New Security Entrances for

Lee County High School

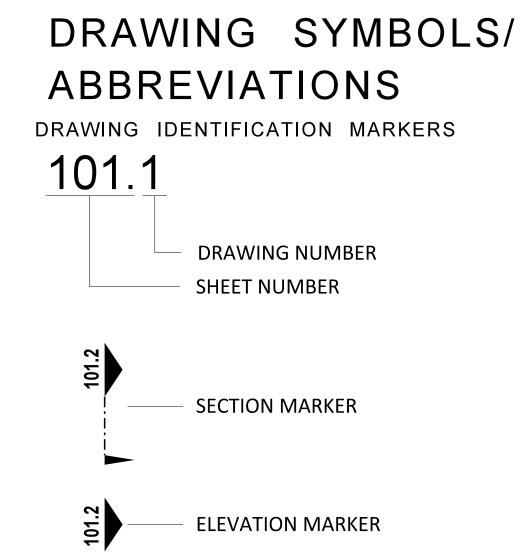
Lee County Schools NCDSP Unit 530 - School 336

1708 Nash Street, Sanford, NC 27330

DRAWING INDEX

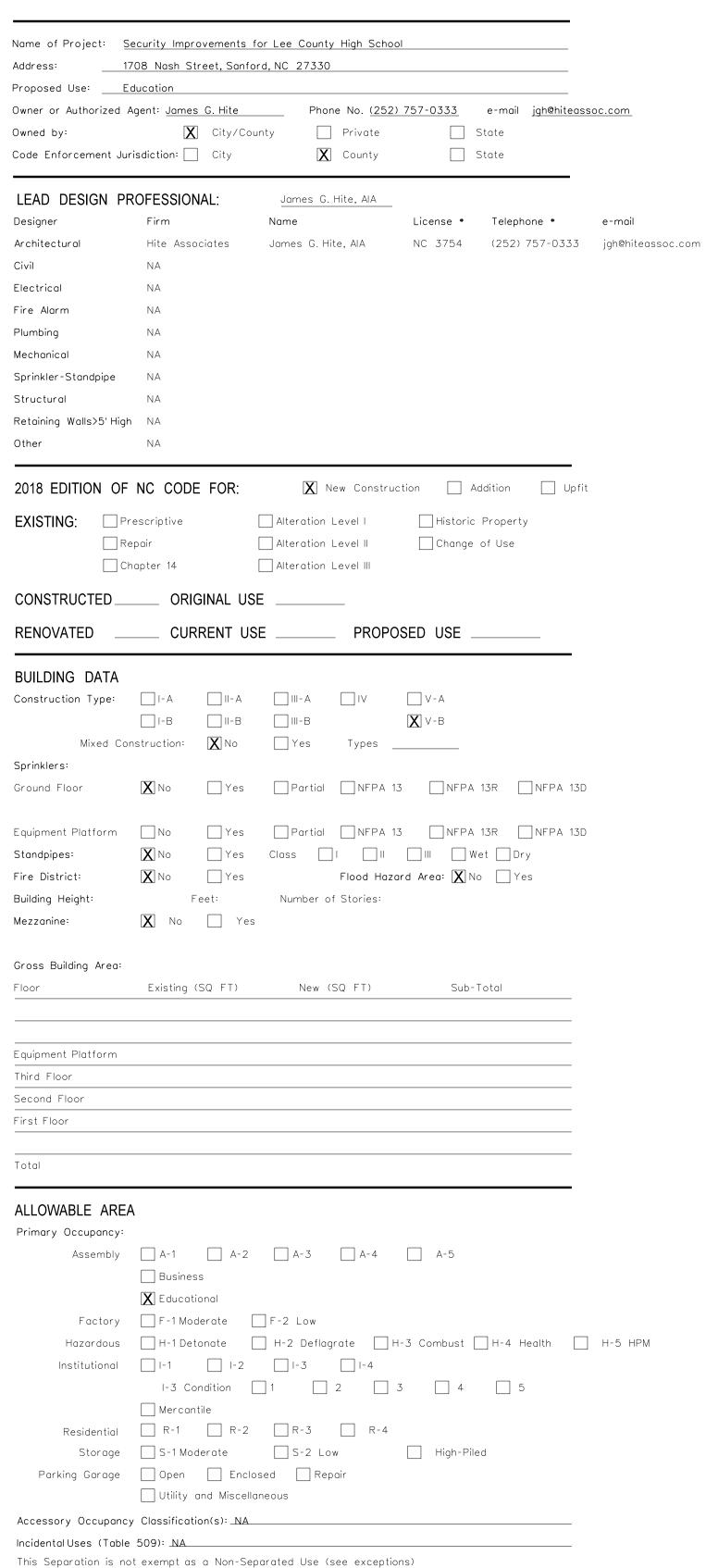
Drawing	School
No.	
COVER	
BCS-100	Building Code Summary
A-100	Security Entrance Plan
A-101	Overall Campus Plan - Power / Data Connections
A-102	Security Entrance Plan
A-103	Security Entrance Plan
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A-105	Security Entrance Plan
A-106	Sections and Details

HITE ASSOCIATES ARCHITECTURE / PLANNING / TECHNOLOGY 2600 Meridian Drive / Greenville, N.C. 27834 / tel 252-757-0333



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Building Code Summary - 2018 NCSBC Appendix B Security Improvements for Lee County High School



Special Uses (Chapter 4 - List code Sections): NA Special Provisions (Chapter 5 - List code Sections): NA

Ĺ	The limite	Separated Use (50 required type of co	onstruction of th the applicable oc	cupancies to the	entire building.	applying the heigh The most restricti
	cons	truction, so determ	inea, shall apply it	o the entire buil-	ding.	
[For e	rated Use (508.4) each story, the are ach use divided by	a of the occupa	ncy shall be such	that the sum of	of the ratios of the
		,				ceed 1.
		al Area of Occupan	· + —	ual Area of Occup	<u> </u>	≤ 1
	Allowal	ole Area of Occupo	ıncy A Allow	able Area of Occ	upancy B	
		0		0		0 4 4 0 0
		0		0	=	0 ≤ 1.00
			(A)	T	(C)	(D)
	STORY NO.	DESCRIPTION AND USE	BLDG AREA PER STORY	(B) TABLE 506.2	AREA FOR OPEN SPACE	ALLOWABLE AREA OR
	NO.	AND USE	(ACTUAL)	AREA 4	INCREASE 1,5	UNLIMITED 2,3
	N/A	N/A	N/A	N/A		N/A
1	_	increases from S				
		ter which fronts a		oen space having	20 feet minimu	m width = 0
	b. Total 8	Building Perimeter	= 0 (P)			
	c. Ratio	(F/P) =	O (F/F	P)		
	d. W= Mi	nimum width of pul	olic way = 0	(W)		
2	Unlimited	area applicable un	der conditions of	Section 507.		
3	Maximum	Building Area = to	talnumber of sto	ories in the buildi	ng x D (506.2)	
4	The maxi towers m	mum area of park nust comply with 4°	ing garages mus 2.3.1.	t comply with 40	06.5.4. The maxi	mum area of air t

ALLOWABLE

Feet 40

Stories 3

CODE REFERENCE

SHOWN ON PLANS

FIRE PROTECTION REQUIREMENTS

Building Height in Feet (Table 504.3)

Building Height in Stories (Table 504.4)

BUILDING	FIRE	F	RATING	DETAIL NO.	DESIGN NO.	DESIGN NO.	DESIGN	
ELEMENT	SEPARATION DISTANCE (FEET)	REQ'D	PROVIDED (W/ x REDUCTION)	AND SHEET NO.	FOR RATED ASSEMBLY	FOR RATED PENETRATION	NO. FOR RATED JOIST	
Structural frame, including columns, girders, trusses		NA	NA	NA	NA	NA	NA	
Bearing walls								
Exterior								
North	NA	NA	NA	NA	NA	NA	NA	
East	NA	NA	NA	NA	NA	NA	NA	
West	NA	NA	NA	NA	NA	NA	NA	
South	NA	NA	NA	NA	NA	NA	NA	
Interior	NA	NA	NA	NA	NA	NA	NA	
Nonbearing walls and partitions Exterior								
North	NA	NA	NA	NA	NA	NA	NA	
East	NA	NA	NA	NA	NA	NA	NA	
West	NA	NA	NA	NA	NA	NA	NA	
South	NA	NA	NA	NA	NA	NA	NA	
Interior	NA	NA	NA	NA	NA	NA	NA	
Floor construction including support beams and joist		NA	NA	NA	NA	NA	NA	
Above Corridor		NA	NA	NA	NA	NA	NA	
Columns Supporting Floors								
Roof construction including support beams and joist		NA	NA	NA	NA	NA	NA	
Roof Ceiling Assembly		NA	NA	NA	NA	NA	NA	
Columns Supporting Roof		NA	NA	NA	NA	NA	NA	
Shafts - Exit		NA	NA	NA	NA	NA	NA	
Shafts - Other		NA	NA	NA	NA	NA	NA	
Corridor Separation		NA	NA	NA	NA	NA	NA	
Occupancy Separation		NA	NA	NA	NA	NA	NA	
Party/Fire Wall Separation		NA	NA	NA	NA	NA	NA	
Fire Barrier Separation		NA	NA	NA	NA	NA	NA	
Smoke Partition		NA	NA	NA	NA	NA	NA	
Tenant Separation		NA	NA	NA	NA	NA	NA	
Incidental Use Separation		NA	NA	NA	NA	NA	NA	

PERCENTAGE OF WALL AREA CALCULATIONS - NA

FIRE SEPARATION DISTANCE FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA	ACTUAL SHOWN ON PLANS

WIND DESIGN DATA / PEOLIDEMENTS FOR DEDITIONAL WINDOWS

1. Ultimate wind speed, Vult (3-se	Vult = 123 mph;, 3 sec. Gust Vasd = 95.3 mph			
2. Risk category:		III		
3. Wind exposure category:		С		
4. Application internal pressure co	pefficient:	+/018		
5. Design wind pressures to be a specifically designed by the restructure:	used for exterior component and cladding materials which are not egistered design professional responsible for the design of the	ZONE 4 ZONE 5	Positive (PSF) 22.9 22.9	Negative (PSF) -24.9 -30.7

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting:	X No	Yes
Exit Signs:	X No	Yes
Fire Alarm:	X No	Yes
Smoke Detection Systems:	X No	Yes
Carbon Monoxide Detesction:	X No	Yes

Life Safety Plan Sheet *: NA

- Fire and/or smoke rated wall-locations (Chapter 7)
- Assumed and real property line locations
- Exterior wall opening area with respect to distance to assumed property lines (705.8)

Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)

- Occupant loads for each area
- Exit access travel distances (1017)
- Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
- Dead end lengths (1020.4)
- Clear exit widths for each exit door Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
- Actual occupant load for each exit door A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
- Location of doors with panic hardware (1010.1.10)
- Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
- Location of doors with electromagnetic egress locks (1010.1.9.9)
- Location of doors equipped with hold-open devices
- Location of emergency escape windows (1030)
- ___ The square footage of each fire area (202)
- ☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5) Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)

LOT OR PARKING AREA	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED

ACCESSIBLE PARKING (SECTION 1106)

LOT OR	TOTAL PARKING	NO. OF SPACES	NO. OF ACCESSIBI	TOTAL NO. ACCESSIBLE		
PARKING AREA	REQUIRED	PROVIDED	REGULAR WITH 5' ACCESS AISLE	VAN SPA	CES WITH	PROVIDED
			ACCESS AISEE	132" ACCESS AISLE	8' ACCESS AISLE	
Main						
TOTAL						

PLUMBING FIXTURE REQUIREMENTS - NA

LICE		WATERCLOSET		URINALS	LAVATORIES		SHOWERS/	DRINKING FOUNTAINS						
USE		MALE	MALE	MALE	MALE	MALE	MALE	FEMALE		MALE	FEMALE	TUBS -	REGULAR	ACCESSIBLE
	NEW													
	EXISTING													
	REQ'D													
	NEW													
	EXISTING													
	REQ'D													
	NEW													
	EXISTING													
	REQ'D													

Special approval: (Local Jurisdiction, Department of Insurance, SBCCI, ICC, etc., describe below)

ENERGY SUMMARY - NA

ENERGY REQUIREMENTS:

The following data shallbe considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annualenergy cost for the standard reference design vs. annualenergy cost for the proposed design.

- Method of Compliance:
- Prescriptive (Energy Code) Performance (Energy Code)
- Prescriptive (ASHRAE 90.1)

Performance (ASHRAE 90.1)

THERMAL ENVELOPE

Roof/ceiling Assembly (each assembly)

- Description of assembly
- U-Value of total assembly R-Value of insulation
- Skylights in each assembly
- U-Value of skylight

total square footage of skylights in each assembly Exterior Walls (each assembly)

Description of assembly

- U-Value of total assembly
- R-Value of insulation Openings (windows or doors with glazing)
- U-Value of total assembly
- solar heat gain coefficient
- projection factor Door R-Values

Exterior Walls (each assembly) Description of assembly

U-Value of total assembly

R-Value of insulation

- Openings (windows or doors with glazing)
- U-Value of total assembly shading Coefficient
- projection factor
- Door R-Values Walls below grade -

Description of assembly - Block, foam filled cells, 7.5R C.I.

U-Value of total assembly R-Value of insulation

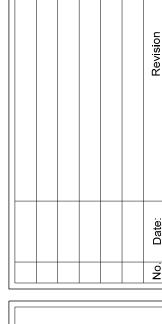
Floor over unconditioned space (each assembly) - NOT USED

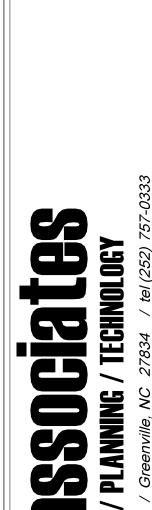
- Description of assembly 8" Block, foam filled cells, 2" c.i. U-Value of total assembly - 0.11
- R-Value of insulation 7.5R

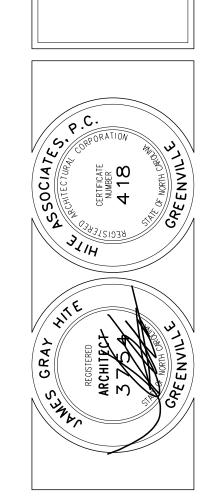
Floor slab on grade

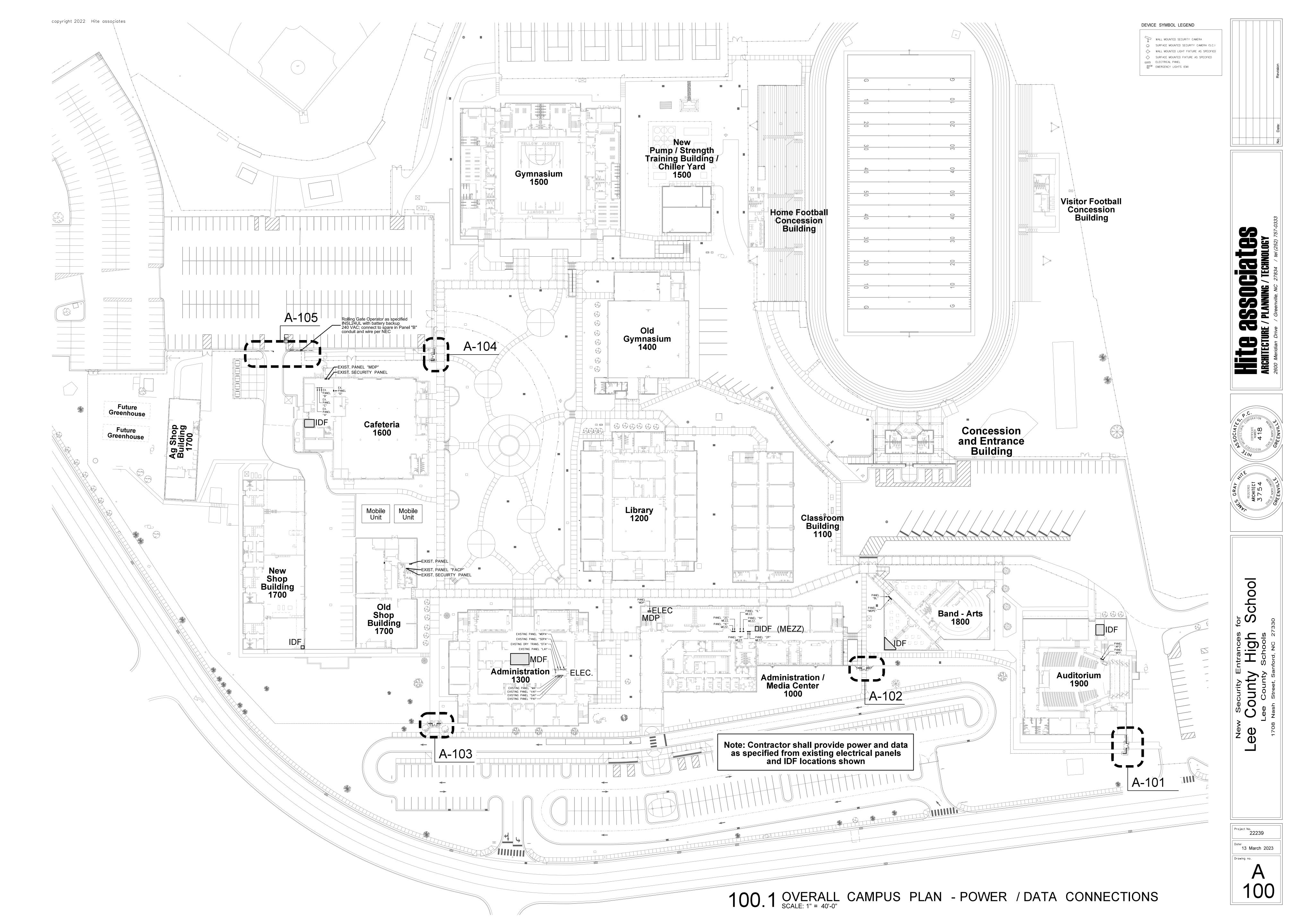
- Description of assembly = 4" thick concrete slab
- U-Value of total assembly = 0.21
- R-Value of insulation N/A
- Horizontal/vertical requirement

slab heated - NO







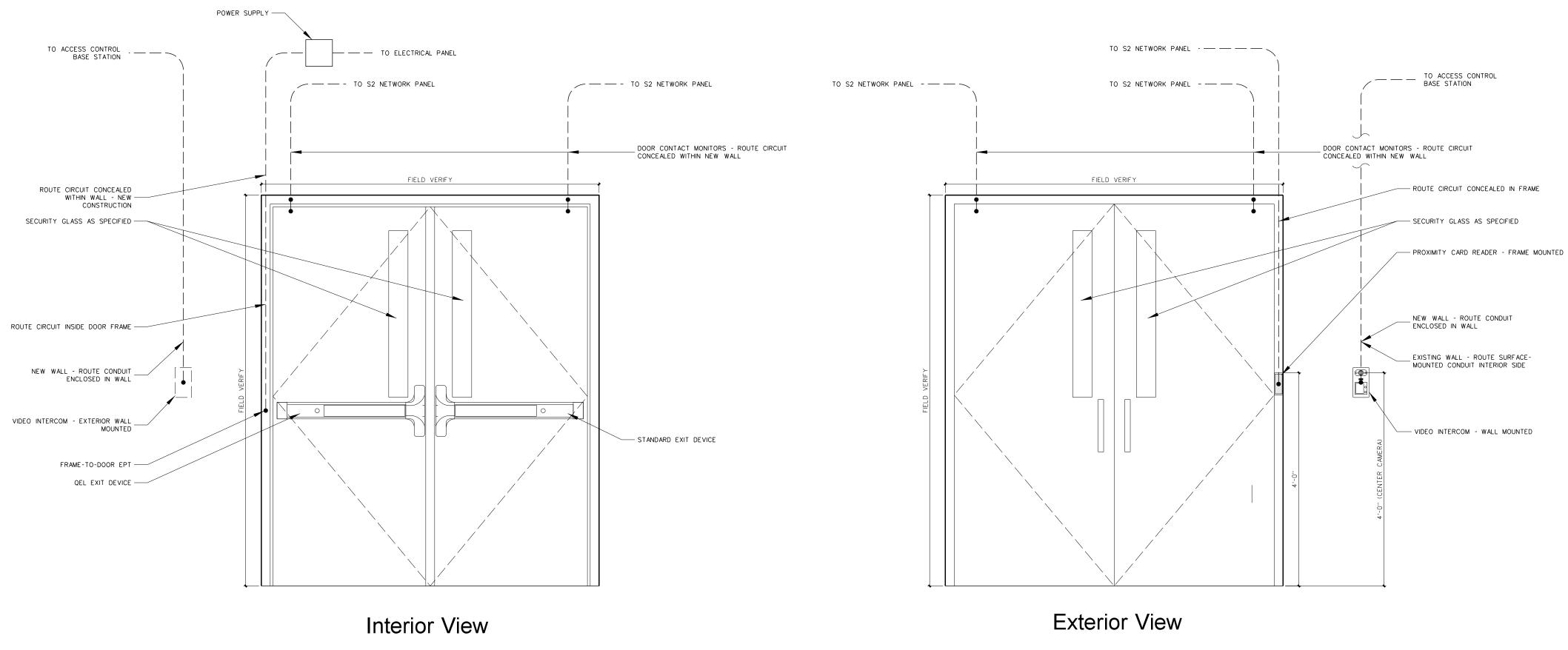


PLAN KEY NOTE / ACCESS CONTROL NOTES / GENERAL NOTES (Apply Throughout)

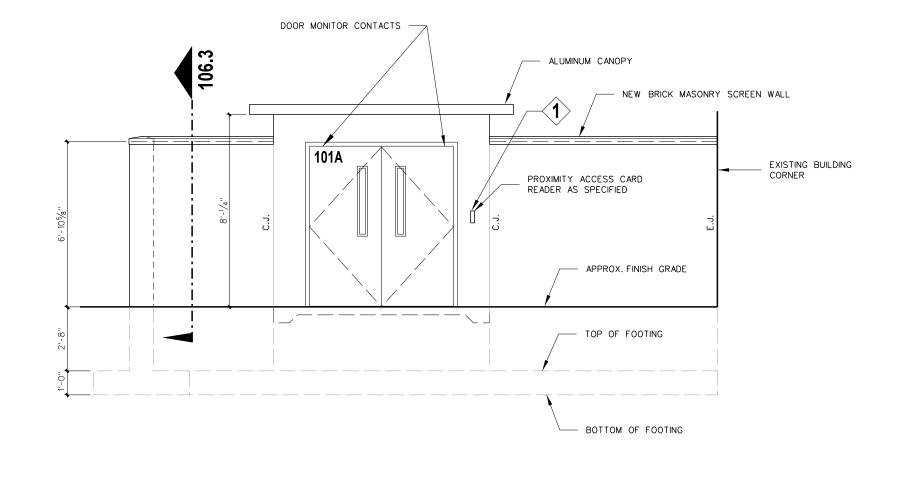
- INSTALL SURFACE MOUNTED PROXIMITY CARD READER UNIT AS SHOWN 48" AFF TO TOP OF UNIT.
- GENERAL NOTE: PROVIDE DOOR CONTACTS ON ALL ACCESS CONTROLLED DOORS.
- GENERAL NOTE: ALL ACCESS CONTROL NETWORK NODES TO BE PROVIDED IN THE SCHOOL IDF AND MDF ROOMS, FINAL LOCATIONS AS DIRECTED BY OWNER.
- GENERAL NOTE: PROVIDE ALL POWER SUPPLIES, CONDUIT AND WIRING AS REQUIRED FOR ALL ELECTRIFIED DOOR LOCKING HARDWARE OBTAIN POWER FROM ADJACENT BUILDING CIRCUIT.
- GENERAL NOTE: ALL HARDWARE AND DEVICE INSTALLATIONS SHALL INTERFACE WITH EXISTING DOOR ACCESS CONTROL STATIONS.

HARDWARE / EQUIPMENT LEGEND (All hardware / equipment specifications shall comply with Lee County School standards, and be compatible with new or existing S2 Security Access control Systems)

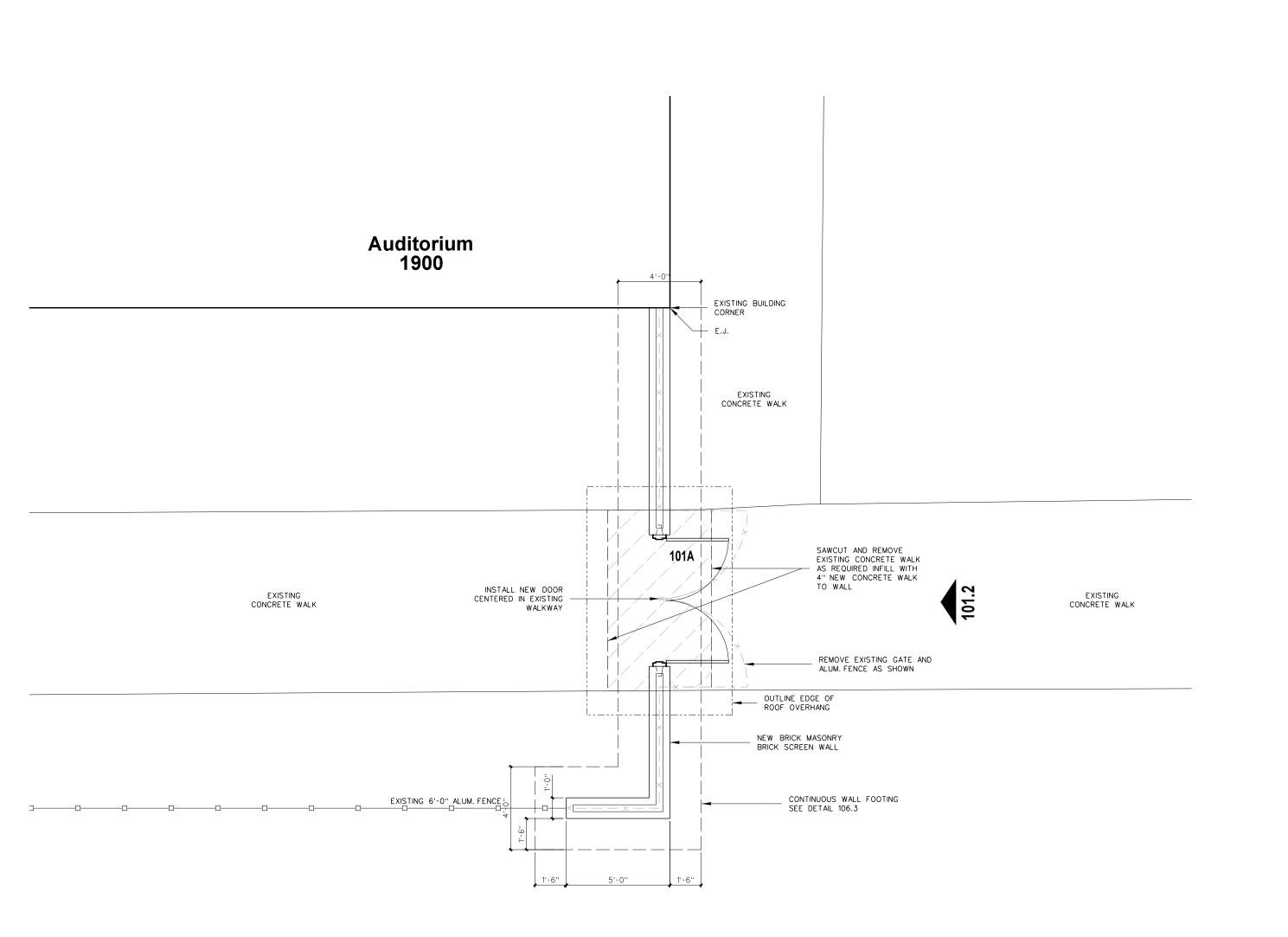
- 1. CARD READER UNIT: HID ICLASS CARD READER, MODEL S2-900PTNNEK00460-S2SEC, MINI-MULLION VERSION WHERE REQUIRED. PROVIDED BY THE DIV 17 ACCESS CONTROL CONTRACTOR.
- 2. ACCESS CONTROL SYSTEM FIELD PANEL: S2 NETWORK NODE, S2-NN-E2R-WM, HOUSING UP TO SEVEN (7) S2 APPLICATION BLADES, SUPPORTING UP TO 14 DOORS WITH NETWORK DROP - PROVIDED BY THE DIVISION 17 ACCESS CONTROL CONTRACTOR ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL POWER.
- 3. ACCESS CONTROL BASE STATION: COMPUTER SOFTWARE PROGRAM, INSTALLED ON OWNER'S PC. FOR SOFTWARE CONTROL OF CONNECTED DOORS - PROVIDED BY THE DIVISION 17 ACCESS CONTROL CONTRACTOR.
- 4. <u>DOOR CONTACTS FOR EXISTING DOOR/FRAME:</u> SURFACE MOUNT SWITCH SETS, GRI 4460 SERIES, 4463A, MINIATURE ALUMINUM, GEORGE RISK INDUSTRIES - PROVIDED BY THE DIVISION 17 ACCESS
- CONTROL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE RACEWAY TO DOOR FRAME. 5. POWER SUPPLIES: FOR ALL POWERED LOCKING HARDWARE / EXIT DEVICES. PROVIDED AND INSTALLED BY DIV 8 DOOR HARDWARE SUPPLIER.
- 6. VON DUPRIN QUIET ELECTRIC LATCH RETRACTION: QEL EXIT DEVICE 98/99 SERIES. PROVIDED AND INSTALLED BY DIV 8 DOOR HARDWARE SUPPLIER.
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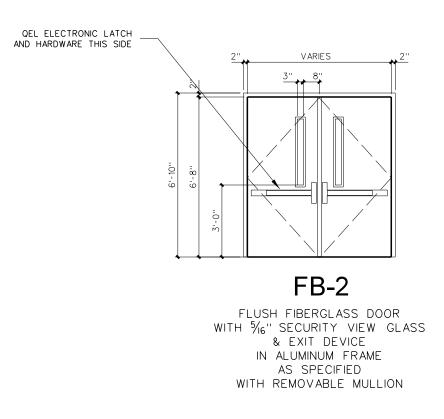
101.4 SECURITY ELETRICAL ACCESS DETAILS



101.2 SECURITY SCREEN WALL - WEST ELEVATION



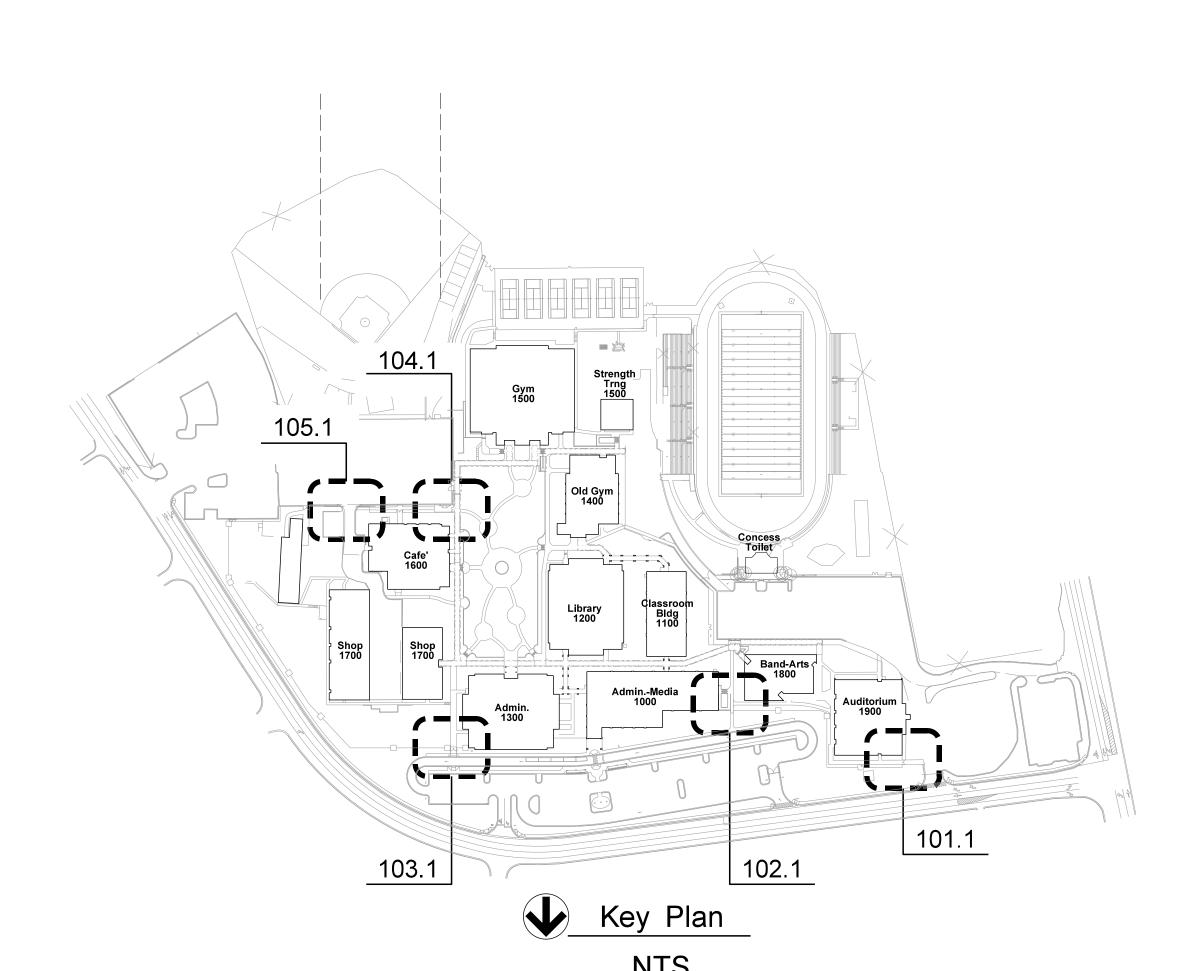
101.1 SECURITY SCREEN WALL PLAN SCALE: 1/4" = 1'-0"



101.3 DOOR ELEVATION SCALE: 1/4" = 1'-0"

SECURE EXIT DOOR NOTES:

- 1. ALL DOORS TO BE 1.75"THK x 36"W x 80"HT
- 2. ALL FRAMES SHALL BE 6" WIDE ALUMINUM AND RECEIVE HINGES AS SPECIFIED. 3 ALL DOORS TO BE INSTALLED WITH EXIT DEVICES AND CLOSERS WITH BACKSTOP AT PAIRS OF DOORS AND KEYED MULLIONS
- 4. PROVIDE CYLINDERS FOR KEYED MULLIONS SUPPLIED BY ALUMINUM DOOR SUBCONTRACTOR 5. ALL DOOR OPENINGS TO RECEIVE S2 ELECTRONICS WITH THROUGH-HINGE DELIVERY
- TO EXIT DEVICES, RIGHT SIDE ONLY AT PAIRS. ROUGH INS, CONDUITS, AND S2 COMPONENTS AND WIRING BY OWNER VENDOR, COORDINATION BY GC.



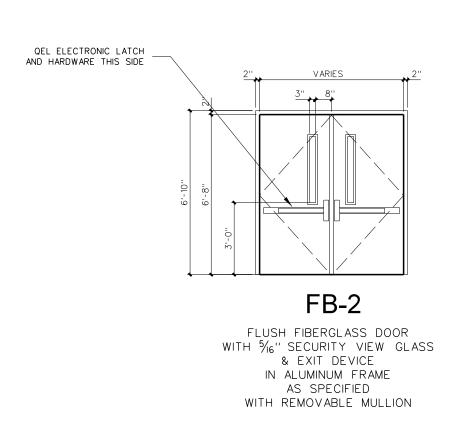
| ____ || Project No. 22239 Dote: 13 March 2023

PLAN KEY NOTE / ACCESS CONTROL NOTES / GENERAL NOTES (Apply Throughout)

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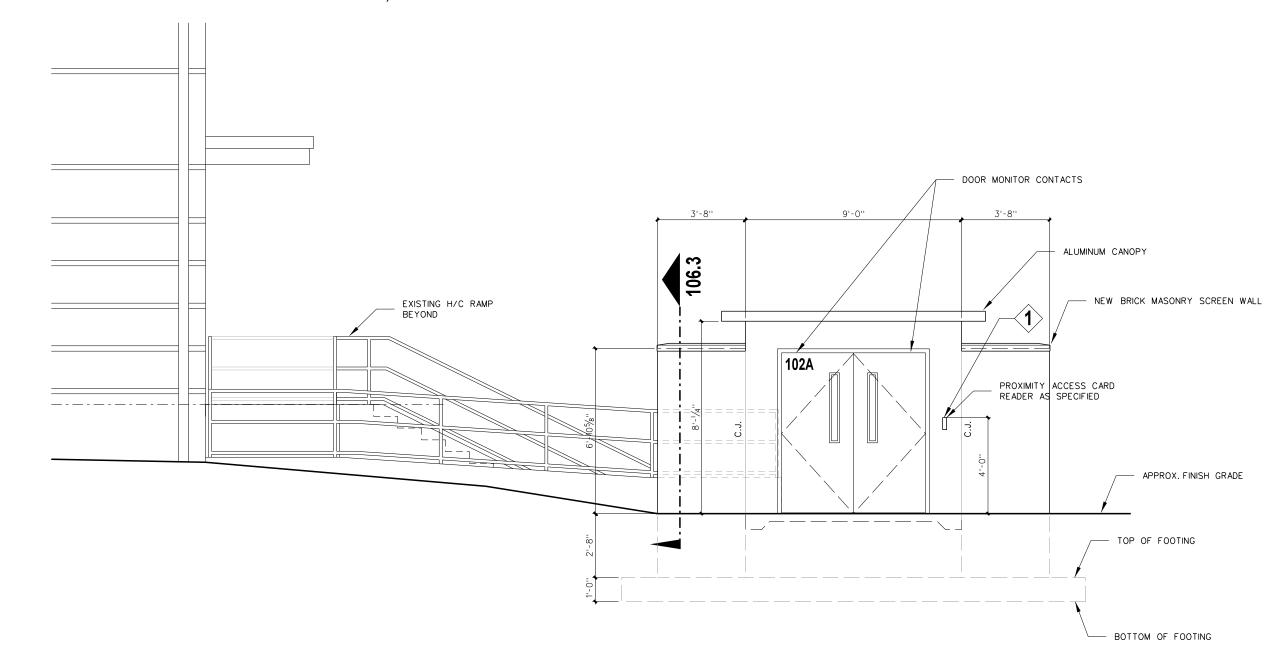
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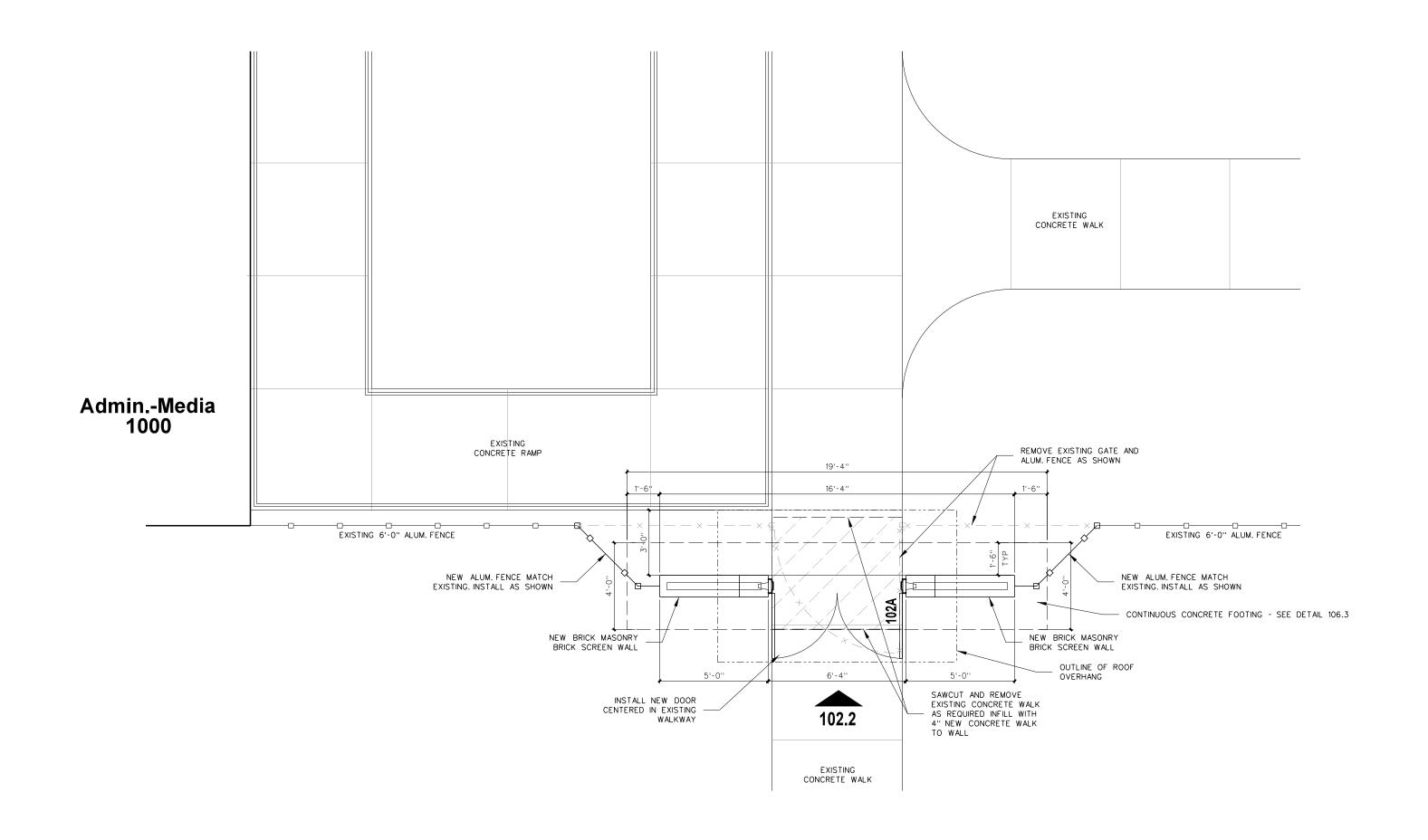
101.3 DOOR ELEVATION SCALE: 1/4" = 1'-0"

SECURE EXIT DOOR NOTES:

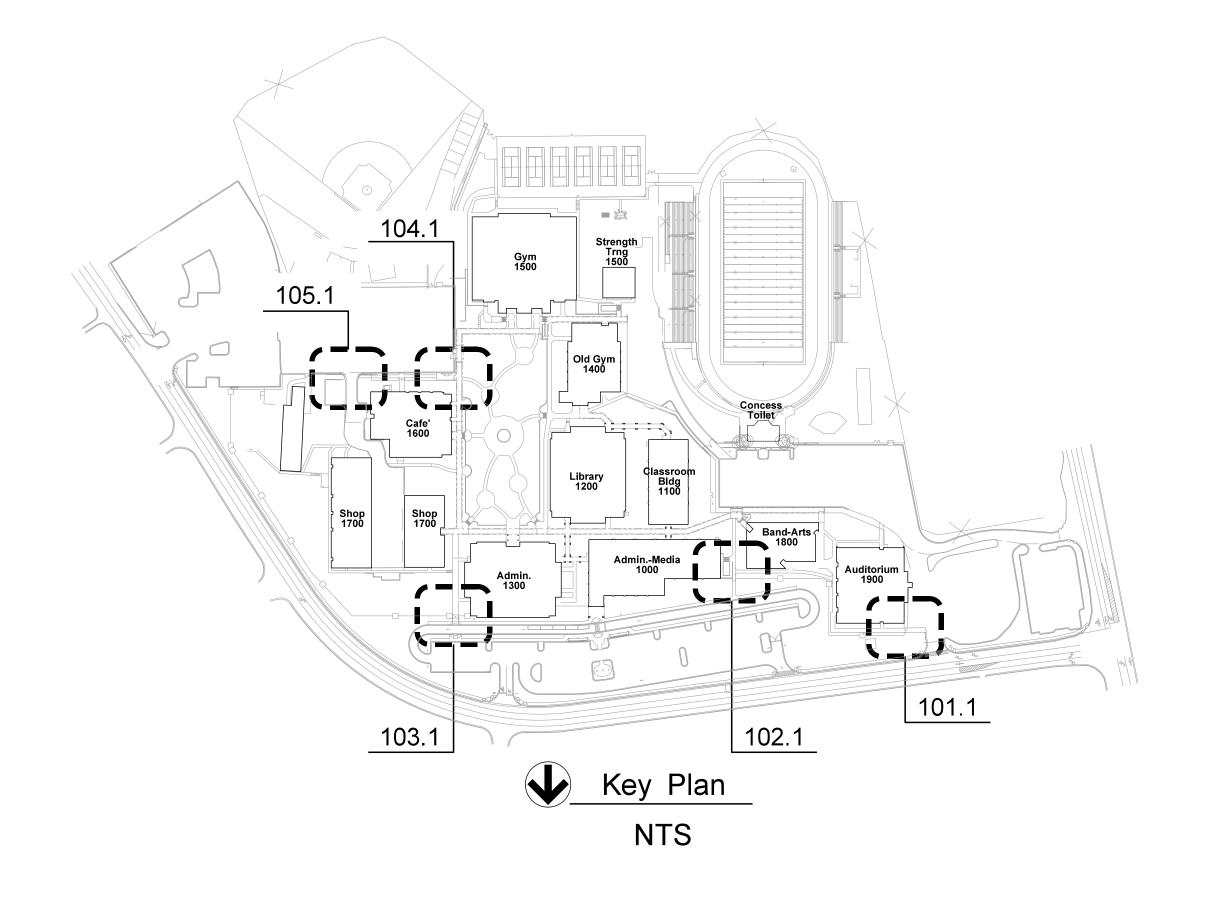
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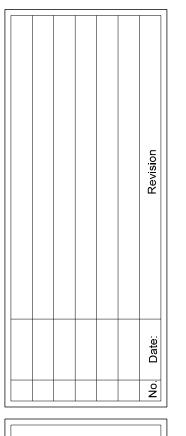


102.2 SECURITY SCREEN WALL - NORTH ELEVATION



102.1 SECURITY SCREEN WALL PLAN





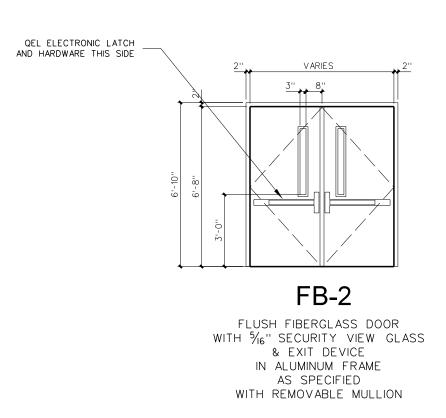


Project No. 22239 Dote: 13 March 2023

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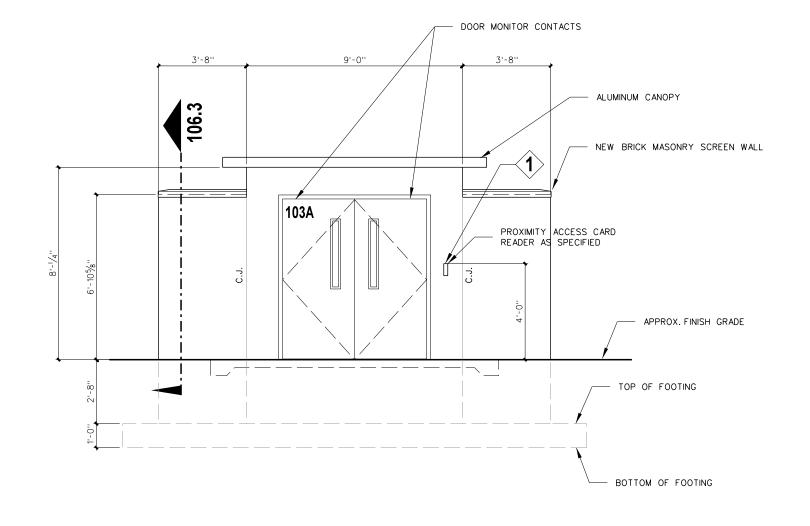


101.3 DOOR ELEVATION SCALE: 1/4" = 1'-0"

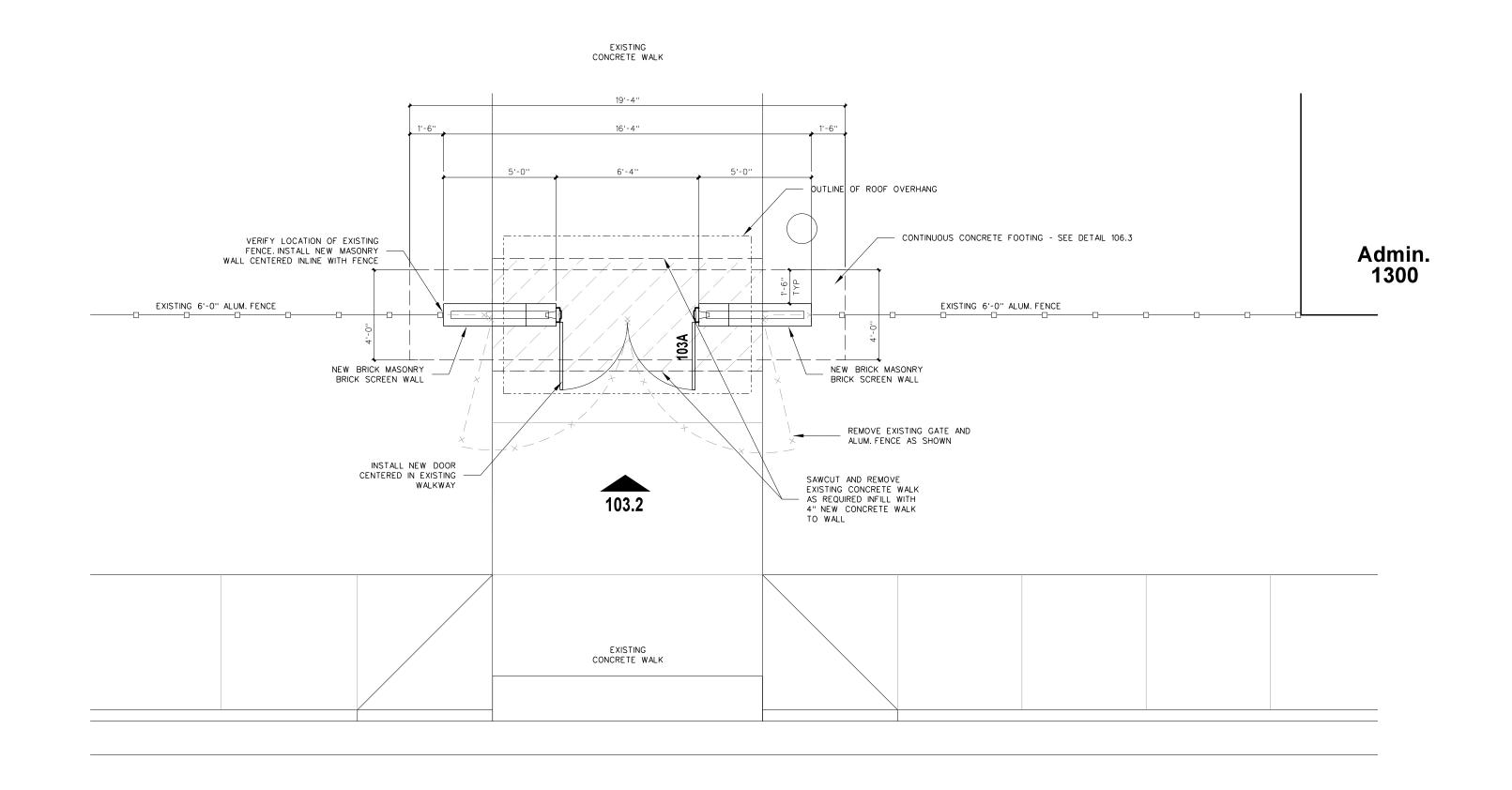
SECURE EXIT DOOR NOTES:

- 1. ALL DOORS TO BE 1.75"THK x 36"W x 80"HT
 2. ALL FRAMES SHALL BE 4.5" WIDE ALUMINUM AND RECEIVE HINGES AS SPECIFIED.
- 3. ALL DOORS TO BE INSTALLED WITH EXIT DEVICE AND CLOSURE WITH BACKSTOP. AT PAIRS OF DOORS, PULL SIDE, PROVIDE PULL OR LEVER RIGHT SIDE ONLY AND KEYED MULLIONS
- 4. PROVIDE CYLINDERS FOR KEYED MULLIONS SUPPLIED BY ALUMINUM DOOR
- 5. ALL DOOR OPENINGS TO RECEIVE S2 ELECTRONICS WITH THROUGH-HINGE DELIVERY TO EXIT DEVICES, RIGHT SIDE ONLY AT PAIRS. ROUGH INS, CONDUITS, AND S2

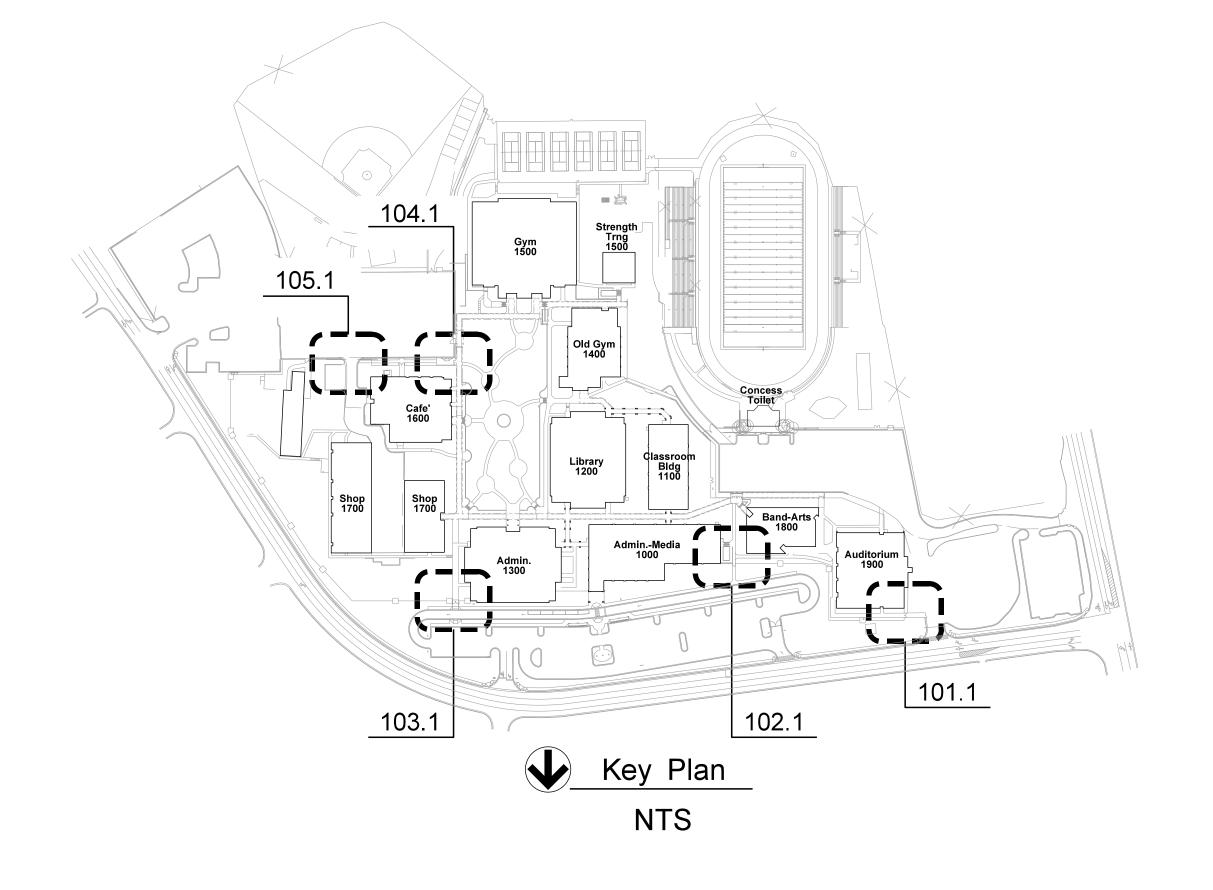
COMPONENTS AND WIRING BY OWNER VENDOR, COORDINATION BY GC.

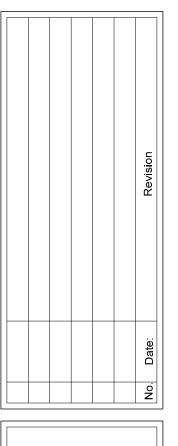


103.2 SECURITY SCREEN WALL - NORTH ELEVATION



103.1 SECURITY SCREEN WALL PLAN





HITE 3880CIBLES
ARCHITECTURE / PLANNING / TECHNOLOGY



Sounty High Schools ash Street, Sanford, NC 27330

Project No.
22239

Date:
13 March 2023

Drawing no.

13 March 2023

Drawing no.

103

PLAN KEY NOTE / ACCESS CONTROL NOTES / GENERAL NOTES (Apply Throughout)

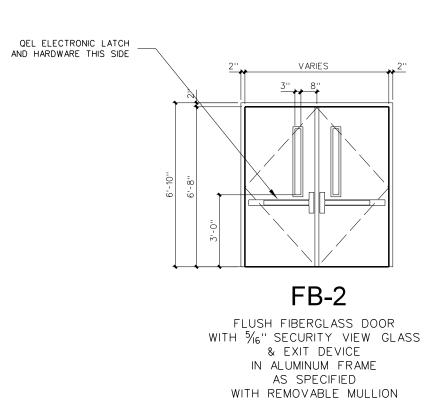
- 1) INSTALL SURFACE MOUNTED PROXIMITY CARD READER UNIT AS SHOWN 48" AFF TO TOP OF UNIT.
- GENERAL NOTE: PROVIDE DOOR CONTACTS ON ALL ACCESS CONTROLLED DOORS.
- GENERAL NOTE: ALL ACCESS CONTROL NETWORK NODES TO BE PROVIDED IN THE SCHOOL IDF AND MDF ROOMS, FINAL LOCATIONS AS DIRECTED BY OWNER.
- GENERAL NOTE: PROVIDE ALL POWER SUPPLIES, CONDUIT AND WIRING AS REQUIRED FOR ALL ELECTRIFIED DOOR LOCKING HARDWARE. OBTAIN POWER FROM ADJACENT BUILDING CIRCUIT.
- (5) GENERAL NOTE: ALL HARDWARE AND DEVICE INSTALLATIONS SHALL INTERFACE WITH EXISTING DOOR ACCESS CONTROL STATIONS.

HARDWARE / EQUIPMENT LEGEND (All hardware / equipment specifications shall comply with Lee County School standards, and be compatible with new or existing S2 Security Access control Systems)

- 1. CARD READER UNIT: HID ICLASS CARD READER, MODEL S2-900PTNNEK00460-S2SEC, MINI-MULLION VERSION WHERE REQUIRED, PROVIDED BY THE DIV 17 ACCESS CONTROL CONTRACTOR.
- 2. ACCESS CONTROL SYSTEM FIELD PANEL: S2 NETWORK NODE, S2-NN-E2R-WM, HOUSING UP TO SEVEN (7) S2 APPLICATION BLADES, SUPPORTING UP TO 14 DOORS WITH NETWORK DROP - PROVIDED BY THE DIVISION 17 ACCESS CONTROL CONTRACTOR ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL POWER.
- 3. ACCESS CONTROL BASE STATION: COMPUTER SOFTWARE PROGRAM, INSTALLED ON OWNER'S PC. FOR SOFTWARE CONTROL OF CONNECTED DOORS - PROVIDED BY THE DIVISION 17 ACCESS CONTROL
- 4. <u>DOOR CONTACTS FOR EXISTING DOOR/FRAME:</u> SURFACE MOUNT SWITCH SETS, GRI 4460 SERIES, 4463A, MINIATURE ALUMINUM, GEORGE RISK INDUSTRIES - PROVIDED BY THE DIVISION 17 ACCESS CONTROL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE RACEWAY TO DOOR FRAME.
- 5. POWER SUPPLIES: FOR ALL POWERED LOCKING HARDWARE / EXIT DEVICES. PROVIDED AND INSTALLED BY DIV 8 DOOR HARDWARE SUPPLIER.
- 6. VON DUPRIN QUIET ELECTRIC LATCH RETRACTION: QEL EXIT DEVICE 98/99 SERIES. PROVIDED AND INSTALLED BY DIV 8 DOOR HARDWARE SUPPLIER.
- 7. EPT ELECTRIC POWER TRANSFER (FRAME TO DOOR WIRING PATH): VON DUPRIN MODELS EPT 2, EPT 10, EPT10C (AS APPLICATION REQUIRES), FOR USE WITH VON DUPRIN QEL EXIT DEVICES. PROVIDED AND INSTALLED BY DIV 8 DOOR HARDWARE SUPPLIER.
- 8. WORK OF ALL DIVISIONS SPECIFICATIONS BY GENERAL CONTRACTOR INCLUDING COORDINATION OF WORK BY DIVISION 16 AND 17 SUBCONTRACTORS WORK IS TO BE COMPLETE IN ALL RESPECTS, INCLUDING POWER AND CONNECTIONS FOR BOTH NEW AND RELOCATED ITEMS AS SHOWN.

BU NOT LIMITEDS TO, FLOORING , PAINT, WALLS CEILINGS, ETC.

9. GENERAL NOTE: PATCH AND RESTORE ALL DISTURBED FINISHES TO AMTCH ADJACENT SURFACES; I.E. INCLUDING

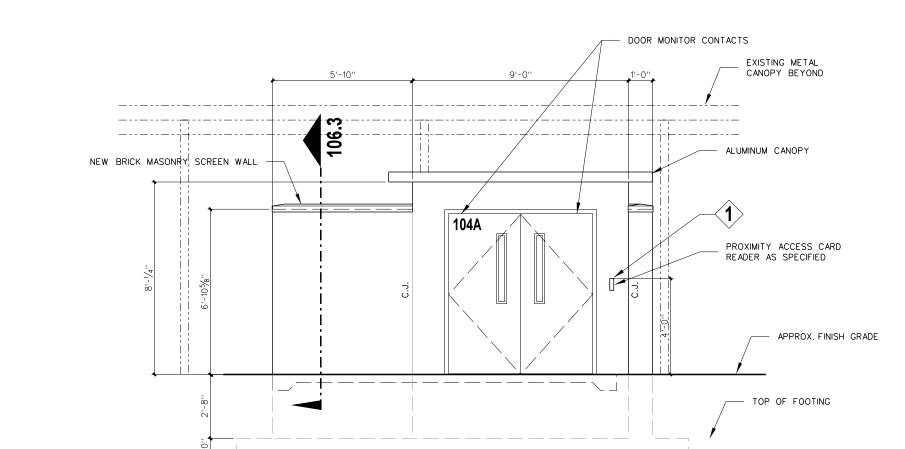


101.3 DOOR ELEVATION SCALE: 1/4" = 1'-0"

SECURE EXIT DOOR NOTES:

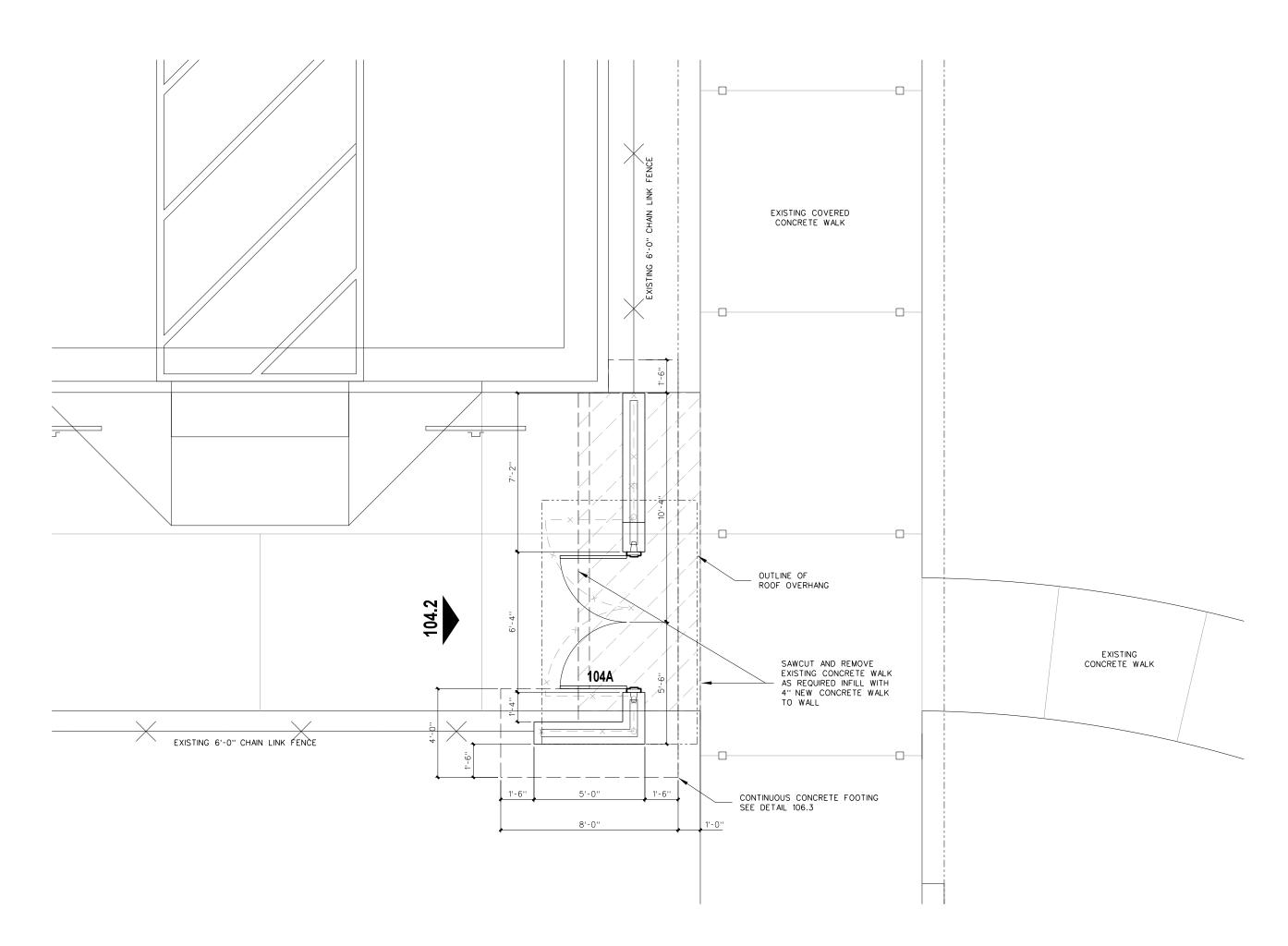
- 1. ALL DOORS TO BE 1.75"THK x 36"W x 80"HT
- 2. ALL FRAMES SHALL BE 4.5" WIDE ALUMINUM AND RECEIVE HINGES AS SPECIFIED. 3. ALL DOORS TO BE INSTALLED WITH EXIT DEVICE AND CLOSURE WITH BACKSTOP. AT PAIRS OF DOORS,
- PULL SIDE, PROVIDE PULL OR LEVER RIGHT SIDE ONLY AND KEYED MULLIONS 4. PROVIDE CYLINDERS FOR KEYED MULLIONS SUPPLIED BY ALUMINUM DOOR
- 5. ALL DOOR OPENINGS TO RECEIVE S2 ELECTRONICS WITH THROUGH-HINGE DELIVERY TO EXIT DEVICES, RIGHT SIDE ONLY AT PAIRS. ROUGH INS, CONDUITS, AND S2

COMPONENTS AND WIRING BY OWNER VENDOR, COORDINATION BY GC.

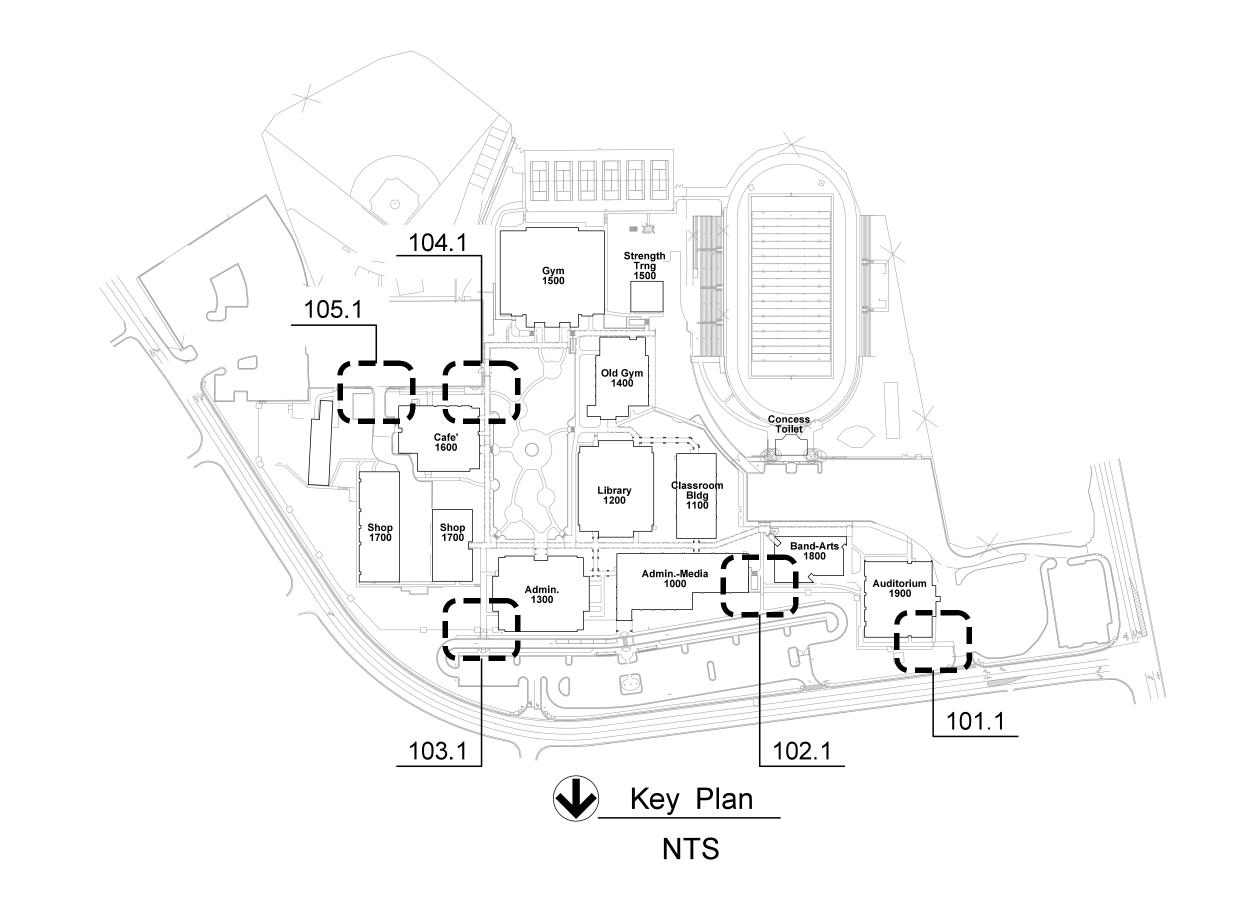


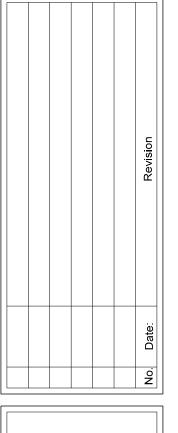
104.2 SECURITY SCREEN WALL - EAST ELEVATION

- BOTTOM OF FOOTING



104.1 SECURITY SCREEN WALL PLAN SCALE: 1/4" = 1'-0"







Project No. 22239 Dote: 13 March 2023

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PLAN KEY NOTE / ACCESS CONTROL NOTES / GENERAL NOTES (Apply Throughout)

- 1) INSTALL SURFACE MOUNTED PROXIMITY CARD READER UNIT AS SHOWN 48" AFF TO CENTER OF UNIT U.O.N
- GENERAL NOTE: PROVIDE DOOR CONTACTS ON ALL ACCESS CONTROLLED DOORS.
- GENERAL NOTE: ALL ACCESS CONTROL NETWORK NODES TO BE PROVIDED IN THE SCHOOL IDF AND MDF ROOMS, FINAL LOCATIONS AS DIRECTED BY OWNER.
- GENERAL NOTE: PROVIDED ALL POWER SUPPLIES, AS REQUIRED FOR ALL ELECTRIFIED DOOR LOCKING HARDWARE, LOCATED ABOVE ADJACENT CEILINGS. PROVIDED BY DIV 8 DOOR HARDWARE SUPPLIER. TIED IN BY E.C.
- GENERAL NOTE: ALL HARDWARE AND DEVICE INSTALLATIONS SHALL INTERFACE WITH EXISTING DOOR ACCESS CONTROL STATIONS.

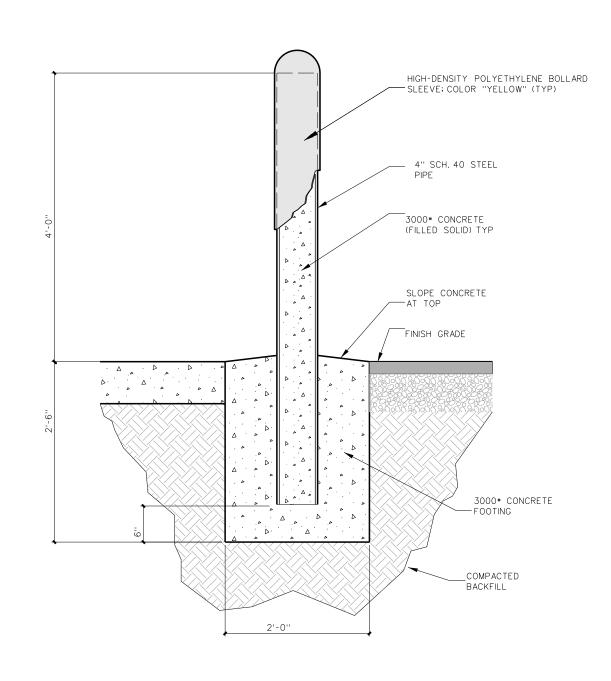
HARDWARE / EQUIPMENT LEGEND (All hardware / equipment specifications shall comply with Lee County School standards, and be compatible with new or existing S2 Security Access control Systems)

- 1. <u>CARD READER UNIT:</u> HID ICLASS CARD READER, MODEL S2-900PTNNEK00460-S2SEC, MINI-MULLION
- VERSION WHERE REQUIRED. PROVIDED BY THE DIV 17 ACCESS CONTROL CONTRACTOR.

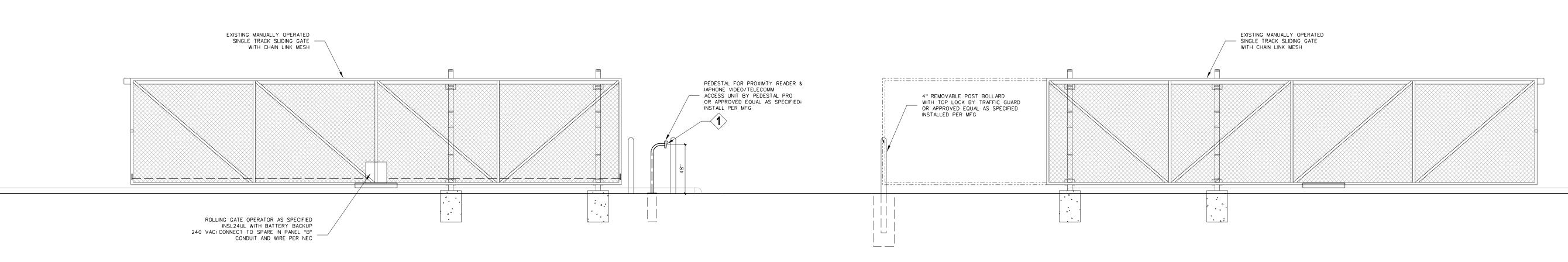
 2. ACCESS CONTROL SYSTEM FIELD PANEL: S2 NETWORK NODE, S2-NN-E2R-WM, HOUSING UP TO SEVEN (7) S2 APPLICATION BLADES, SUPPORTING UP TO 14 DOORS WITH NETWORK DROP PROVIDED BY THE DIVISION 17 ACCESS CONTROL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE
- 3. ACCESS CONTROL BASE STATION: COMPUTER SOFTWARE PROGRAM, INSTALLED ON OWNER'S PC.
 FOR SOFTWARE CONTROL OF CONNECTED DOORS PROVIDED BY THE DIVISION 17 ACCESS CONTROL
- 4. <u>DOOR CONTACTS FOR EXISTING DOOR/FRAME:</u> SURFACE MOUNT SWITCH SETS, GRI 4460 SERIES, 4463A, MINIATURE ALUMINUM, GEORGE RISK INDUSTRIES PROVIDED BY THE DIVISION 17 ACCESS CONTROL CONTRACTOR ELECTRICAL CONTRACTOR TO PROVIDE RACEWAY TO DOOR FRAME.
- 5. <u>POWER SUPPLIES:</u> FOR ALL POWERED LOCKING HARDWARE / EXIT DEVICES. PROVIDED AND INSTALLED BY DIV 8 DOOR HARDWARE SUPPLIER.

ELECTRICAL POWER.

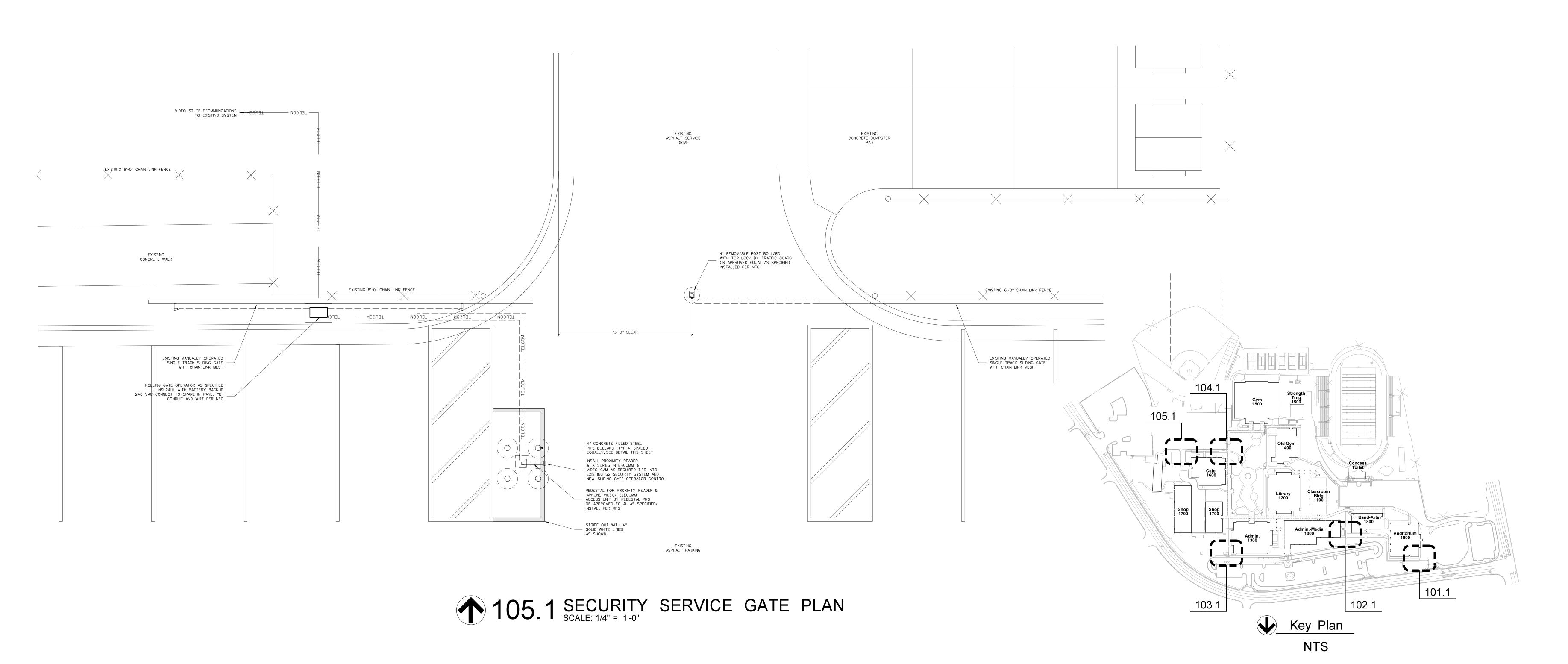
- 6. <u>VON DUPRIN QUIET ELECTRIC LATCH RETRACTION:</u> QEL EXIT DEVICE 98/99 SERIES. PROVIDED AND INSTALLED BY DIV 8 DOOR HARDWARE SUPPLIER.
- 7. <u>EPT ELECTRIC POWER TRANSFER (FRAME TO DOOR WIRING PATH):</u> VON DUPRIN MODELS EPT 2, EPT 10, EPT10C (AS APPLICATION REQUIRES), FOR USE WITH VON DUPRIN QEL EXIT DEVICES. PROVIDED AND INSTALLED BY DIV 8 DOOR HARDWARE SUPPLIER.
- 8. WORK OF ALL DIVISIONS SPECIFICATIONS BY GENERAL CONTRACTOR INCLUDING COORDINATION OF WORK BY DIVISION 16 AND 17 SUBCONTRACTORS. WORK IS TO BE COMPLETE IN ALL RESPECTS,
- INCLUDING POWER AND CONNECTIONS FOR BOTH NEW AND RELOCATED ITEMS AS SHOWN.
 GENERAL NOTE: PATCH AND RESTORE ALL DISTURBED FINISHES TO AMTCH ADJACENT SURFACES; I.E. INCLUDING BU NOT LIMITEDS TO, FLOORING, PAINT, WALLS CEILINGS, ETC.



105.3 STEEL PIPE BOLLARD DETAIL



105.2 SECURITY SERVICE GATE ELEVATION



No. Date: Revision

HITE 3890 CIBLES

ARCHITECTURE / PLANNING / TECHNOLOGY

2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-03.



Lee County High Schools
Tob Nash Street, Sanford, NC 27330

Project No.
22239

Date:
13 March 2023

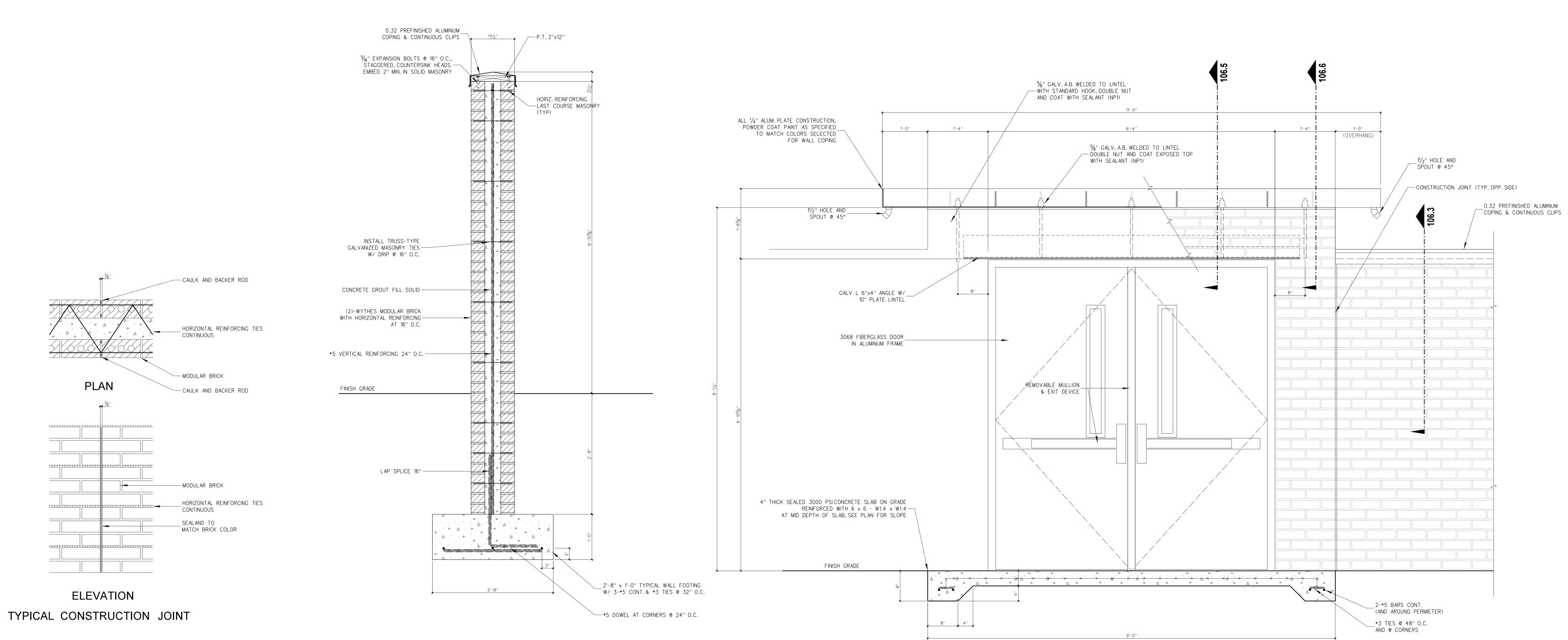
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106.5 SCREEN WALL SECTION AT DOOR

___ 10" PLATE LINTEL

106.2 PLAN VIEW METAL ROOF DETAIL AT DOOR



106.4 MASONRY JOINT DETAIL SCALE: 3/4" = 1'-0"

106.3 TYPICAL BRICK MASONRY SCREEN WALL

106.1 ELEVATION METAL ROOF DETAIL AT DOOR

No. Date: Revision

HITE ASSOCIATES REHITECTURE / PLANNING / TECHNOLOGY

REGISTERED

RECISTERED

RECIST

Lee County High Schools

Lee County Schools

1708 Nash Street, Sanford, NC 27330

Project No.
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