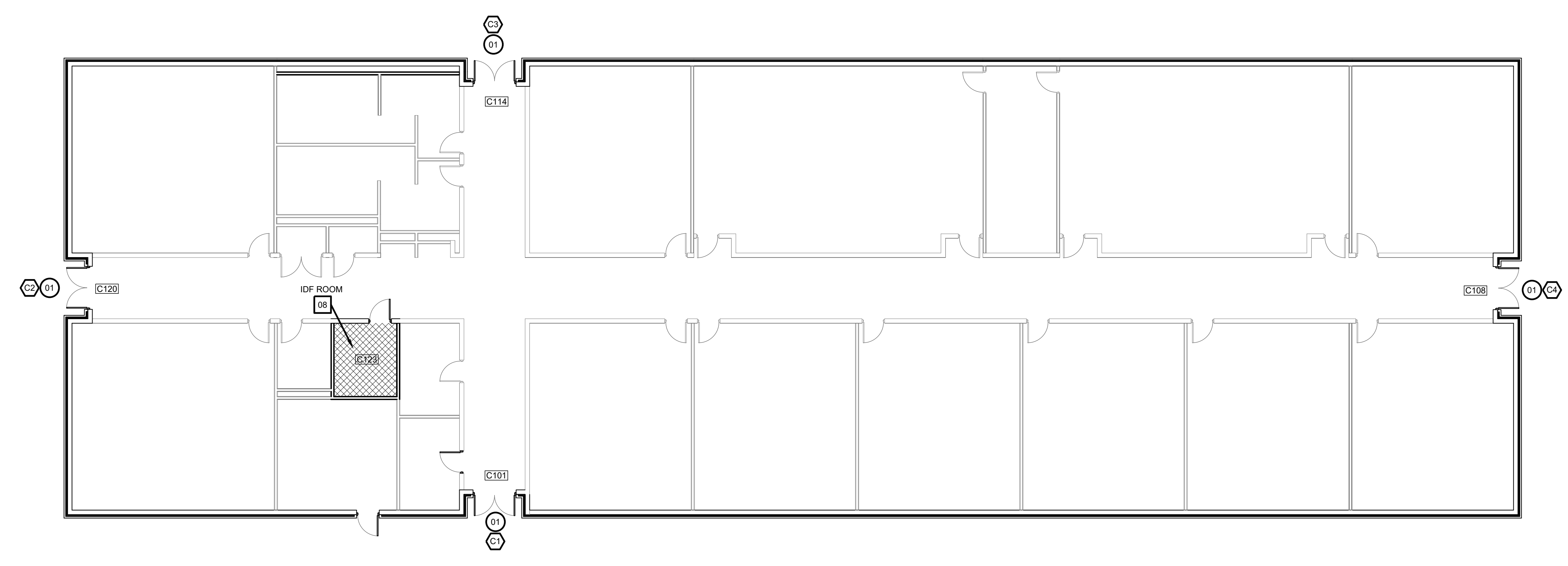
- ⓧ ACCESS DOOR NUMBERING
- ⓧ SECURITY DOOR HARDWARE
- ⓧ IDF ACCESS HARDWARE
- △ SECURITY FILM



BUILDING A  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

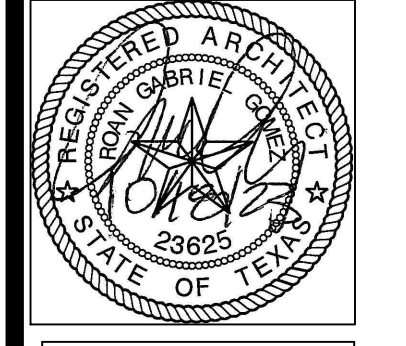
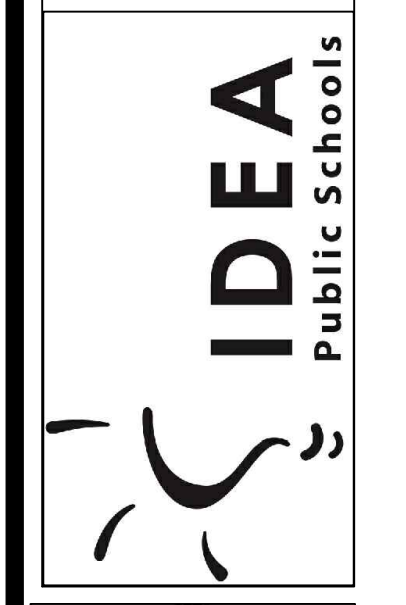


BUILDING B  
**02 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



BUILDING C  
**03 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

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**SECURITY IMPROVEMENTS**  
 SAN BENITO, TEXAS







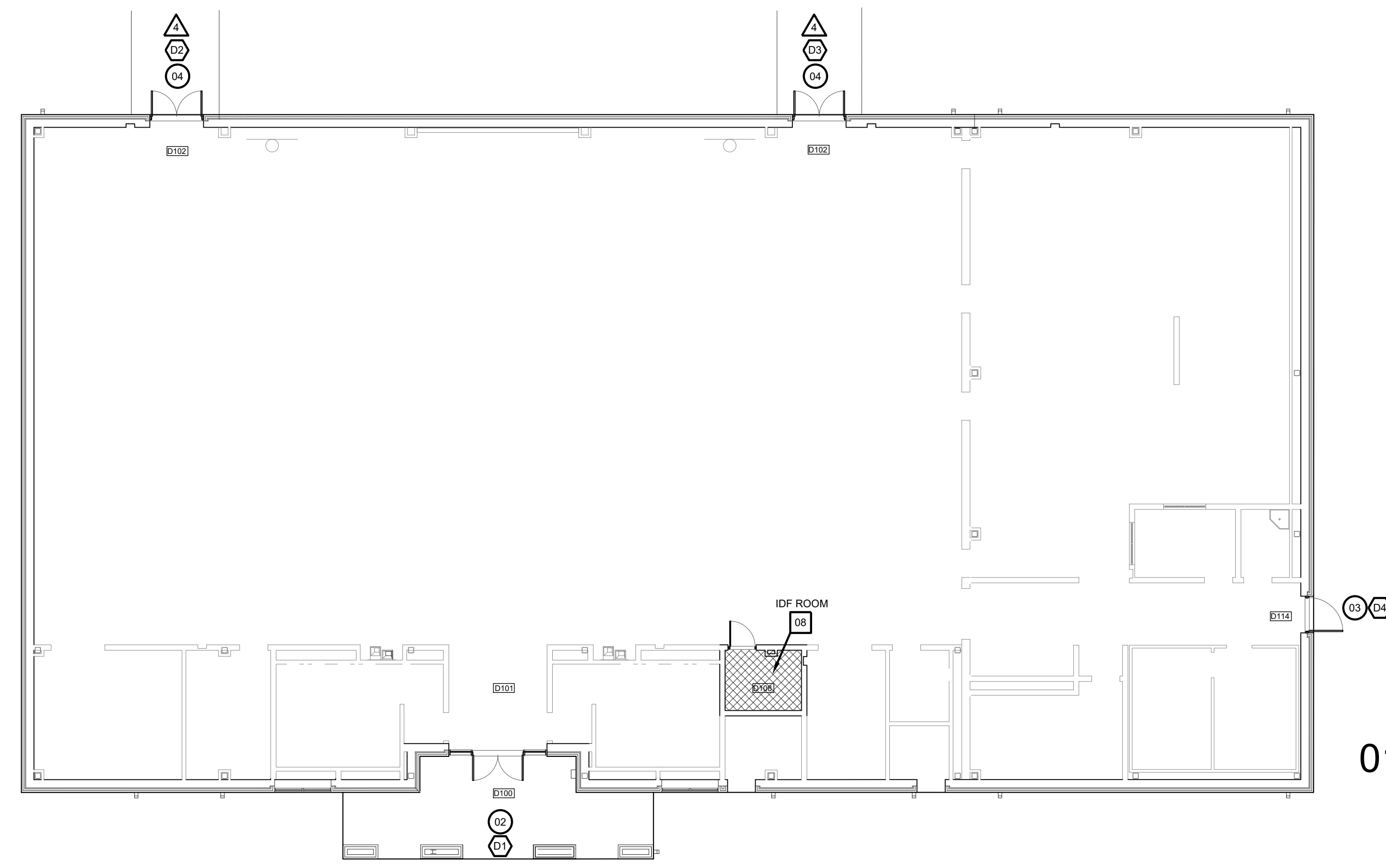
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 Date: 01/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet: IDEA SECURITY

Oct 18, 2023 - 1:09pm C:\Users\rgg\AppData\Local\Temp\AcPublish\_38972\A2.00.dwg



**SYMBOL LEGEND**

-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM




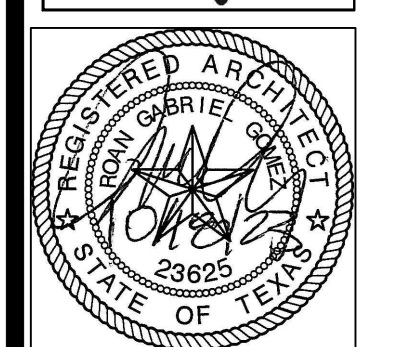
**BUILDING D**  
**01 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



**BUILDING E**  
**02 FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"





**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 SAN BENITO, TEXAS

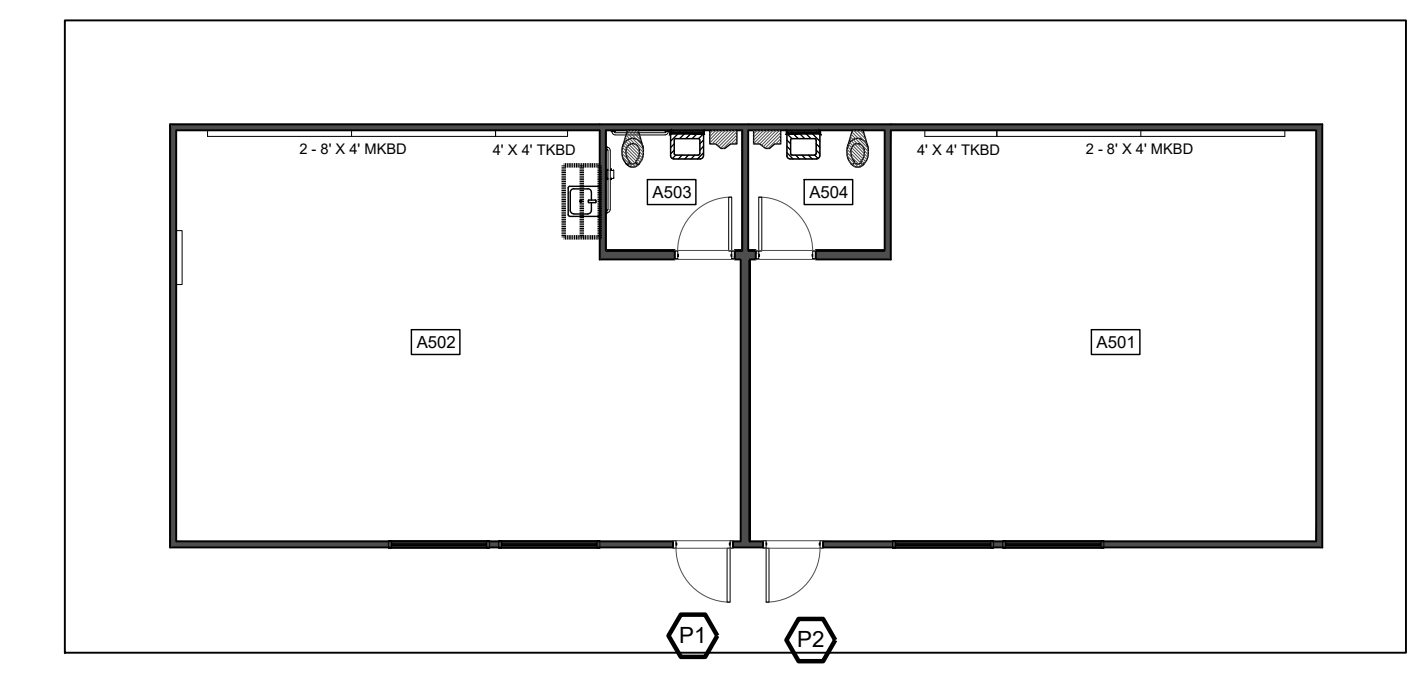
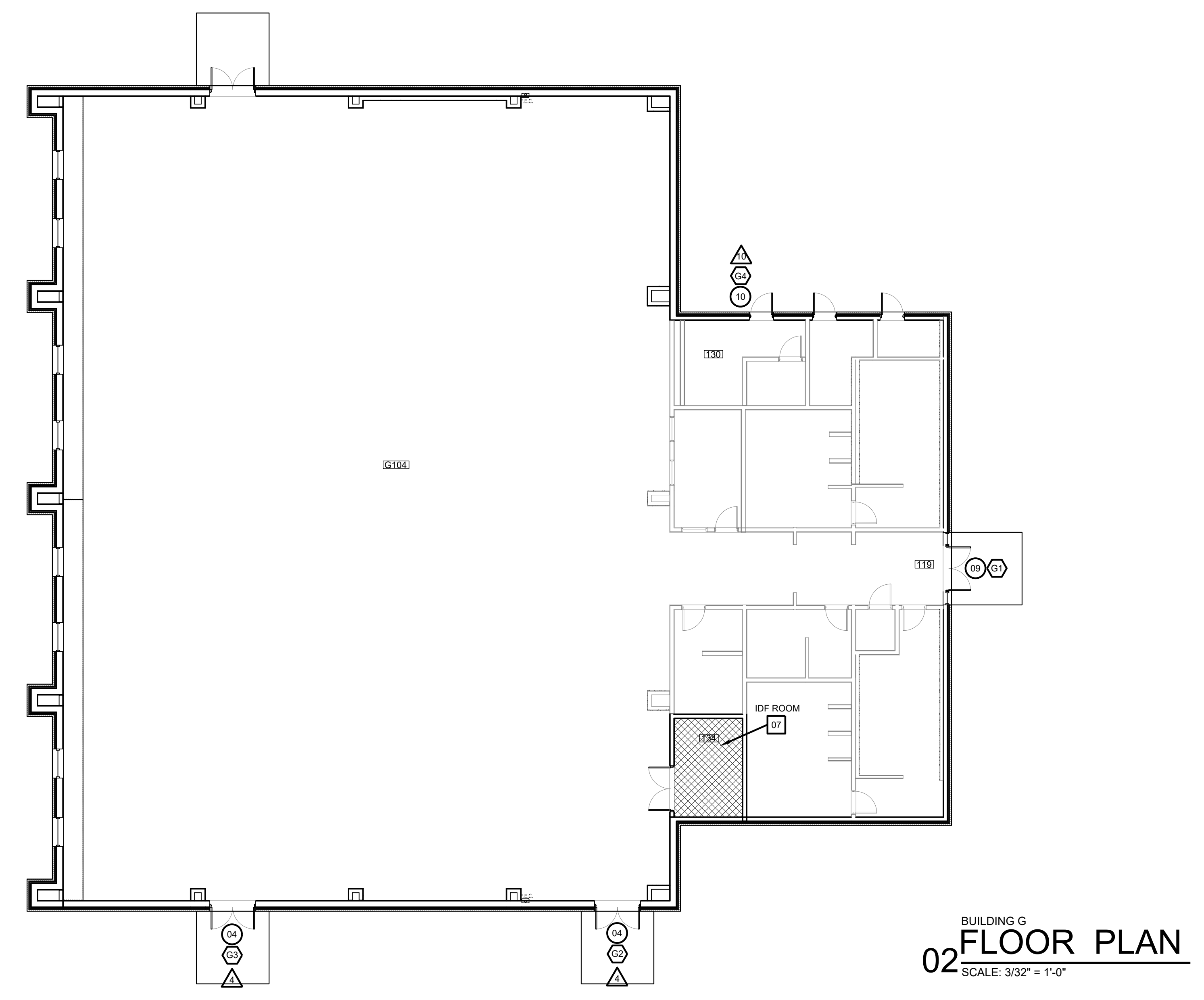
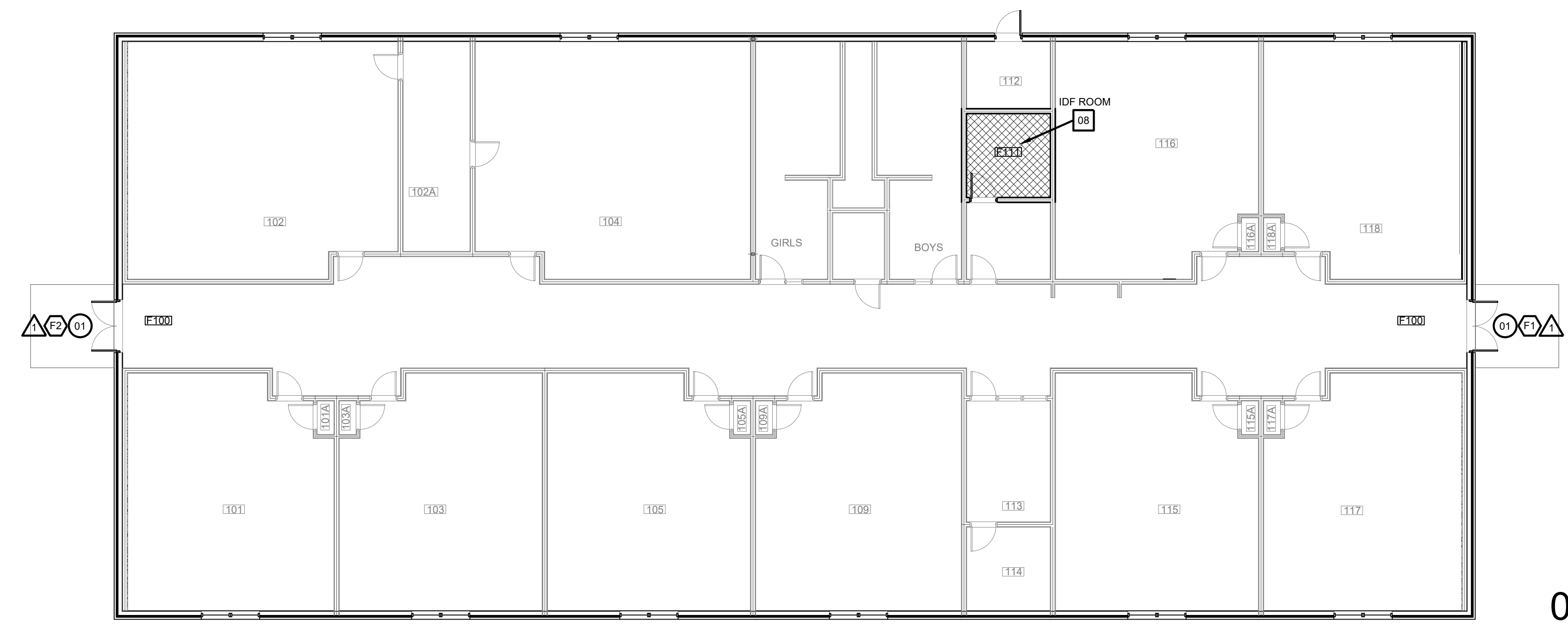




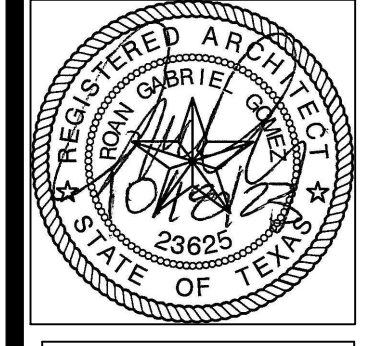
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 Interior Designers  
 Date: 01/2023  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:

**SYMBOL LEGEND**

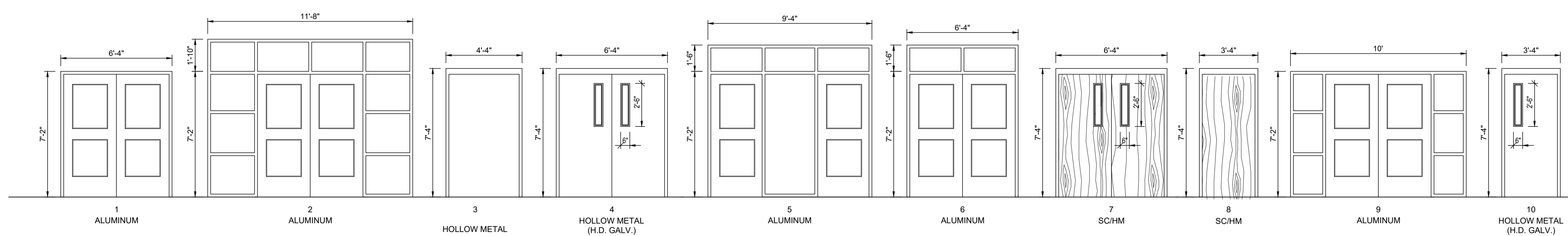
-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM



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 SAN BENITO, TEXAS



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 Job No: IDEA SECURITY  
 Sheet:

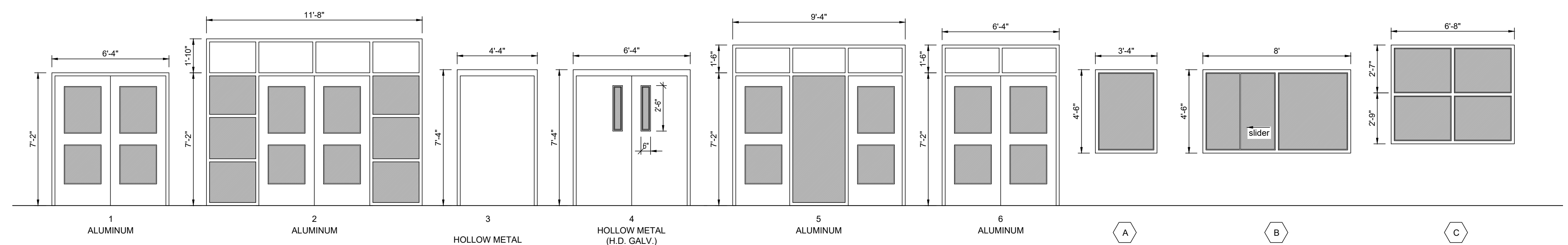


ACCESS CONTROL  
DOOR / FRAME ELEVATIONS

SCALE 1/4" = 1'-0"

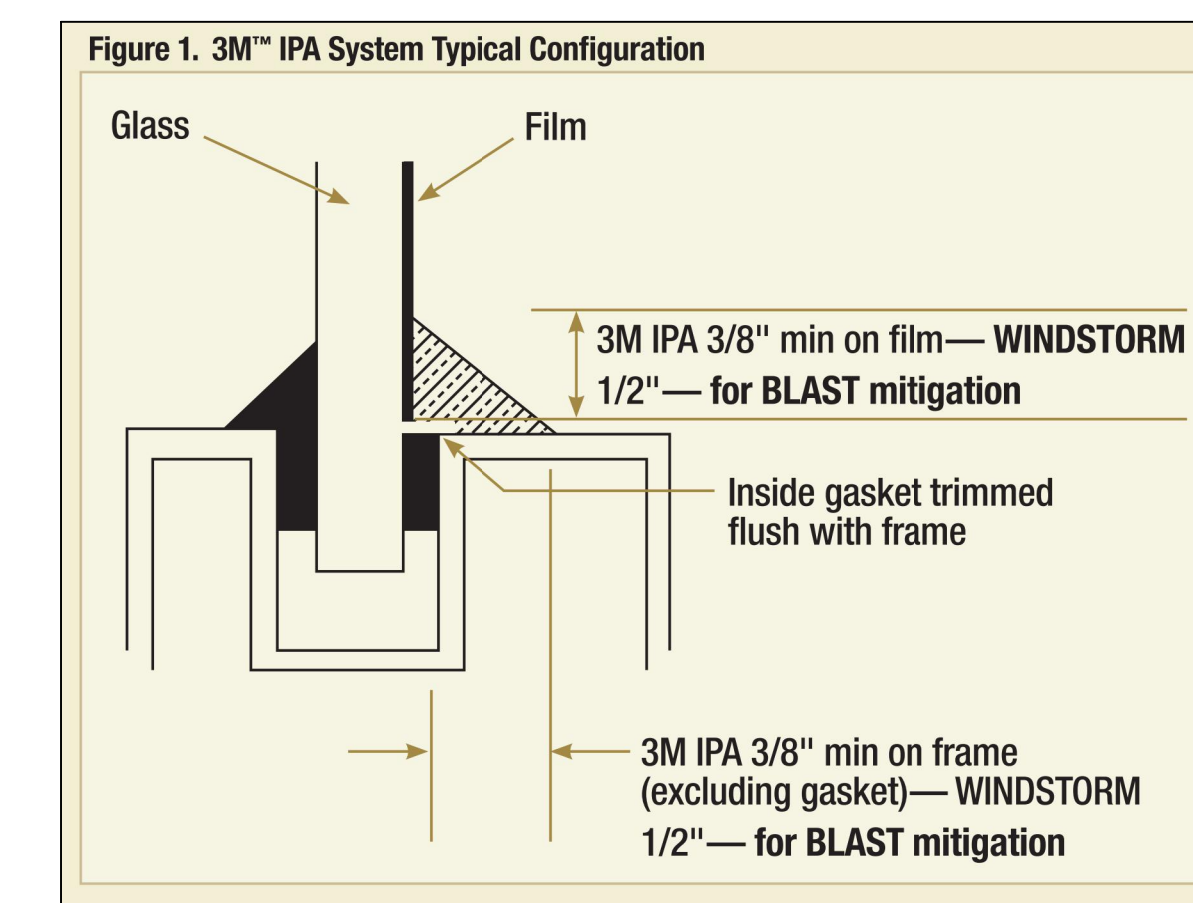
BLDG	DOOR NO.	DOOR			FRAME			HDWR	REMARKS	
		MATL.	W	H	MATL.	W	H			
A-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
A-100	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-8"	9'-0"	A	
A-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
A-127	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	F	IDF ROOM
B-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
B-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
B-128	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	F	IDF ROOM
C-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
C-108	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
C-114	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
C-120	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
C-123	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	F	IDF ROOM
D-100	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-8"	9'-0"	A	
D-114	03	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-2"	D	
D-102	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B	
D-102	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B	
D-108	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	F	IDF ROOM
E-101	05	ALUM.	(2) - 3'-0"	7'-0"	1 3/4"	ALUM.	9'-4"	8'-8"	(2)-C	
E-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
E-103	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
E-117	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	F	IDF ROOM
F-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
F-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A	
F-111	08	SC	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-2"	F	IDF ROOM
G-119	09	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	7'-2"	A	
G-104	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B	
G-104	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B	
G-104	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B	
G-130	10	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-4"	E	
G-134	07	SC	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	G	IDF ROOM

BLDG	FRAME NO.	DOOR			FRAME			REMARKS	
		MATL.	W	H	MATL.	W	H		
A-104	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
A-103	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
A-105	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
B-104	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
B-103	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
C-101	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
C-108	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
C-114	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
C-120	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
D-101	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	11'-8"	9'-0"	
D-114	03	HM	4'-0"	7'-0"	1 3/4"	HM	4'-4"	7'-4"	
D-102	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	
D-102	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	
E-101	05	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	9'-4"	8'-8"	
E-102	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
E-103	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	
E-101	A					ALUM.	3'-4"	4'-8"	4-1/2"
E-101	B					ALUM.	6'-2"	4'-8"	4-1/2"
E-101	C					ALUM.	6'-8"	5'-4"	4-1/2"
E-104	07	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-4"	
F-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A
F-100	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	A
G-119	09	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	10'-0"	7'-2"	A
G-104	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B
G-104	04	HM	PR - 3'-0"	7'-0"	1 3/4"	HM	6'-4"	7'-4"	B
G-130	10	HM	3'-0"	7'-0"	1 3/4"	HM	3'-4"	7'-4"	E

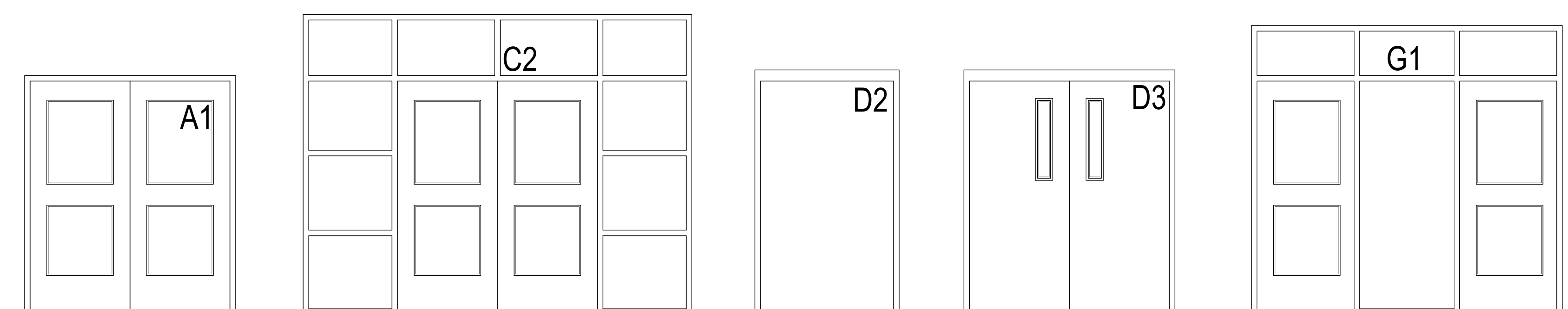


SECURITY FILM  
DOOR / FRAME ELEVATIONS

SCALE 1/4" = 1'-0"



01 FILM DETAIL  
NOT TO SCALE



02 DOOR NUMBER LOCATION

ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.  
REFER TO A2.00 SERIES FOR DOOR LOCATIONS AND NUMBERING SEQUENCE  
ACCESS DOOR NUMBERING (xx)



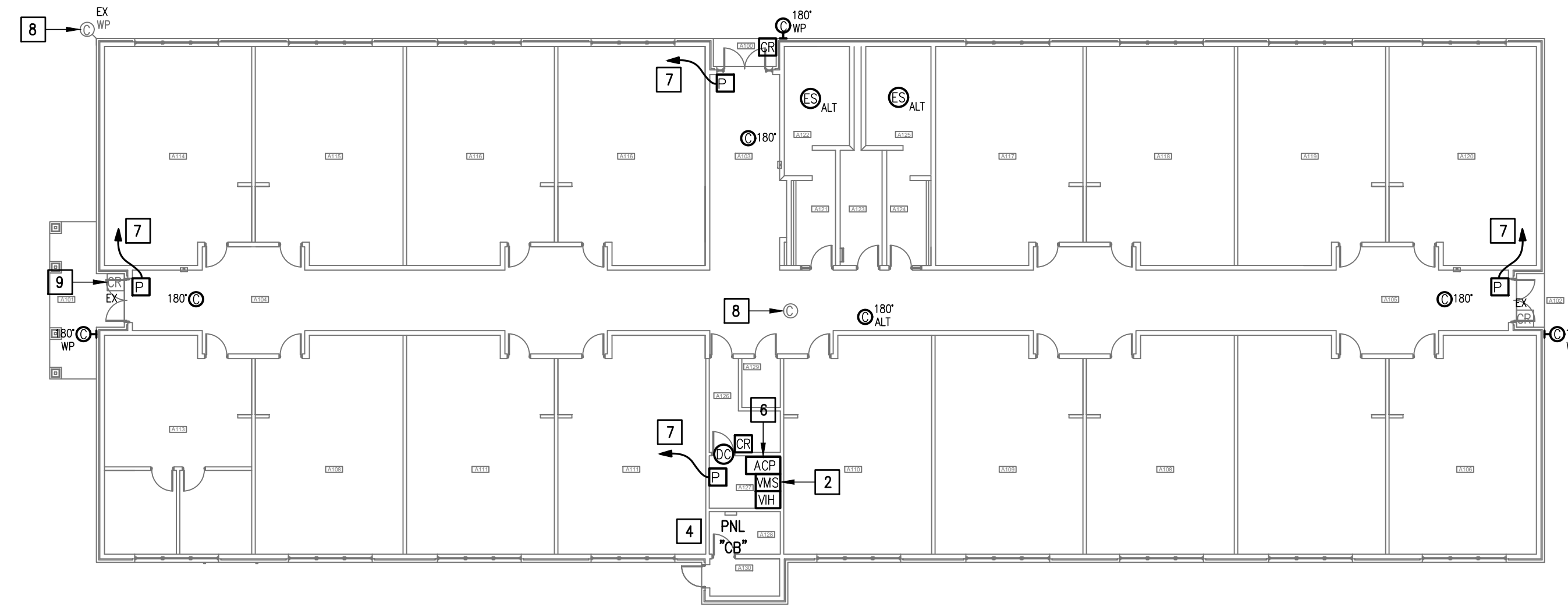


**GENERAL NOTES:**

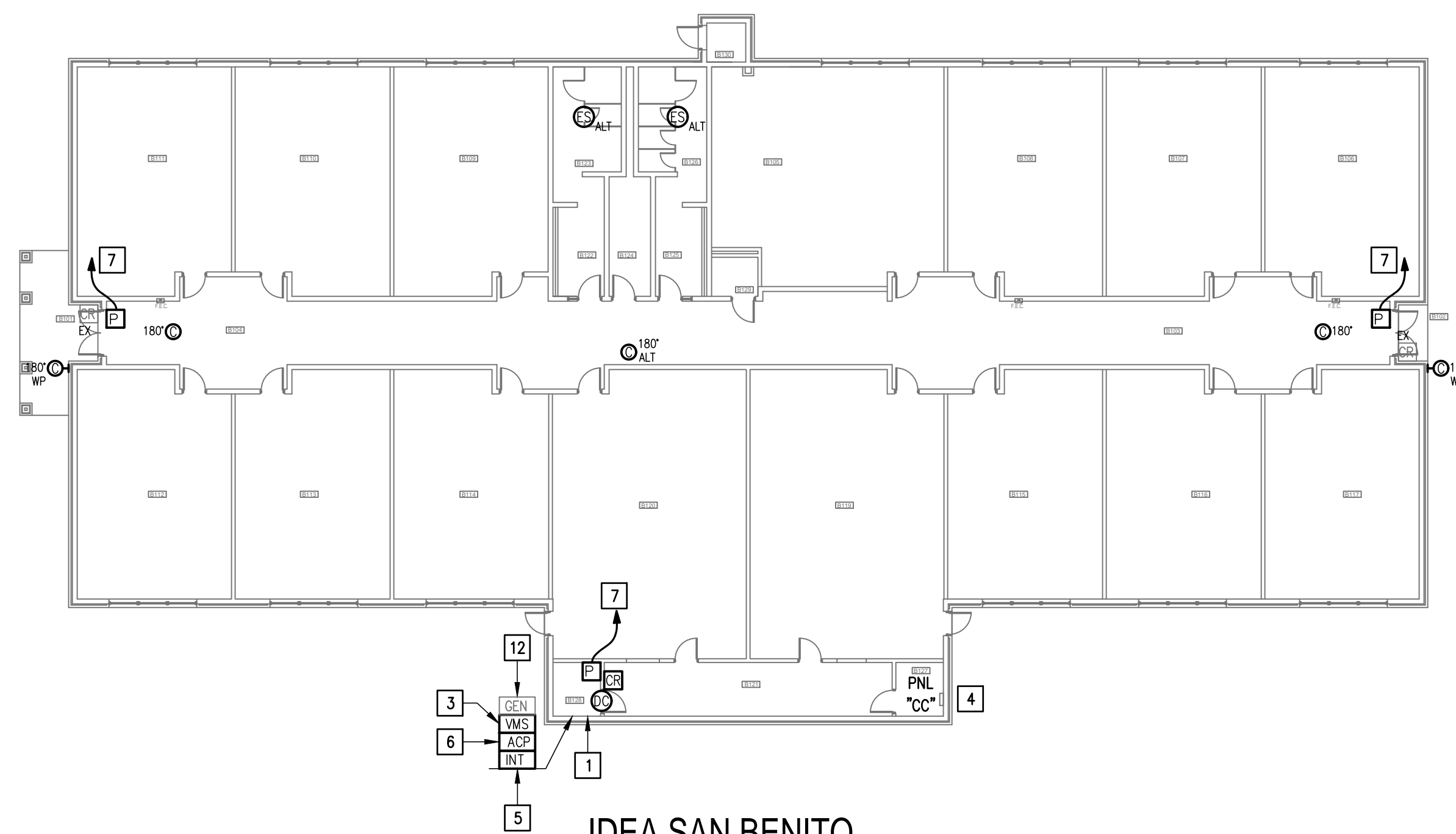
- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

**KEYED NOTES:**

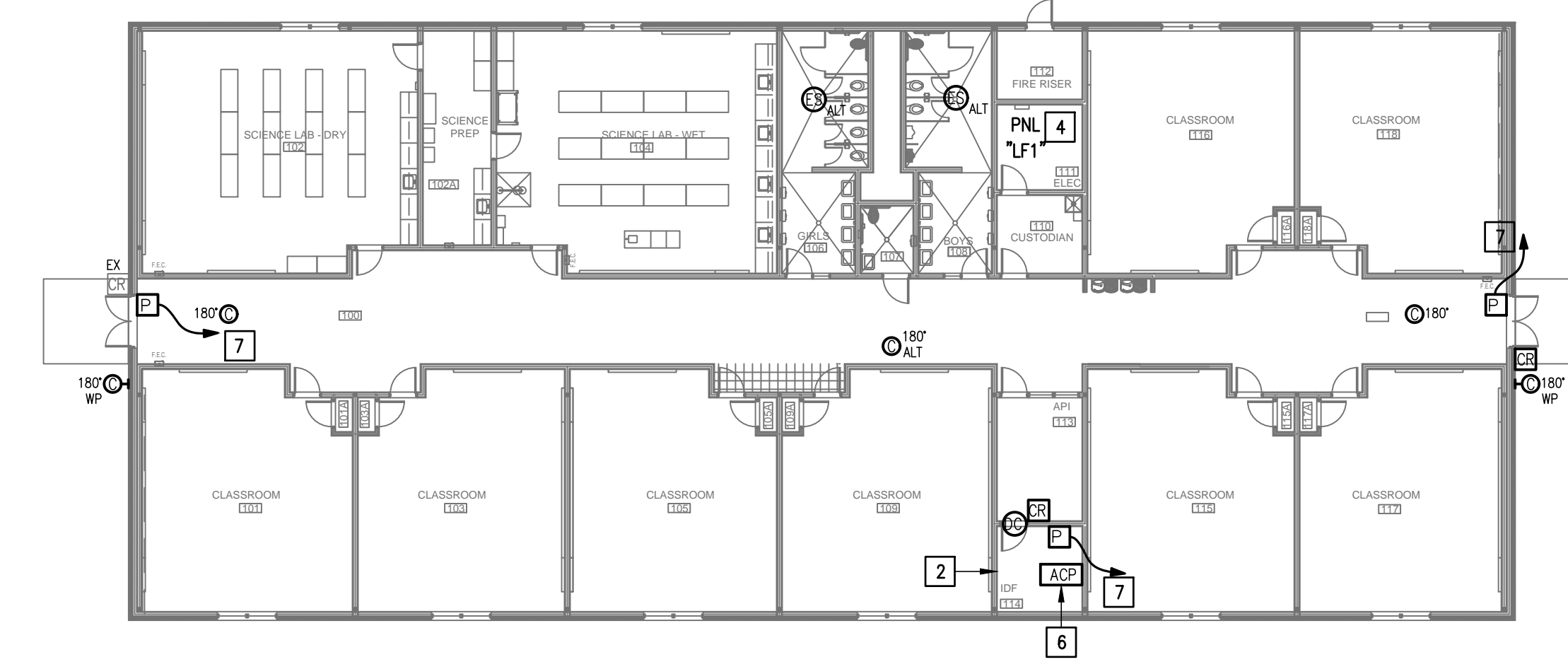
- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH VMS MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- EXISTING INTRUSION DETECTION SYSTEM PANEL MODEL DMP.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- EXISTING CCTV CAMERA TO REMAIN - TYPICAL.
- EXISTING CARD READER TO REMAIN - TYPICAL.
- DISCONNECT AND REMOVE EXISTING WALL MOUNTED DOOR STATION INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- DISCONNECT AND REMOVE EXISTING CARD READER INCLUDING CABLING.
- EXISTING GENETEC EQUIPMENT.



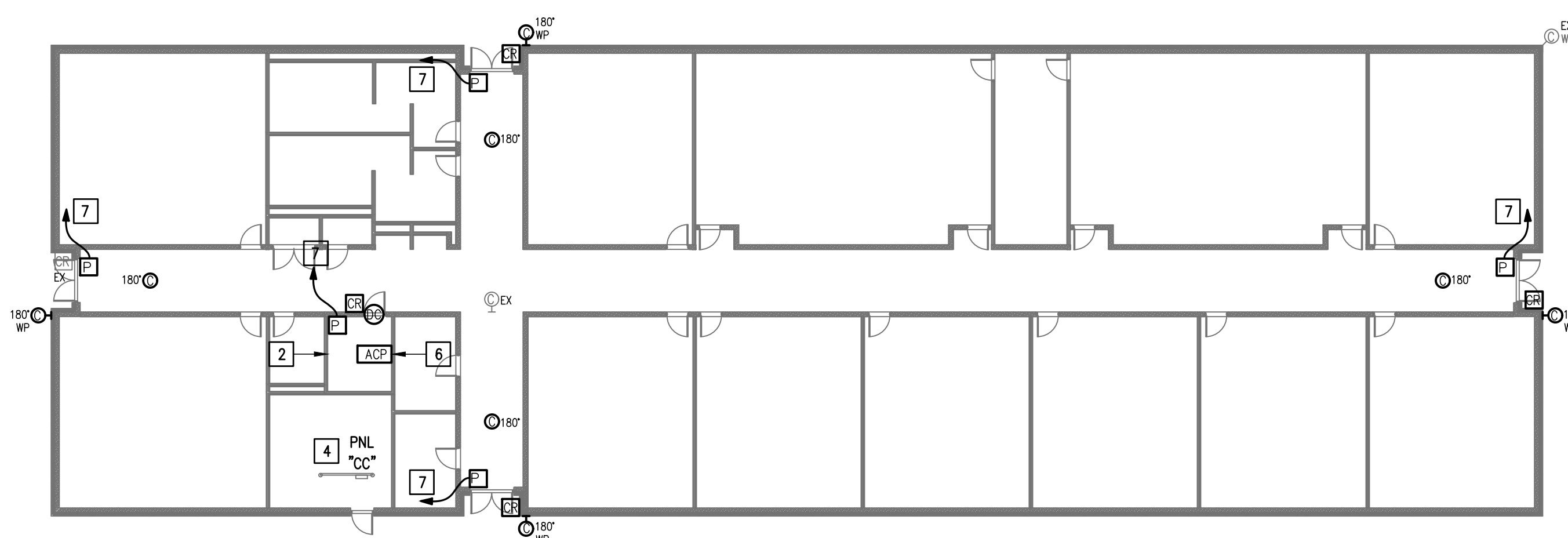
01 IDEA SAN BENITO TECHNOLOGY PLAN (BUILDING A)  
 SCALE : 1/16" = 1'-0"  
 TRUE NORTH



02 IDEA SAN BENITO TECHNOLOGY PLAN (BUILDING B)  
 SCALE : 1/16" = 1'-0"  
 TRUE NORTH



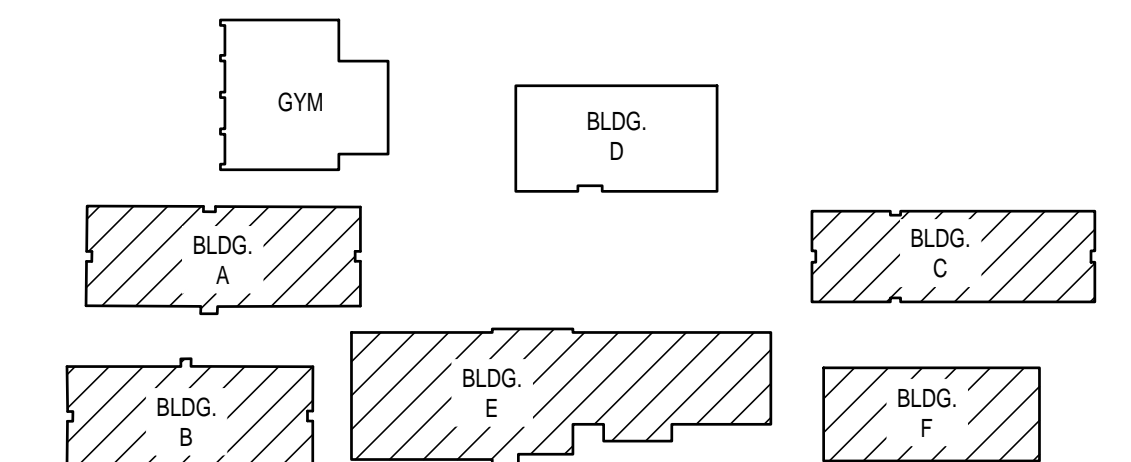
04 IDEA SAN BENITO TECHNOLOGY PLAN (BUILDING F)  
 SCALE : 1/16" = 1'-0"  
 TRUE NORTH



03 IDEA SAN BENITO TECHNOLOGY PLAN (BUILDING C)  
 SCALE : 1/16" = 1'-0"  
 TRUE NORTH



05 IDEA SAN BENITO TECHNOLOGY PLAN (BUILDING E)  
 SCALE : 1/16" = 1'-0"  
 TRUE NORTH



KEYPLAN

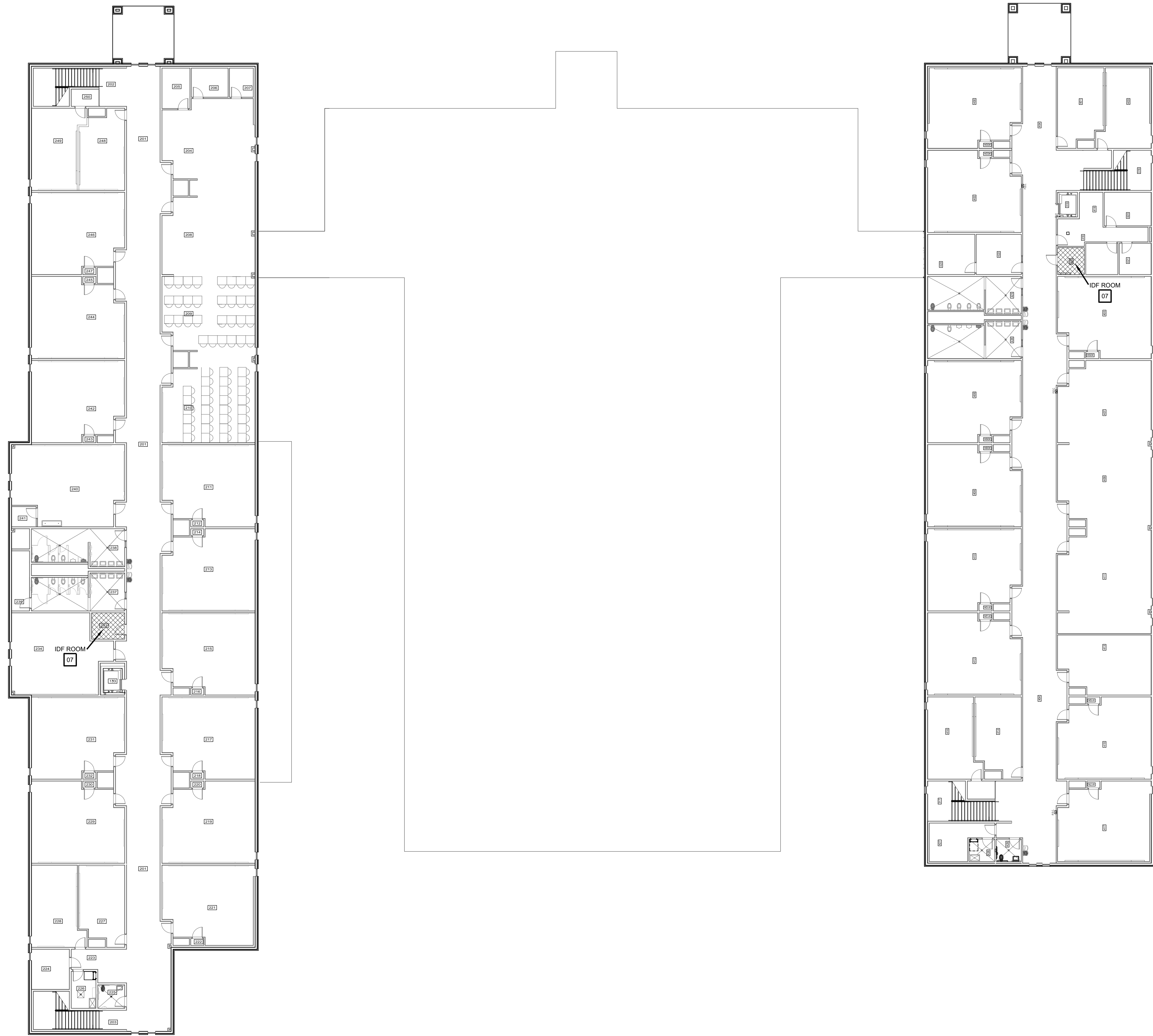














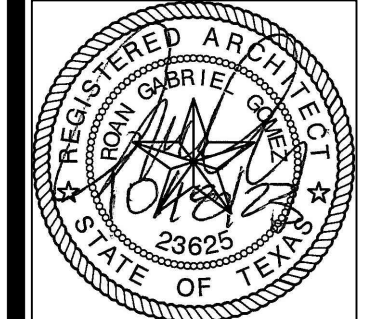


SECOND FLOOR  
**01 FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"

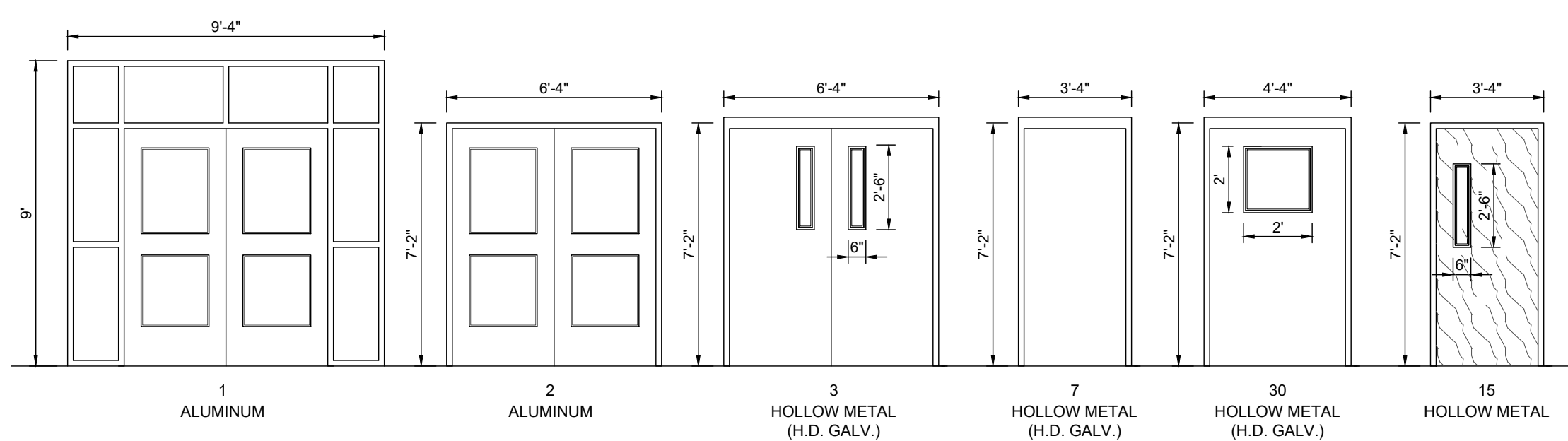
**SYMBOL LEGEND**

-  ACCESS DOOR NUMBERING
-  SECURITY DOOR HARDWARE
-  IDF ACCESS HARDWARE
-  SECURITY FILM

**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 WESLACO, TEXAS

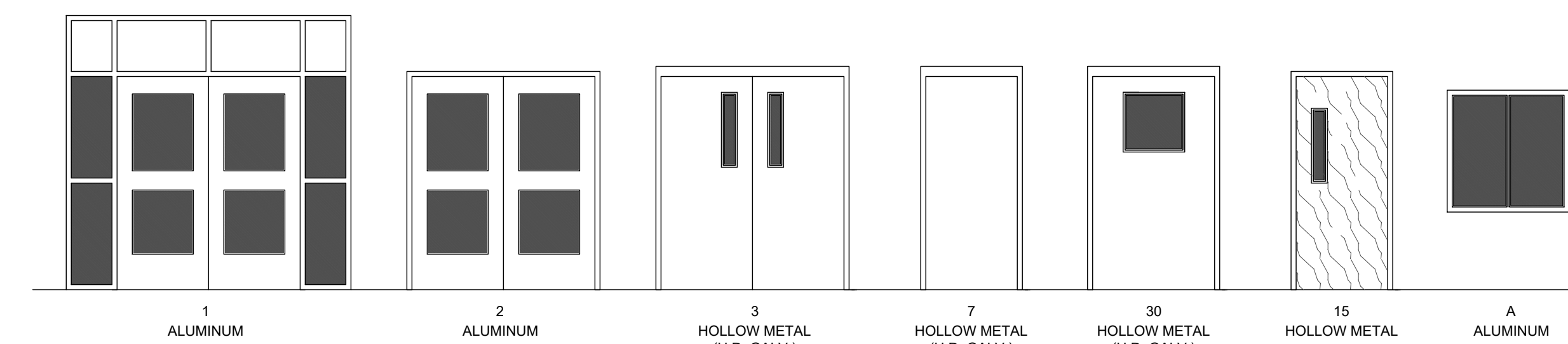


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 Date: 01/2023  
 Scale: As Noted  
 Project Architect: Rolin Gomez, AIA  
 Drawn By: CG, IO, JA  
 Job No: IDEA SECURITY  
 Sheet:



**DOOR ELEVATIONS**

SCALE 1/4" = 1'-0"

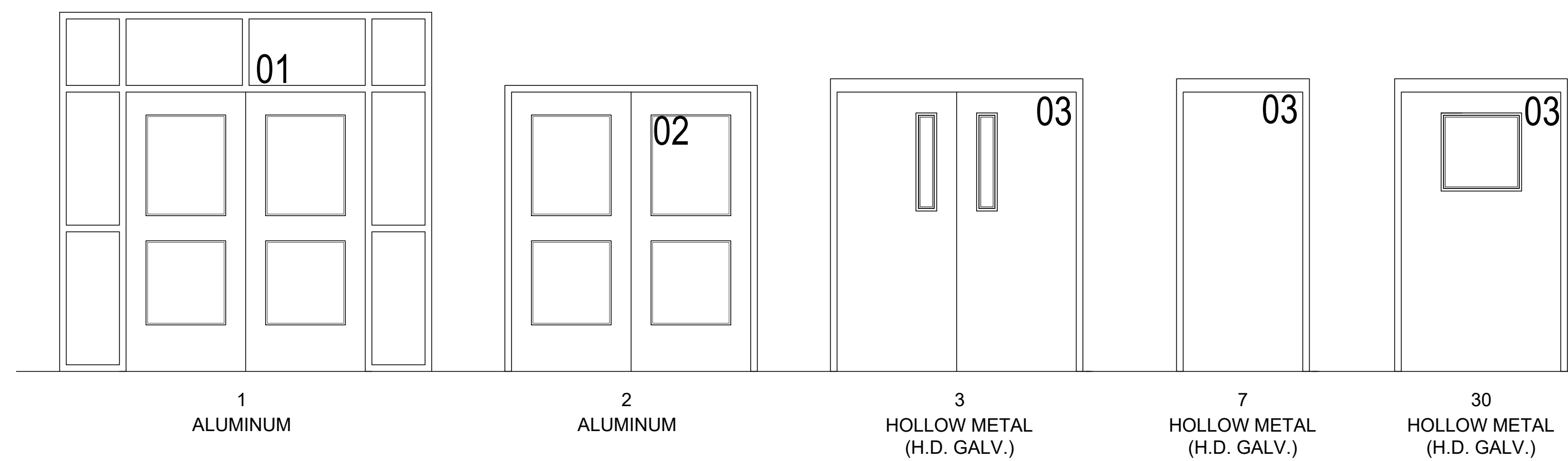


**DOOR ELEVATIONS**

SCALE 1/4" = 1'-0"

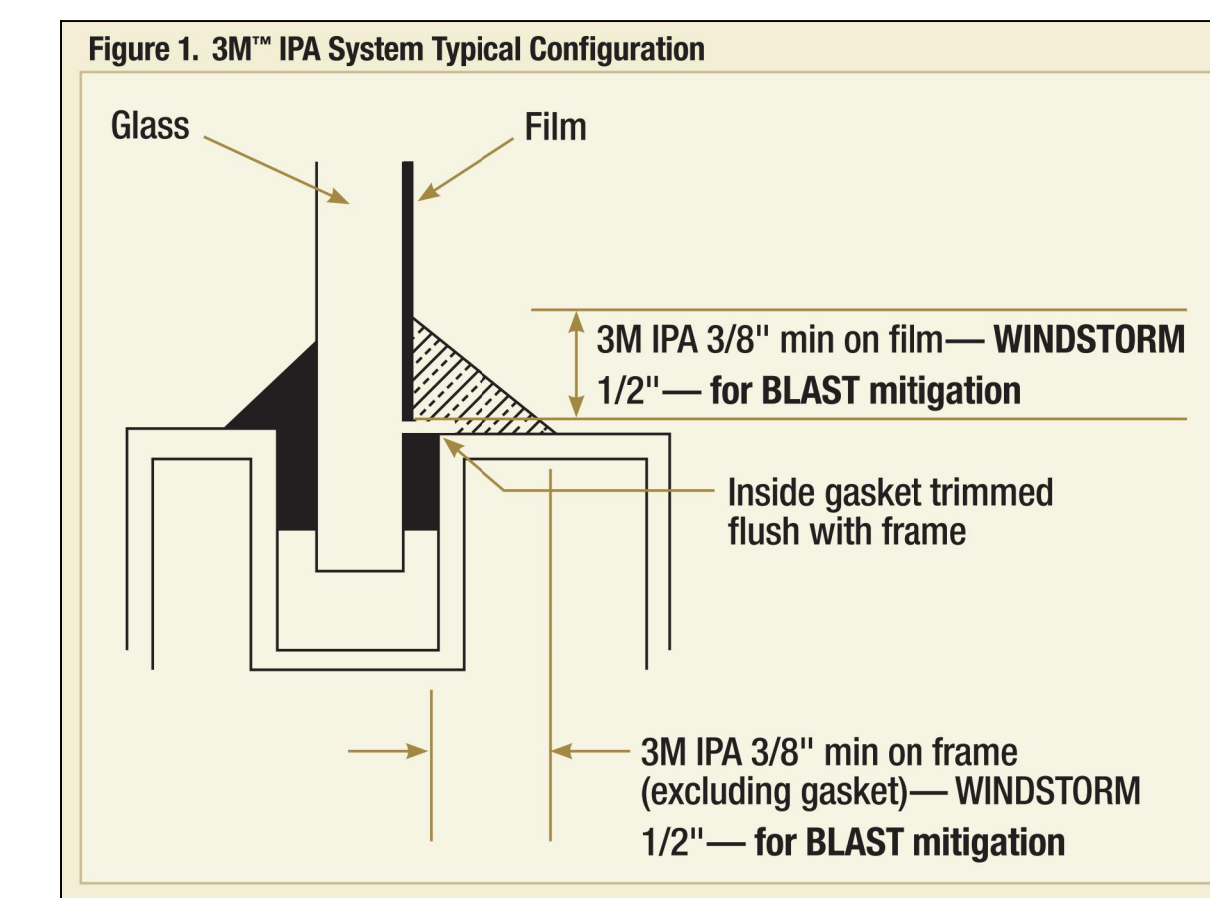
ACCESS CONTROL - DOOR SCHEDULE											
BLDG	FRAME NO.	MATL.	DOOR			FRAME			REMARKS		
			W	H	T	MATL.	W	H		T	
303	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	9'-4"	9'-0"	4 - 1/2"	A	
302	05	ALUM.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	C	
304	05	ALUM.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	C	
306	05	ALUM.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	C	
315	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
314	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
315	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
301	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
401	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
401	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
301	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
104	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
101	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"	A	
136	08	S.C.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	F	IDF ROOM
313	08	S.C.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	F	IDF ROOM
321	08	S.C.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	F	IDF ROOM
233	08	S.C.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	F	IDF ROOM
424	08	S.C.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"	F	IDF ROOM

WINDOW FILM - DOOR / WINDOW SCHEDULE											
BLDG	DOOR NO.	MATL.	DOOR			FRAME			HDWR	REMARKS	
			W	H	T	MATL.	W	H			T
303	01	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	9'-4"	9'-0"	4 - 1/2"		
302	05	ALUM.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"		
304	05	ALUM.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"		
306	05	ALUM.	3'-0"	7'-0"	1 3/4"	ALUM.	3'-4"	7'-2"	4 - 1/2"		
315	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"		
314	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"		
315	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"		
301	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"		
401	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"		
401	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"		
301	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"		
104	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"		
101	02	ALUM.	PR - 3'-0"	7'-0"	1 3/4"	ALUM.	6'-4"	7'-2"	4 - 1/2"		



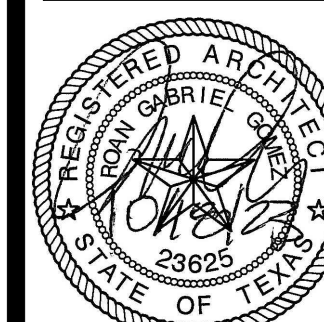
**02 DOOR NUMBER LOCATION**

ALL LETTERS ARE SHALL BE 9" TALL VINYL WITH REFLECTIVE FINISH.  
 REFER TO A2.00 SERIES FOR DOOR LOCATIONS AND NUMBERING SEQUENCE  
 ACCESS DOOR NUMBERING (x)



**01 FILM DETAIL**

NOT TO SCALE





IDEA PUBLIC SCHOOLS  
SECURITY IMPROVEMENTS  
WESLACO, TEXAS

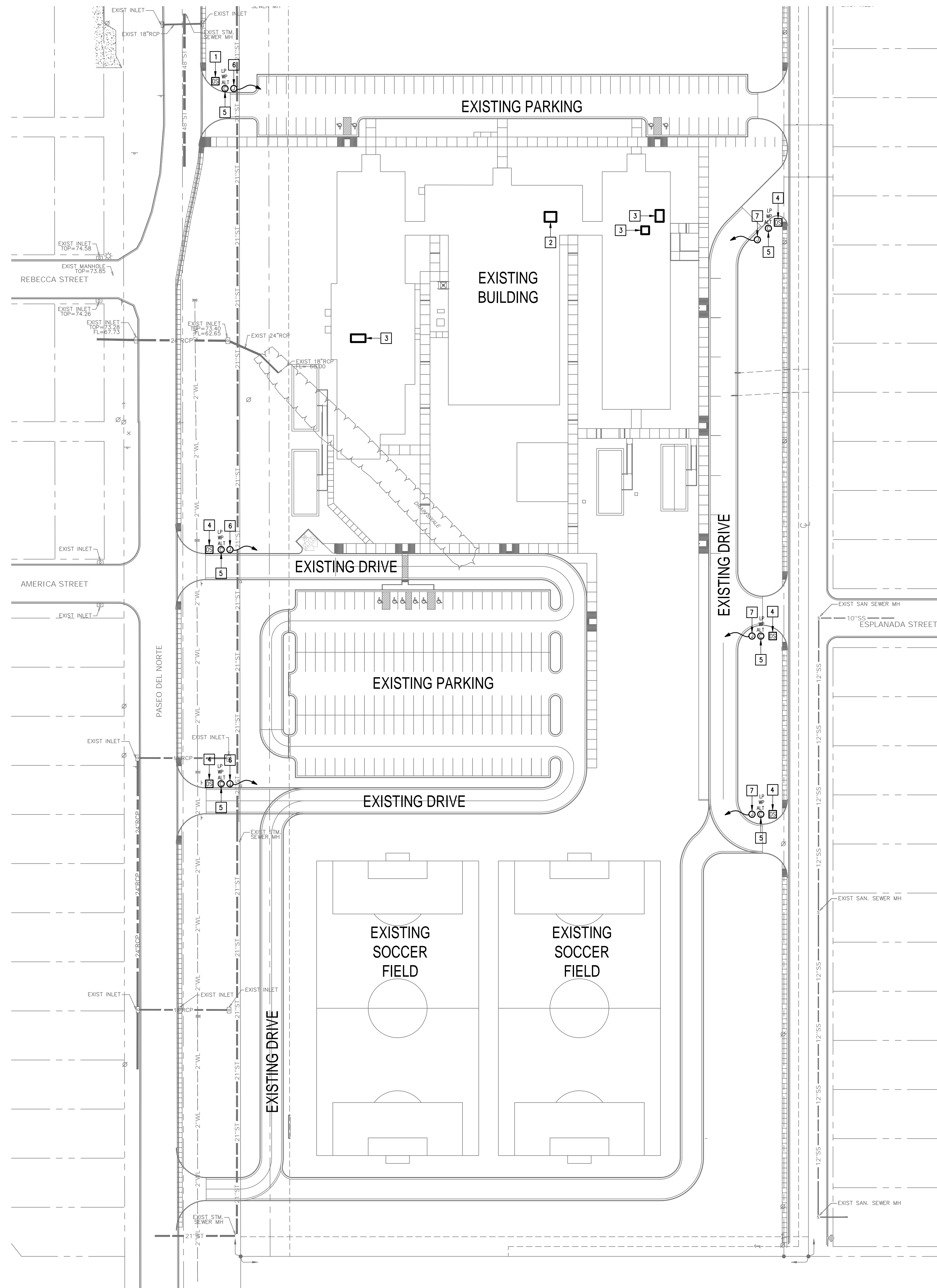


10.24.2023  
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Architects-Planners  
Interior Designers

Date: 10/24/2023  
Scale: As Noted  
Project Architect: Roan Gomez, AIA  
Drawn By: C.G.  
Job No: 22090  
Sheet: E1.01

KEYED NOTES:

- 1 EXISTING PEDESTAL MOUNTED DOOR STATION AND KEYPAD. DISCONNECT AND REMOVE INCLUDING WIRING AND HEAD-END EQUIPMENT. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 2 EXISTING MDF ROOM.
- 3 EXISTING IDF ROOM.
- 4 EXISTING PEDESTAL MOUNTED KEY PAD. DISCONNECT AND REMOVE INCLUDING WIRING. PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- 5 ALTERNATE: PROVIDE LICENSE PLATE RECOGNITION CAMERA (LP) INCLUDING MOUNTING KIT. PROVIDE CABLING, HARDWARE, SERVERS, COMPONENTS, LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE CAMERA WITH THE UNIFIED USER INTERFACE SOFTWARE.
- 6 PROVIDE GATE HARDWARE POWER SUPPLY AND CONNECT TO EXISTING GATE OPERATOR POWER CIRCUIT. BRANCH CIRCUIT: 3/4" - 2#12 & #12G.
- 7 PROVIDE PEDESTAL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.

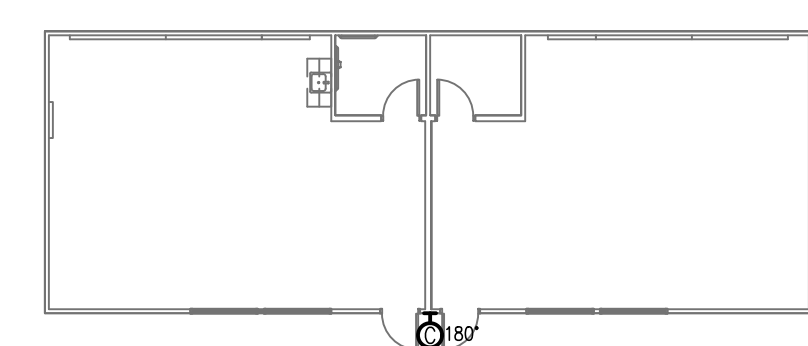
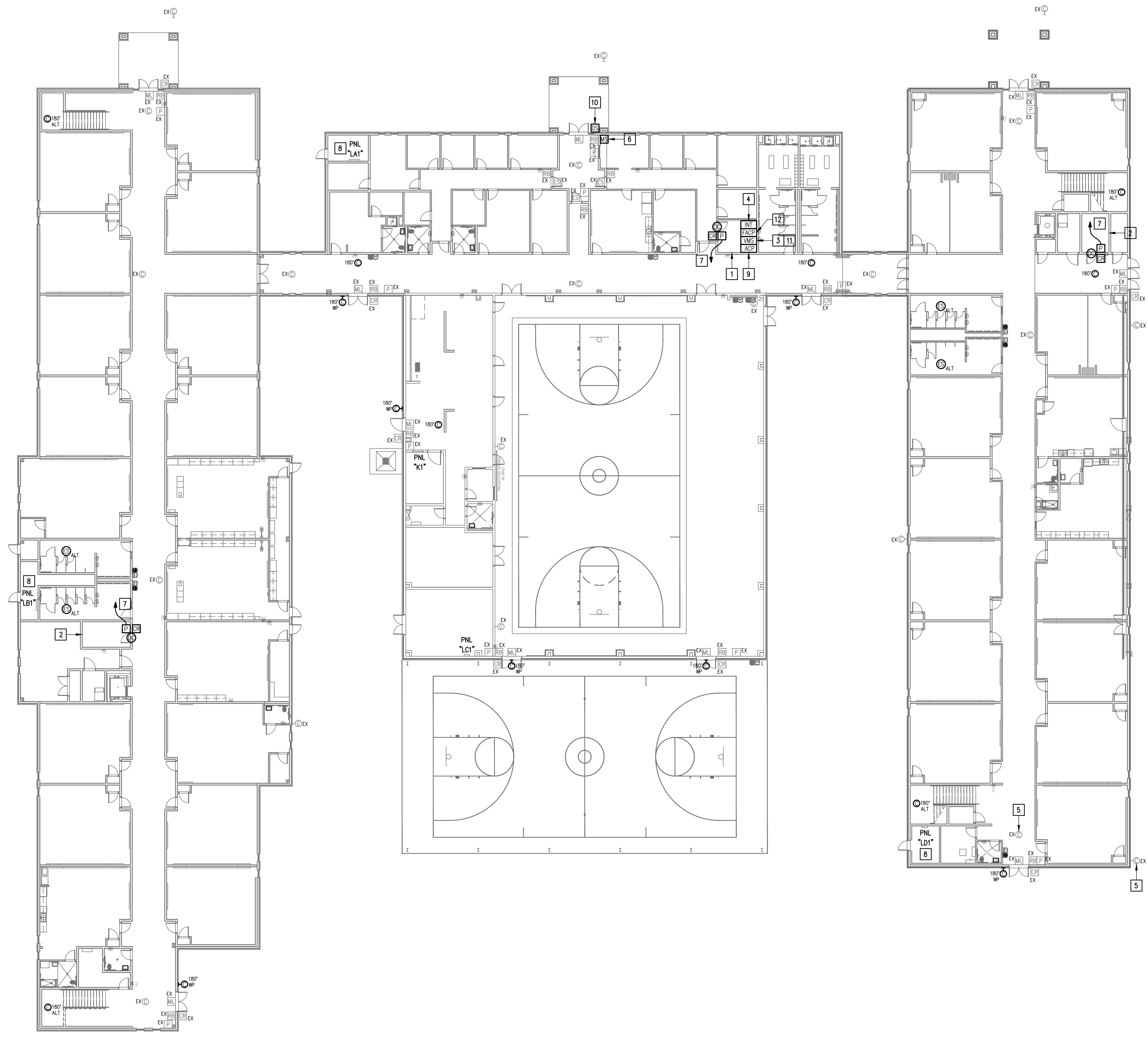


**GENERAL NOTES:**

- WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
- PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
- ALL WIRING SHALL BE CONCEALED, U.N.O.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
- WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
- LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
- ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" - 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100', THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.

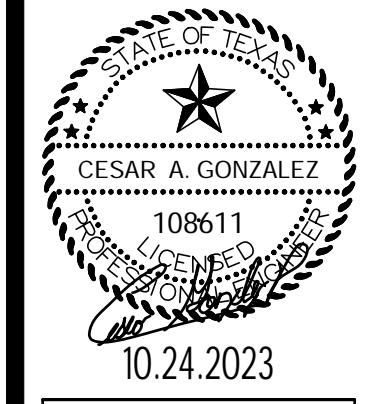
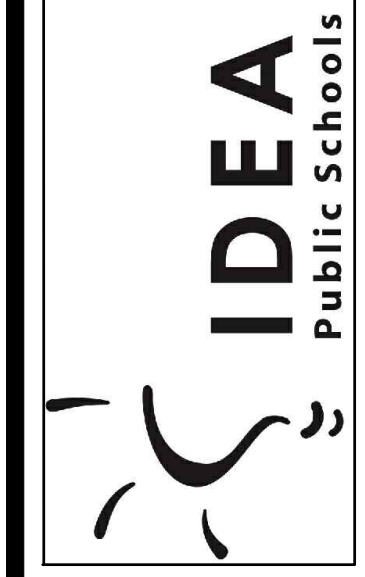
**KEYED NOTES:**

- EXISTING MDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- PROVIDE VIDEO MANAGEMENT SYSTEM HEAD END EQUIPMENT. PROVIDE (1) CAT6 CABLE TO EQUIPMENT. COORDINATE WITH W/S MANUFACTURER TO PROPERLY SIZE VIDEO STORAGE SERVER CAPACITY. PROVIDE ALL NECESSARY CABLING, MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE.
- EXISTING INTRUSION DETECTION SYSTEM PANEL GEMINI MODEL GEM-X255.
- EXISTING CCTV CAMERA TO REMAIN - TYPICAL.
- EXISTING MASTER STATION. DISCONNECT REMOVE AND REPLACE INCLUDING WIRING.
- CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.
- PROVIDE WALL MOUNTED DOOR STATION WITH CARD READER INCLUDING MOUNTING HARDWARE, SOFTWARE/LICENSES, AND PROGRAMMING FOR A FULLY OPERATIONAL SYSTEM. INTEGRATE DOOR STATION WITH THE UNIFIED USER INTERFACE.
- EXISTING ARCDYN VIDEO MANAGEMENT SYSTEM.
- APPROXIMATE LOCATION OF EXISTING FIRE ALARM CONTROL PANEL MODEL SLENT KNIGHT SB200L. PROVIDE NECESSARY HARDWARE, CABLING AND PROGRAMMING FOR INTERFACING WITH ACCESS CONTROL SYSTEM. UPON ACTIVATION OF FIRE ALARM SYSTEM ALL ACCESS DOORS MAGNETIC LOCKS SHALL BE RELEASED FOR EMERGENCY EXIT.



IDEA WESLACO PIKE  
 TECHNOLOGY PLAN (1ST FLOOR)  
 01 SCALE: 1/16" = 1'-0"  


IDEA PUBLIC SCHOOLS  
 SECURITY IMPROVEMENTS  
 WESLACO, TEXAS



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Date:	10/24/2023
Scale:	As Noted
Project Architect:	Roan Gomez, AIA
Drawn By:	C.G.
Job No.:	22790
Sheet:	E2.01



E2.01

**GENERAL NOTES:**

1. WHERE RACEWAYS WILL BE EXPOSED, PLEASE PAINT TO MATCH EXISTING CONDITIONS.
2. PROVIDE FIRE PROOF CAULKING WHEN PENETRATING FIRE RATED WALLS.
3. ALL WIRING SHALL BE CONCEALED, U.N.O.
4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMITTAL.
5. WHERE RACEWAY CONDUIT CAN NOT BE CONCEALED PROVIDE STEEL SURFACE RACEWAY AND PULLBOX (WIREMOLD).
6. LOW VOLTAGE WIRING SHALL BE PER MANUFACTURER RECOMMENDATION IN 1/2" RACEWAY.
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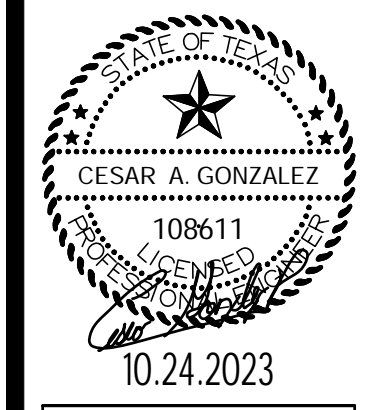
**KEYED NOTES:**

- 1 EXISTING IDF ROOM. NEW EQUIPMENT, PANELS, AND CABLING SHALL BE PROVIDED IN ACCORDANCE WITH OWNERS CURRENT STANDARDS. ANY PLANNED NETWORK OUTAGES AND NEW NETWORK DEVICES SHALL BE COORDINATED WITH OWNER IT PERSONNEL.
- 2 CONNECT DOOR HARDWARE POWER SUPPLY BRANCH CIRCUIT; 3/4" - 2#10 & #10G. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A 20A/1P BREAKER IN AVAILABLE SPACE. CONNECT TO MORE THAN (5) DOOR HARDWARE LOCATIONS TO A SINGLE CIRCUIT.
- 3 APPROXIMATE LOCATION OF EXISTING 120/208V PANELBOARD.
- 4 PROVIDE ACCESS CONTROL PANEL HEAD-END EQUIPMENT, CONTROLLERS, MODULES, POWER SUPPLIES, LICENSES, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE (1) CAT6 CABLE TO PANEL. INTEGRATE ACCESS CONTROL SYSTEM WITH THE UNIFIED USER INTERFACE PLATFORM SOFTWARE. CONNECT TO NEAREST EXISTING 120V PANELBOARD. PROVIDE A DEDICATED 20A/1P BREAKER IN AVAILABLE SPACE.



IDEA WESLACO PIKE  
**TECHNOLOGY PLAN** (2ND FLOOR)  
 01 SCALE: 1/16" = 1'-0"  


**IDEA PUBLIC SCHOOLS**  
**SECURITY IMPROVEMENTS**  
 WESLACO, TEXAS



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 Drawn By: C.G.  
 Job No: 22090  
 Sheet:



**E2.02**