University of South Carolina

DeSaussure E&G Window Replacement Project

State Project Number: H27-6117

Project Number: 18409

902 Sumter Street Columbia, SC 29208

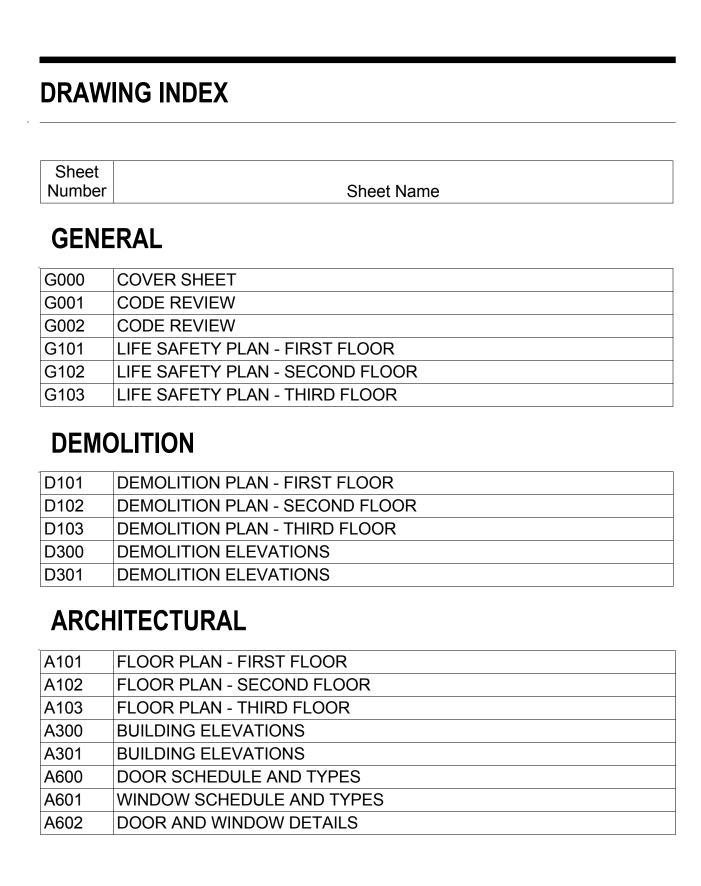
CONSTRUCTION DOCUMENTS

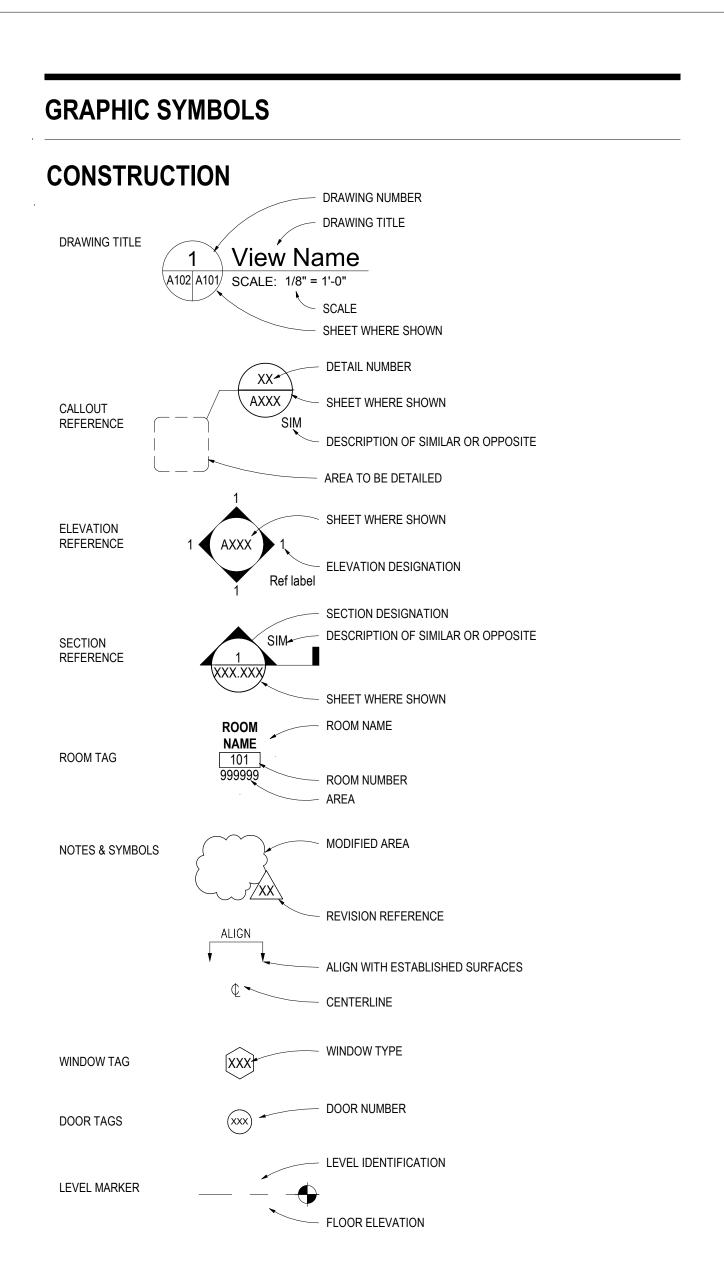
02/25/2019

147 Wappoo Creek Drive

Charleston, SC 29412

843.762.2222 843.762.2300





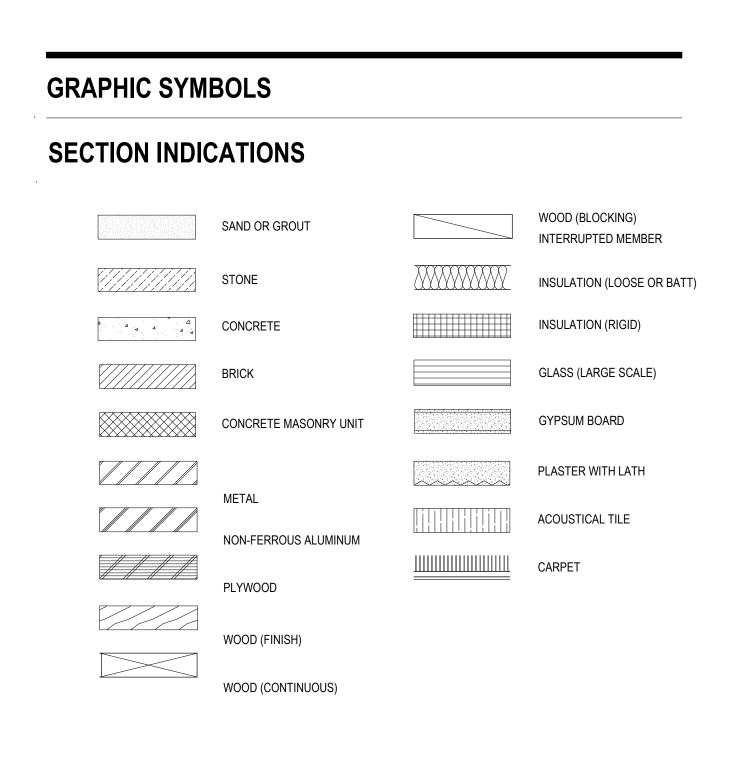


TABLE 5-1 FLOOD HAZARD INFORMATION & FLOOD	LOADS			TABLE 5-5	BUILDING HI	EIGHT		
FLOOD HAZARD AREA						AS	DESIGNED	
Base Flood Elevation NONE MSL Design Flood Elevation MSL				Without any	, Allowable	In Feet	In Stor	ries II
NON HIGH-VELOCITY WAVE ACTION				Increase (per IBC Ta				
Elevation of Lowest Proposed Floor N/A Dry floodproofing □ no □ yes per AS	MSL Meet ASCE 2 CE 24	24 Section 2.6.2.1/ 2	2.6.2.2	Allowable H	leight Increase		-	
HIGH-VELOCITY WAVE ACTION				Total Heigh	it, including ole Increase	54' EST.	3	
Elevation of Lowest Proposed Floor N/A Flotation resistant	CE 24	24 Section 2.6.2.1/2	2.6.2.2			ESIGN OCCUPANT	LOAD	
							Α	В
TABLE 5-2 SOILS & SITE				Stories			Floor Area	Max Area allowe
SOILS INVESTIGATION (If required)	□ no □ yes	per IBC 1803.2		& Levels	Function	on of Space	(specify NSF or GSF)	/Occupant(specif NSF or GSF)
SOILS CLASSIFICATION		150 4040		В	MECHANICA	AL	1,760	300 GSF
Site Class Classes Soil of Materials (UCS System) Allowable Footing Bearing Pressure	p	per IBC 1613.3 per IBC 1803.5 sf		D	Subtotal Desi	gn Occupant Load fo	•	200 NSF
MINIMUM DESIGN SOIL BEARING LOAD	p	sf per IBC table 1	1806.2	1	BUSINESS	, ,	3,975	100 NSF
SOILS CLASSIFICATION				_		` '		100 1131
Subgrade: Percent	□ ASTM D698	□ ASTM D1557 □	AASHTO		Subtotal Desi	gn Occupant Load fo	•	200 NSF
Base: Percent	(only for pavi □ ASTM D698	ing & roads) □ ASTM D1557 □	AASHTO	2	BUSINESS	, ,	3,975	100 NSF
Other: Percent	(only for pavi	ing & roads) □ ASTM D1557 □	AASHTO		Subtotal Desi	gn Occupant Load fo	or This Story	
7 6,66110	(only for pavi		77701110		RESIDENTIA	AL (R-2)	3,975	200 NSF
MINIMUM DESIGN SOIL LATERAL LOAD	p	sf per IBC table 1	1610.1	3	BUSINESS	(B)	3,023	100 NSF
FOOTINGS					Subtotal Desi	gn Occupant Load fo	or This Story	
Undisturbed footings Compacted Fill Material	□ no □ yes		5	Total Buildi	ng Design Occu	ıpant Load		
ELEVATIONS				FOOTNOT		o name of the Functi	ion of enaco usin	g the left column of T
Elevation of Water Table:		MS	SL.	2. Design	gn Area per eac	ch occupant of this fu	unction on this flo	or in either Gross or in Table 1004.1.2 of
Elevation of lowest footing: Elevation of lowest floor or basement		MS		4. Divid	e Column A (2)	by Column B (3) for	each function ar	nd enter result, round
		100	, L			n Occupant Load - s		sign Occupant Load (D value (6)
TABLE 5-3 BASIC BUILDING CODE INFORMATION	T D	AUZI EDED	(IDO 000)					
CONSTRUCTION CLASSIFICATION	Type: III-B; SPRI		_(IBC 602)			RE PROTECTION F	REQUIREMENTS	i
OCCUPANCY GROUP (indicate all) (Note IBC 506.5)	R-2 DORMITOR	Y, B BUSINESS	_(IBC 302)	SEPARATI Fireblocking			□ no 🛚 yes	
OCCUPANCY GROUP (indicate most restrictive)	R-2 DORMITOR	Y	_(IBC Table 503)		ng Required		□ no kayes □ no kayes	
					ntrol System Re		× no □yes	1
Does building require Incidental Use Area Separation?	x no □ yes	(IBC 509.1)			riers Required		× no □yes	
Does building have Accessory Occupancy (ies)? If so, what percent of story is Accessory Occupancy?	x no □yes	(IBC 508.2)	N/A SF N/A %		titions Required		x no □yes	
Mixed Occupancy	□ no x yes	(IBC 508)	SEE NOTE 1 BELOW	Fire Partition	n Required		□ no x yes	I
Non separated	x no □ yes	(IBC 508.3)	N/A	Fire Barrier	Required		□ no x yes	1
Separated	□ no x yes	(IBC 508.4)	RESIDENTIAL VS.	ALARM & [DETECTION			
		(IBC 506.5)	BUSINESS	Fire Alarm	System Require	ed	□ no x yes	ı
				Emergency	Alarm System	Required	x no □yes	
OTHER FIRE PROTECTION SYSTEMS, DEVICES or FEATIFICATION SYSTEMS, DEVICES or FEATIFICATION OF STATEMENT OF STA		the designers shou	uld list them here.	SUPPRES	SION			
describe the performance characteristics and refer to locati evacuation/control/compartments. Note IBC 414.1.3)				Standpipes	Required	1	x no □yes	
				Sprinklers F	•		□ no x yes	ı
NOTE 1: BUSINESS VS. RESIDENTAIL SEPARATION PER TABLE 5	508.4; 1 HOUR (EXISTING A	ASSUMED)		Sprinklers F			□ no x yes	
TABLE 5-4 BUILDING AREA					tinguishers Red		□ no x yes	1
AREA LIMIT BY TABLE 506.2 OF IBC		16,000	SF		ression System	•	x no □ yes	
(Do not indicate increases for sprinklers & street frontage.)		(area limitation			leat Vents Requ		x no □ yes	(1) (1) (1) (1) (1)
AREA MODIFICATION FROM EQUATION 5-1 OF IBC		56,000	SF dified area per story)	OTHER: (Ir	naicate other pro	oviaea tire and life sa	arety teatures not	t listed above, if any)
(Insert equation from IBC 506.1 with completed calcuations				I.				

Equation 5-1: Aa = At + [At x If] + [At x Is]

TOTAL ALLOWED AREA OF BUILDING

TOTAL DESIGNED AREA OF BUILDING

AREA AS DESIGNED PER STORY

(summary of all stories)

(Repeat for each story)

Aa = Alowable area per story (square feet).

= Tabular area per story in accordance with Table 503

Is = Area increase due to sprinkler protection as calculated in accordance with Section 506.3

(Repeat equation for each story of differing occupancies, IBC 506.5.2)

= Area increase factor due to frontage (percent) as calculated in accordance with Section 506.2

TABLE 5-5 BUILDING HEIC	וחכ			
	AS DE	AS DESIGNED		OWED BY IBC
	In Feet	In Stories	In Feet	In Stories
Without any Allowable Increase (per IBC Table 504.3)			55'	3
Allowable Height Increase (per IBC 504.2			20'	1
Total Height, including any Allowable Increase	54' EST.	3	75'	3

BLE 5-6 BUILDING DESIGN OCCUPANT LOAD

		A	В	С	D
Stories & Levels	Function of Space	Floor Area (specify NSF or GSF)	Max Area allowed /Occupant(specify NSF or GSF)	Persons on floor for this Function	Design Occupar Load
В	MECHANICAL	1,760	300 GSF	6	
	Subtotal Design Occupant Lo	oad for This Story			6
	RESIDENTIAL (R-2)	3,975	200 NSF	24	
1	BUSINESS (B)	3,023	100 NSF	27	
	Subtotal Design Occupant Lo	oad for This Story			51
	RESIDENTIAL (R-2)	3,975	200 NSF	24	
2	BUSINESS (B)	3,023	100 NSF	27	
	Subtotal Design Occupant Lo	oad for This Story			51
	RESIDENTIAL (R-2)	3,975	200 NSF	24	
3	BUSINESS (B)	3,023	100 NSF	27	
	Subtotal Design Occupant Lo	oad for This Story			51
otal Buildi	ng Design Occupant Load				159

FOOTNOTES:	

EXISTING ASSUMED

EXISTING ASSUMED

Provide the complete name of the Function of space using the left column of Table 1004.1.2 of the IBC. Design Area per each occupant of this function on this floor in either Gross or Net square footage Allowed Floor Areas in SF per Occupant per right column in Table 1004.1.2 of the IBC.

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

	TABLE 5-7 GENERAL FIRE PROTECTION	N REQUIREMENTS	
	SEPARATIONS		
	Fireblocking Required	□ no x yes	per IBC Section 718
	Draftstopping Required	□ no x yes	per IBC Section 718
	Smoke Control System Required	x no □ yes	per IBC Section 909
_	Smoke Barriers Required	x no □ yes	per IBC Sections 407 and 408
-	Smoke Partitions Required	x no □ yes	per IBC Sections 407 and 408
W	Fire Partition Required	□ no x yes	per IBC Section 708
	Fire Barrier Required	□ no x yes	per IBC Section 707
	ALARM & DETECTION		
	Fire Alarm System Required	□ no x yes	per IFC Section 907
	Emergency Alarm System Required	x no □ yes	per IFC Section 908
	SUPPRESSION		
	Standpipes Required	x no □ yes	per IFC Section 905
	Sprinklers Required	□ no x yes	per IFC Section 903
	Sprinklers Provided	□ no x yes	
\neg	Portable Extinguishers Required	□ no x yes	per IFC Section 906
	Other Suppression Systems Required	x no □ yes	per IFC Section 904

per IFC Section 910

TABLE 5-9 STRUCTURAL DES	IGN INFORMATION	
RISK CATEGORY		per IBC 1803.2
LIVE LOADS		
Floor Life Load F = Roof Live Load R =		List the F _{II} for each occupancy
Ground Snow p _g =		IBC Figure 1608.2 (or ASCE 7)
WIND LOADS		
Analysis ProcedureUltimate Design V_ULT = Wind Speed		ASCE 7 or IBC 1609.6 IBC Fig's. 1609A-1609C
Exposure Category Internal Pressure Coefficient	GC _{pi} =	IBC 1609.4.3 ASCE 7
External Pressure Coefficient	GC _p =	ASCE 7

	Ρ	
SEISMIC LOADS		
Seismic Importance Factor Site Class Mapped Spectral Response Acceleration Design Spectral Response Acceleration Parameter Seismic Design Category	ers	ASCE 7 Table 1.5-2 IBC 1613.3.2 $S_s = $ $S_l = $ $S_{DS} = $ IBC Table 1613.3.5(1) & 1613.3.5(2)
Basic Seismic Force Resisting System Design Base Shear Seismic Response Coefficient(s) Response Modification Factors(s) Analysis Procedure	KIPS C _s = R =	ASCE 7 ASCE 7

ARCHITECTURAL-MECHANICAL-ETC. Provide as applicable: architectural items, mechanical, plumbing, etc. per ASCE 7

SPECIAL LOADS Provide as applicable: abnormal items, moving loads, impact, hoisting, etc. per ASCE

BUILDING ELEMENT	Rating As Required (in hours)	Rating As Designed (in hours)	Testing Agency & Design No. (UL, FM, etc)	Designers Wall/Partition Key Code
Structural Frame per IBC Table 601)	0	0		
Bearing Walls Exterior Interior (per IBC Table 601)	2 0	2 (ASSUMED) 0		
Nonbearing Walls & Partitions Exterior Interior (per IBC Table 601 & 602) Note footnote "e" from Table 601	0 0	0		
Floor Construction including supporting beams & joists per IBC Table 601)	0*	0* / 1/2 (ASSUMED)		
Roof Construction including supporting beams & joists per IBC Table 601)	0	0		
Fire Walls per IBC Table 706)	N/A	N/A		
Fire Barriers per IBC Table 707)	1	1 (ASSUMED)	UL U906 (ASSUMED)	
Shaft Enclosures per IBC Table 713)	E&G HOUSING	2 (ASSUMED) 1 (ASSUMED)		
Fire Partitions per IBC Table 708)	1	1 (ASSUMED)	UL U906 (ASSUMED)	
Opening & Protective Listing by Category (fire shutters, doors, etc. per IBC Section 716)		NO NEW RATED OPENINGS		
Others (as required by Designer)				



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A Revision Date Description

University of South Carolina

DeSaussure E&G Window Replacement Project

902 Sumter Street Columbia, SC 29208

State Project Number:	H27-6117
Project Number:	18409
Checked By:	JMW
Drawn By:	ACD
Date:	02/25/2019
Scale:	

G001 **CODE REVIEW**

PROJECT DESIGNED IN ACCORDANCE WITH: International Building Code (IBC), 2015 Edition

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oopyright zorr. Turrighto recourses.	Tropiodadion, depying, or doe of the decigne enemi tropiod without white of Eleme 7 terminated and any infiningent or adjust to logar decient.

168,000

7,743

24,989

(area per story)

TABLE 5-10 PLUMBING	SINFORMATION				
WATER SYSTEM					
	Service Line:Inches				
Peak Flow: Total Demand:					
SANITARY SEWER SYS					
Loading:		GPD			
Service Line		Inches			
Size: Slope:					
MINIMUM PLUMBING FIX	XTURES REQUIRED/I	PROVIDED	Per IPC Section 403 & 7	Table 403.1	
	Male-Required	Male-Provided	Female-Required	Female-Provided	
Water Closets					
Lavatories					
Urinals*					
OTHER FIXTURES (Per I	IPC Sections 403 & Ta	able 403.1)	Required	Provided	
Drinking Fountains					
Unisex Toilet					
Service Sink					
Other (list)					
* Urinals - See IPC 419.2 Where mixed Occupancie The minimum required toi	es occur within building ilet fixtures are calcula				
TABLE 5-11 MECHANIC					
AIR COMFORT SYSTEM Overall Thermal Transfer					
Building Cooling Load:	value (OTTV).		SF / TON		
Building Heating Load:			BTUH* / SF (*B	TUH = BTU/Hour)	
OTHER LOADING FEAT					
Glass: Insulation Values:				Ratio	
Outside Air minimum whil	e _		CFM	Occupants	
occupied	C CEDVICE SYSTEM	0 0			
MECHANICAL SYSTEMS ENTITY describe mechanic		<u> </u>			
, docume modification					
(The above data aball be	considered a minimum	and any anasial affect	outo required to most the	mochanical	
(The above data shall be codes)		i and any special attri	oute required to meet the I	Hechanical	

codes.)

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ABLE 5-12 ELECTRICAL INFORMATION)N		
SERVICE TRANSFORMER	By Utility Company		/oltago/Phas
		KVA Primary \	/ollage/Pfias
ELECTRICAL SERVICE SERVICE VOITAGE/Phase Service Entrance Conductors Size Total Connected Load Estimated Maximum Demand Evailable Fault Current in Symmetrical Ampleterrupting Capacity of Serive Overcurrent EROUNDING ELECTRODE SYSTEM COI	Device:	AmperesQuantity per PhaseKVAKVA	NEC 250)
SERVICE TRANSFORMER			,
Emergency Generator X no X yes Exit/Emergency Lights Backup Power Fire Alarm System X Manual X Auto		Voltage/Phase	Fue
IGHTNING PROTECTION PROVIDED	× no	o 🔭 yes	
COMMUNICATIONS COORDINATED	X no	ot required X yes	
	RUCTION PERMITS/A	APPROVALS s applicable to each project. Agencies and A	/Es must
lelete non-applicable listings and add othe	SC LAW OR		
TYPE OF DEVELOPMENT	REGULATION	WHERE TO OBTAIN PERMIT/APPROVA	L STATUS
ir pollutant discharge	48-1-100, R61-62.1	SCDHEC - Air Quality Control	
ambulatory surgical facilities	R61-91	SCDHEC - Health Facilities Construction	
Asbestos abatement	R61-86.1	SCDHEC - Air Quality Control	
Building construction, Zoning	6-7-10, 6-9-110	Local Authority	
Community residential care facilities	R61-84	SCDHEC - Health Facilities Construction	
Construction in critical coastal areas	48-39-10, 130, 190	SCDHEC - Ocean & Costal Resource Management	
Construction in navigable waters	49-1-16	SCDHEC - Water Pollution Control	
Dams and resevoirs	49-11-200, R72-1, 2, 3	SCDHEC - Water Pollution Control	
Demolition of Real Property	R61-86.1	SCDHEC - Air Quality Control	
Design Review Board (BARs, SC Dept Archives & History, etc.)	Various local	Various local	
Educational facilities (K-12)	59-23-210	SC Department of Education - Office of District Facilities Management	
Elevators	41-16-90	SC Department of Labor, Licensing & Regulation	
Fire Department (Local)	Various local & state	Servicing Fire Department	
ire Protection Sprinkler	40-10	State Fire Marshal	
ire suppression systems	R71-8303	State Fire Marshal	
Floodplains, construction in	Exec. Order 82-19	Office of State Engineer	
ood service establishments	R61-25	SCDHEC - Local County Health Departmen	nt
distorical building rehabilitation	R12-125	Archives and History, Local Authority	
lospitals & infirmaries	R61-16	SCDHEC - Health Facilities Construction	
Road encroachment, local	57-7-60	Local City or County Authority	
Road encroachment, state	57-5-1080	Local SCDOT Maintenance Office	
Sanitary sewer; treatment & disposal	R61-56, 57	SCDHEC - Domestic Wastewater	
Storm water discharge, erosion and ediment control	R61-9; R72- 100-108	SCDHEC - Water Pollution Control; State Engineer; Local Authority	
Swimming areas, natural public	R61-50	SCDHEC - Water Supply Construction	
Swimming pools, public	R61-51	SCDHEC - Water Supply Construction	
Inderground storage tanks	R61-92	SCDHEC - Groundwater Protection	
Vaste discharge (sewage, industrial vaste, etc.)	48-1-100, 100 R61-9	SCDHEC - Water Pollution Control	
Vater supply	44-55-40, R61-57, 58	SCDHEC - Water Supply Construction	
Vells, underground injection	R61-71,87	SCDHEC - Groundwater Protection	
Zoning (Municipal, County or District)	Various		
		indicate the status of each Permit by incertic	on of

For Completion of this Table in the Bid Documents Stage, it must indicate the status of each Permit by insertion of "approved " and date in the status column. If not approved, indicate pending approval, phased approval and who (A/E, Agency, Contractor or Other) is to provide that documentation and anticipated date.



The Designer(s) of Record shall determine the material and/or work on the project requiring Special Inspections. The Special Inspection requirements shall be based on Section 1705 of the 2012 International Building Code. Any deviations from the requirements of Section1705 must be approved by OSE

PROJECT NAME:

PROJECT NUMBER:

N	MATERIAL	TYPE OF INSPECTION	FREQUENCY	SPECIFICATION REFERENCE	INSPECTION BY



147 Wappoo Creek Drive Suite 400 Charleston, SC 29412 P 843.762.2222





	Revision Date	Description

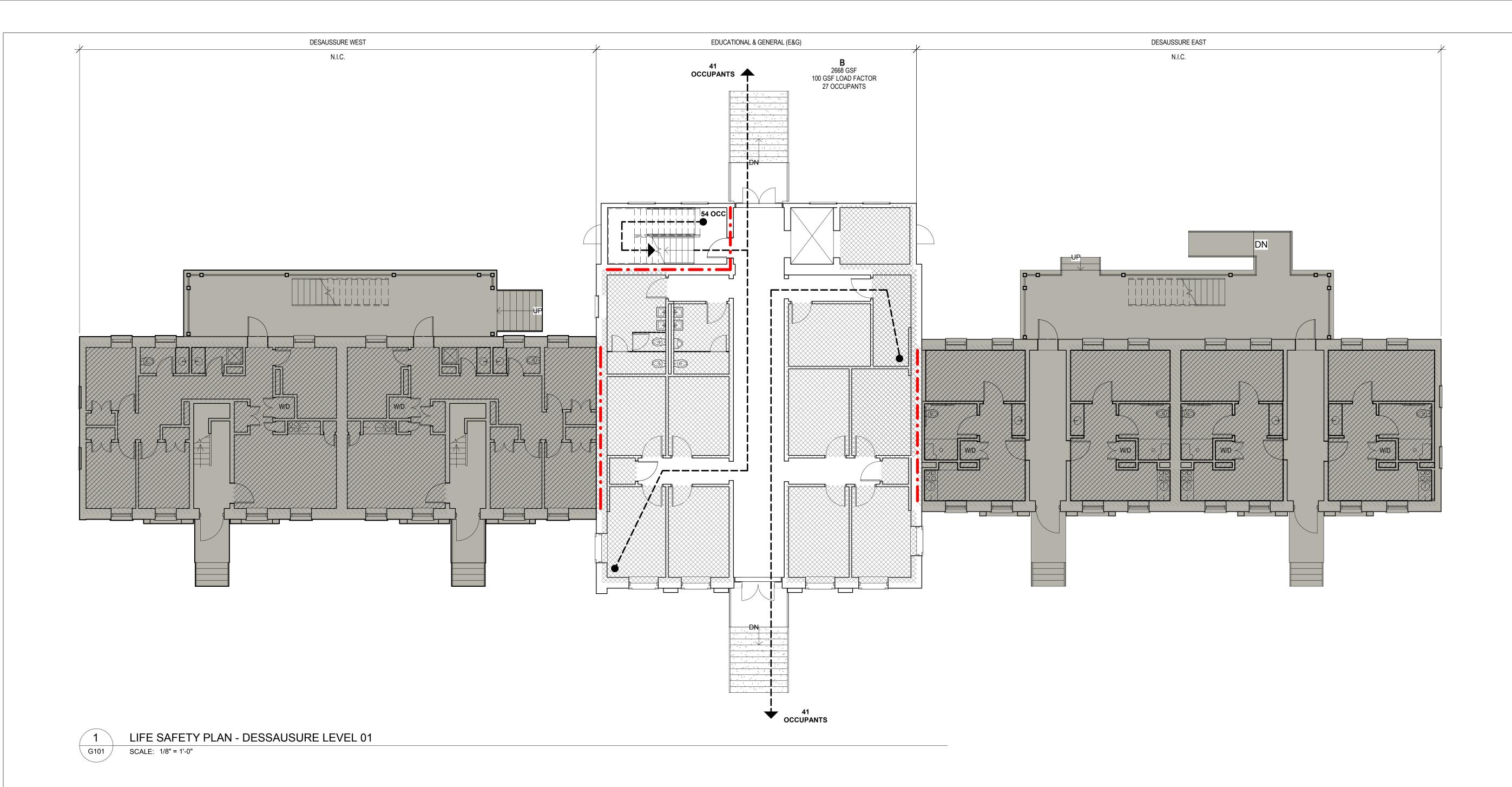
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DeSaussure E&G Window Replacement Project

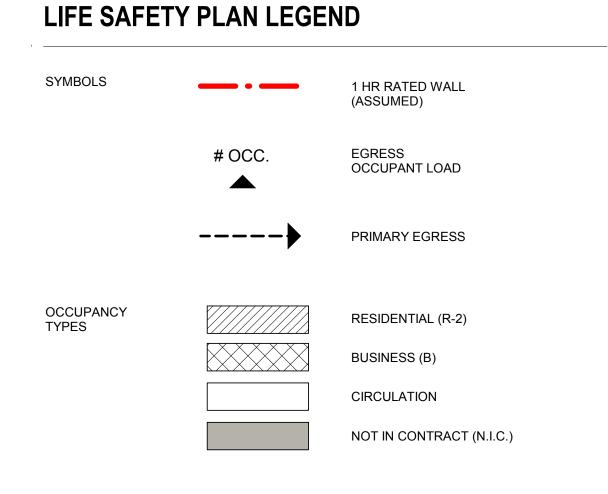
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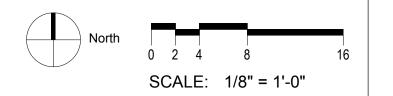
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Drawn By:	ACD
Date:	02/25/2019
Scale:	

G002 **CODE REVIEW**













2.25.2019

SOUTH CAROL

LIOLLIO

ARCHITECTURE, INC.

Charleston, SC

No. 100836

STERED ARCHITECTURE

A Revision Date Description

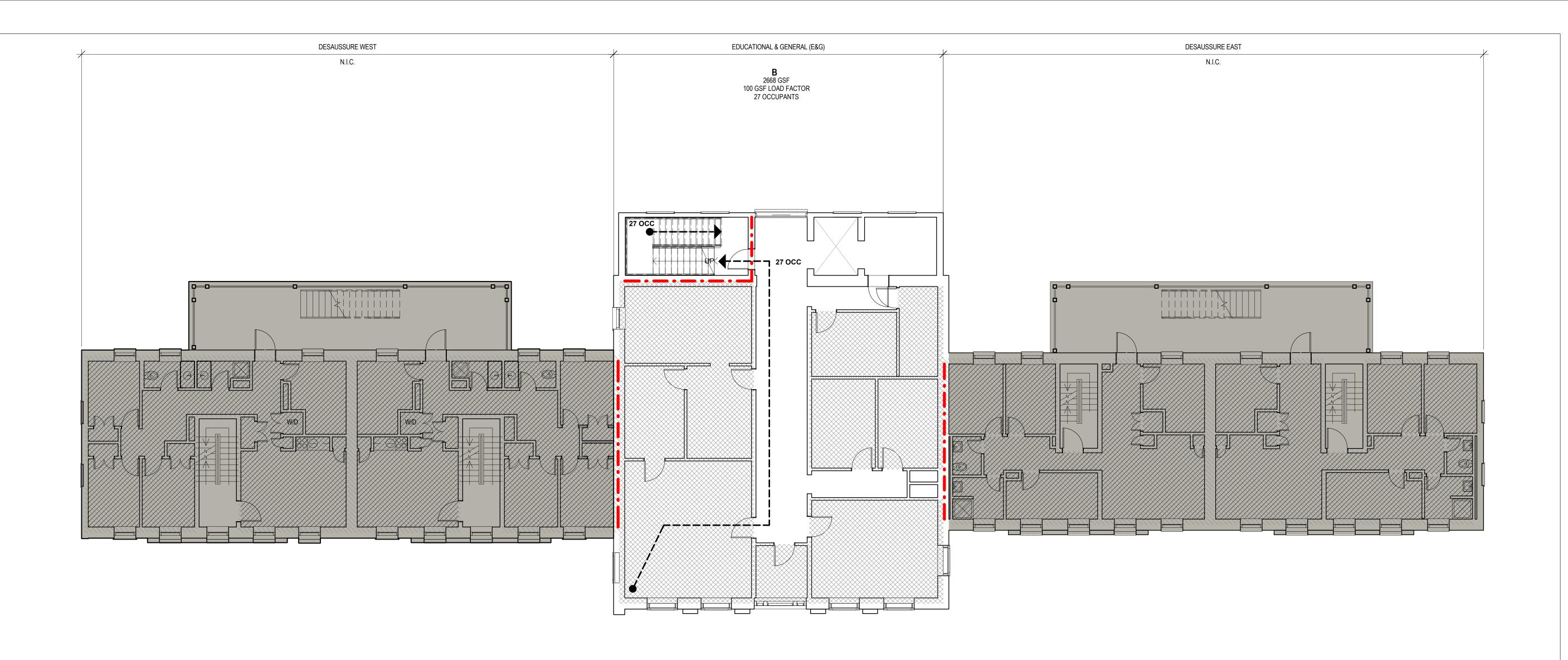
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G101 LIFE SAFETY PLAN -FIRST FLOOR









A Revision Date Description

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G102 LIFE SAFETY PLAN -SECOND FLOOR

1 LIFE SAFETY PLAN - DESSAUSURE LEVEL 02

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

LIFE SAFETY PLAN LEGEND

SYMBOLS

1 HR RATED WALL
(ASSUMED)

OCC.

CCUPANT LOAD

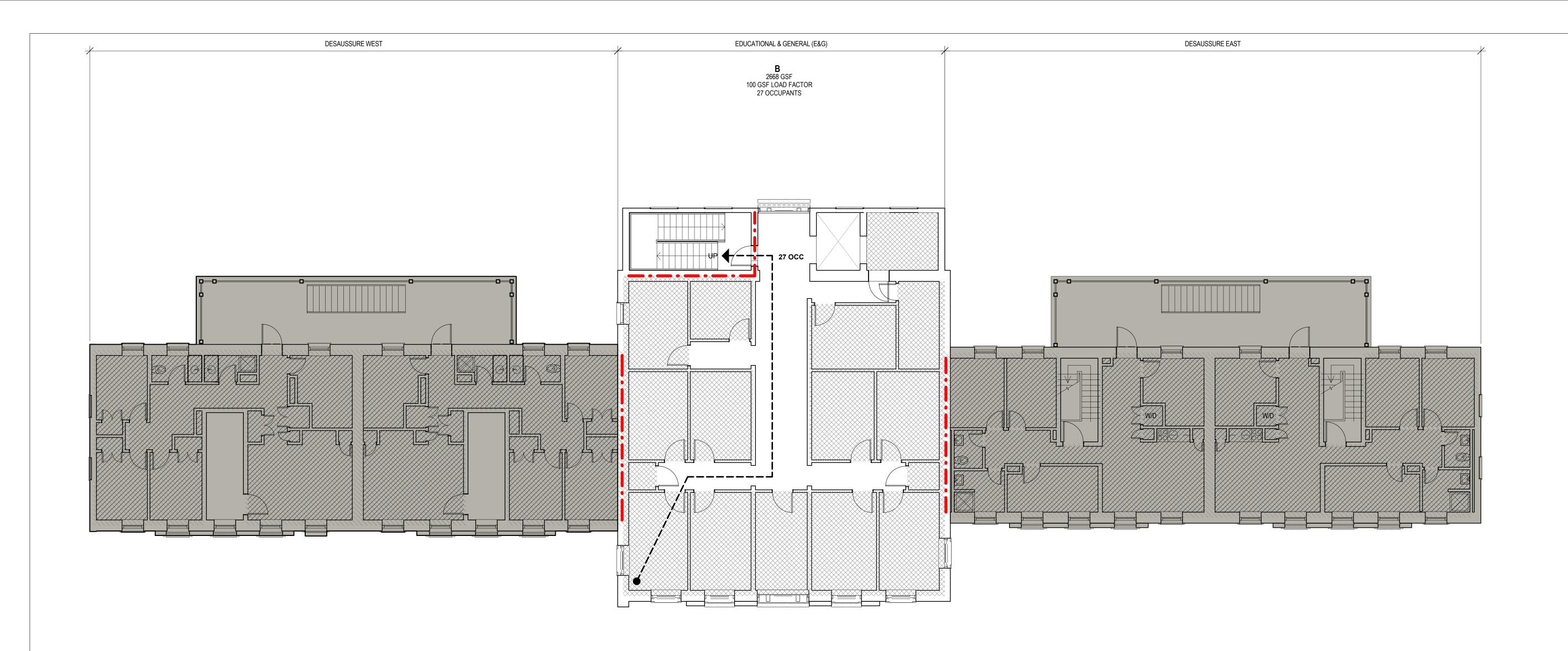
PRIMARY EGRESS

OCCUPANCY
TYPES

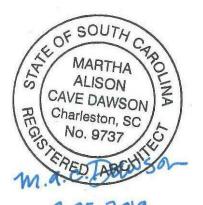
RESIDENTIAL (R-2)
BUSINESS (B)
CIRCULATION
NOT IN CONTRACT (N.I.C.)

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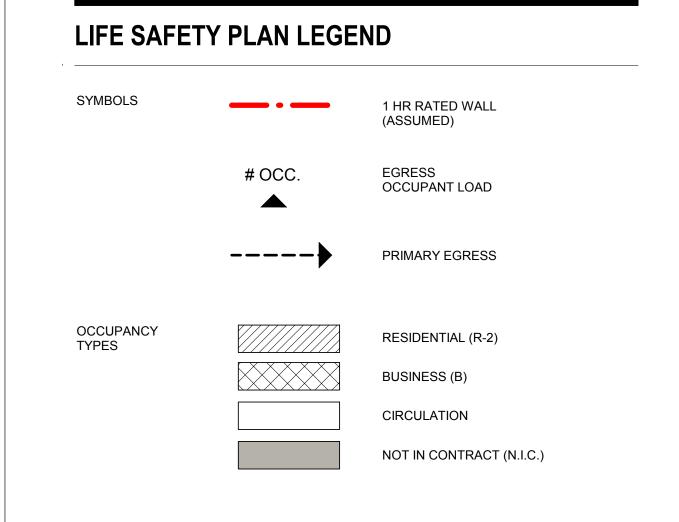
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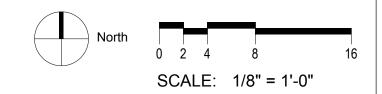
G103 LIFE SAFETY PLAN -THIRD FLOOR

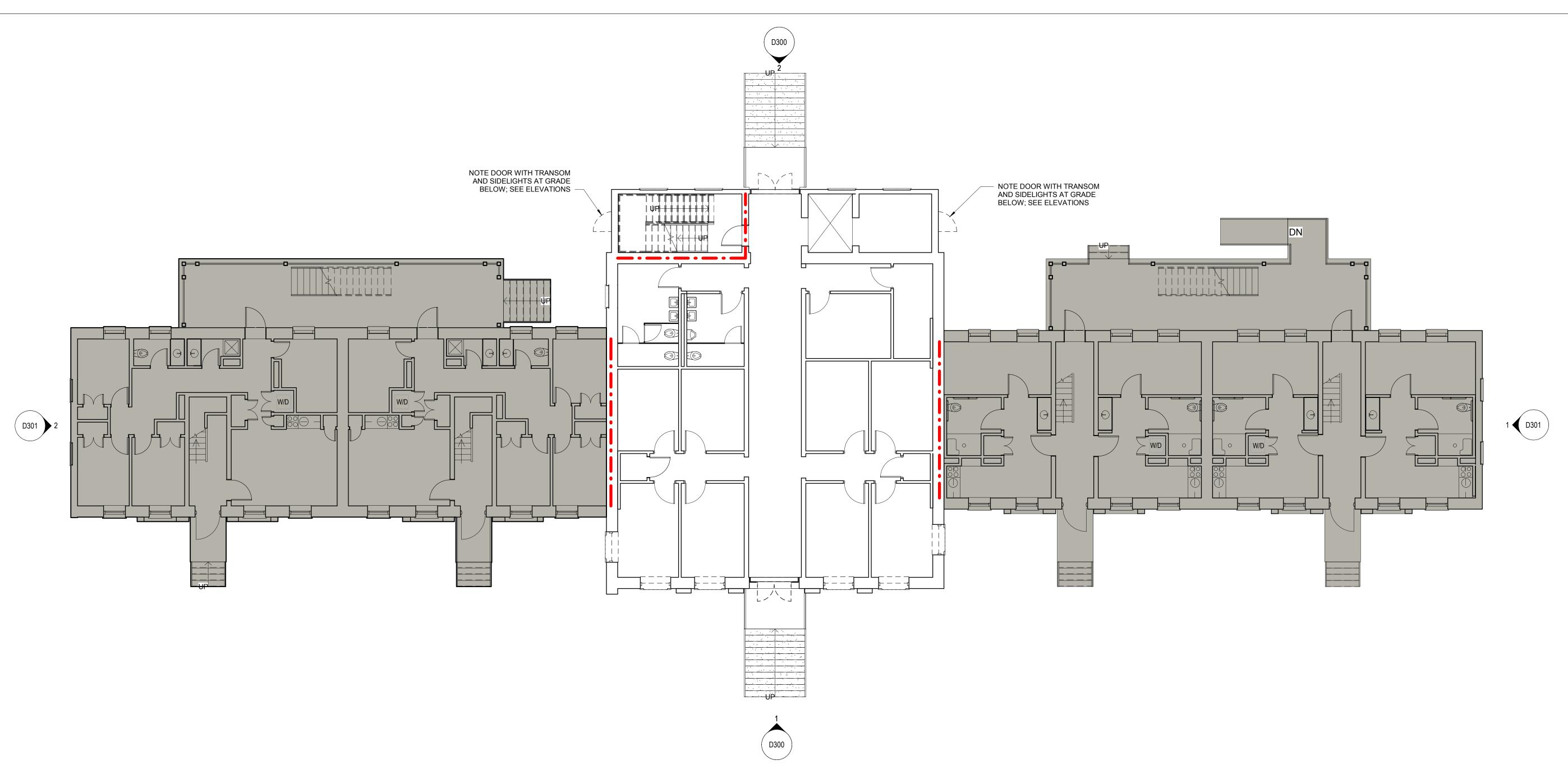
1 LIFE SAFETY PLAN - DESSAUSURE LEVEL 03

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



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D101

DEMO - DESSAUSURE LEVEL 01 SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

- A REMOVE ALL DOORS AND FRAMES SHOWN DASHED
- B CAREFULLY REMOVE ALL WINDOWS SHOWN DASHED. PROTECT EXTERIOR STUCCO FROM DAMAGE. SEE WINDOW DETAILS FOR EXTENT OF REMOVAL OF WINDOW AND SURROUNDING BLOCKING, TYP.
- C ALL OPENINGS WHERE WINDOWS AND DOORS ARE REMOVED SHALL BE CLEANED AND PREPPED TO RECEIVE NEW BUILDING MATERIALS.
- D OPENINGS SHALL BE COVERED, SECURED AND WATERPROOFED AT ALL TIMES WHEN CONSTRUCTION CREWS ARE NOT PRESENT.
- E STUCCO HEADERS AND SILLS TO REMAIN. CUT AND PATCH TO MATCH EXISTING AS REQUIRED FOR WINDOW INSTALLATION.

FLOOR PLAN LEGEND



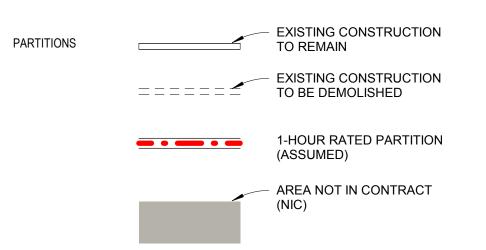
NOTE 1: EXTERIOR WINDOWS, DOORS AND FRAMES TO BE REMOVED WHERE

NOTE 2: INFILLED WINDOWS TO REMAIN; TYP. (N.I.C.)

INDICATED; TYP.

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D101 **DEMOLITION PLAN -**FIRST FLOOR





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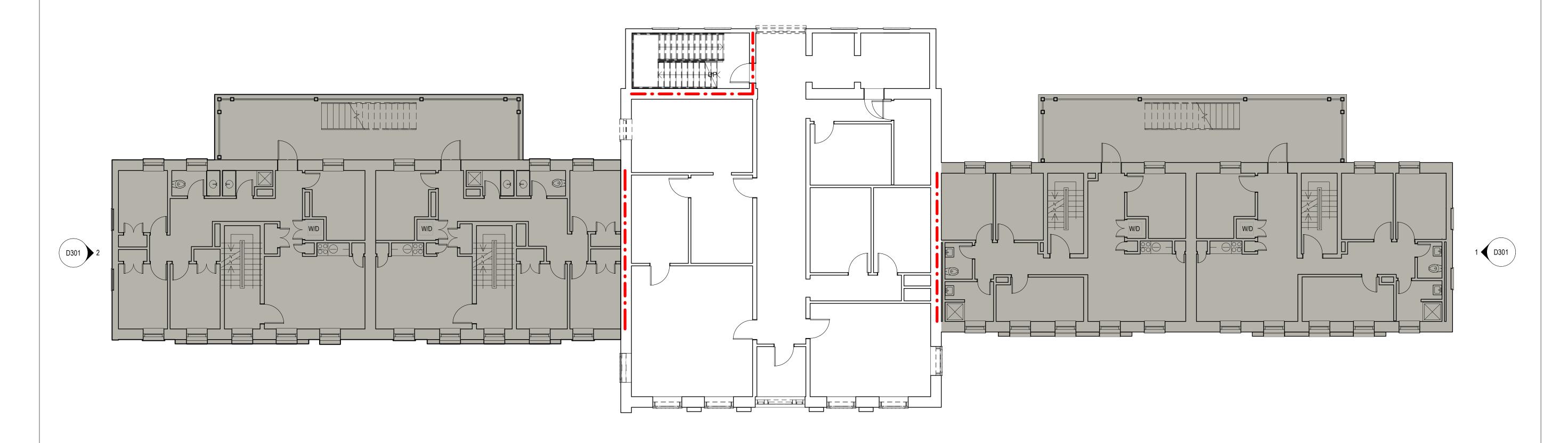
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D300



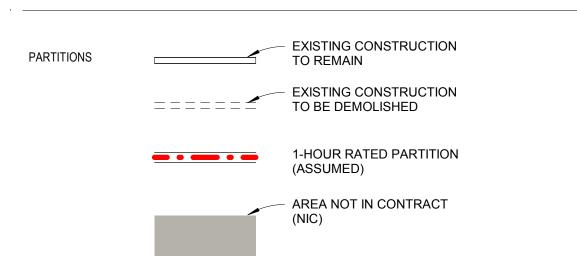
DEMO - DESSAUSURE LEVEL 02

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

GENERAL DEMOLITION NOTES

- A REMOVE ALL DOORS AND FRAMES SHOWN DASHED
- B CAREFULLY REMOVE ALL WINDOWS SHOWN DASHED. PROTECT EXTERIOR STUCCO FROM DAMAGE. SEE WINDOW DETAILS FOR EXTENT OF REMOVAL OF WINDOW AND SURROUNDING BLOCKING, TYP.
- C ALL OPENINGS WHERE WINDOWS AND DOORS ARE REMOVED SHALL BE CLEANED AND PREPPED TO RECEIVE NEW BUILDING MATERIALS.
- D OPENINGS SHALL BE COVERED, SECURED AND WATERPROOFED AT ALL TIMES WHEN CONSTRUCTION CREWS ARE NOT PRESENT.
- E STUCCO HEADERS AND SILLS TO REMAIN. CUT AND PATCH TO MATCH EXISTING AS REQUIRED FOR WINDOW INSTALLATION.

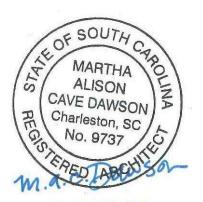
FLOOR PLAN LEGEND



NOTE 1: ALL EXTERIOR WINDOWS, DOORS AND FRAMES TO BE REMOVED; TYP. NOTE 2: INFILLED WINDOWS TO REMAIN; TYP. (N.I.C.)



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A Revision Date Description

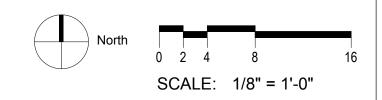
University of South Carolina

DeSaussure E&G Window Replacement Project

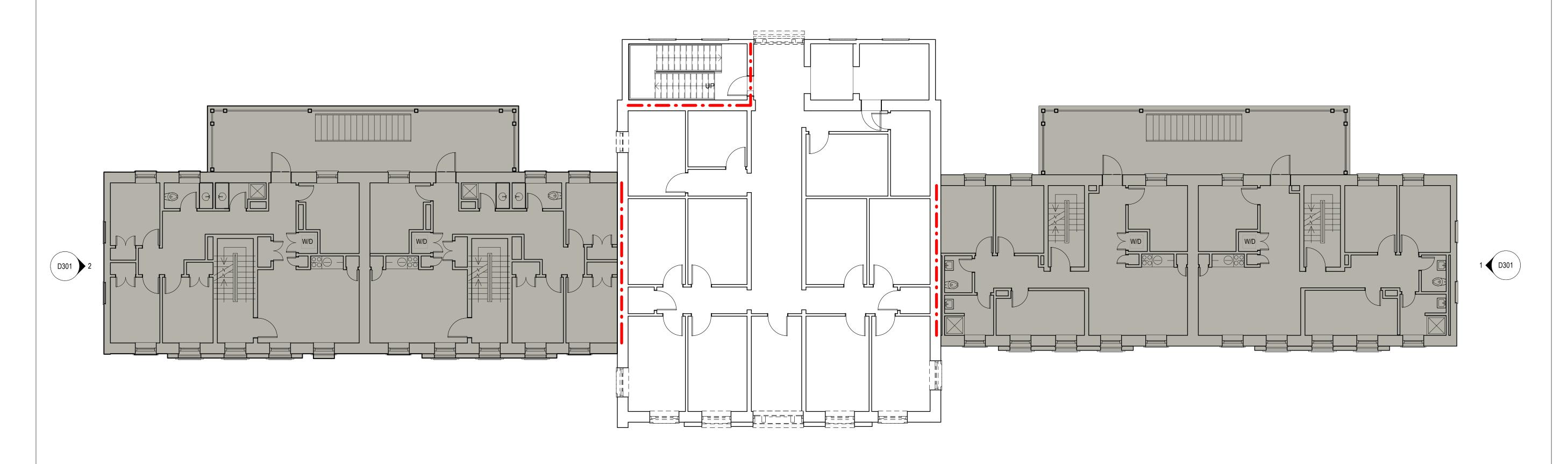
902 Sumter Street Columbia, SC 29208

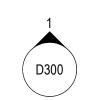
State Project Number:	H27-6117
Project Number:	18409
Checked By:	JMW
Drawn By:	ACD
Date:	02/25/2019
Scale:	1/8" = 1'-0"

D102 **DEMOLITION PLAN -**SECOND FLOOR









1 D103

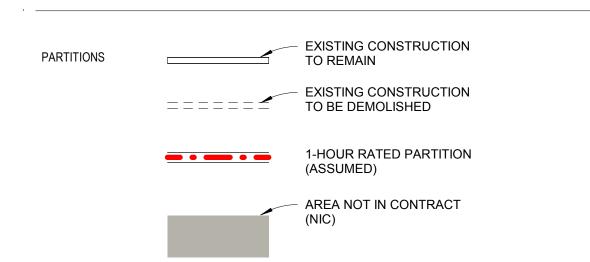
DEMO - DESSAUSURE LEVEL 03

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

GENERAL DEMOLITION NOTES

- A REMOVE ALL DOORS AND FRAMES SHOWN DASHED
- B CAREFULLY REMOVE ALL WINDOWS SHOWN DASHED. PROTECT EXTERIOR STUCCO FROM DAMAGE. SEE WINDOW DETAILS FOR EXTENT OF REMOVAL OF WINDOW AND SURROUNDING BLOCKING, TYP.
- C ALL OPENINGS WHERE WINDOWS AND DOORS ARE REMOVED SHALL BE CLEANED AND PREPPED TO RECEIVE NEW BUILDING MATERIALS.
- D OPENINGS SHALL BE COVERED, SECURED AND WATERPROOFED AT ALL TIMES WHEN CONSTRUCTION CREWS ARE NOT PRESENT.
- E STUCCO HEADERS AND SILLS TO REMAIN. CUT AND PATCH TO MATCH EXISTING AS REQUIRED FOR WINDOW INSTALLATION.

FLOOR PLAN LEGEND



NOTE 1: ALL EXTERIOR WINDOWS, DOORS AND FRAMES TO BE REMOVED; TYP.
NOTE 2: INFILLED WINDOWS TO REMAIN; TYP. (N.I.C.)



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2.25.2019

SOUTH CAROL

SO ARCHITECTURE, INC.

Charleston, SC
No. 100836

A Revision Date Description

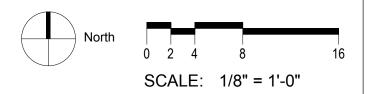
University of South Carolina

DeSaussure E&G Window Replacement Project

902 Sumter Street Columbia, SC 29208

State Project Number:	H27-6117
Project Number:	18409
Checked By:	JMW
Drawn By:	ACD
Date:	02/25/2019
Scale:	1/8" = 1'-0"

D103
DEMOLITION PLAN THIRD FLOOR





1 ELEVATION - SOUTH DEMO

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



2 D300

ELEVATION - NORTH DEMO

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

GENERAL DEMOLITION NOTES

- A REMOVE ALL DOORS AND FRAMES SHOWN DASHED
- B CAREFULLY REMOVE ALL WINDOWS SHOWN DASHED. PROTECT EXTERIOR STUCCO FROM DAMAGE. SEE WINDOW DETAILS FOR EXTENT OF REMOVAL OF WINDOW AND SURROUNDING BLOCKING, TYP.
- C ALL OPENINGS WHERE WINDOWS AND DOORS ARE REMOVED SHALL BE CLEANED AND PREPPED TO RECEIVE NEW BUILDING MATERIALS.
- D OPENINGS SHALL BE COVERED, SECURED AND WATERPROOFED AT ALL TIMES WHEN CONSTRUCTION CREWS ARE NOT PRESENT.
- E STUCCO HEADERS AND SILLS TO REMAIN. CUT AND PATCH TO MATCH EXISTING AS REQUIRED FOR WINDOW INSTALLATION.

NOTE 1: ALL EXTERIOR WINDOWS, DOORS AND FRAMES AT E&G TO BE REMOVED; TYP.
NOTE 2: INFILLED WINDOWS TO REMAIN; TYP. (N.I.C.)



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2.25.2019

2.25.2019

SOUTH CAROL

ARCHITECTURE, INC.

Charleston, SC

No. 100836

STERED ARCHITECTURE

A Revision Date Description

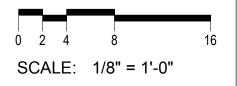
University of South Carolina	

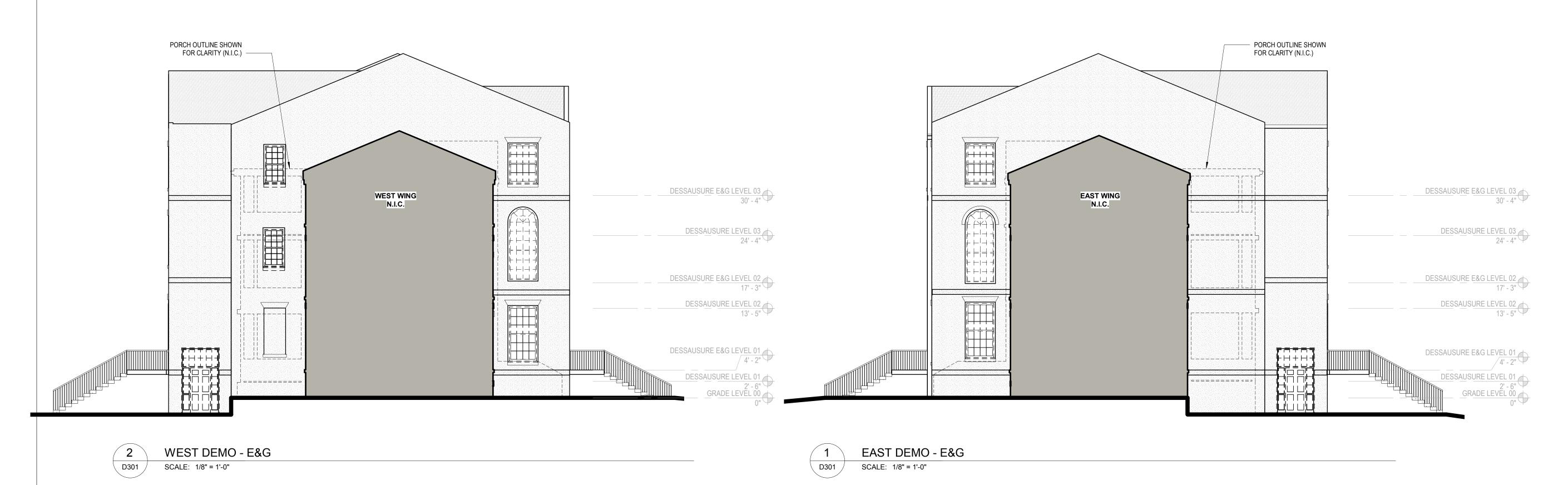
DeSaussure E&G Window Replacement Project

902 Sumter Street Columbia, SC 29208

State Project Number:	H27-6117					
Project Number:	18409					
Checked By:	JMW					
Drawn By:	ACD					
Date:	02/25/2019					
Scale:	1/8" = 1'-0"					

D300
DEMOLITION
ELEVATIONS

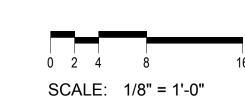




NOTE 1: ALL EXTERIOR WINDOWS, DOORS AND FRAMES TO BE REMOVED; NOTE 2: INFILLED WINDOWS TO REMAIN; TYP. (N.I.C.)

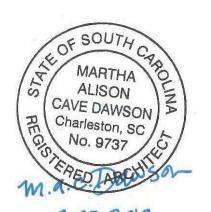
GENERAL DEMOLITION NOTES

- A REMOVE ALL DOORS AND FRAMES SHOWN DASHED
- B CAREFULLY REMOVE ALL WINDOWS SHOWN DASHED. PROTECT EXTERIOR STUCCO FROM DAMAGE. SEE WINDOW DETAILS FOR EXTENT OF REMOVAL OF WINDOW AND SURROUNDING BLOCKING, TYP.
- C ALL OPENINGS WHERE WINDOWS AND DOORS ARE REMOVED SHALL BE CLEANED AND PREPPED TO RECEIVE NEW BUILDING MATERIALS.
- D OPENINGS SHALL BE COVERED, SECURED AND WATERPROOFED AT ALL TIMES WHEN CONSTRUCTION CREWS ARE NOT PRESENT.
- E STUCCO HEADERS AND SILLS TO REMAIN. CUT AND PATCH TO MATCH EXISTING AS REQUIRED FOR WINDOW INSTALLATION.





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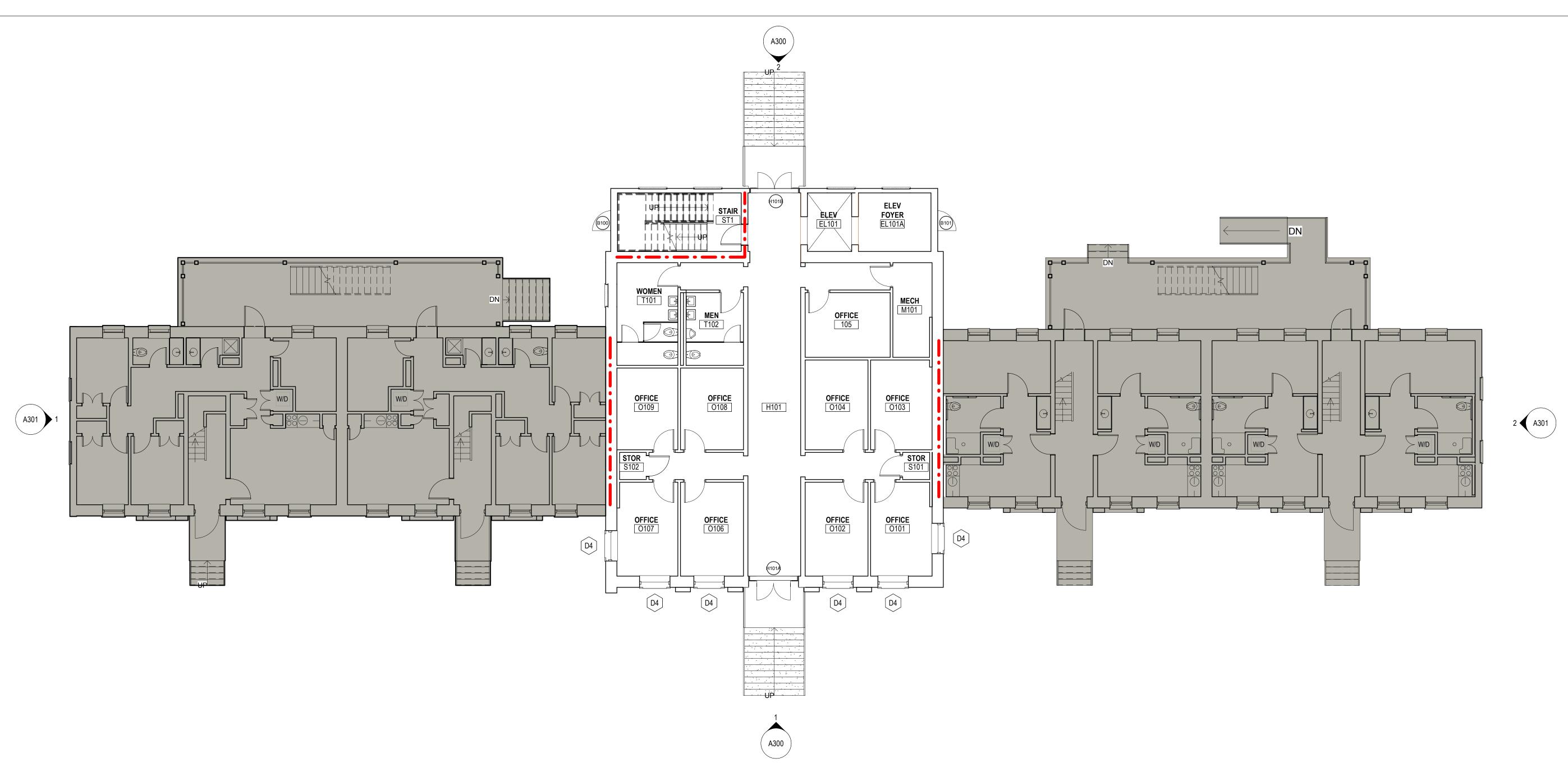
University of South Carolina
DeSaussure E&G
Window
Replacement

902 Sumter Street Columbia, SC 29208

Project

State Project Number:	H27-6117					
Project Number:	18409					
Checked By:	JMW					
Drawn By:	ACD					
Date:	02/25/2019					
Scale:	1/8" = 1'-0"					

D301 DEMOLITION **ELEVATIONS**





DESSAUSURE LEVEL 01 SCALE: 1/8" = 1'-0"

GENERAL NOTES

- A REFER TO COVER SHEET G000 ADDITIONAL NOTES, SYMBOLS AND SCHEDULES.
- B CUT AND PATCH FINISHES AROUND WINDOWS AND DOORS TO MATCH EXISTING AS REQUIRED.
- C MULTIPLE STUCCO FINISHES MAY BE PRESENT
- D SEE A600 SHEETS FOR DOOR / WINDOW SCHEDULES, TYPES AND DETAILS.

FLOOR PLAN LEGEND - EXISTING CONSTRUCTION TO REMAIN **PARTITIONS** EXISTING CONSTRUCTION TO BE DEMOLISHED 1-HOUR RATED PARTITION AREA NOT IN CONTRACT AREA - WINDOW TYPE WINDOW TAG DOOR TAGS



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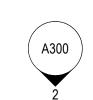
University of South Carolina

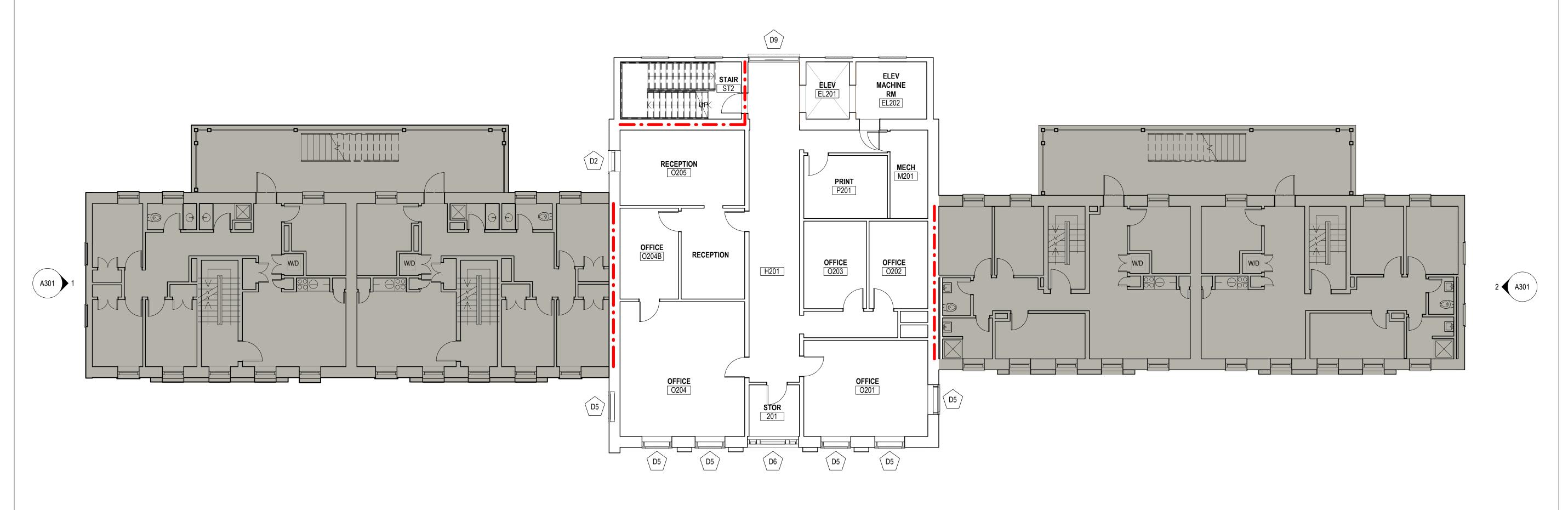
DeSaussure E&G Window Replacement Project

902 Sumter Street Columbia, SC 29208

State Project Number:	H27-6117
Project Number:	18409
Checked By:	JMW
Drawn By:	ACD
Date:	02/25/2019
Scale:	1/8" = 1'-0"

A101 FLOOR PLAN - FIRST FLOOR









DESSAUSURE LEVEL 02

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

GENERAL NOTES

- A REFER TO COVER SHEET G000 ADDITIONAL NOTES, SYMBOLS AND SCHEDULES.
- B CUT AND PATCH FINISHES AROUND WINDOWS AND DOORS TO MATCH EXISTING AS REQUIRED.
- C MULTIPLE STUCCO FINISHES MAY BE PRESENT
- D SEE A600 SHEETS FOR DOOR / WINDOW SCHEDULES, TYPES AND DETAILS.

PARTITIONS EXISTING CONSTRUCTION TO REMAIN EXISTING CONSTRUCTION TO BE DEMOLISHED 1-HOUR RATED PARTITION (ASSUMED) AREA AREA WINDOW TAG DOOR NUMBER DOOR NUMBER



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2.25.2019

OF SOUTH CARO
LIOLLIO
ARCHITECTURE, INC.
Charleston, SC
No. 100836
CONTRACTOR ARCHITECTURE
ARCHITE

A Revision Date Description

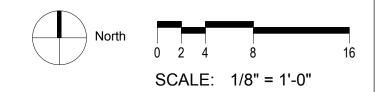
University of South Carolina

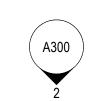
DeSaussure E&G Window Replacement Project

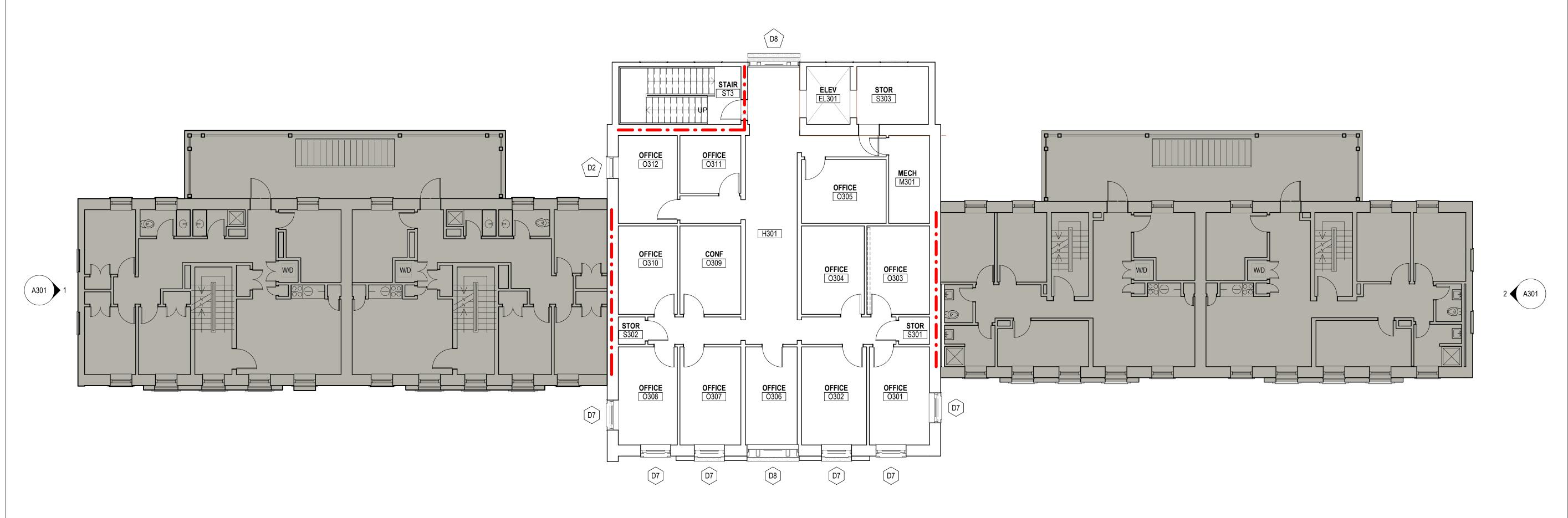
902 Sumter Street Columbia, SC 29208

State Project Number:	H27-6117
Project Number:	18409
Checked By:	JMW
Drawn By:	ACD
Date:	02/25/2019
Scale:	1/8" = 1'-0"
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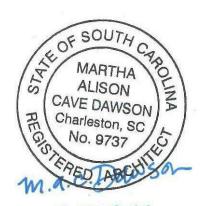
A102 FLOOR PLAN -SECOND FLOOR













University of South Carolina

DeSaussure E&G Window Replacement Project

902 Sumter Street Columbia, SC 29208

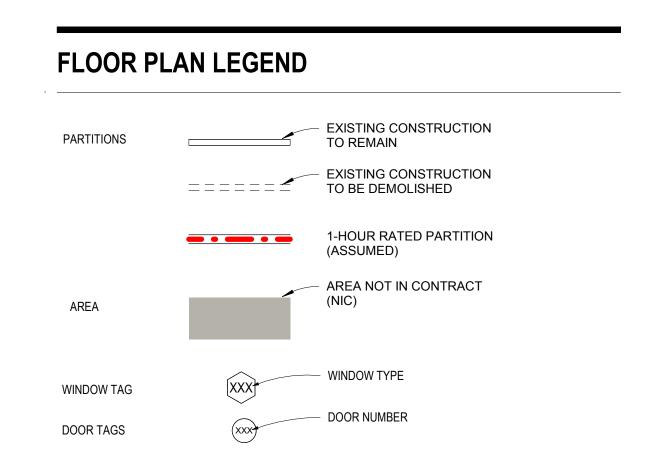
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Project Number:	18409
Checked By:	JMW
Drawn By:	ACD
Date:	02/25/2019
Scale:	1/8" = 1'-0"

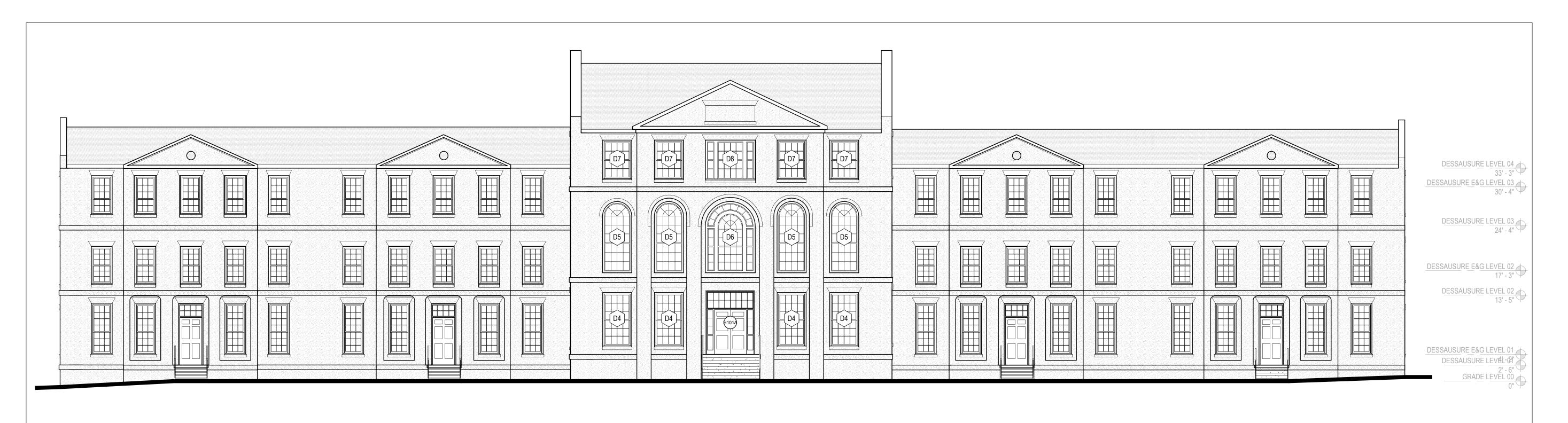
A103 FLOOR PLAN - THIRD FLOOR



GENERAL NOTES

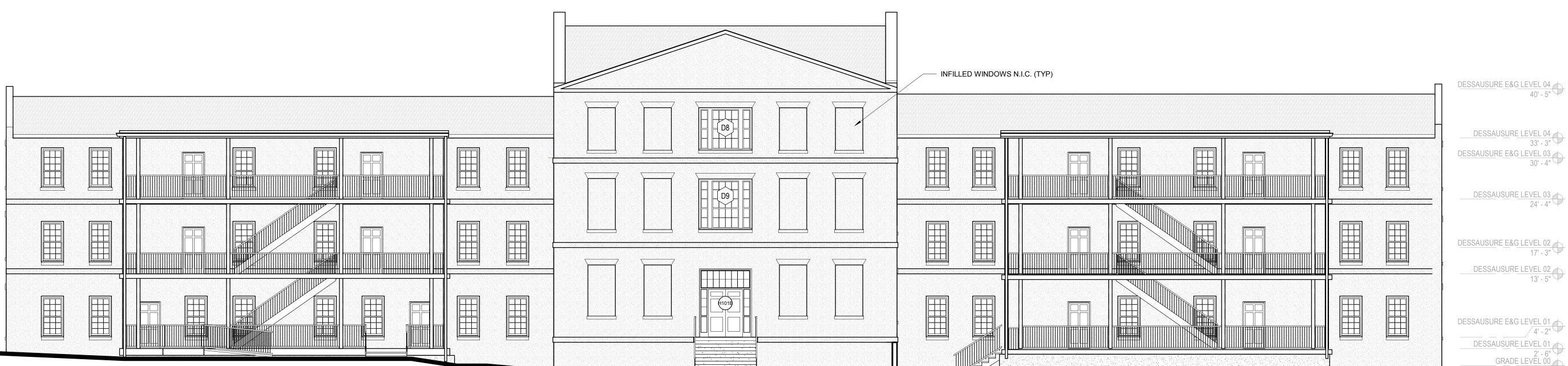
- A REFER TO COVER SHEET G000 ADDITIONAL NOTES, SYMBOLS AND SCHEDULES.
- B CUT AND PATCH FINISHES AROUND WINDOWS AND DOORS TO MATCH EXISTING AS REQUIRED.
- C MULTIPLE STUCCO FINISHES MAY BE PRESENT
- D SEE A600 SHEETS FOR DOOR / WINDOW SCHEDULES, TYPES AND DETAILS.





1 E

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

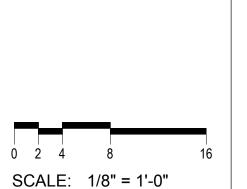


2 A300

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

GENERAL ELEVATION NOTES

- A REFER TO SHEET G000 FOR ADDITIONAL NOTES, SYMBOLS AND SCHEDULES.
- B PATCH STUCCO DAMAGED BY CONSTRUCTION ACTIVITIES WITH COMPATIBLE MIXES. PERFORM MATERIAL TESTS TO DETERMINE MIX RATIOS.
- C MULTIPLE STUCCO FINISHES MAY BE PRESENT
- D SEE WINDOW/DOOR SCHEDULES, TYPES AND DETAIL ON A600 SHEETS





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2.25.2019

SOUTH CAROL

ARCHITECTURE, INC.

Charleston, SC

No. 100836

STERED ARCHITECTURE

△ Revision Date Description

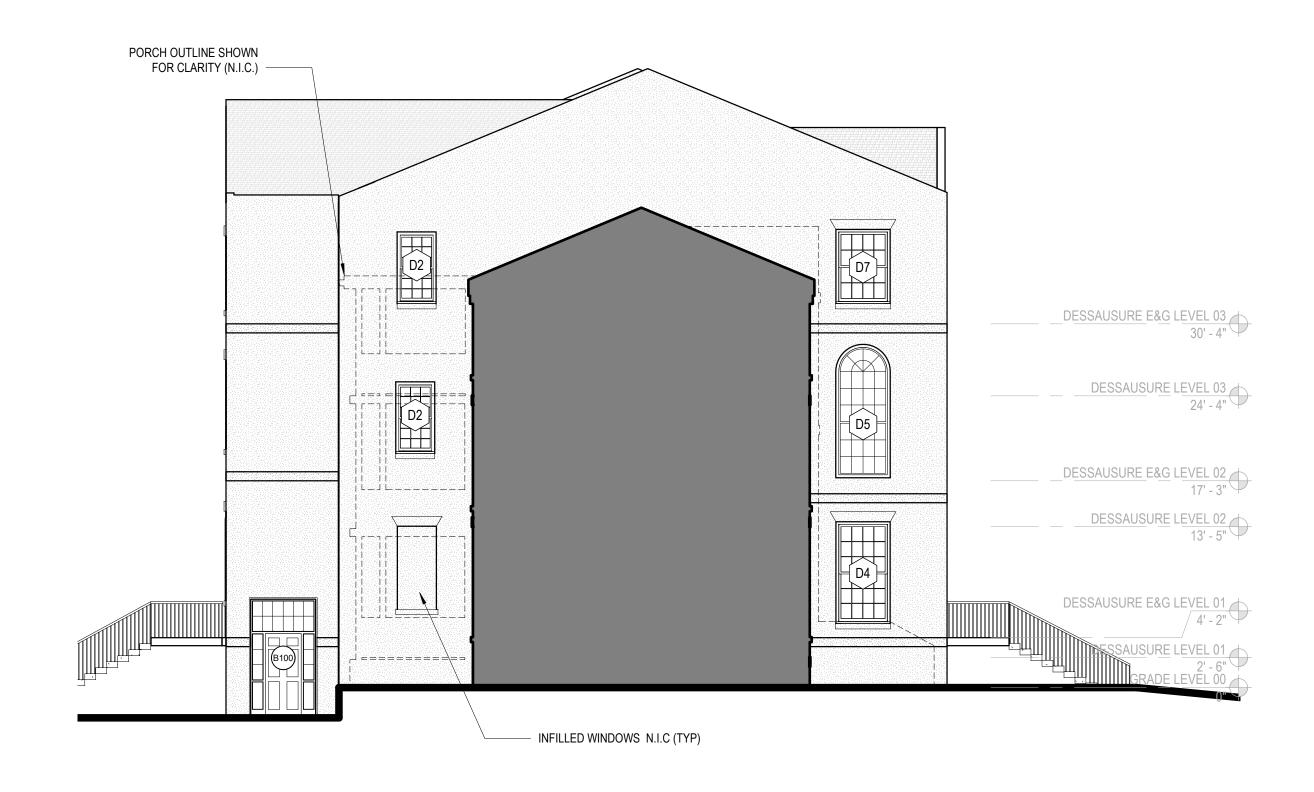
University of South Carolina

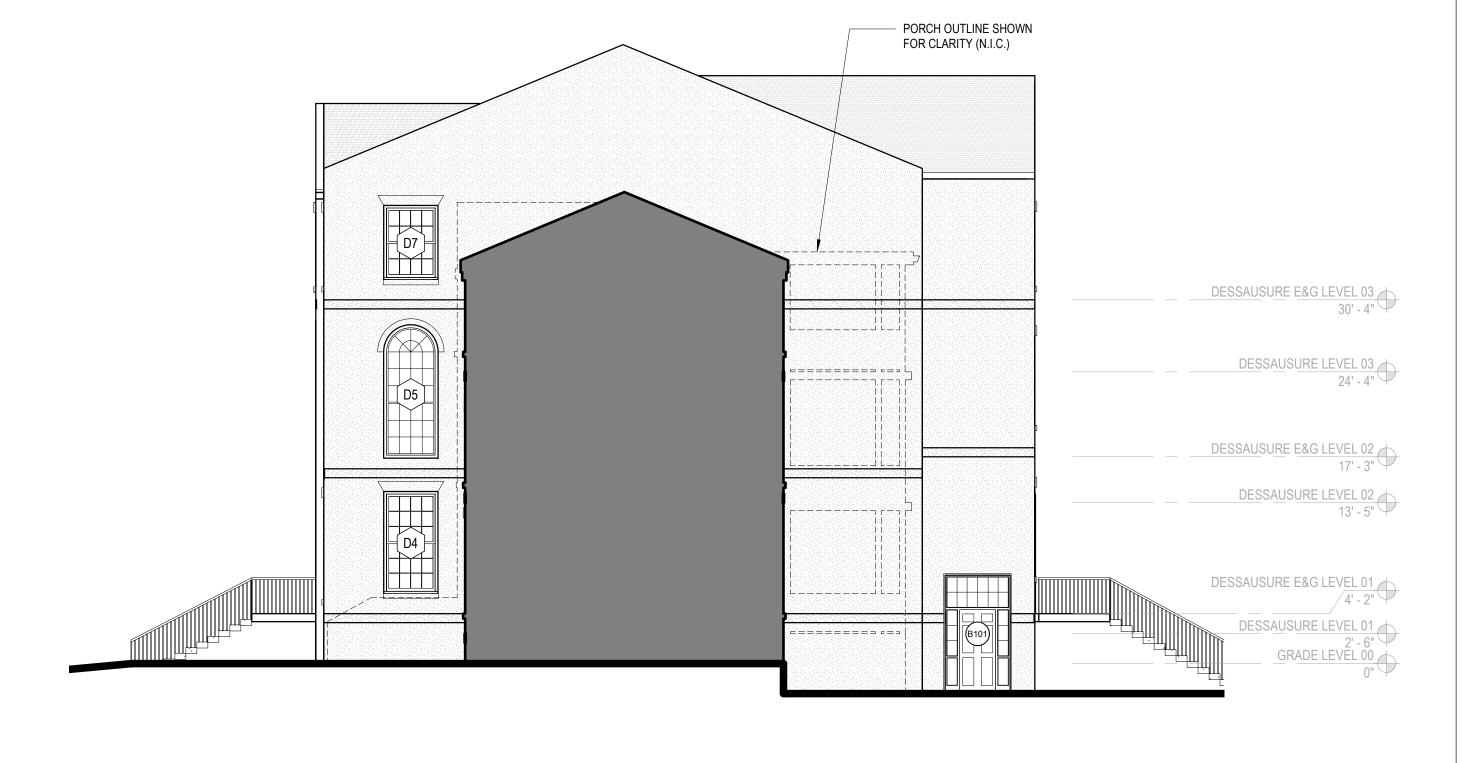
DeSaussure E&G Window Replacement Project

902 Sumter Street Columbia, SC 29208

State Project Number:	H27-6117	
Project Number:	18409	
Checked By:	JMW	
Drawn By:	ACD	
Date:	02/25/2019	
Scale:	1/8" = 1'-0"	

A300 BUILDING ELEVATIONS





A301

ELEVATION - EAST E&G

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

GENERAL ELEVATION NOTES

A301

A REFER TO SHEET G000 FOR ADDITIONAL NOTES, SYMBOLS AND SCHEDULES.

ELEVATION - WEST E&G

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

- B PATCH STUCCO DAMAGED BY CONSTRUCTION ACTIVITIES WITH COMPATIBLE MIXES. PERFORM MATERIAL TESTS TO DETERMINE MIX RATIOS.
- C MULTIPLE STUCCO FINISHES MAY BE PRESENT
- D SEE WINDOW/DOOR SCHEDULES, TYPES AND DETAIL ON A600 SHEETS



0 2 4 8 SCALE: 1/8" = 1'-0"



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A Revision Date Description

University of South Carolina
DeSaussure E&G
Window

902 Sumter Street Columbia, SC 29208

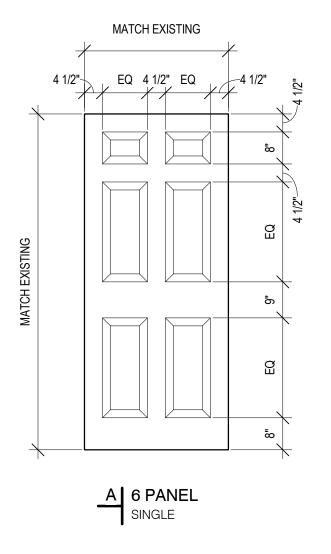
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Project Number:	18409	
Checked By:	JMW	
Drawn By:	ACD	
Date:	02/25/2019	
Scale:	1/8" = 1'-0"	
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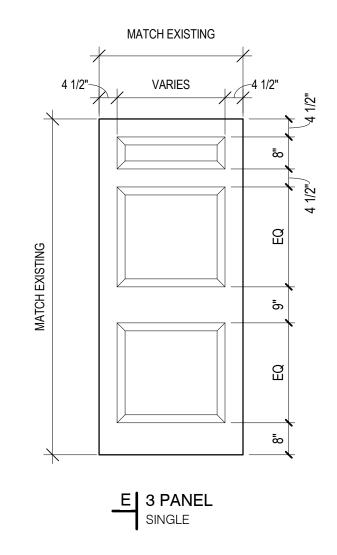
A301
BUILDING
ELEVATIONS

								SCHEDULE - DOOR A	AND FRAME						
Door Frame Frame															
Mark	Туре	Material	Finish	Leaf Width	Leaf Height	Thickness	Frame Type	R.O. Width	R.O. Height	Material	Head	Jamb	Sill	Fire Rating	Comments
		_													
B100	Α	WD	PT-1	3' - 0" (NOTE 2)	7' - 0" (NOTE 2)	1 3/4" (NOTE 2)	5	5' - 5" (NOTE 2)	9' - 10 1/2" (NOTE 2)	WD F	11/A602	J1/A602	S1/A602		MATCH MASONRY OPENING
B101	Α			3' - 0" (NOTE 2)	7' - 0" (NOTE 2)	1 3/4" (NOTE 2)	5	5' - 5" (NOTE 2)	9' - 10 1/2" (NOTE 2)	WD F	H1/A602	J1/A602	S1/A602		MATCH MASONRY OPENING
H101A	EE			2' - 6" (NOTE 2)	7' - 0" (NOTE 2)	1 3/4" (NOTE 2)	5	7' - 5" (NOTE 2)	9' - 10 1/2" (NOTE 2)	WD F	H1/A602	J1/A602	S1/A602		MATCH MASONRY OPENING
H101B	EE	\downarrow		2' - 6" (NOTE 2)	7' - 0" (NOTE 2)	1 3/4" (NOTE 2)	5	7' - 5" (NOTE 2)	9' - 10 1/2" (NOTE 2)	WD F	H1/A602	J1/A602	S1/A602		MATCH MASONRY OPENING

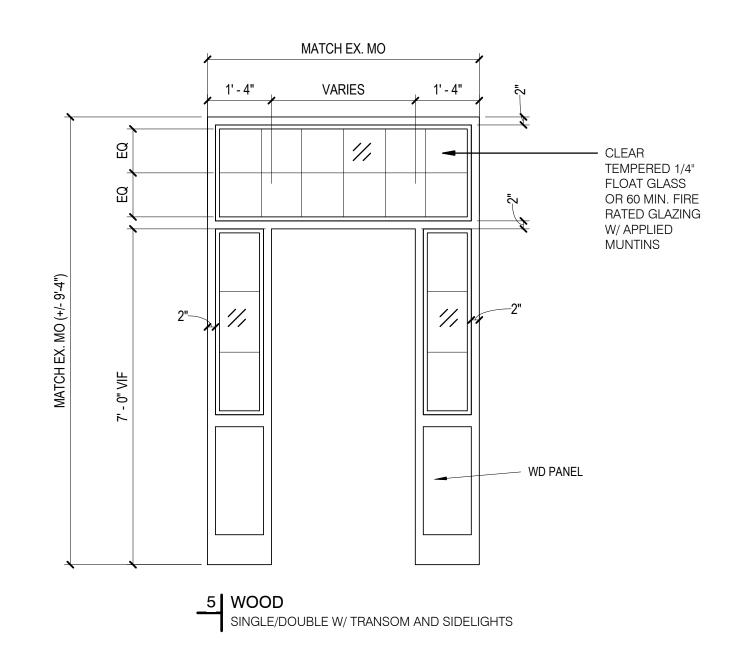
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NOTE 1: PT-1 TO MATCH EXISTING FINISH NOTE 2: CONTRACTOR TO FIELD VERIFY AND MATCH ALL EXISTING ROUGH OPENINGS AND DOOR DIMENSIONS





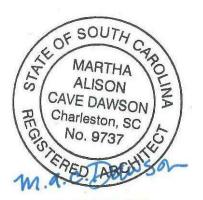
DOOR TYPES:



FRAME TYPES:



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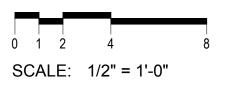
A Revision Date Description University of South Carolina

DeSaussure E&G Window Replacement Project

902 Sumter Street Columbia, SC 29208

State Project Number:	H27-6117
Project Number:	18409
Checked By:	JMW
Drawn By:	ACD
Date:	02/25/2019
Scale:	1/2" = 1'-0"

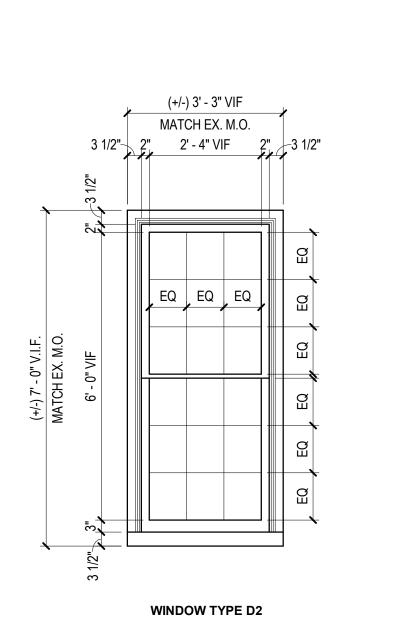
A600 DOOR SCHEDULE AND TYPES

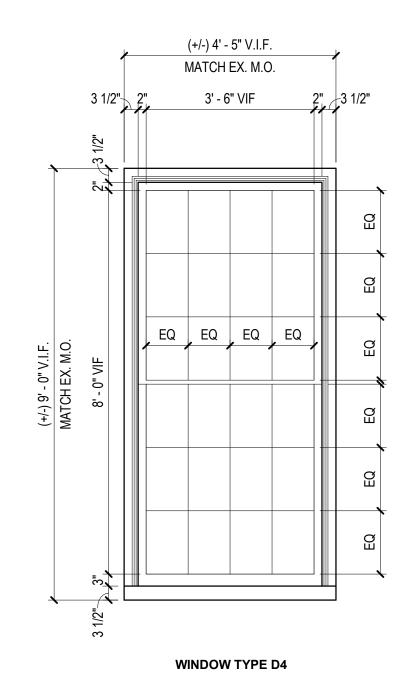


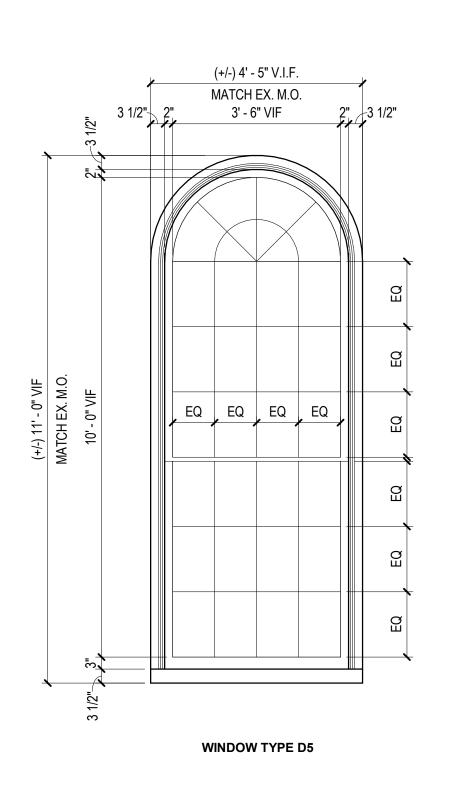
	SCHEDULE - WINDOW								
Type Mark	Width	M.O. Width	n Height	M.O. Height	Count	Head Detail	Jamb Detail	Sill Detail	Comments
D2	3' - 3"	3' - 3"	6' - 0"	7' - 0"	2	1/A602	1/A602	1/A602	MATCH EXISTING MASONRY OPENING
D4	3' - 3"	3' - 3"	8' - 6 1/4"	9' - 0"	6	1/A602	1/A602	1/A602	MATCH EXISTING MASONRY OPENING
D5	4' - 6 1/2"	4' - 5"	11' - 1 1/2"	11' - 0"	6	1/A602	1/A602	1/A602	MATCH EXISTING MASONRY OPENING
D6	7' - 9 1/2"	7' - 8"	11' - 1 1/2"	11' - 0"	1	1/A602	1/A602 - 2/A602	1/A602	MATCH EXISTING MASONRY OPENING
D7	3' - 3"	4' - 5"	6' - 2 1/2"	6' - 3 1/2"	6	1/A602	1/A602	1/A602	MATCH EXISTING MASONRY OPENING
D8	3' - 3"	7' - 8"	6' - 2 1/2"	6' - 3 1/2"	2	1/A602	1/A602 - 2/A602	1/A602	MATCH EXISTING MASONRY OPENING
D9	3' - 3"	7' - 6 1/2"	7' - 4 1/2"	7' - 8"	1	1/A602	1/A602 - 2/A602	1/A602	MATCH EXISTING MASONRY OPENING

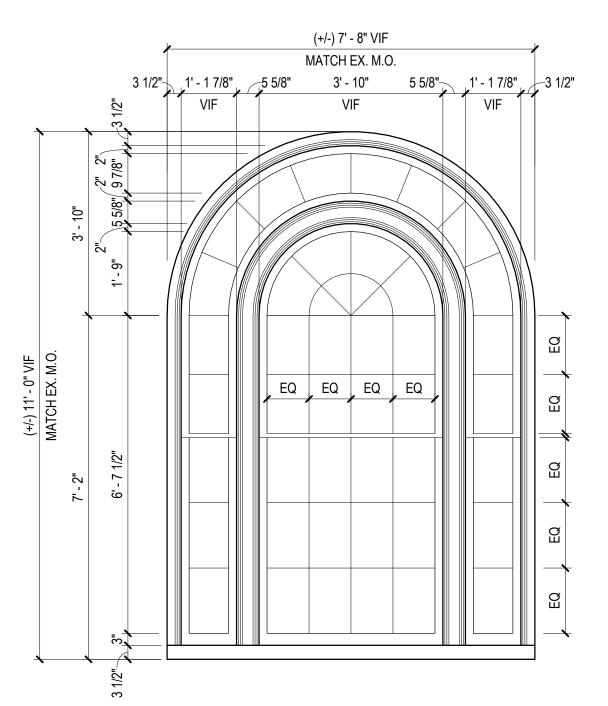
NOTE 1: CONTRACTOR TO VERIFY ALL DIMENSIONS

NOTE 2: PROVIDE HORIZONTAL WINOW BLINDS AT ALL WINDOWS NOTE 3: WINDOW FINISH TO MATCH ADJ EXISTING FINISHES



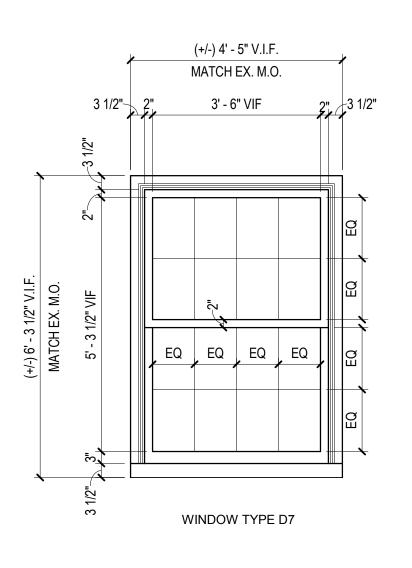


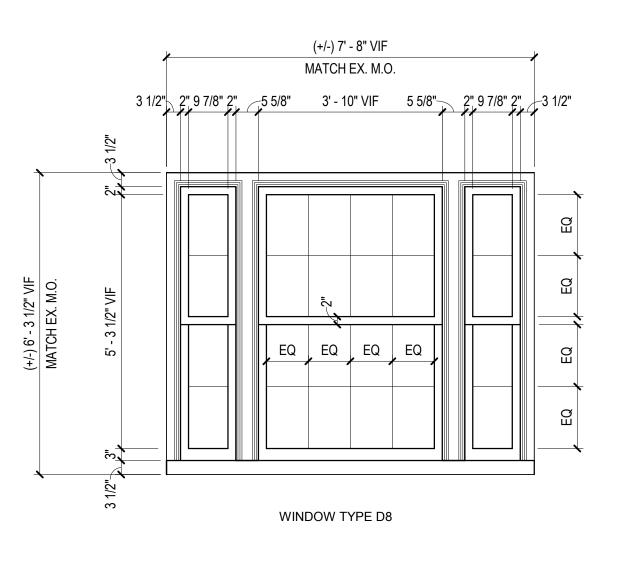


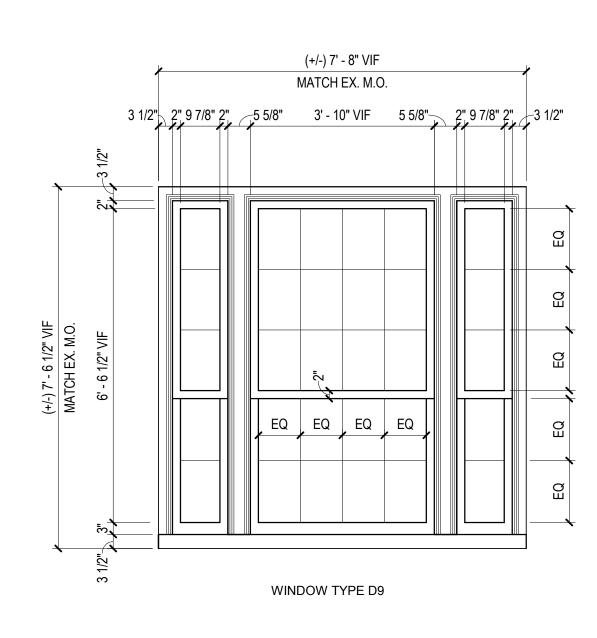


WINDOW TYPE D6

WINDOW TYPES







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LIOLLIO ARCHITECTURE, INC.

\triangle	Revision Date	Description

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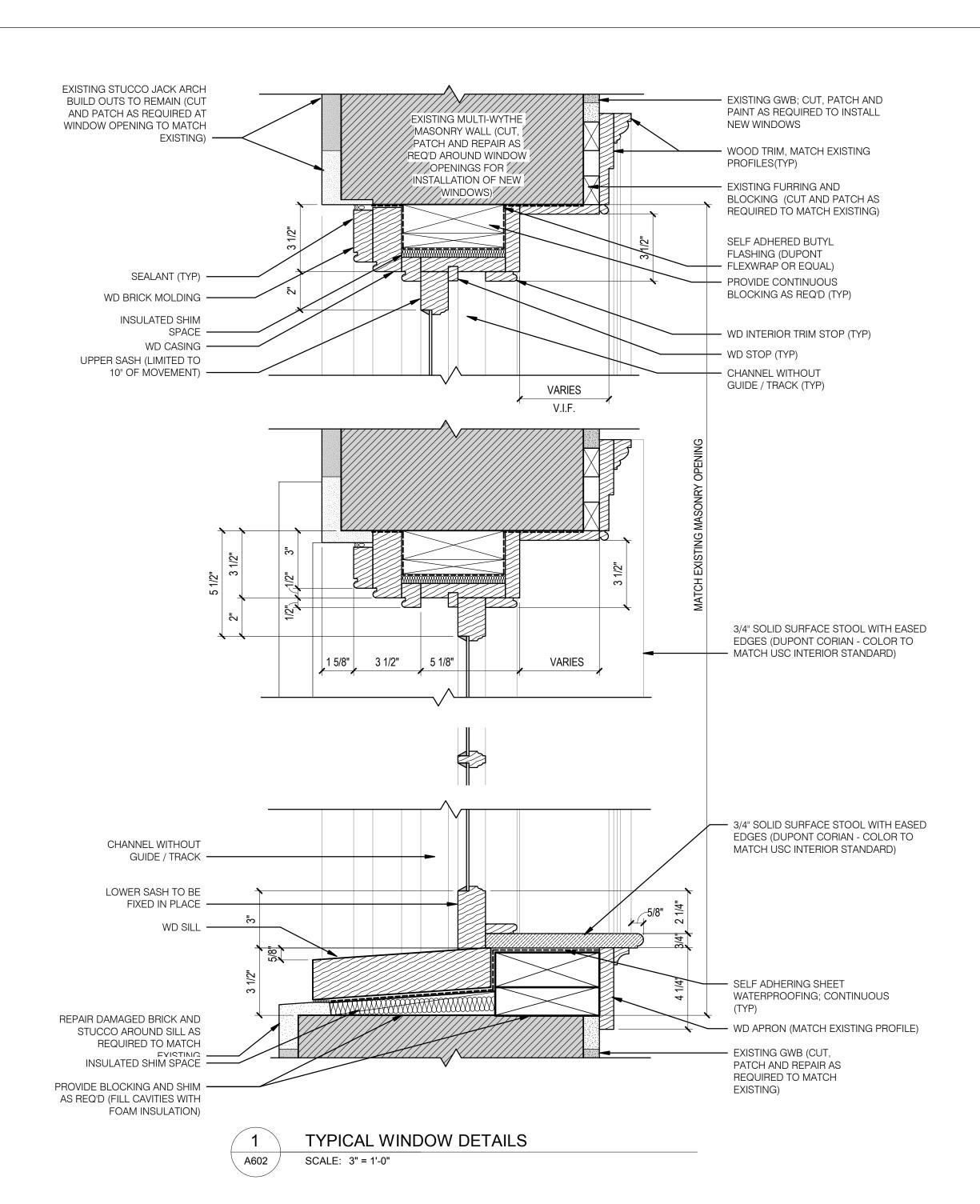
DeSaussure E&G Window Replacement Project

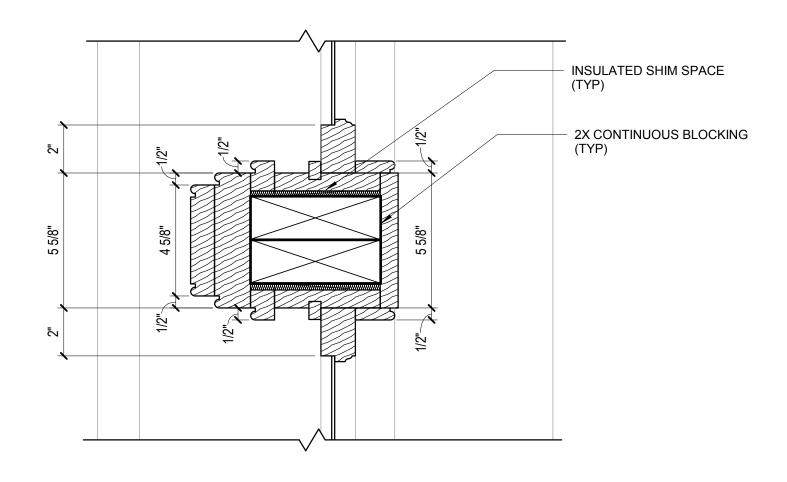
902 Sumter Street Columbia, SC 29208

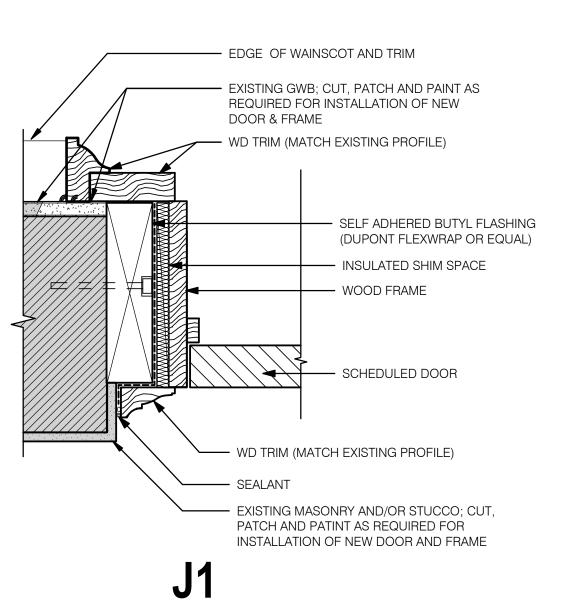
State Project Number:	H27-6117	
Project Number:	18409	
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Drawn By:	ACD	
Date:	02/25/2019	
Scale:	1/2" = 1'-0"	

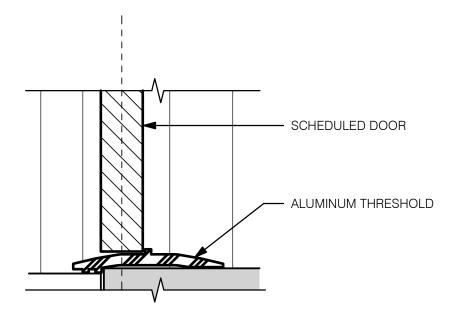
A601 WINDOW SCHEDULE AND TYPES

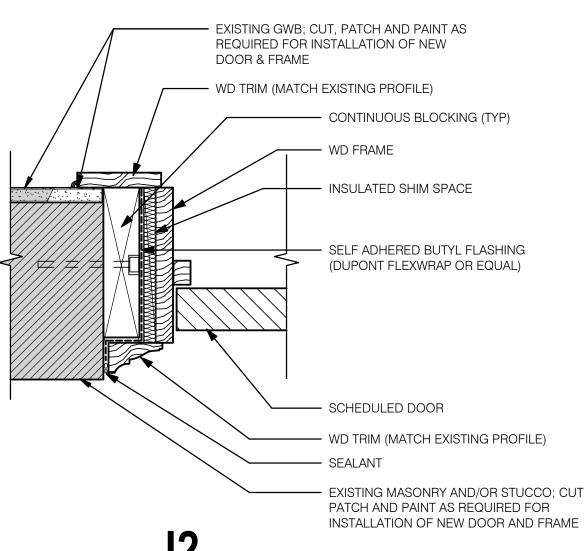
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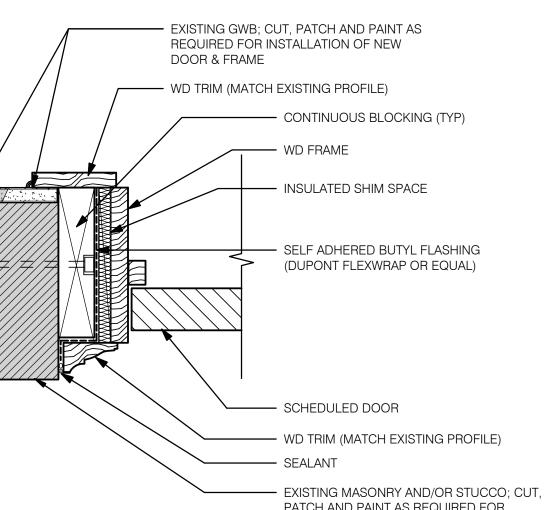












MARTHA ALISON CAVE DAWSON 型 Charleston, SC / No. 9737

147 Wappoo Creek Drive

Charleston, SC 29412

Suite 400

P 843.762.2222



A602

TYPICAL DOOR DETAILS

NOTE 1: GC TO VERIFY ALL DIMENSIONS

NOTE 2: ALL BLOCKING TO BE CONTINUOUS AND PRESSURE TREATED. ANY/ALL FASTNERS THAT PENETRATE PRESSURE TREATED WOOD TO BE COMPATIBLE.

NOTE 3: ALL SHIMS TO BE SYNTHETIC

A Revision Date Description

-	

University of South Carolina

DeSaussure E&G Window Replacement Project

902 Sumter Street Columbia, SC 29208

State Project Number:	H27-6117
Project Number:	18409
Checked By:	JMW
Drawn By:	ACD
Date:	02/25/2019
Scale:	3" = 1'-0"

A602 DOOR AND WINDOW **DETAILS**

SCALE: 3" = 1'-0"

TYICAL WINDOW DETAIL - CENTER JAMB

A602

SCALE: 3" = 1'-0"