HORRY GEORGETOWN TECHNICAL COLLEGE

HGTC GEORGETOWN - BLDG 100 EXTERIOR RENOVATIONS

State Project Number: H59-N056-CB Liollio Project Number: 19701

4003 S Fraser St Georgetown, SC 29440



147 Wappoo Creek Drive Suite 400 Charleston, SC 29412

T: 843.762.2222

08/14/2020

CONSTRUCTION DOCUMENTS



OWNER 2050 Highway 501 East Conway, SC 29526 Dianna Cecala dianna.cecala@hgtc.edu 843.349.5207



GEORGETOWN TECHNICAL COLLEGE

Liollio Architecture, Inc.

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RMF Engineering, Inc.

ELECTRICAL 194 Seven Farms Drive, Suite G Charleston, SC 29492 Craig Buck, PE, LEED AP craig.buck@rmf.com Zachary Bauer Tel: 843.971.9639

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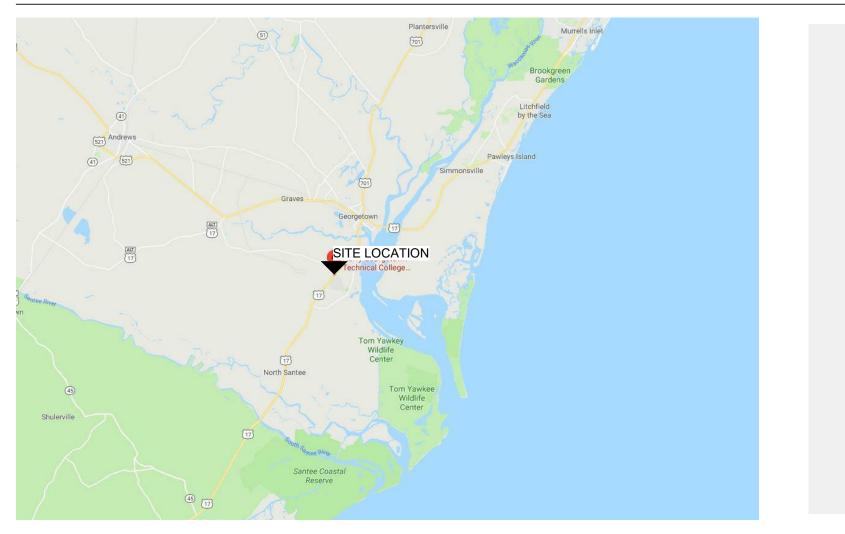
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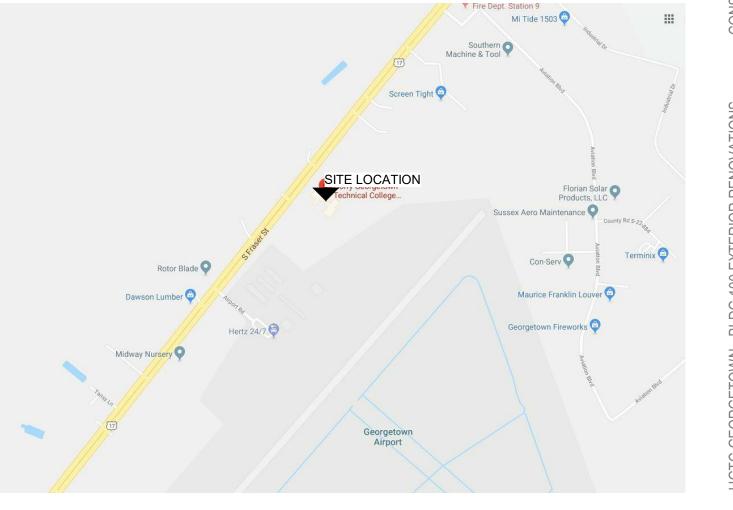
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NTS

IMAGE FOR REFERENCE ONLY

REGION MAP





SITE MAP

NTS

PROJECT INFORMATION

THIS PROJECT IS A RENOVATION OF THE EXISTING BLDG. 100 AT THE GEORGETOWN CAMPUS OF HORRY GEORGETOWN TECHNICAL COLLEGE. THE SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO:

- REPAINTING OF EXTERIOR BRICK AND METAL ROOFING OF THE
- ORIGINAL BUILDING PORTIONS
- REMOVAL AND REPLACEMENT OF EXISTING DOORS AND WINDOWS FACING THE INNER COURTYARDS
- REPAINTING OF EXISTING WOOD CANOPIES ALONG INNER COURTYARDS INCLUDING METAL ROOF, GUTTERS, DOWNSPOUTS, & STEEL COLUMNS.
- A WOOD CEILING WILL BE ADDED TO THE EXISTING CANOPIES INCLUDING EXTERIOR LIGHTING

THIS SCOPE OF WORK WILL BE CONDUCTED IN COORDINATION WITH ONE OTHER PHASE OF CAMPUS RENOVATIONS IN AN EFFORT TO MODERNIZE THE FACILITIES OF THE GEORGETOWN CAMPUS. THE OTHER PHASED WORK WILL CONSIST OF SITEWORK/LANDSCAPE WORK THAT WILL BE DONE TO ENHANCE THE COURTYARDS.

THIS DESCRIPTION PROVIDED FOR REFERENCE ONLY. SEE DRAWINGS FOR DETAILED INFORMATION ON REQUIRED WORK & SCOPE OF PROJECT.

DESIGN CRITERIA

CODES: IBC 2018 / ASCE 7-16

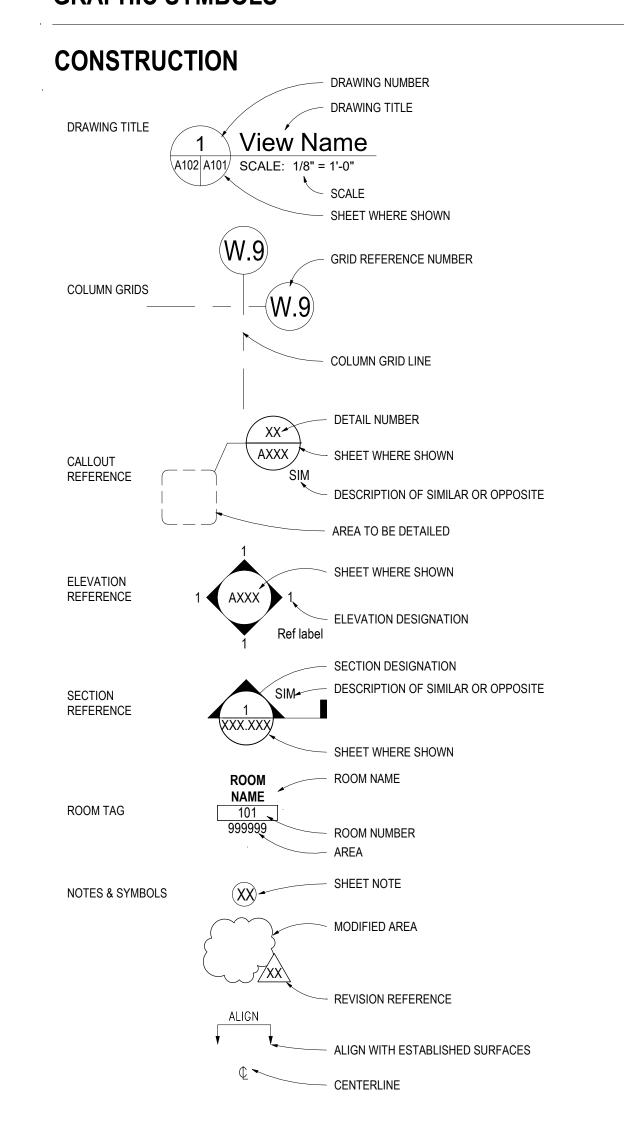
WIND LOAD: ASCE 7-16
RISK CATEGORY III

157 mph (ULT) WIND ZONE 3

COMPONENTS AND CLADDING DESIGN PRESSURE:

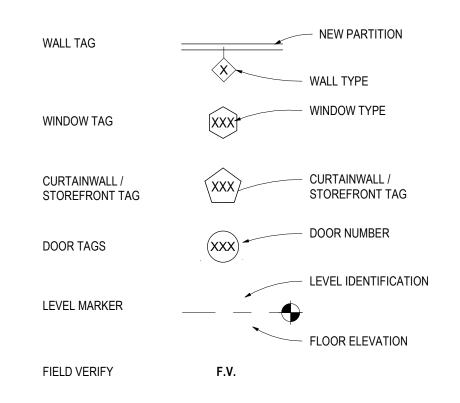
BASIC WIND PRESSURE (QZ): 48.27

GRAPHIC SYMBOLS



GRAPHIC SYMBOLS

CONSTRUCTION



GRAPHIC SYMBOLS

SECTION INDICATIONS

SAND OR GROUT

CONCRETE

BRICK

CONCRETE MASONRY UNIT

METAL

NON-FERROUS ALUMINUM

PLYWOOD

WOOD (FINISH)

WOOD (CONTINUOUS)

WOOD (BLOCKING)

INTERRUPTED MEMBER

INSULATION (LOOSE OR BATT)

INSULATION (RIGID)

GLASS (LARGE SCALE)

GYPSUM BOARD

iolio architecture

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G001
PROJECT
INFORMATION &
FINISH LEGEND

FINISH LEGEND

PAINT

CODE: P2

PAINTING
CODE: P1
MANUFACTURER: SHERWIN WILLIAMS
NUMBER:SW7064
COLOR: PASSIVE
FINISH: MATTE
LOCATION: EXTERIOR BRICK
NOTE:LOW VOC
PAINTING

MANUFACTURER: TREMCO
COLOR: CUSTOM COLOR; MATCH P3
FINISH: SEMI-GLOSS
LOCATION: METAL ROOFING
NOTE:LOW VOC. REFER TO SPECIFICATIONS

PAINTING
CODE: P3

PAINTING
CODE: P3
MANUFACTURER: SHERWIN WILLIAMS
NUMBER:SW 7674
COLOR: PEPPERCORN
FINISH: SEMI-GLOSS
LOCATION: GUTTERS, DOWNSPOUTS,
COLUMNS, & EXISTING WINDOW FRAMES
NOTE:LOW VOC

EXTERIOR WOOD

WOOD SOFFIT
CODE: WD-1
DESCRIPTION: T&G WOOD BOARD

SPECIES:CYPRESS
SIZE: 1 X 3.5"
FINISH: SMOOTH FINISH W/ CLEAR SEALER
NOTE:NO. 1 GRADE

VENTILATION

SOFFIT AIR VENT
CODE: AV-1
DESCRIPTION: BASIS OF DESIGN
MANUFACTURER: AIR VENT INC
MATERIAL:ALUMINUM
TYPE:ROUND PERFORATIONS
NUMBER:SV201 & SV351
SIZE: 2" CONTINUOUS
COLOR: P3
FINISH: FACTORY PRIME & PAINT
LOCATION: EXTERIOR SOFFIT
NOTE:SEE CANOPY DETAILS

STOREFRONT

ALUMINUM STOREFRONT
CODE: SF-1
DESCRIPTION: BASIS OF DESIGN YKK
COLOR: CHARCOAL, AS SELECTED FROM
MANUF. FULL RANGE
LOCATION: EXTERIOR WINDOWS & DOORS

MOCK UP PANEL REQUIRED FOR APPROVAL BY OWNER AND ARCHITECT:

IN PLACE PAINT FINISHES MOCK UP IS REQUIRED PRIOR TO ANY FINISH / COLOR APPROVALS. MOCK UP TO BE LOCATED WHERE IT CAN BE REVIEWED IN DIRECT SUN; TWO LOCATIONS WILL BE REQUIRED.

-12" LONG FINISH SAMPLE OF ALUMINUM STOREFRONT COLOR CHIP (LOOSE SAMPLE IS ACCEPTABLE)

- (3) SHADES OF BRICK PAINT IN PLACE
- (3) SHADES OF METAL PANEL ROOF PAINT (LOOSE SAMPLES ARE ACCEPTABLE)

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NOTE: Where a fire wall is necessary to separate buildings, each building is to be provided individual code criteria tables 3 through 14. See IBC 503.1.2.

CONSTRUCTION CLASSIFICATION	N CLASSIFICATION Type: Type II-B* (Existing) (IBC 602)		C 602)
OCCUPANCY CLASSIFICATION (indicate all) (Note IBC 504.2)	B-Business (Existing) (IBC 302)		
MOST RESTRICTIVE OCCUPANCY CLASSIFICATION	B-Business (Existi	ng) (IBC Tables 50	04.3, 504.4 & 506.2)
Does building require Incidental Use Area Separation?	Yes No	(IBC 509.1)	Existing**
Does building have Accessory Occupancy (ies)? If so, what percent of story is Accessory Occupancy?	Yes 🗌 No 🗌	(IBC 508.2)	Existing** SF Existing** %
Mixed Occupancy	Yes 🗌 No 🗌	(IBC 508)	Existing**
Non separated	Yes 🗌 No 🗌	(IBC 508.3)	Existing**
Separated	Yes No	(IBC 506.2.2) (IBC 506.2.4) (IBC 508.4)	Existing**
2-way Communication Required	Yes 🗌 No 🗌	(IBC 1009.8) (IBC 1009.6.5)	Existing***
Fire Apparatus Access and Water Line	Yes 🗌 No 🗌	(IFC 503 & 507)	Existing***

OTHER FIRE PROTECTION SYSTEMS, DEVICES or FEATURES

If the building has any special or notable fire protection or safety feature or hazard the designers should list them here, describe the performance characteristics and refer to locations in construction documents. (e.g. fire extinguishers, smoke-evacuation/control/compartments. Note IBC 414.1.3.)

*Based on analysis of limited as-built drawings provided by the owner and non-destructive site observations, the existing building appears to be most consistent with IBC 2018 requirements for Type II-B construction including non-combustible walls (CMU with masonry veneer exterior and CMU/metal stud interior), and non-combustible floor (concrete slab on grade).

**The occupancy type for the area of work is Group B. Separation (if any) between areas is not verified as part of this renovation, as the occupancy type is not altered under this scope of work.

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AREA LIMIT BY TABLE 506.2 OF IBC	23,000 (area limitation	SF per story)
AREA INCREASES BY SECTION 506.2 AND 506.3 OF IBC EXPLANATION OF INCREASES:	N/A Exist* (maximum mod	SF dified area per story)
AREA AS ALLOWED IN IBC PER STORY Story/Level: Story/Level: Story/Level: Story/Level: TOTAL ALLOWED AREA OF BUILDING (summary of all stories)	N/A Exist*	SF (area per story)
AREA AS DESIGNED PER STORY Story/Level: Story/Level: Story/Level: Story/Level: Story/Level:	N/A Exist*	SF (area per story)
TOTAL DESIGNED AREA OF BUILDING (summary of all stories)	N/A Exist*	SF

*Scope of work does not include any revisions to the existing building area

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		A	В	C	D	
STORY/ LEVEL	FUNCTION OF SPACE (1)	FLOOR AREA ⁽²⁾ (NSF or GSF)	MAX AREA ALLOWED PER OCCUPANT ⁽³⁾ (NSF or GSF)	OCCUPANTS ON FLOOR FOR THIS FUNCTION (4)	DESIGN OCCUPAN LOAD (5)	
	Business*	Existing	E <u>xisting</u>	Existing		
		£	-	S		
1		81	-			
	N	\$2 <u></u>	(<u>)</u>	W <u></u>		
	Subtotal Design Occupant Load	d for This Story			Existing	
	Business*	Existing	Existing	Existing	24, 43	
}		72 <u></u>	<u> </u>			
2	P		10	10 10 10 10 10 10 10 10 10 10 10 10 10 1		
	r 		<u></u>	<u> </u>		
	Subtotal Design Occupant Load	d for This Story			E <u>xisting</u>	
	PM	(1	P	N <u>2</u>		
	<u></u>	:: <u> </u>	<u> </u>	%		
N/A	<u>C</u> ——→7	p	<u></u>	S 	50	
	<u></u>	<u> </u>) 			
	Subtotal Design Occupant Load for This Story					
	C	19	<u> </u>	© <u></u> 2		
	F 0	N) 	:		
N/A	<u>□</u>	1 		2 		
	<u> </u>			\$ \$		
	Subtotal Design Occupant Load	d for This Story			n 	
	(10) 	0 3		
M32040000		ş ———		3 5		
N/A	<u></u>					
542			<u> </u>	8		
	Subtotal Design Occupant Load	d for This Story			% 	
TOTAL B	UILDING DESIGN OCCUPAN	Γ LOAD			(6)	

*Existing building use, occupancy group and occupant load is unchanged by the cope of work.

Subtotal all Column C values for this floor to yield the Design Occupant Load (5)
Total Building Design Occupant Load –sum of all Column D value (6)

Allowed Floor Areas in SF per Occupant per right column in Table 1004.5 of the IBC (3)

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Divide Column A (2) by Column B (3) for each function and enter result, rounded up to the nearest whole person (4)

SEPARATIONS			
Fireblocking Required	Yes	No 🛮	per IBC Section 718
Draftstopping Required	Yes 🗌	No 🗶	per IBC Section 718
Smoke Control System Required	Yes	No 🗶	per IBC Section 909
Smoke Barriers Required	Yes 🗌	No 🗶	per IBC Section 407 and 408
Smoke Partitions Required	Yes 🗌	No 🗶	per IBC Section 407
Fire Partition Required	Yes 🗙	No 🗌	per IBC Section 708
Fire Barrier Required	Yes 🗙	No 🗌	per IBC Section 707
ALARM & DETECTION			
Fire Alarm System Required	Yes 🗶	No 🗌	per IFC Section 907
Emergency/Voice Alarm Communications System Required	Yes 🗌	No 🔀	per IFC Section 907.5.2.2
Emergency Alarm System Required	Yes 🗌	No 🗶	per IFC Section 908
SUPPRESSION			
Standpipes Required	Yes 🗌	No 🗶	per IFC Section 905
Sprinklers Required	Yes 🗌	No 🛮	per IFC Section 903
Sprinklers Provided	Yes 🗌	No 🛮	
Portable extinguishers required	Yes 🗙	No 🗌	per IFC 906
Other suppression systems required	Yes 🗌	No 🔀	per IFC 904
Smoke & heat vents required	Yes 🗌	No 🛮	per IFC 910
OTHER: (Indicate other provided fire and life	safety features not	listed above	, if any)
Emergency Responder Radio Coverage	Yes	No 🗙	per IFC Section 510

*All walls are existing to remain. Table 7 is completed as reference only should any new walls be required during construction. Scope of work is limited to exterior renovation. There are no new walls as part of this scope of work. The scope of work is a Level 1 Alteration to an Existing Building. Refer IEBC Section 703.1 for reference to maintain the level of fire protection provided.

TABLE 8 FIRE RESISTANCE RATING OF BUILDING ELEMENTS RATING AS RATING AS DESIGNERS AGENCY & BUILDING ELEMENT REQUIRED WALL/PARTITION DESIGNED DESIGN NO. (in hours) (in hours) KEY CODE (UL, FM, etc) Primary Structural Frame <u>N/A**</u> (per IBC Table 601) Bearing Walls Exterior _N/A** 74 (per IBC Table 601) Nonbearing Walls & Partitions Exterior <u>0*</u> Interior _N/A** (per IBC Table 601 & 602) Note footnote "d" from Table 601. Floor Construction including supporting beams & joists (per IBC Table 601) Roof Construction including supporting beams & joists (per IBC Table 601) Fire Walls (per IBC Section 706) Fire Barriers <u>N/A*</u>* (per IBC Section 707) 74 - TA Shaft Enclosures <u>N/A*</u>* N/A (per IBC Section 713) Fire Partitions (per IBC Section 708)

<u>N/A**</u>

N/A

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*Assuming interpretation of existing construction is not compatible with IBC 2018, Type II-B

**Existing conditions, not included as part of scope of work.

Opening & Protective Listing by

IBC Section 716)

(as required by Designer)

Category (fire shutters, doors, etc. per



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∆ Revision Date Description

HORRY GEORGETOWN

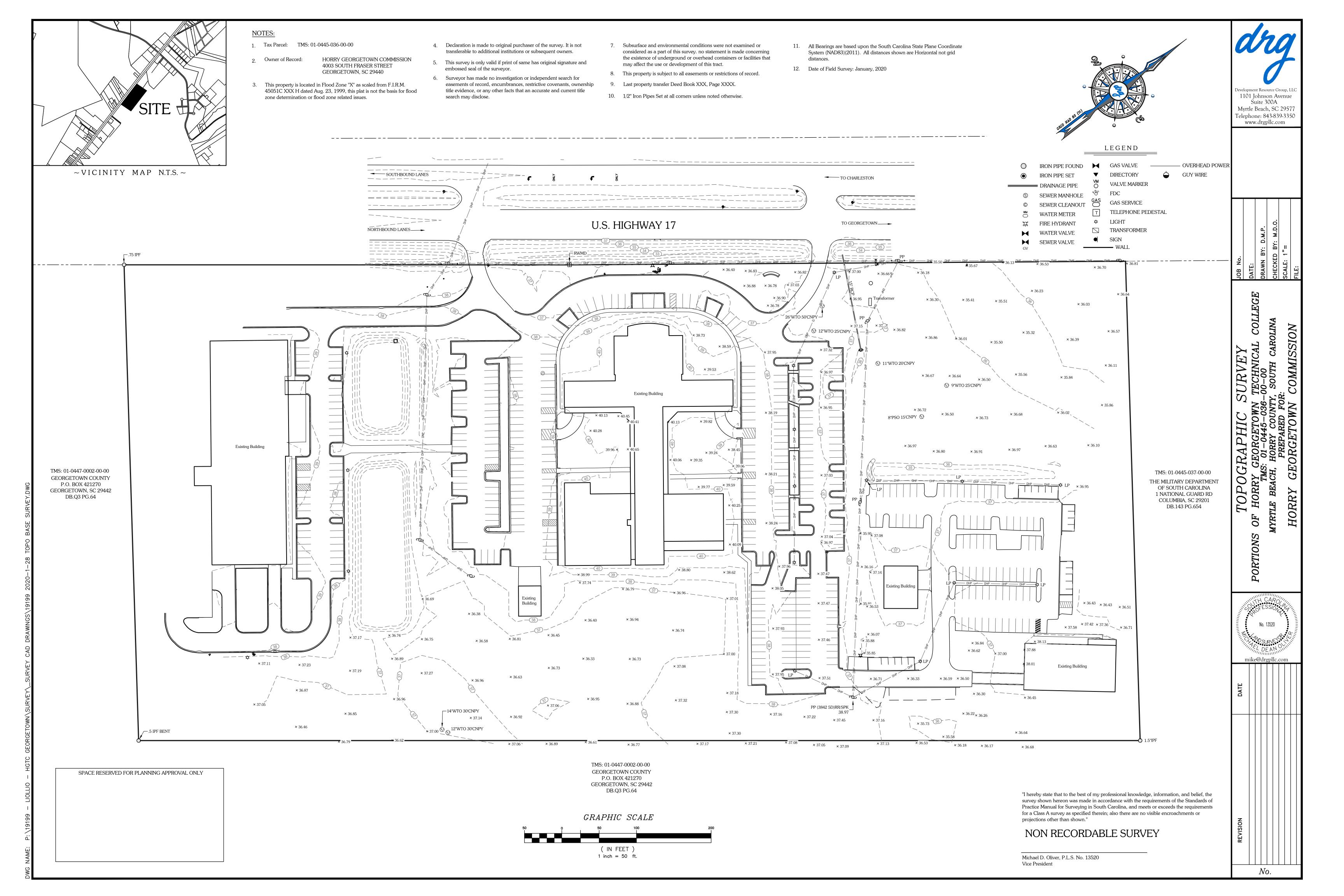
HGTC GEORGETOWN - BLDG 100 EXTERIOR RENOVATIONS

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G002 CODE REVIEW



∕CLÁSŚRÓOM∕, (B) OCCUPANCY /GROSS @ 150 SF _1,424 SF/_ /9.5 OCCUPANTS/ /CLASSROOM/ /(B) OCCUPANCY ⁄ĠŔOSS @ 150 SF´ / ˌ710 SF′ / ∕ 4.7 ÓCCUPANTS∕ **BOOKSTORE**/ /(B) OCCUPANCY/ ĆĠŔOSS @ 150 SF′ / 660 SF/ / ∕ 4.4 OCCUPANTS ∕ **OFFICE** ∕CLÁSŚRÓOM[∕] CLASSROOM / CLASSROOM STUDENT LOUNGE (B) OCCUPANCY (B)OCCUPANCY ,(B) OCCUPANCY∭(B) OCCUPANCY∭ /(B) OCCUPANCY/ CORRIDOR ĞROSS @ 150 SF∦ĞROSS @ 150 SF∕ GROSS @ 150 SF GROSS @ 150 SF /GROSS @ 150 SF ´,1,190 SF/_, /678 SF/ _1,309 SF/_ 2.9 OCCUPANTS /7.9 OCCUPANTS √4.5 OCCUPANTS 4.5 OCCUPANTS 8.7 OCCUPANTS · 36" 480 · 36" 480 · 36" 480 · **STORAGE** (B) OCCUPANCY ĠŔOSS @ 150 SF 1.8 OCCUPANTS CLASSROOM (B) OCCUPANCY GROSS @ 150 SF/ / /609 SF/ /4.1 OCCUPANTS / OFFICE (B) OCCUPANCY ∕GROSS @ 150 SF /7.0 OCCUPANTS/

SHEET NOTES

CODE NOTES:

CONTRACTOR TO COMPLY WITH 2018 INTERNATIONAL EXISTING BUILDING CODE (WITH SC MODIFICATIONS) AND ALL APPLICABLE CODES AND ORDINANCES AS REQUIRED BY THE COUNTY AND THE SC BUILDING CODES COUNCIL.

PER IEBC 2018 SECTION 602.1 THIS SCOPE OF WORK IS CATEGORIZED AS A LEVEL 1 ALTERATION.

SEE SHEETS G002-G003 FOR ADDITIONAL CODE INFORMATION

EXISTING EGRESS AND CIRCULATION ARE NOT REVISED AS PART OF THIS SCOPE OF WORK. CORRIDOR WALL RATINGS ARE ASSUMED TO BE 1 HOUR FIRE RATED PARTITIONS AS NOTED.

GC SHALL VERIFY EXISTING CONDITIONS AND NOTIFY DESIGNER IMMEDIATELY IF ANY DISCREPANCIES ARE IDENTIFIED.

SCOPE OF WORK IS LIMITED TO EXTERIOR OF EXISTING FACILITY. AREA NOT IN SCOPE HAS NOT BEEN VERIFIED. BUILDING OCCUPANCY IS NOT ALTERED IN THIS SCOPE OF WORK.

GENERAL NOTES:

GC TO SUBMIT PHASING PLAN TO MAINTAIN CLEAR EGRESS PATH AND COLLEGE OPERATIONS DURING CONSTRUCTION WHEN CAMPUS IS OCCUPIED.

LIFE SAFETY PLAN LEGEND

SYMBOLS

OCC.

COCUPANT LOAD

ROOM NAME
(TYPE) OCCUPANCY
OCC LOAD FACTOR
XX SF
OCC

OCC

COCUPANT LOAD

ROOM NAME,
OCCUPANCY, LOAD
FACTOR, SF, AND
OCCUPANT LOAD

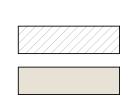
36" 180

DOOR LEAF SIZE, MAXIMUM OCCUPANT LOAD CAPACITY

..

EXISTING WALL ASSUMED TO BE 1-HOUR RATED PARTITION

OCCUPANCY TYPES



EDUCATIONAL (E)

NOT IN CONTRACT (N.I.C.)



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\triangle	Revision Date	Description

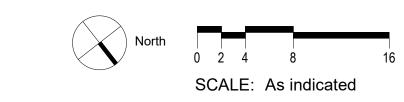
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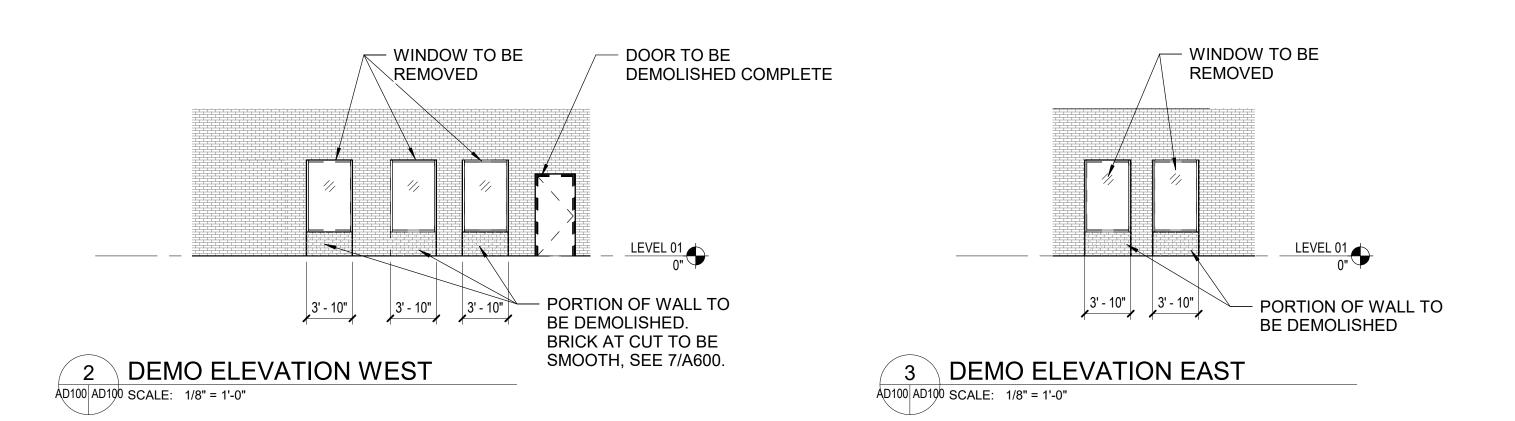
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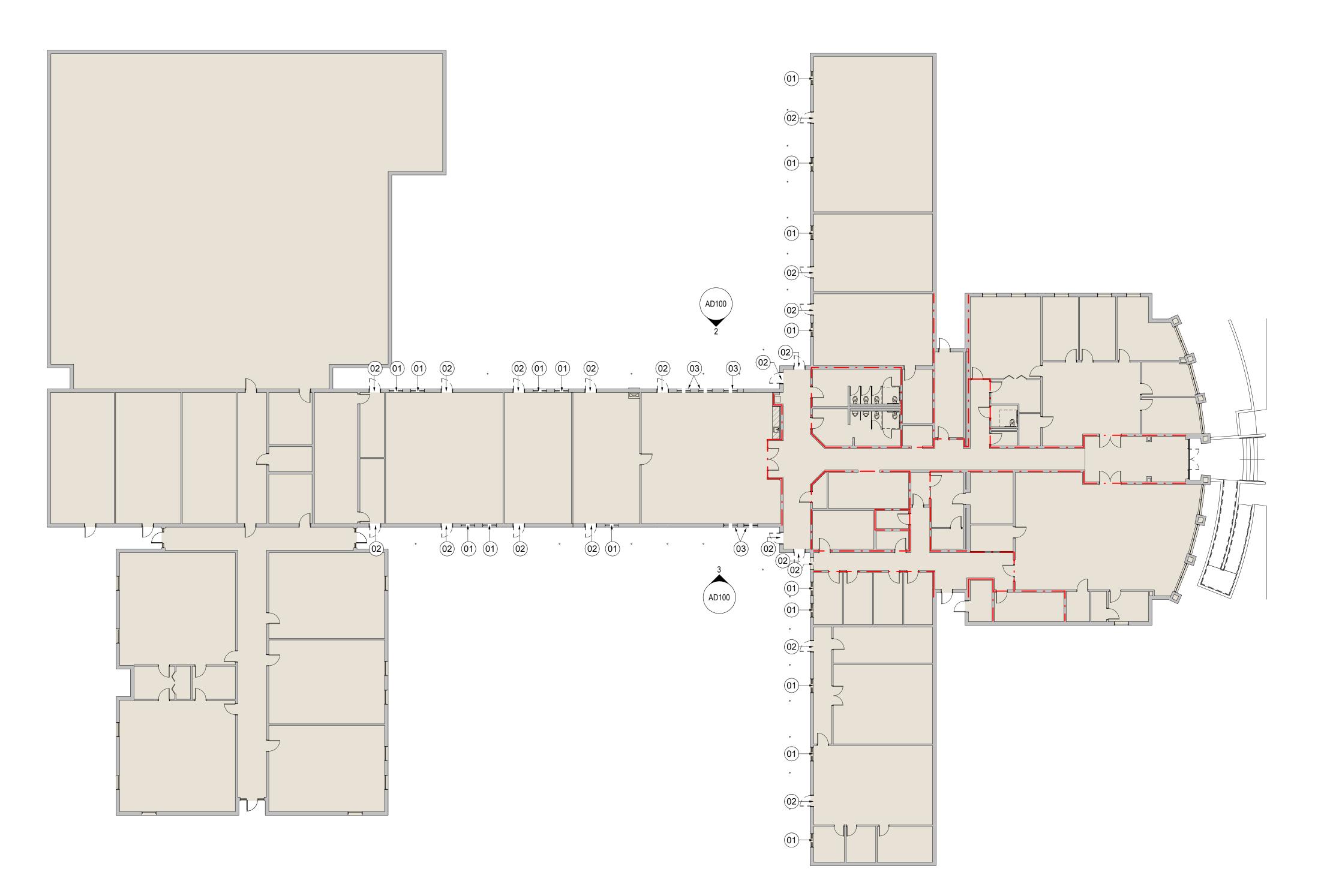
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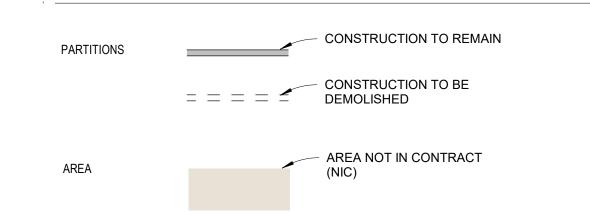
G101 LIFE SAFETY PLAN







DEMOLITION PLAN LEGEND



GENERAL NOTES - DEMOLITION

- A SHADED AREAS INDICATE AREAS NOT IN CONTRACT. COORDINATE WITH ENGINEER'S DRAWINGS FOR FULL EXTENT OF SCOPE.
- B ANY AREAS WHERE BRICK VENEER IS REMOVED IT SHALL BE DONE IN A MANNER FOR REUSE.
- C DASHED (BROKEN) LINES INDICATE ITEM (MATERIAL) TO BE REMOVED.
- D GC TO VERIFY EXACT EXISTING LIGHT LOCATIONS IN FIELD.

SHEET KEY NOTES - DEMOLITION

- (01) REMOVE WINDOW COMPLETE INCLUDING ALL ASSOCIATED FASTENERS, SEALANTS, FLASHING, ETC.
- ©2 REMOVE DOOR COMPLETE INCLUDING ALL ASSOCIATED FASTENERS, SEALANTS, FLASHING, ETC.
- 03 PROVIDE NEW OPENINGS IN WALL AS REQUIRED FOR NEW STOREFRONT. SALVAGE BRICK FOR OWNER REUSE. SEE ELEVATIONS AND DETAILS FOR FURTHER INFORMATION. NOTE: HEAD, JAMB, AND SILL CONDITIONS TO BE MODIFIED AS REQUIRED FOR A FINISH CONDITION. REFER TO DEMOLITION ELEVATIONS 2 AND 3 ON THIS SHEET.



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\triangle	Revision Date	Description

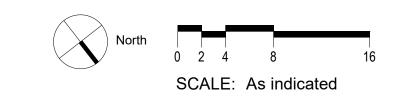
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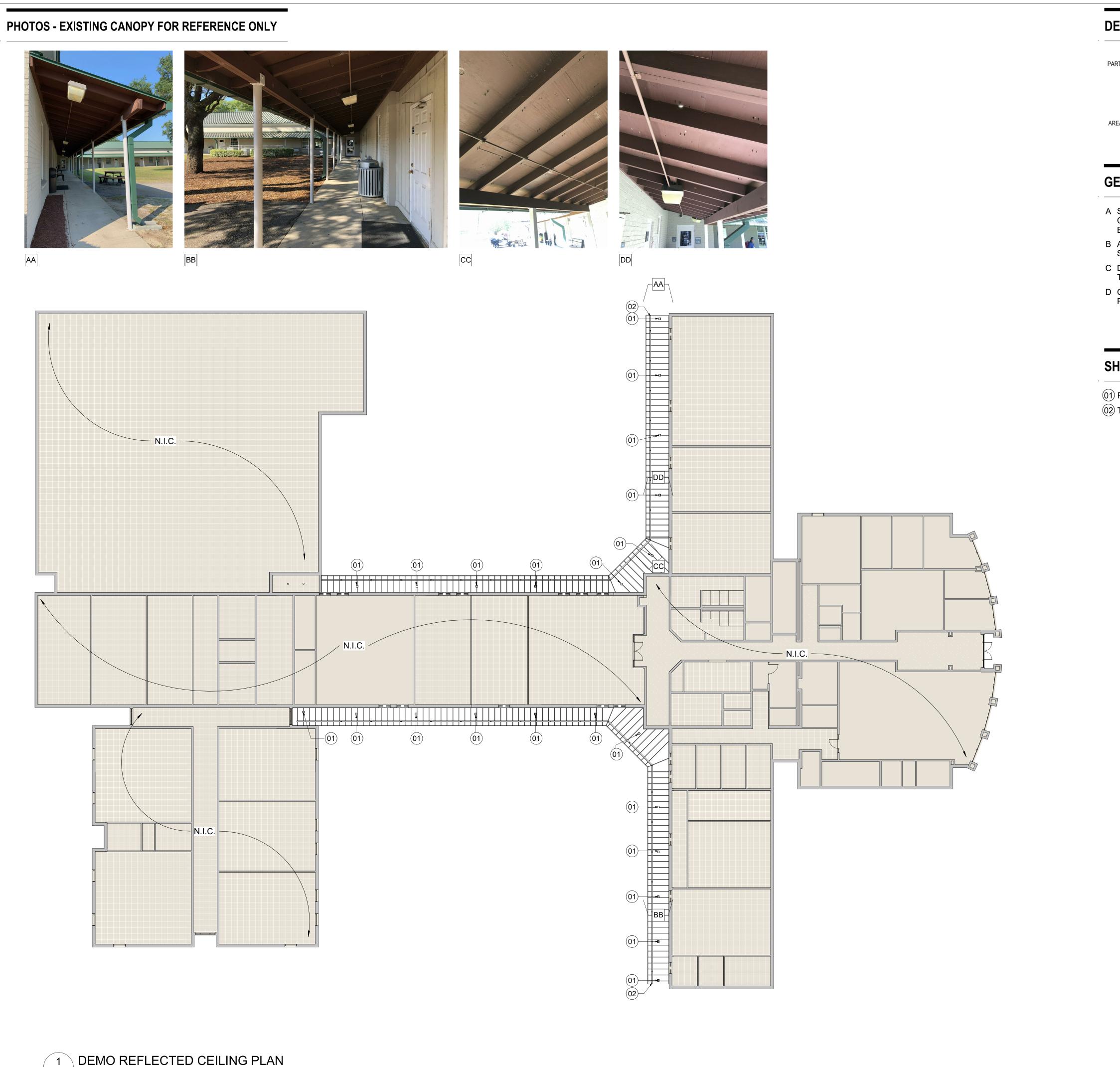
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AD100 DEMOLITION PLAN







PARTITIONS

CONSTRUCTION TO REMAIN

CONSTRUCTION TO BE DEMOLISHED

AREA NOT IN CONTRACT (NIC)

GENERAL NOTES - DEMOLITION

- A SHADED AREAS INDICATE AREAS NOT IN CONTRACT. COORDINATE WITH ENGINEER'S DRAWINGS FOR FULL EXTENT OF SCOPE.
- B ANY AREAS WHERE BRICK VENEER IS REMOVED IT SHALL BE DONE IN A MANNER FOR REUSE.
- C DASHED (BROKEN) LINES INDICATE ITEM (MATERIAL) TO BE REMOVED.
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SHEET KEY NOTES - DEMOLITION

- (01) REMOVE FIXTURE COMPLETE
- 02 TRIM BEAM END TO JOIST



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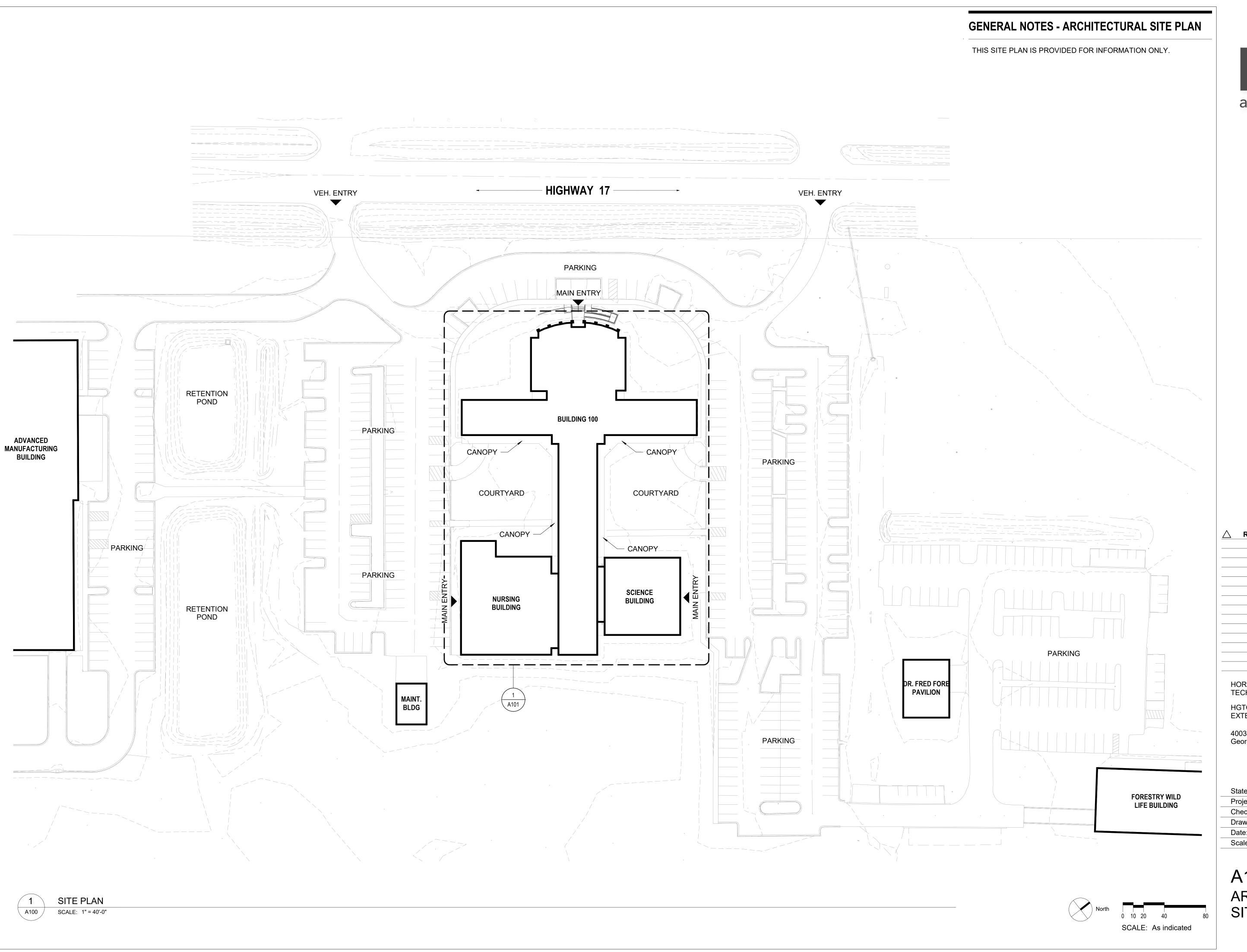
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AD121
DEMOLITION
REFLECTED CEILING
PLAN

A300 AD121 SCALE: 1/16" = 1'-0"



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A100 ARCHITECTURAL SITE PLAN

01 - 101) 10 **A**301 LINE OF CANOPY ABOVE 01 03 03 03 01 02 02 111 AA AA 110 (109) AA AA (108) 107 BB BB CC 113 AA AA 1114 01 02 02 01 115 AA 01 02 04 (A300 **)** 04 (A301

FLOOR PLAN - AREA 1

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SCALE: 1/16" = 1'-0"

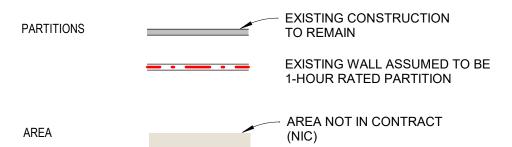
GENERAL NOTES - FLOOR PLAN

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KEY NOTES - FLOOR PLAN

- 01 IMPACT RATED ALUM. STOREFRONT DOORS
- 02 IMPACT RATED ALUM. WINDOW
- 03 IMPACT RATED ALUMINUM STOREFRONT SYSTEM. 8"-0" OPENING HEIGHT.
- 04 SEE RCP AND ROOF PLAN FOR CANOPY WORK.

FLOOR PLAN LEGEND





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A Revision Date Description

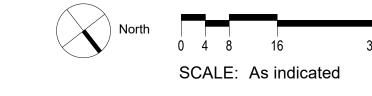
HORRY GEORGETOWN TECHNICAL COLLEGE

HGTC GEORGETOWN - BLDG 100 EXTERIOR RENOVATIONS

4003 S Fraser St Georgetown, SC 29440

State Project Number:	H59-N056-CB
Project Number:	19701
Checked By:	EGB
Drawn By:	DFH
Date:	08/14/2020
Scale:	As indicated

A101 FLOOR PLAN



GENERAL NOTES - REFLECTED CEILING PLAN

- A GC SHALL VERIFY EXISTING CONDITIONS AND NOTIFY DESIGNER IMMEDIATELY IF ANY DISCREPANCIES ARE IDENTIFIED.
- B SCOPE OF WORK IS LIMITED TO EXTERIOR OF EXISTING FACILITY. AREA NOT IN SCOPE HAS NOT BEEN VERIFIED. BUILDING OCCUPANCY IS NOT ALTERED IN THIS SCOPE OF WORK.
- C ALL DIMENSIONS TO BE FIELD VERIFIED
- D SOFFIT DECKING TO BE RANDOMLY STAGGERED. END JOINT TO STAGGER A MINIMUM OF 12" FROM ADJACENT BOARDS. ALL END JOINT TO RECEIVE A V-GROOVE PROFILE CUT.

E CENTER ALL LIGHTS ON CEILING. CENTER LIGHTS BETWEEN COLUMN UNLESS NOTED OTHERWISE.



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REFLECTED CEILIING PLAN LEGEND

CEILINGS

WOOD SOFFIT

AREA NOT IN CONTRACT (N.I.C.)

SYMBOLS

□ RECESSED SOFFIT LIGHT

△ Revision Date Description

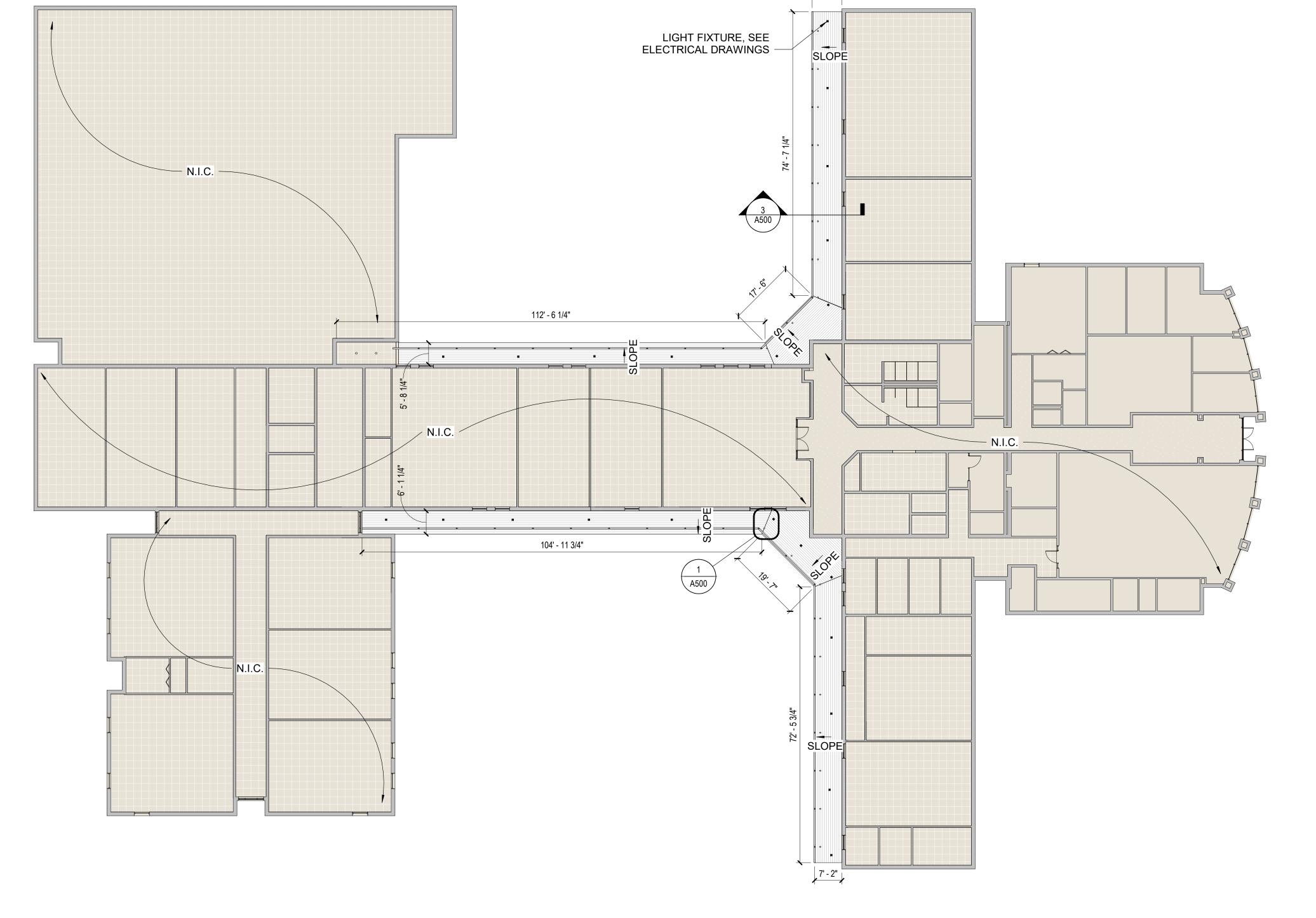
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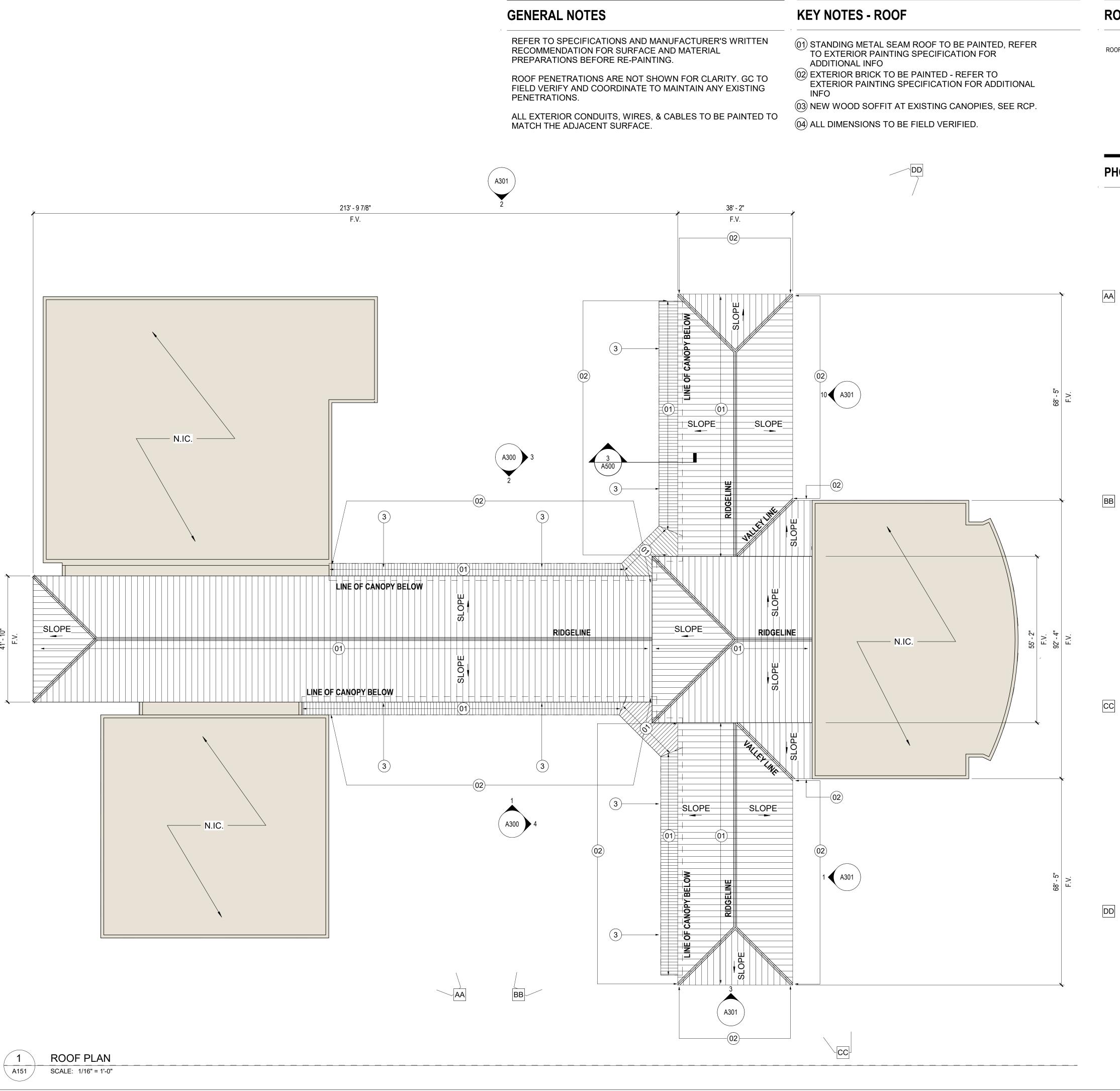
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Project Number: 19701
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Drawn By: DFH
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Scale: As indicated

A121 REFLECTED CEILING PLAN

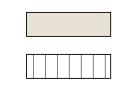




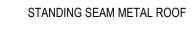
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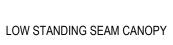
ROOF PLAN LEGEND

ROOFS



N.I.C. (NOT IN CONTRACT)





PHOTOGRAPH LOCATION & DIRECTION

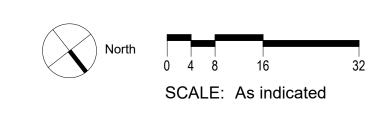
PHOTOS













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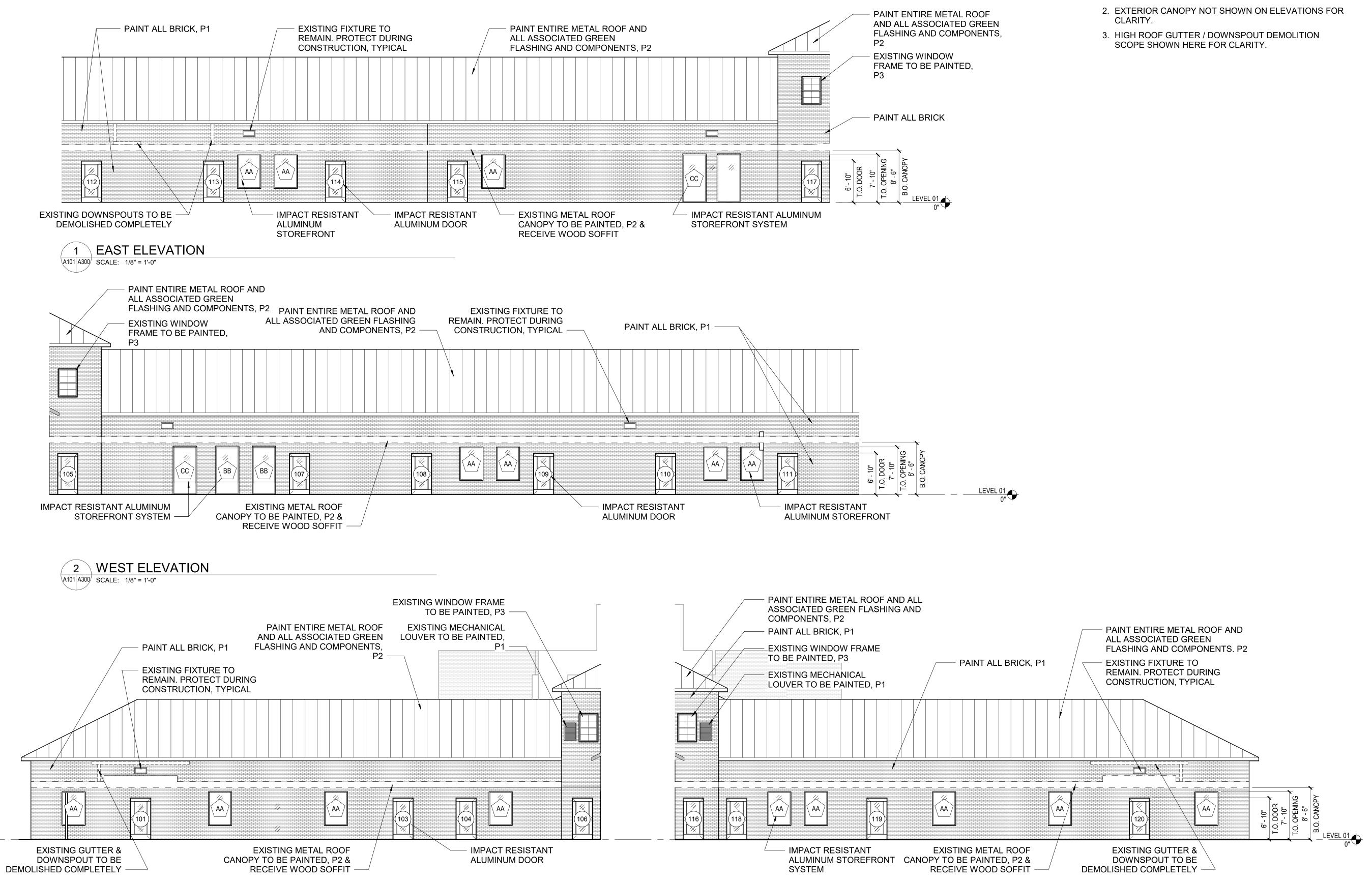
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A151 ROOF PLAN



3 SOUTH ELEVATION

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A101 A300/ SCALE: 1/8" = 1'-0"



1. GC TO REMOVE ANY EXISTING EXTERIOR SIGNAGE PRIOR TO PAINTING AND SALVAGE FOR RE-INSTALLATION. GC TO RE-INSTALL AFTER EXTERIOR WORK IS COMPLETE.



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HGTC GEORGETOWN - BLDG 100 EXTERIOR RENOVATIONS

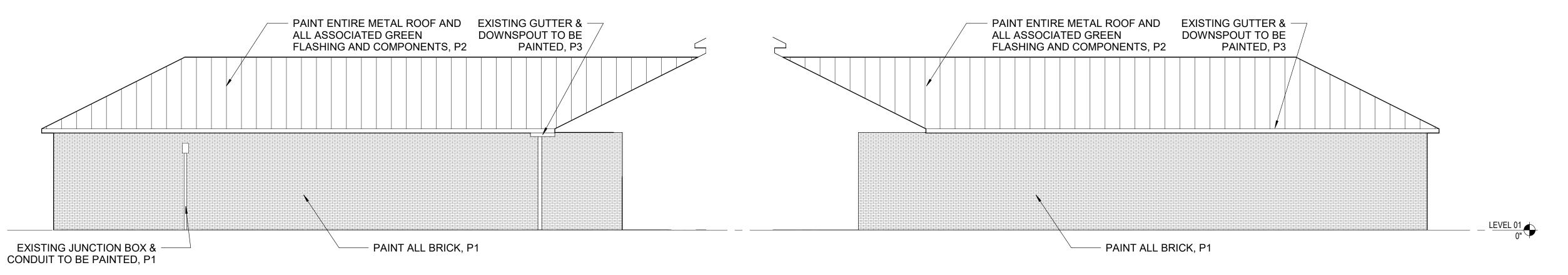
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Project Number:	19701
Checked By:	EBB
Drawn By:	DFH
Date:	08/14/2020
Scale:	1/8" = 1'-0"
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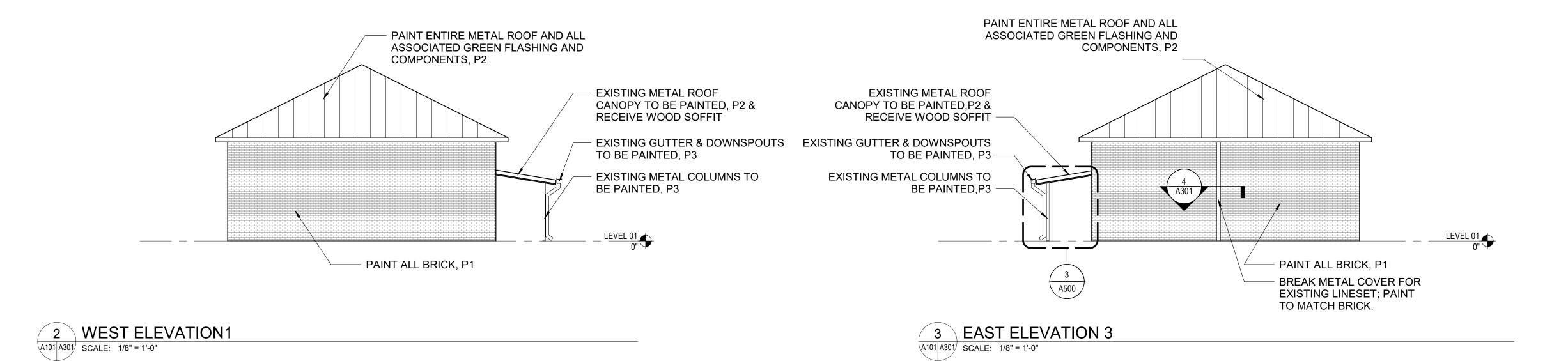
A300 BUILDING ELEVATIONS

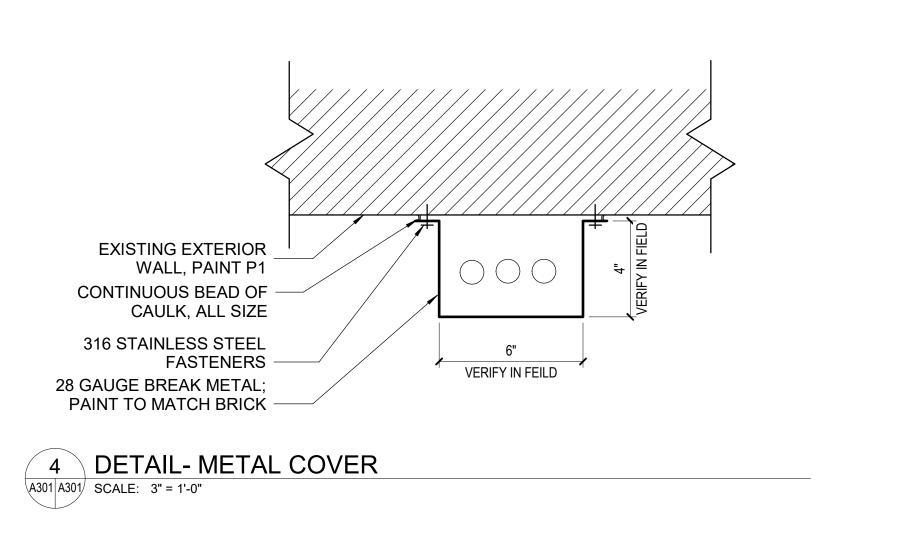
SCALE: 1/8" = 1'-0"

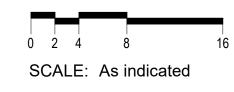
 GC TO REMOVE ANY EXISTING EXTERIOR SIGNAGE PRIOR TO PAINTING AND SALVAGE FOR RE-INSTALLATION. GC TO RE-INSTALL AFTER EXTERIOR WORK IS COMPLETE.













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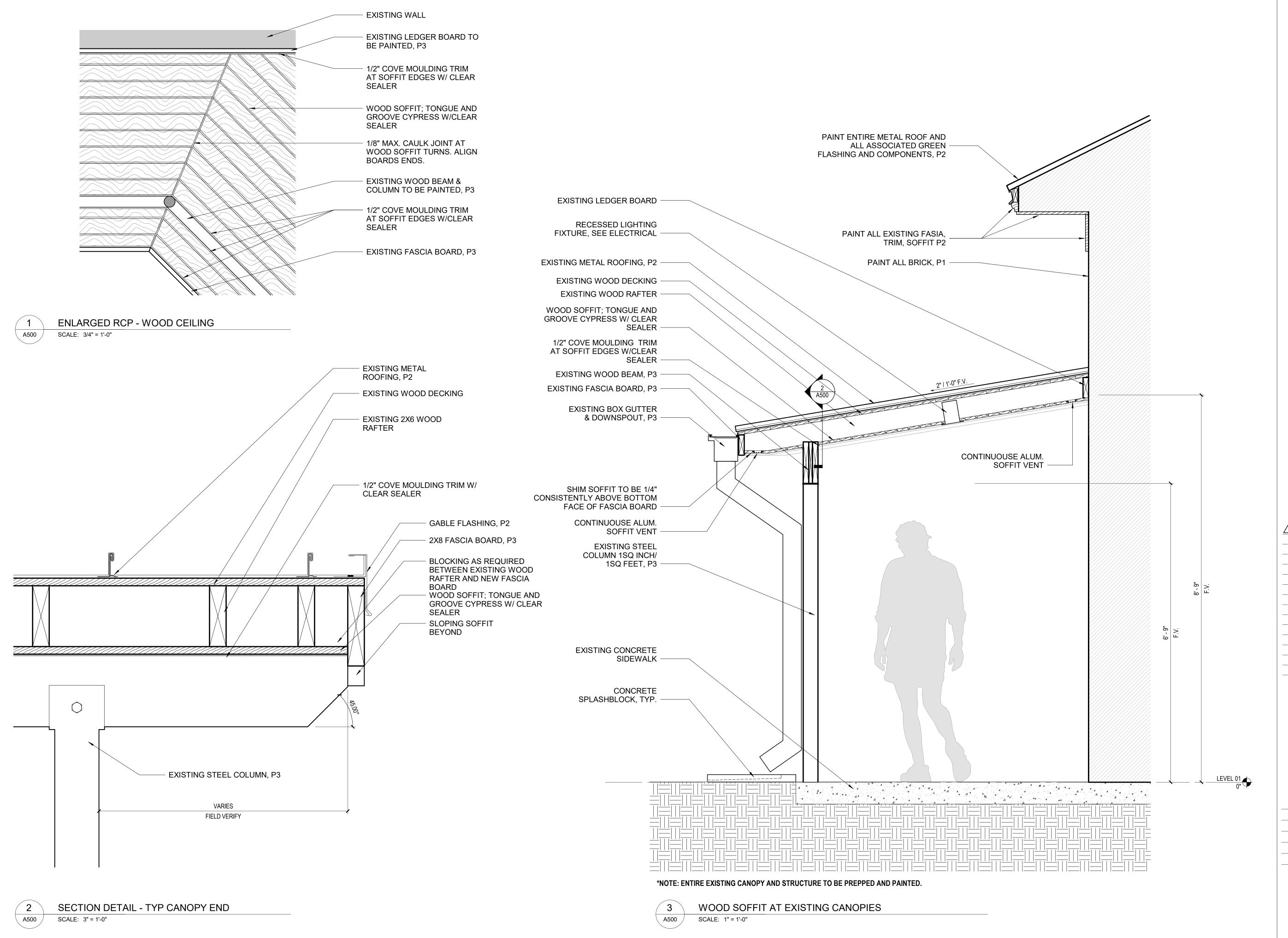
HORRY GEORGETOWN TECHNICAL COLLEGE

HGTC GEORGETOWN - BLDG 100 EXTERIOR RENOVATIONS

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A301 BUILDING ELEVATIONS





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A500 CANOPY DETAILS

SCALE: As indicated

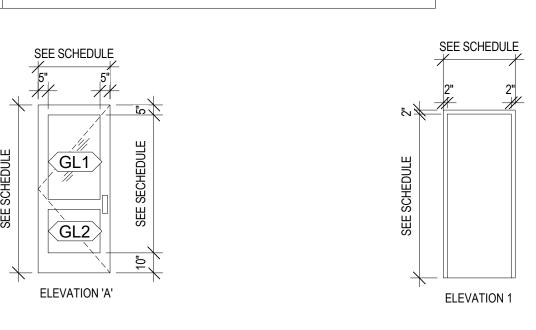
SCHEDULE - DOOR AND FRAME													
	Door Frame												
Mark	Туре	Finish	Material	Height	Width	Thickness	Туре	Material	Head	Jamb	Sill	Fire Rating	Comments
101	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H3	J3	S1	NOTE 1	
103	A	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
104	A	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
105	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
106	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
107	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
108	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
109	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
110	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
111	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
112	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
113	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
114	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
115	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
116	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
117	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
118	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
119	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	H1	J1	S1	NOTE 1	
120	Α	SF-1	AL/GL	6' - 8"	3' - 0"	1 3/4"	1	ALUM	Н3	J3	S1	NOTE 1	

Туре	Length	Height	Head	Jamb	Sill	Comments
AA	3' - 10"	5' - 6"	H2	J2	S2	
BB	3' - 10"	7' - 10"	H2	J2	S3	
CC	3' - 11"	7' - 10"	H2	J2	S3	
	•	•				
TYPE	DESCR	IDTION				

BB	3' - 10"	7' - 10"	H2	J2	S3			
CC	3' - 11"	7' - 10"	H2	J2	S3			
							1	
TYPE	DESCRIPTION							
GL1	EXTERIOR IN	EXTERIOR INSULATED LOW-E LAMINATED CLEAR GLAZING						
GL2 EXTERIOR INSULATED LOW-E LAMINATED TRANSLUCENT GLAZING								

GENERAL NOTES

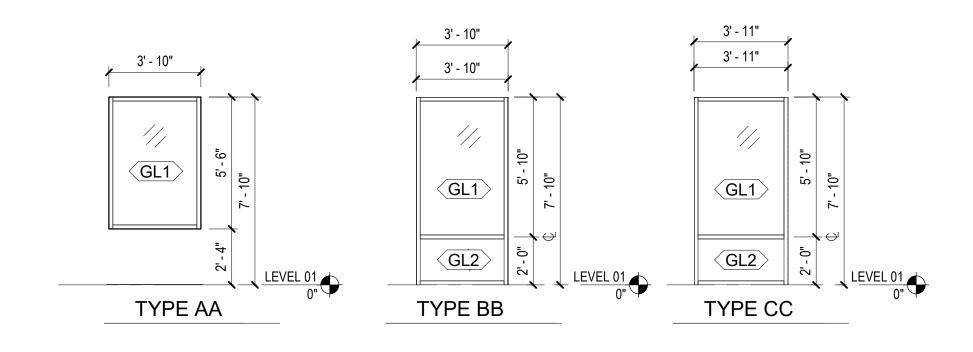
- 1. DOOR TO RECEIVE PANIC HARDWARE. REFER TO DOOR HARDWARE SPECIFICATION. REFER TO FINISH LEGEND FOR DOOR AND FRAME FINISHES.
- 2. GC TO FIELD VERIFY ALL OPENING DIMENSIONS.

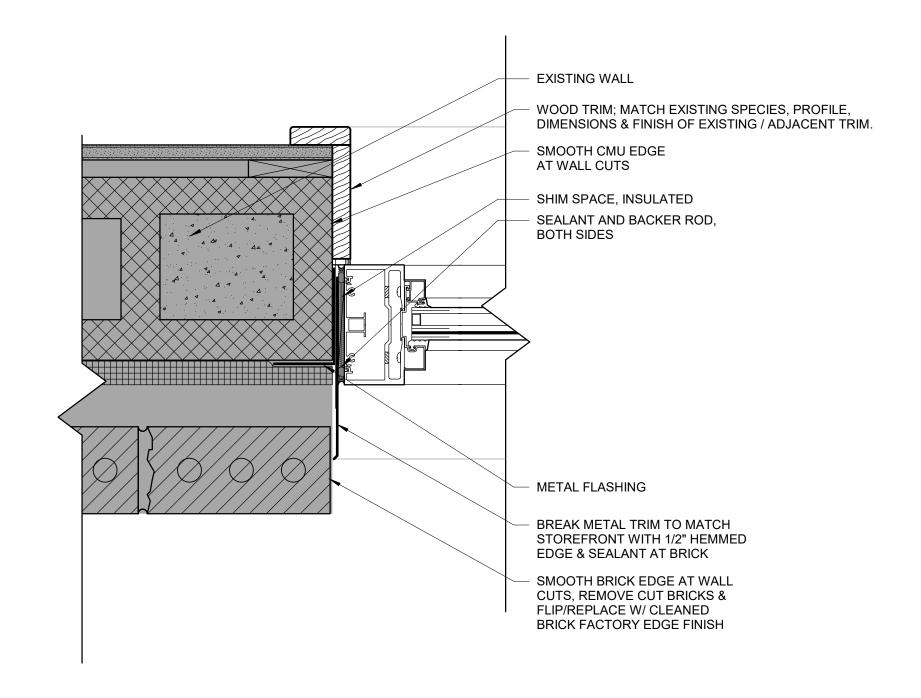


DOOR ELEVATIONS

DOOR FRAME ELEVATIONS

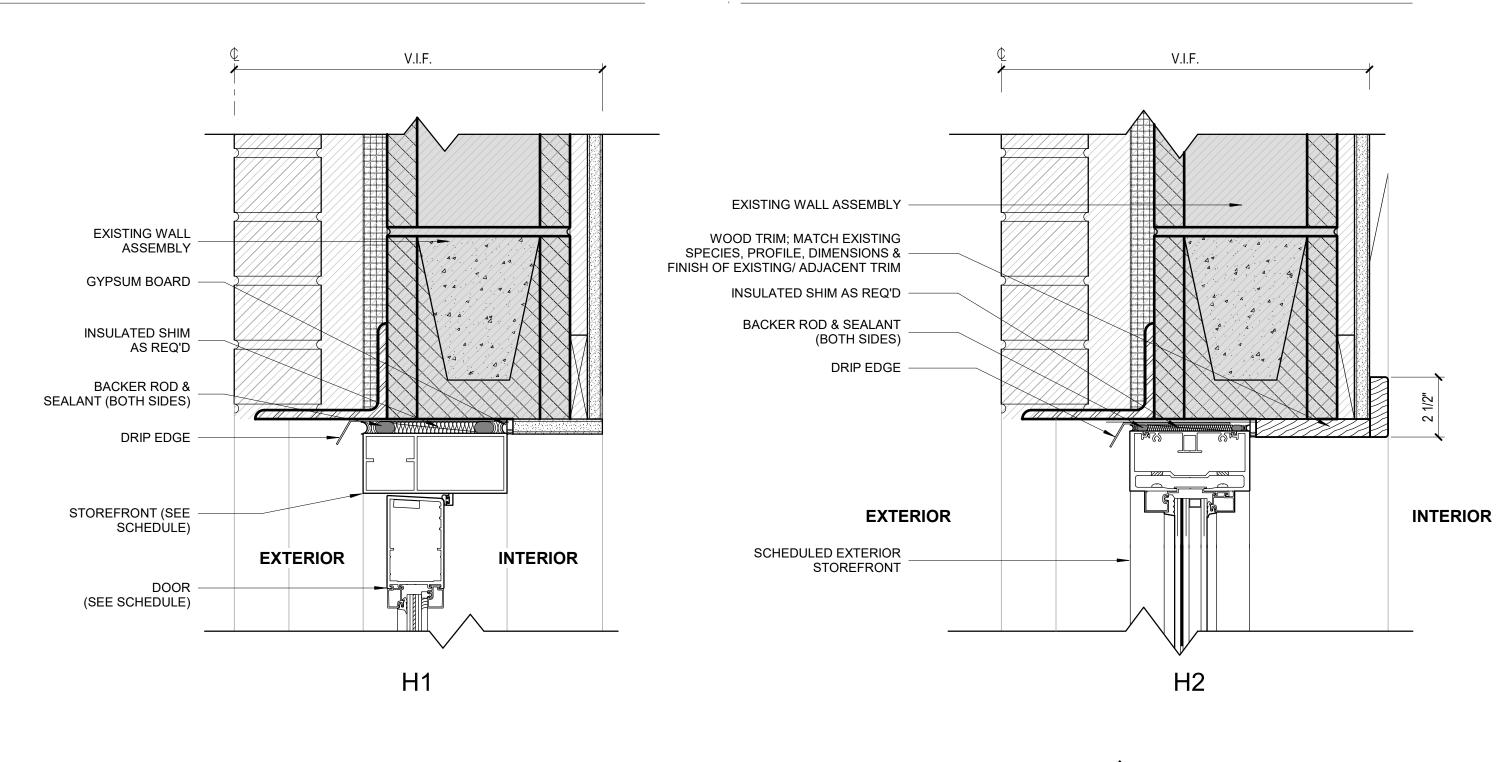
EXTERIOR ALUMINUM FRAMES

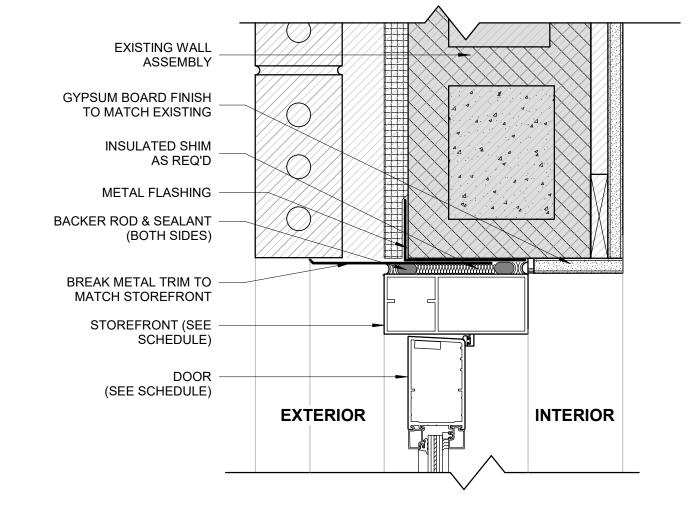




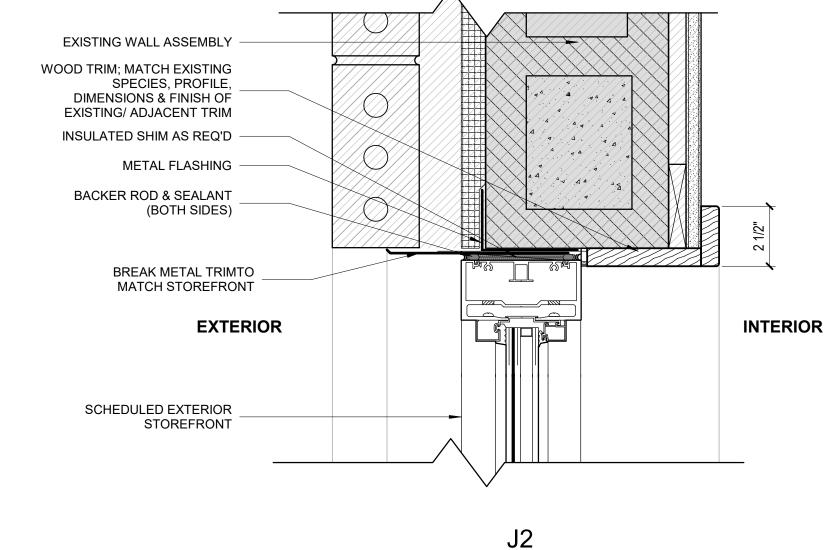
ALUMINUM STOREFRONT JAMB AT EXTERIOR WALL CUTS A600/ SCALE: 3" = 1'-0"







TYP. EXTERIOR DOOR DETAILS



NOTE: EXISTING WALL ASSEMBLIES SHOWN FOR REFERENCE. ACTUAL CONDITIONS MIGHT VARY, VERIFY IN FIELD.

SCALE: As indicated



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TECHNICAL COLLEGE

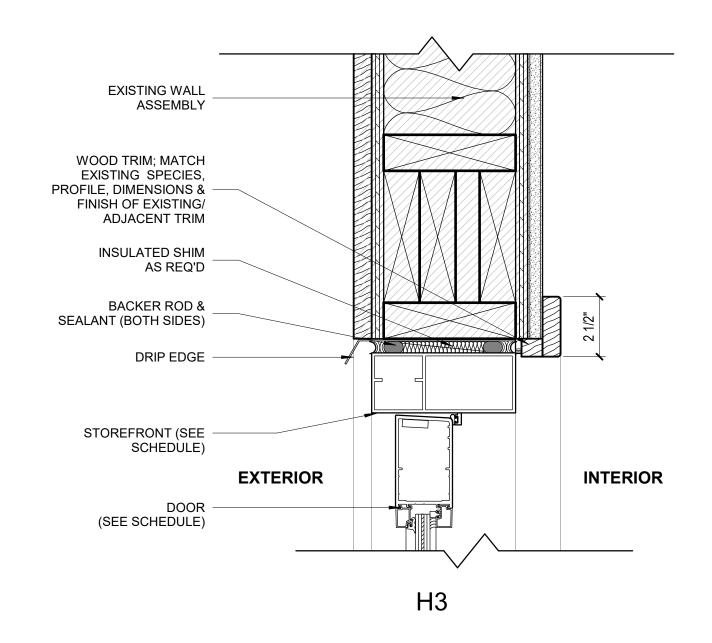
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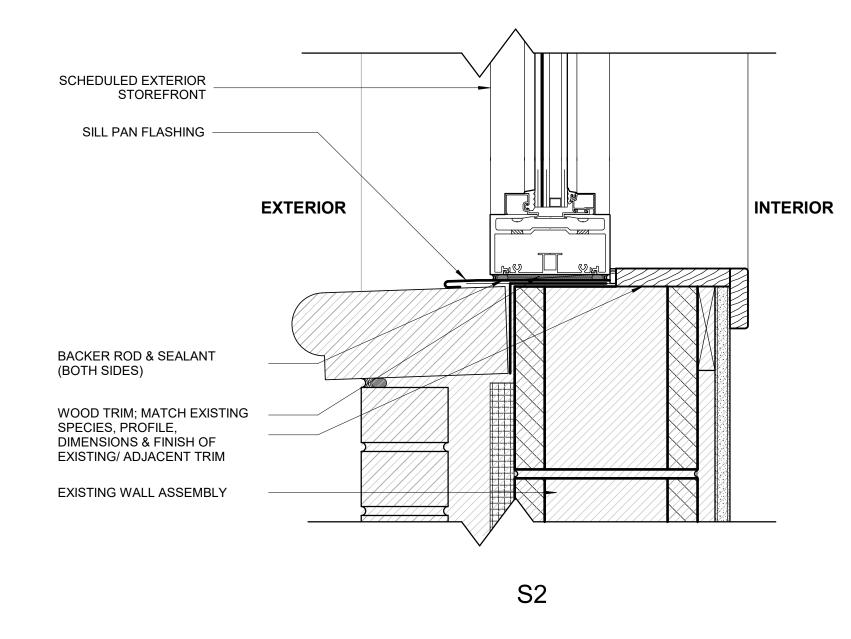
State Project Number:	H59-N056-CB
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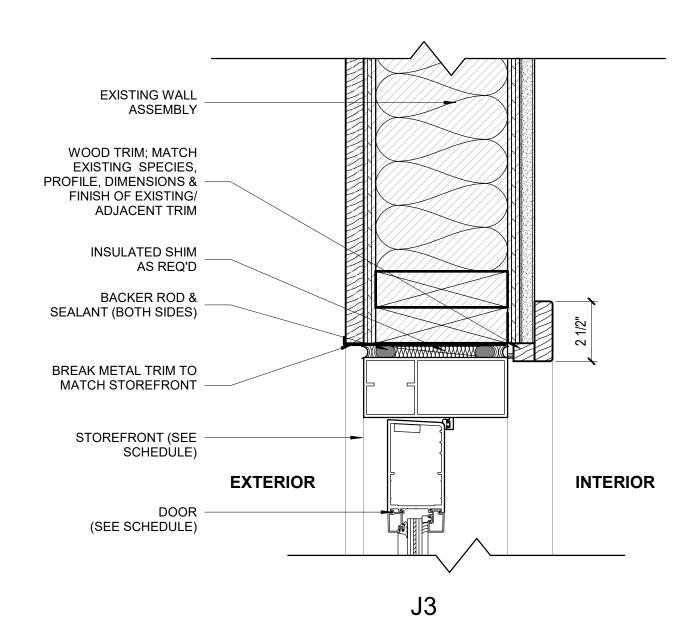
A600 DOOR AND WINDOW SCHEDULE AND **TYPES**

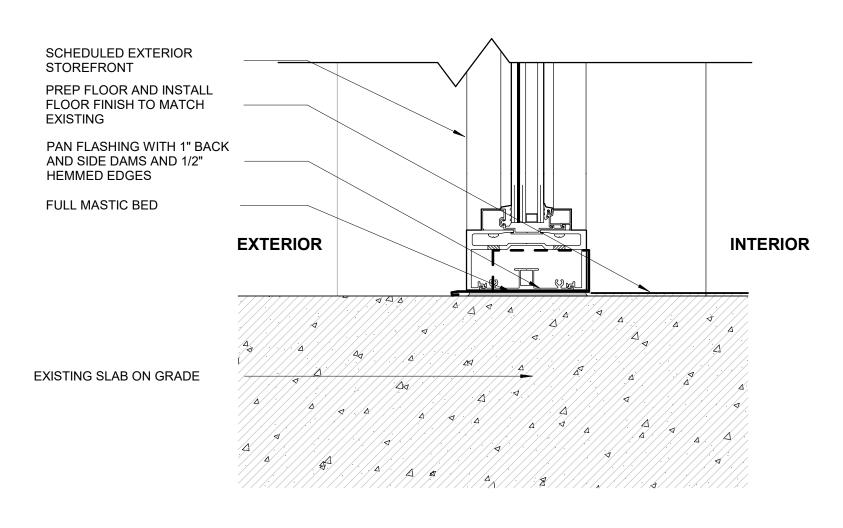
TYP. STOREFRONT DETAILS



TYP. EXTERIOR DOOR DETAILS

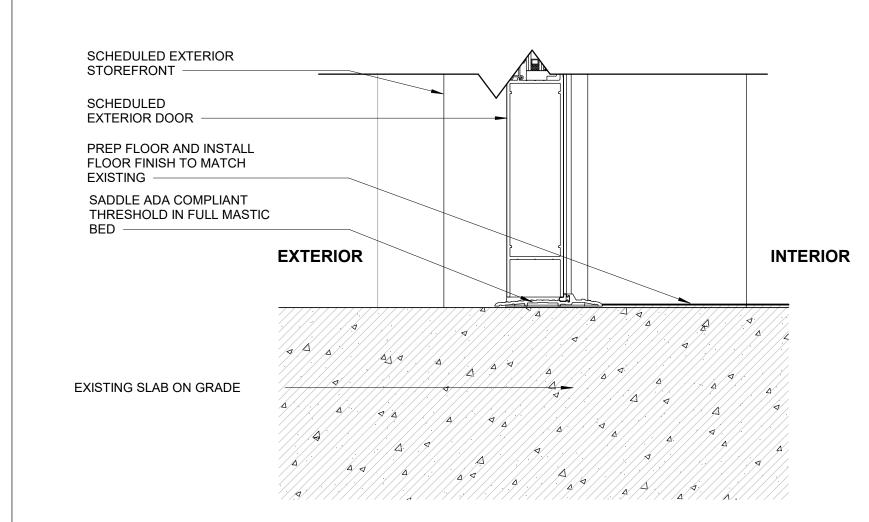






S3

NOTE: EXISTING WALL ASSEMBLIES SHOWN FOR REFERENCE. ACTUAL CONDITIONS MIGHT VARY, VERIFY IN FIELD.



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Revision Date Description

HORRY GEORGETOWN TECHNICAL COLLEGE

HGTC GEORGETOWN - BLDG 100 EXTERIOR RENOVATIONS

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Project Number:	19701
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Drawn By:	DFH
Date:	08/14/2020
Scale:	3" = 1'-0"

A601 DOOR AND WINDOW DETAILS

ELECTRICAL SYMBOLS

LIGHTING SYMBOLS

	LIGHTING SYMBOLS	
<u>SYMBOL</u> \$	DESCRIPTION SINGLE POLE TOGGLE SWITCH	MH (UON) 48"
\$ \$ _a	SWITCH:	TOD 48"
*a \$2	SUB-LETTER INDICATES FIXTURES CONTROLLED (a) DOUBLE POLE TOGGLE SWITCH	TOD 48"
-		TOD
\$ ₃	THREE-WAY TOGGLE SWITCH (SPDT)	48" TOD
\$ ₄	FOUR-WAY TOGGLE SWITCH (DPDT)	48" TOD
\$ _K	KEY OPERATED SWITCH	48" TOD
\$ _{3D a}	THREE WAY DIMMER SWITCH: SUBLETTER INDICATES FIXTURES CONTROLLED (a)	48" TOD
\$ _M	MANUAL STARTER W/ OVERLOADS	48" TOD
\$ _P	SWITCH W/ PILOT LIGHT	48" TOD
\$ _D	DIMMER SWITCH	48" TOD
\$ _{4D}	4 BUTTON DIMMER SWITCH	48" TOD
\$ _{LV}	LOW VOLTAGE CONTROL SWITCH	48" TOD
\$ _T	MANUAL TIME SWITCH	48" TOD
\$ _C	MOMENTARY CONTACT SWITCH	48" TOD
\$ _{WP}	SWITCH WITH WEATHERPROOF ENCLOSURE	48" TOD
os os	OCCUPANCY SENSOR (CEILING & WALL MOUNTED)	
(vs)	VACANCY SENSOR	
Т	TIME CLOCK	
R	RELAY	
L	LIGHTING CONTACTOR	
Р	PHOTOCELL OR PUSHPLATE SWITCH	
UL924	EMERGENCY SHUNT RELAY, UL 924 LISTED (CEILING MOUNTED)	
0 0	LIGHTING FIXTURE: RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPE	CIFIED
O O LIGHTING FIXTURE: 2 BALLAST		
$\vdash \circ \vdash$	LIGHTING FIXTURE: INDUSTRIAL	
\Box	LIGHTING FIXTURE: WALL MOUNTED - TYPE AS SPECIFIED	
0	LIGHTING FIXTURE: RECESSED, SURFACE, OR PENDANT MOUNTED	
О	LIGHTING FIXTURE: WALL MOUNTED - TYPE AS SPECIFIED	
•	WALL WASHER	
<o< th=""><th>ADJUSTABLE WALL WASHER</th><th></th></o<>	ADJUSTABLE WALL WASHER	
•	LIGHTING FIXTURE ON EMERGENCY OR NIGHT LIGHT CIRCUIT	(NL)
出	EMERGENCY BATTERY PACK: W/ NUMBER OF HEADS INDICATED	
B	EMERGENCY BATTERY PACK: W/ REMOTE HEADS	
Ţ	REMOTE EMERGENCY HEAD	
•	EMERGENCY BATTERY PACK: SEMI RECESSED, CEILING MOUNT	
$oldsymbol{\otimes}$	EXIT SIGN: CEILING OR PENDANT MOUNTED (SHADED PORTION INDICATE	S FACE)
₩ ⊗	EXIT SIGN: WALL MOUNTED - END, BACK	
‡⊕ ‡	EXIT SIGN: W/ DIRECTIONAL ARROWS	
□• □ • □	POLE MOUNTED LIGHTING FIXTURE: SINGLE HEAD, DOUBLE HEAD	
¤	POLE MOUNTED LIGHTING FIXTURE: SINGLE, POLE TOP	
<i>y</i> —•	LIGHTING POLE (SPORTS)	

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ELECTRICAL ABBREVIATIONS

NOTE: THIS IS A STANDARD ABBREVIATION LIST. SOME ABBREVIATIONS MAY NOT APPEAR ON THE ACCOMPANYING DRAWINGS.

2S1W 2S2W	2 SPEED SINGLE WINDING 2 SPEED DOUBLE WINDING	KWH	KILOWATT HOUR
		LA	LIGHTNING ARRESTOR
A, AMP	AMPERE	LC	LIGHTING CONTACTOR
A/C	AIR CONDITIONING	LP	LIGHTING PANEL
AC	ALTERNATING CURRENT	LRA	LOCKED ROTOR AMPERES
AFCI	ARC FAULT CIRCUIT INTERRUPTER	LTG	LIGHTING
AFF	ABOVE FINISHED FLOOR	LTNG	LIGHTNING
AFG	ABOVE FINAL GRADE	LINO	LIGITINING
		NAAT\/	MACTED ANTENNA TELEVICIONI
AHU	AIR HANDLING UNIT	MATV	MASTER ANTENNA TELEVISION
AIC	AMPS INTERRUPTING CAPACITY	MCB	MAIN CIRCUIT BREAKER
ALT	ALTERNATE	MCC	MOTOR CONTROL CENTER
ANN	ANNUNCIATOR	MEH	METAL HALIDE
APPROX	APPROXIMATELY	MH	MANHOLE, MOUNTING HEIGHT
ARCH	ARCHITECT	MLO	MAIN LUGS ONLY
ATC	AUTOMATIC TEMPERATURE CONTROL	MSP	MOTOR STARTER PANEL
ATS	AUTOMATIC TRANSFER SWITCH	MTD	MOUNTED
AV	AUDIOVISUAL	MV	MERCURY VAPOR
AWG	AMERICAN WIRE GAUGE	NC	NORMALLY CLOSED
DAC	DUILDING AUTOMATION SVETEM		
BAS	BUILDING AUTOMATION SYSTEM	NEC	NATIONAL ELECTRIC CODE
BFC	BELOW FINISHED CEILING	NFSS	NON-FUSED SAFETY SWITCH
BFG	BELOW FINISHED GRADE	NO	NUMBER, NORMALLY OPEN
BLDG	BUILDING		
BOD	BOTTOM OF DEVICE	OC	ON CENTER
		OFCI	OWNER FURNISHED CONTRACTOR
C, CND	CONDUIT		INSTALLED
CATV	CABLE TELEVISION	OFOI	OWNER FURNISHED OWNER
		_ .	INSTALLED
CB CCTV	CIRCUIT BREAKER	ОН	OVERHEAD
CCTV	CLOSED CIRCUIT TELEVISION	~··	
CKT, CCT		Р	POLE
CL	CURRENT LIMITING		
CLG	CEILING	PB	PUSHBUTTON
CONN	CONNECT	PF	POWER FACTOR
CPT	CONTROL POWER TRANSFORMER	PFCC	POWER FACTOR CORRECTION
CT	CURRENT TRANSFORMER		CAPACITOR
CTR	CENTER	PL	PILOT LIGHT
		PLC	PROGRAMMABLE LIGHTING CONTRO
CU, CO	COPPER	PNL	PANEL
CX	CONNECT TO EXISTING	PP	POWER PANEL
DC	DIRECT CURRENT	Рр	PUMP
DISC	DISCONNECT	PR	PAIR
_		PRN	PRINTER
DN	DOWN	PT	POTENTIAL TRANSFORMER
DP	DISTRIBUTION PANEL	PVC	POLYVINYL CHLORIDE
DPDT	DOUBLE POLE DOUBLE THROW		
DPST	DOUBLE POLE SINGLE THROW	Ø, PH	PHASE
DT	DOUBLE THROW		
DWG	DRAWING	QTY	QUANTITY
E, EMERG	EMERGENCY	RCS	REMOTE CONTROL SWITCH
EA	EACH	REC,	RECEPTACLE
		RECPT	
EC	EMPTY CONDUIT	REQ'D	REQUIRED
EF	EXHAUST FAN	RFI	RADIO FREQUENCY INTERFERENCE
EH	ELECTRIC HEATER	RGS	RIGID GALVANIZED STEEL
ELEC	ELECTRIC	RLA	RUNNING LOAD AMPERES
ELEV	ELEVATION, ELEVATOR		
ETR	EXISTING TO REMAIN	RM	ROOM
		RVAT	REDUCED VOLTAGE AUTO
EWC	ELECTRIC WATER COOLER		TRANSFORMER
EX	EXISTING	RX	REMOVE EXISTING
EXP	EXPOSED		
		SC	SURGE CAPACITOR
FA	FIRE ALARM	SEC	SECONDARY
FAAP	FIRE ALARM ANNUNCIATOR PANEL		
FACP	FIRE ALARM CONTROL PANEL	SN, S/N	SOLID NEUTRAL
		SP	SURGE PROTECTION
FBO	FURNISHED BY OTHERS	SPD	SURGE PROTECTION DEVICE
FC	FAN COIL	SPDT	SINGLE POLE DOUBLE THROW
FDR	FEEDER	SS	SAFETY SWITCH
FLA	FULL LOAD AMPERES	SST	SOLID STATE
FLR	FLOOR	ST	SINGLE THROW
FR	FRAME		
FU	FUSED, FUSIBLE	SW	SWITCH
		SWBD	SWITCHBOARD
FUSS	FUSED SAFETY SWITCH		
FVNR	FULL VOLTAGE NON-REVERSING	TBR	TO BE REMOVED
FVR	FULL VOLTAGE REVERSING	TC	TIME CLOCK
		TEL, TELE	
	CENEDATOR CENEDAL	TH	TUNGSTEN HALOGEN
GEN	GENERATOR, GENERAL		
	•	1/1/1	TOP OF CABINET
	GROUND FAULT CIRCUIT	TOC	
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TOD	TOP OF DEVICE
GFCI GFI	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER	TOD TRANS,	TOP OF DEVICE TRANSFORMER
GFCI GFI GFP	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED	TOD	
GFCI GFI GFP	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER	TOD TRANS,	
GFCI GFI GFP GFR	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED	TOD TRANS, XFMR	TRANSFORMER
GFCI GFI GFP GFR GRD	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY	TOD TRANS, XFMR TTB TW	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED
GFCI GFI GFP GFR GRD	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND	TOD TRANS, XFMR TTB	TRANSFORMER TELEPHONE TERMINAL BOARD
GFCI GFI GFP GFR GRD GRS	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL	TOD TRANS, XFMR TTB TW TYP	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL
GFCI GFI GFP GFR GRD GRS HID	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE	TOD TRANS, XFMR TTB TW TYP	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER
GFCI GFI GFP GFR GRD GRS HID HOA	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC	TOD TRANS, XFMR TTB TW TYP	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL
GFCI GFI GFP GFR GRD GRS HID HOA	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE	TOD TRANS, XFMR TTB TW TYP UCB UG	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER
GFCI GFI GFP GFR GRD GRS HID HOA HP	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC	TOD TRANS, XFMR TTB TW TYP UCB UG UH	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER	TOD TRANS, XFMR TTB TW TYP UCB UG UH	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR HV	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER HIGH VOLTAGE	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON UV	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR HV	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR HV HZ	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER HIGH VOLTAGE HERTZ	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON UV	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR HV HZ	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER HIGH VOLTAGE	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON UV	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR VOLTS
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR HV HZ	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER HIGH VOLTAGE HERTZ	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON UV V VFC	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR VOLTS VARIABLE FREQUENCY CONTROLLE
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR HV HZ	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER HIGH VOLTAGE HERTZ	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON UV V VFC	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR VOLTS VARIABLE FREQUENCY CONTROLLE
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR HV HZ	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER HIGH VOLTAGE HERTZ ISOLATED GROUND	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON UV V VFC VFD	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR VOLTS VARIABLE FREQUENCY CONTROLLE VARIABLE FREQUENCY DRIVE
GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR HV HZ	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER HIGH VOLTAGE HERTZ ISOLATED GROUND	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON UV V VFC VFD	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR VOLTS VARIABLE FREQUENCY CONTROLLE VARIABLE FREQUENCY DRIVE
GEN GFCI GFI GFP GFR GRD GRS HID HOA HP HPS HTR HV HZ IG JB KCMIL KV	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED GROUND FAULT RELAY GROUND GALVANIZED RIGID STEEL HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM HEATER HIGH VOLTAGE HERTZ ISOLATED GROUND JUNCTION BOX	TOD TRANS, XFMR TTB TW TYP UCB UG UH UON UV V VFC VFD W W/	TRANSFORMER TELEPHONE TERMINAL BOARD TWISTED TYPICAL UNIT CIRCUIT BREAKER UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR VOLTS VARIABLE FREQUENCY CONTROLLE VARIABLE FREQUENCY DRIVE WATTS, WIRE WITH

EXPLOSION PROOF

KILOWATTS

KILOVOLT AMPERES

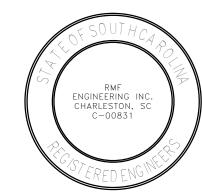
KILOVOLT AMPERES REACTIVE



147 Wappoo Creek Drive Suite 400 Charleston, SC 29412

P 843.762.2222







A Revision Date Description

HORRY GEORGETOWN TECHNICAL COLLEGE

HGTC - GT BLDG. 100 EXTERIOR RENOVATIONS

4003 S Fraser St Georgetown, SC 29440

Project Number:	H59-N056-CB
Checked By:	DMS
Drawn By:	BWT
Date:	08/13/2020
Scale:	

E001
ELECTRICAL NOTES,
SYMBOLS AND
ABBREVIATIONS

GENERAL NOTES

- 1. ITEMS INDICATED WITH DASHED LINES ARE TO BE REMOVED IN THEIR ENTIRETY. ITEMS THAT ARE EXISTING TO REMAIN ARE INDICATED WITH LIGHT CONTINOUS LINES.
- 2. EXISTING CONDITIONS SUCH AS LIGHTING, RECEPTACLES, ETC. WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS, AND ARE NOT WARRANTED TO BE COMPLETE OR CORRECT. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL ELECTRICAL ITEMS IN THE FIELD PRIOR TO THE START OF ANY WORK.
- SHOULD THE CONTRACTOR ENCOUNTER ANY MAJOR ELECTRICAL ITEMS, I.E. PANELS, FEEDERS, JUNCTION BOXES ETC. WHICH ARE NOT ADDRESSED ON THE DRAWINGS, HE SHALL BRING THEM TO THE ATTENTION OF TE ENGINEER. ENGINEER WILL REVIEW THE ITEM IN QUESTION AND PROVIDE DIRECTION.
- 4. FOR DEMOLISHED LIGHT FIXTURES, LEAVE CIRCUIT LOCAL FOR NEW FIXTURE. SEE ELECTRICAL LIGHTING PLANS FOR NEW FIXTURE TYPE. NEW FIXTURES SHALL BE SUPPORTED PER IBC.

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1 DISCONNECT CANOPY LIGHTING FIXTURE AND REMOVE. DEMOLISH CONDUIT AND CONDUCTORS BACK TO FACE OF BUILDING. LIGHTING CIRCUIT TO REMAIN FOR NEW LIGHTING FIXTURES. TYPICAL.

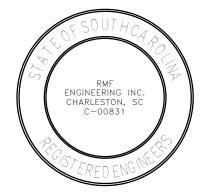
SHEET NOTES



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A Revision Date Description

HORRY GEORGETOWN TECHNICAL COLLEGE

HGTC - GT BLDG. 100 EXTERIOR RENOVATIONS

4003 S Fraser St Georgetown, SC 29440

Project Number: H59-N056-CB
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ED201
ELECTRICAL
DEMOLITION
LIGHTING PLAN SIDE

GRAPHIC SCALE

8 4 0 8

SCALE: 1/8" = 1'-0" UNIT OF MEASURE: FEET

1 ELECTRICAL DEMOLITION LIGHTING PLAN SIDE A

| ED201 SCALE: 1/8" = 1'-0"

GENERAL NOTES

- 1. ITEMS INDICATED WITH DASHED LINES ARE TO BE REMOVED IN THEIR ENTIRETY. ITEMS THAT ARE EXISTING TO REMAIN ARE INDICATED WITH LIGHT CONTINOUS LINES.
- 2. EXISTING CONDITIONS SUCH AS LIGHTING, RECEPTACLES, ETC. WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS, AND ARE NOT WARRANTED TO BE COMPLETE OR CORRECT. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL ELECTRICAL ITEMS IN THE FIELD PRIOR TO THE START OF ANY WORK.
- SHOULD THE CONTRACTOR ENCOUNTER ANY MAJOR ELECTRICAL ITEMS, I.E. PANELS, FEEDERS, JUNCTION BOXES ETC. WHICH ARE NOT ADDRESSED ON THE DRAWINGS, HE SHALL BRING THEM TO THE ATTENTION OF TE ENGINEER. ENGINEER WILL REVIEW THE ITEM IN QUESTION AND PROVIDE DIRECTION.
- FOR DEMOLISHED LIGHT FIXTURES, LEAVE CIRCUIT LOCAL FOR NEW FIXTURE. SEE ELECTRICAL LIGHTING PLANS FOR NEW FIXTURE TYPE. NEW FIXTURES SHALL BE SUPPORTED PER IBC.

SHEET NOTES

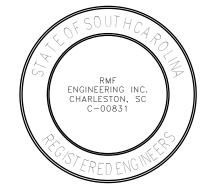
DISCONNECT CANOPY LIGHTING FIXTURE AND REMOVE. DEMOLISH CONDUIT AND CONDUCTORS BACK TO FACE OF BUILDING. LIGHTING CIRCUIT TO REMAIN FOR NEW LIGHTING FIXTURES. TYPICAL.



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\triangle	Revision Date	Description

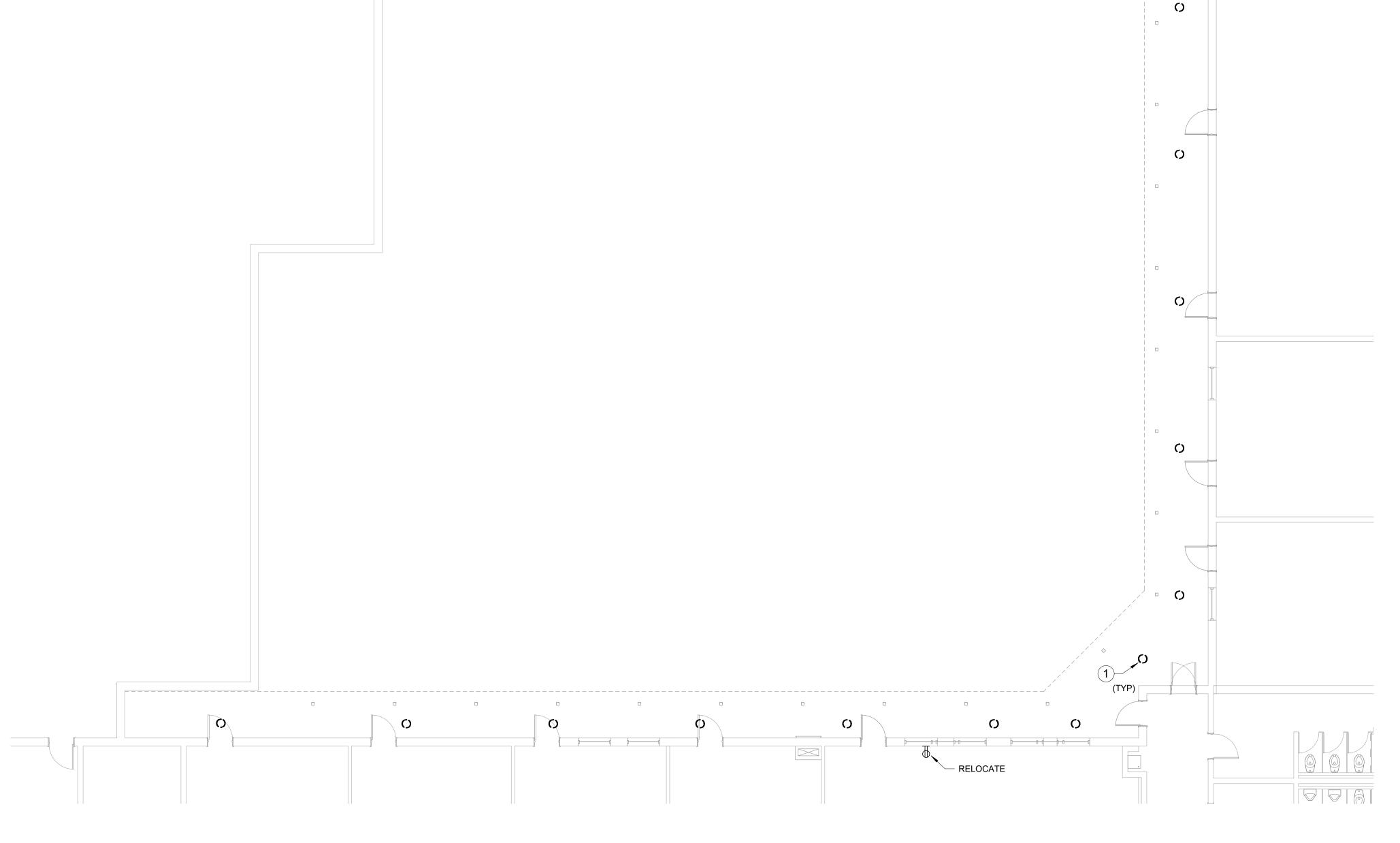
HORRY GEORGETOWN TECHNICAL COLLEGE

HGTC - GT BLDG. 100 EXTERIOR RENOVATIONS

4003 S Fraser St Georgetown, SC 29440

Project Number:	H59-N056-CB
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ED202
ELECTRICAL
DEMOLITION
LIGHTING PLAN SIDE





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				LI	GHTIN	IG FIXTUF	RE SCI	HEDU	LE			
				LAMPS						MOUNTING		
	DESCRIPTION	LOUVER/LENS	TYPE	WATTS	QTY.	COLOR TEMP.	VOLTS	WATTS	MOUNTING	SURFACE	REMARKS	BASIS OF DESIGN MANUFACTURER
D1	4.5" LED ADJUSTABLE DOWNLIGHT, 4000 LUMENS	POLYCARBONAT E LENS	LED	49	1	4000 K	0	49	CEILING	RECESSED		HE WILLIAMS # 4AR-L40/840-EM/10W-DIM-UNV-LW-OF- TRIM OPTIONS-PD-WET/CC-N-F1

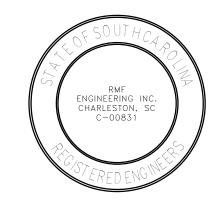
CONTRACTOR TO PROVIDE BRANCH CIRCUIT WIRING FOR CANOPY LIGHTING FIXTURES. TYPE MC CABLE SHALL BE RUN THROUGH THE CANOPY JOISTS TO EACH LIGHT FIXTURE. CONNECT TO EXISTING CIRCUIT AT THE BUILDING WALL. JUNCTION BOX TO BE INSTALLED ON INTERIOR SIDE OF THE BUILDING WALL. DO NOT INSTALL ANY JUNCTION BOXES IN CANOPY.

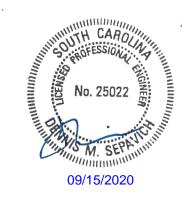


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\triangle	Revision Date	Description

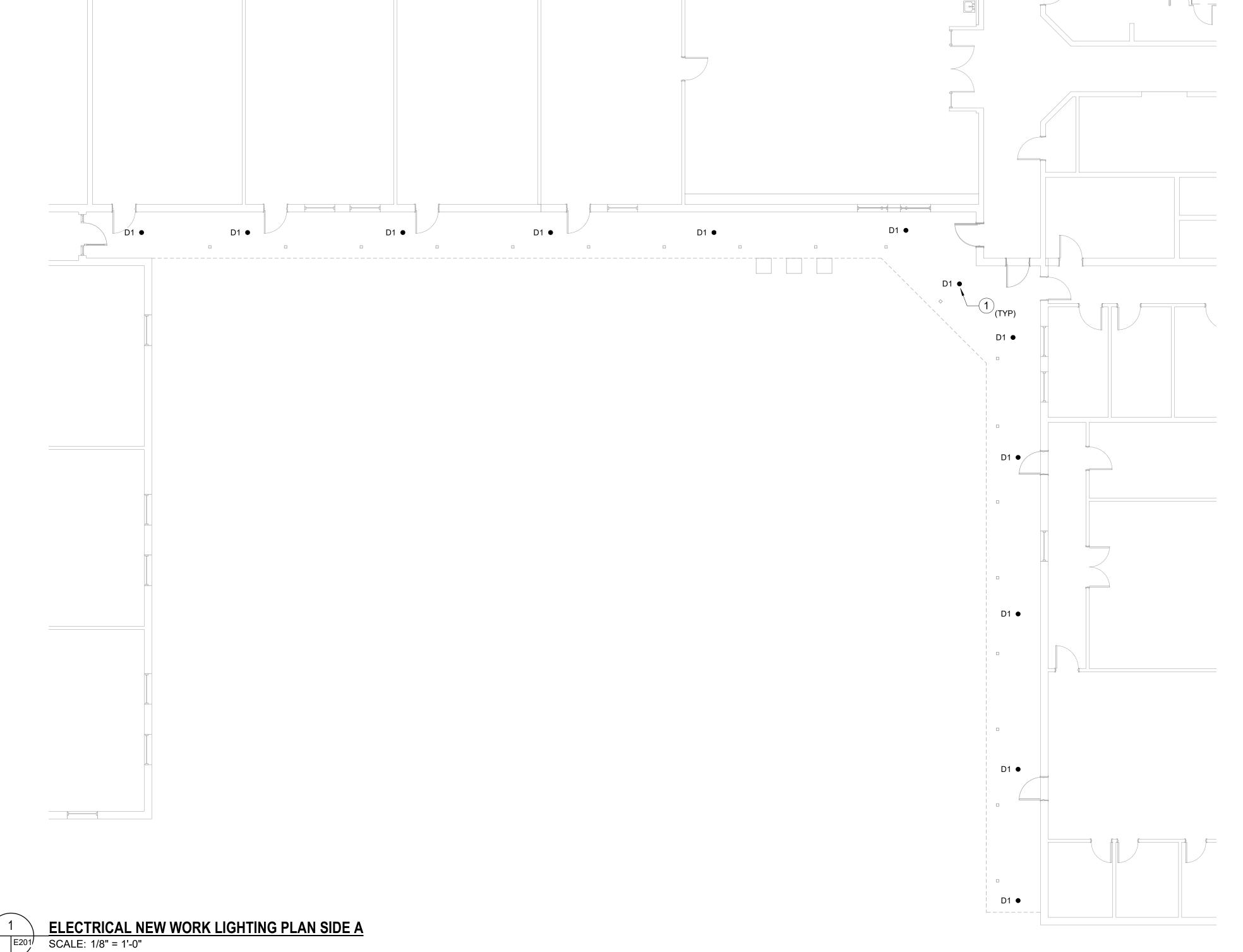
HORRY GEORGETOWN TECHNICAL COLLEGE

HGTC - GT BLDG. 100 EXTERIOR RENOVATIONS

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	Project Number:	H59-N056-CB
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	Date:	08/13/2020
	Scale:	

E201
ELECTRICAL NEW
WORK LIGHTING
PLAN SIDE A



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GRAPHIC SCALE

8 4 0 8 16

SCALE: 1/8" = 1'-0"
UNIT OF MEASURE: FEET

SCALE: 1/8" = 1'-0" UNIT OF MEASURE: FEET

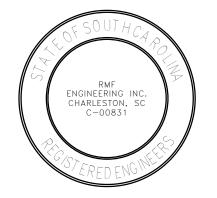
- CONTRACTOR TO PROVIDE BRANCH CIRCUIT WIRING FOR CANOPY LIGHTING FIXTURES. TYPE MC CABLE SHALL BE RUN THROUGH THE CANOPY JOISTS TO EACH LIGHT FIXTURE. CONNECT TO EXISTING CIRCUIT AT THE BUILDING WALL. JUNCTION BOX TO BE INSTALLED ON INTERIOR SIDE OF THE BUILDING WALL. DO NOT INSTALL ANY JUNCTION BOXES IN CANOPY.
- 2 RELOCATED EXISTING POWER OUTLET. COORDINATE WITH OWNER ON EXACT LOCATION PRIOR TO INSTALLATION. EXTEND BRANCH CIRCUIT WIRING AS REQUIRED.

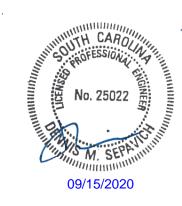


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A Revision Date Description

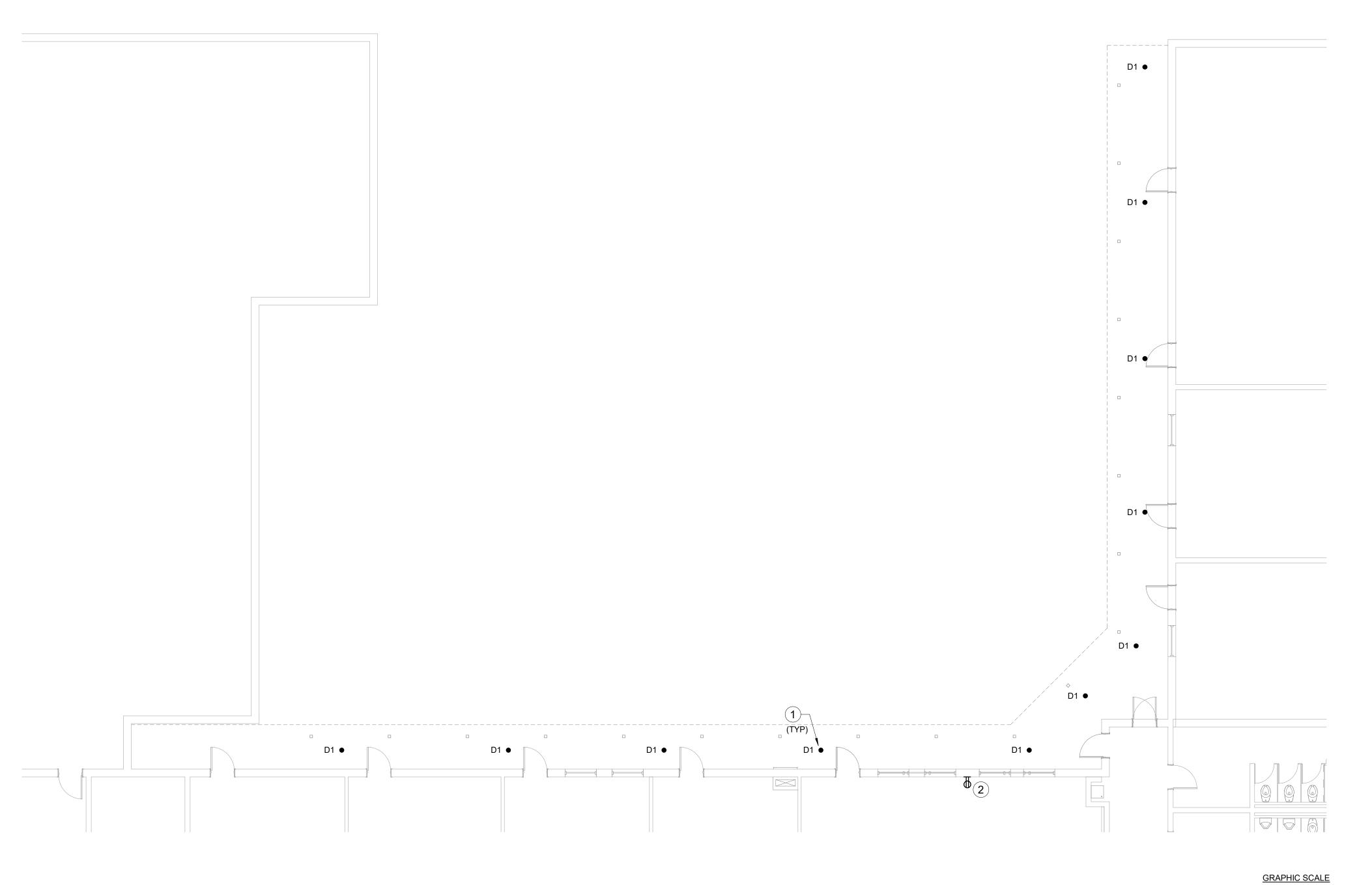
HORRY GEORGETOWN TECHNICAL COLLEGE

HGTC - GT BLDG. 100 EXTERIOR RENOVATIONS

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	Date:	08/13/2020
	Scale:	

E202
ELECTRICAL NEW
WORK LIGHTING
PLAN SIDE B



1 ELECTRICAL NEW WORK LIGHTING PLAN SIDE B

| E202 | SCALE: 1/8" = 1'-0"

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