

# AUGUSTA MUSEUM OF HISTORY

## 560 REYNOLDS ST., AUGUSTA, GA 30901

# AUGUSTA MUSEUM OF HISTORY

## 560 REYNOLDS ST., AUGUSTA, GA 30901



AUGUSTA MUSEUM OF HISTORY  
 560 REYNOLDS ST., AUGUSTA, GA 30901  
 PROJECT NAME  
 AUGUSTA MUSEUM OF HISTORY

### GENERAL NOTES:

THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS SHALL BE REQUIRED TO VISIT THE PREMISES TO INSPECT EXISTING CONDITIONS, BECOME FAMILIAR WITH LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND CORRELATE PERSONAL OBSERVATIONS WITH REQUIREMENTS OF THE DRAWINGS.

ALL WORK PERFORMED SHALL BE IN STRICT COMPLIANCE WITH COUNTY REGULATIONS AND CODES, O.S.H.A. STANDARDS, THE CODE STANDARDS LISTED, EXECUTED IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARDS, AND CONFORM TO SPECIFIC REGULATIONS AS MANDATED BY THE OWNER AND THE ARCHITECT.

IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO INSURE THE PROCUREMENT OF ALL REQUIRED AND NECESSARY PERMITS. ALL CONTRACTORS SHALL OBTAIN NECESSARY AND APPLICABLE, CITY/COUNTY PERMITS, INSPECTIONS AND APPROVAL PRIOR TO THE COMMENCEMENT OF ANY WORK AND CERTIFICATE OF OCCUPANCY UPON COMPLETION OF PROJECT. CONTRACTOR SHALL FURNISH COPIES OF PERMITS, INSPECTIONS AND CERTIFICATES TO OWNER UPON REQUEST.

CONTRACTOR SHALL BE REQUIRED TO COORDINATE WORK SCHEDULE TO MINIMIZE DISRUPTION OF NORMAL ACTIVITIES AND TO AVOID INTERFERENCE WITH ADJACENT OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ADEQUATE PRECAUTIONS TO PROTECT SURROUNDINGS, MATERIALS AND EXISTING FINISHES THROUGHOUT ALL PHASES OF CONSTRUCTION AREAS AND OCCUPIED OR PUBLIC AREAS TO BE MAINTAINED BY CONTRACTOR. DAMAGE TO EXISTING TO-REMAIN CONSTRUCTION, MATERIALS OR EQUIPMENT TO BE RESTORED TO ORIGINAL CONDITION.

CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF TRASH AND DEBRIS FROM JOB SITE ON A DAILY BASIS. FINAL CLEAN-UP WITHIN SCOPE OF WORK.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL RELATED TRADES AND VENDORS NECESSARY TO THE COMPLETION OF THE JOB ON A DAILY BASIS.

**DO NOT SCALE DRAWINGS.** USE WRITTEN DIMENSIONS ONLY. SUBMIT TO ARCHITECT ANY DISCREPANCIES FOR CLARIFICATION.

ALL WORK SHALL BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, CURRENT EDITION OF NATIONAL ELECTRIC CODE, INTERNATIONAL PLUMBING AND MECHANICAL CODE, RECOGNIZED INDUSTRY STANDARDS, CRAFTSMANSHIP STANDARDS IN THE AREA, ALL MANUFACTURERS RECOMMENDATIONS, AND ALL OTHER APPLICABLE CODES.

THE DESIGN PROFESSIONAL DOES NOT GUARANTEE THE PERFORMANCE OF THE PROJECT IN ANY RESPECT OTHER THAN THAT OUR PROFESSIONAL WORK AND JUDGEMENT RENDERED MEET THE STANDARDS OF CARE OF OUR PROFESSION.

THE LOCATION OF THE EXISTING UTILITIES AND STRUCTURES SHOWN HEREON ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND ACTUAL LOCATION OF SUCH, WHETHER SHOWN HEREON OR NOT, PRIOR TO ANY EXCAVATION. ANY DAMAGES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.

THE FLOOR ON BOTH SIDES OF A DOOR SHALL BE LEVEL AND SHALL HAVE THE SAME ELEVATION ON BOTH SIDES OF THE DOOR, FOR A DISTANCE ON EACH SIDE EQUAL TO THE WIDTH OF THE WIDEST SINGLE DOOR.

FIRE EXTINGUISHERS SHALL BE LOCATED PER THE REQUIREMENTS OF NFPA 10. THE SIZE SHALL BE A MINIMUM OF 2A-10BC AND SHALL BE INSTALLED AT A MAXIMUM OF 48' A.F.F. TO THE TOP OF THE HANDLE.

PROVIDE CONT. SOLID BLOCKING, AS REQUIRED, IN WALLS TO RECEIVE ACCESSORY ITEMS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- HANDRAILS
- TOILET ROOM ACCESSORIES
- GRAB BARS
- FIRE EXTINGUISHER CABINETS & BRACKETS
- CABINETS AND SHELVES

CLEAN WALLS, DOORS, DOOR FRAMES, HANDRAILS, GUARDRAILS, ETC. PER MANUFACTURERS RECOMMENDATIONS PRIOR TO SEALING AND PAINTING.

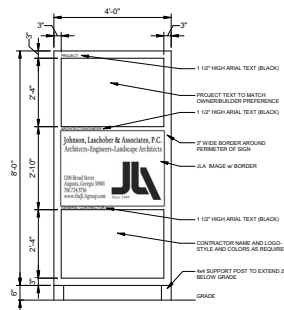
REFER TO THE STRUCTURAL DRAWINGS FOR INFORMATION ON CONSTRUCTION AND CONTROL JOINTS IN CONCRETE SLABS AND CONCRETE AND MASONRY WALLS. SLAB JOINTS ARE SPECIFIED AND LOCATED AS SHOWN IN THE STRUCTURAL DRAWINGS.

**TEMPORARY SIGNS:** PROVIDE SIGNS AS REQUIRED TO INFORM PUBLIC AND INDIVIDUALS SEEKING ENTRANCE TO PROJECT. PROVIDE TEMPORARY DIRECTIONAL SIGNS FOR CONSTRUCTION PERSONNEL AND VISITORS. MAINTAIN AND TOUCH-UP SIGNS SO THEY ARE LEGIBLE AT ALL TIMES.

### PROJECT LOCATION MAP



### JOBSITE SIGN



### INDEX OF DRAWINGS

G-001	COVER SHEET
G-002	CODE ANALYSIS
G-003	RATED WALL TYPE & RATED CEILING TYPE
G-004	LIFE SAFETY PLAN - FIRST FLOOR
G-005	LIFE SAFETY PLAN - SECOND FLOOR
C-001	CIVIL
C0501	CIVIL COVER SHEET
CD001	EXISTING CONDITIONS AND DEMOLITION PLAN
C-011	LAYOUT, GRADING AND UTILITY PLAN
C-201	MISCELLANEOUS DETAILS SHEET 1 OF 2
C-202	MISCELLANEOUS DETAILS SHEET 2 OF 2
ARCHITECTURAL	
AD001	DEMOLITION PLAN - EXISTING FIRST FLOOR
AD002	DEMOLITION PLAN - MAINTENANCE OFFICE & WAREHOUSE
AD003	EXISTING DEMOLITION EXTERIOR ELEVATIONS
A-101	OVERALL FLOOR PLAN
A-102	FLOOR PLAN - SECOND FLOOR
A-103	ENLARGED PLAN - OFFICE AREA
A-104	ENLARGED PLAN - WAREHOUSE
A-201	REFLECTED CEILING PLANS
A-301	ROOF PLAN
A-302	METAL ROOF DETAILS
A-303	MEMBRANE ROOF DETAILS
A-401	EXTERIOR ELEVATIONS
A-501	BUILDING SECTIONS
A-502	BUILDING SECTIONS
A-603	ELEVATOR & STAIR PLANS & SECTIONS
A-604	EGRESS STAIRS AND RAMP
A-601	WALL SECTIONS
A-701	FINISH & DOOR SCHEDULES, DOOR TYPES, & WALL TYPES
A-702	WINDOW DETAILS
A-801	OVERHEAD DOOR DETAILS
A-802	HOLLOW METAL DETAILS
STRUCTURAL	
S-101	GENERAL NOTES
S-102	FOUNDATION AND SLAB PLAN
S-103	CONTROL JOINT LAYOUT PLAN
S-201	SECOND FLOOR AND MONOLITHIC ROOF FRAMING PLAN
S-202	CLEARESTORY & ELEVATOR ROOF FRAMING PLAN
S-301	CONCRETE SECTIONS AND DETAILS SHEET 1 OF 2
S-302	CONCRETE SECTIONS AND DETAILS SHEET 2 OF 2
S-401	MASONRY SECTIONS AND DETAILS SHEET 1 OF 2
S-402	MASONRY SECTIONS AND DETAILS SHEET 2 OF 2
S-501	STEEL SECTIONS AND DETAILS SHEET 1 OF 2
S-502	STEEL SECTIONS AND DETAILS SHEET 2 OF 2
S-601	LIGHT GAGE SECTIONS AND DETAILS
FIRE PROTECTION	
F-001	FIRE PROTECTION GENERAL NOTES AND LEGEND
F-101	FIRST FLOOR FIRE PROTECTION PLAN
F-201	SECOND FLOOR FIRE PROTECTION PLAN
PLUMBING	
P-001	PLUMBING GENERAL NOTES AND LEGEND
P-101	FIRST FLOOR WASTE PIPING PLAN
P-102	SECOND FLOOR WASTE PIPING PLAN
P-103	ROOF DRAINAGE PIPING PLAN
P-201	FIRST FLOOR POTABLE WATER AND GAS PIPING PLAN
P-202	SECOND FLOOR GAS PIPING PLAN
P-301	PLUMBING SCHEDULES AND DETAILS
MECHANICAL	
M-001	HVAC GENERAL NOTES AND LEGEND
M-101	FIRST FLOOR HVAC PLAN
M-102	SECOND FLOOR HVAC PLANS
M-201	HVAC SCHEDULES
M-301	HVAC DETAILS
M-302	HVAC DETAILS
ELECTRICAL	
E-001	ELECTRICAL NOTES AND SYMBOLS
E-101	FIRST FLOOR LIGHTING PLAN
E-102	SECOND FLOOR LIGHTING PLAN
E-201	POWER AND SIGNAL PLAN
E-202	SECOND FLOOR POWER AND SIGNAL PLAN
E-401	ELECTRICAL SCHEDULES AND DETAILS
E-402	ELECTRICAL PANEL SCHEDULES

### PROJECT TEAM

<b>OWNER</b> AUGUSTA MUSEUM OF HISTORY NANCY J. GLASER, EXECUTIVE DIRECTOR 560 REYNOLDS ST. AUGUSTA, GA 30901 PHONE: 706-722-8454 EMAIL: <a href="mailto:nmg@augustamuseum.org">nmg@augustamuseum.org</a>	<b>STRUCTURAL ENGINEER</b> JOHNSON, LASCHOB AND ASSOCIATES, P.C. MARK LORAH, P.E. 1296 BROAD STREET AUGUSTA, GEORGIA 30901 PHONE: 706-724-5756 EMAIL: <a href="mailto:mlorah@thejlagroup.com">mlorah@thejlagroup.com</a>
<b>OWNER'S REP/ 24 HOUR CONTACT</b> JOHNSON, LASCHOB AND ASSOCIATES, P.C. RETT HARBESON, RLA 1296 BROAD STREET AUGUSTA, GEORGIA 30901 PHONE: 706-724-5756 EMAIL: <a href="mailto:rharsen@thejlagroup.com">rharsen@thejlagroup.com</a>	<b>MECHANICAL ENGINEER</b> JOHNSON, LASCHOB AND ASSOCIATES, P.C. CURTIS WILLIAMSON, P.E. 1296 BROAD STREET AUGUSTA, GEORGIA 30901 PHONE: 706-724-5756 EMAIL: <a href="mailto:cwilliamson@thejlagroup.com">cwilliamson@thejlagroup.com</a>
<b>ARCHITECT</b> JOHNSON, LASCHOB AND ASSOCIATES, P.C. WATSON LEE DORN II, AIA, NCARB 1296 BROAD STREET AUGUSTA, GEORGIA 30901 PHONE: 706-724-5756 EMAIL: <a href="mailto:wdorn@thejlagroup.com">wdorn@thejlagroup.com</a>	<b>FIRE PROTECTION ENGINEER</b> JOHNSON, LASCHOB AND ASSOCIATES, P.C. CURTIS WILLIAMSON, P.E. 1296 BROAD STREET AUGUSTA, GEORGIA 30901 PHONE: 706-724-5756 EMAIL: <a href="mailto:cwilliamson@thejlagroup.com">cwilliamson@thejlagroup.com</a>
<b>CIVIL ENGINEER</b> JOHNSON, LASCHOB AND ASSOCIATES, P.C. TREVOR WIMBERLY, P.E. 1296 BROAD STREET AUGUSTA, GEORGIA 30901 PHONE: 706-724-5756 EMAIL: <a href="mailto:twimberly@thejlagroup.com">twimberly@thejlagroup.com</a>	<b>ELECTRICAL ENGINEER</b> JOHNSON, LASCHOB AND ASSOCIATES, P.C. HOWARD WATT, P.E. 1296 BROAD STREET AUGUSTA, GEORGIA 30901 PHONE: 706-724-5756 EMAIL: <a href="mailto:hwatt@thejlagroup.com">hwatt@thejlagroup.com</a>

### BID LINE ITEMS

**AUGUSTA MUSEUM OF HISTORY BID LINE ITEMS**

**BASE BID:**

THE BASE BID SHALL INCLUDE ALL WORK INDICATED IN THE CONTRACT DRAWINGS TO THE WEST OF THE WHITNEY BUILDING, INCLUDING ALL REQUIRED CONSTRUCTION/RENOVATION OF THE EXISTING WEST WING ADDITION TO WHITNEY BUILDING INCLUDING THE ELEVATOR EQUIPMENT ROOM AND HVAC ENCLOSURE. THIS WOULD INCLUDE REROOFING ONLY THE AREA DIRECTLY ABOVE ELEVATOR EQUIPMENT ROOM AND NEW METAL CAPS AROUND THE TOP OF THE HVAC ENCLOSURE AND THE WEST PARAPET WALL OF THE WAREHOUSE AREA OF THE WHITNEY BUILDING. THE BASE BID SHALL REQUIRE THE INSTALLATION OF THE EXPANSION JOINT FLASHING AND COUNTER FLASHING REQUIRED BY DETAIL SA-303. THE BASE BID SHALL REQUIRE THE INSTALLATION OF CMU KNOCK-OUT PANELS IN LIEU OF OVERHEAD DOOR 116A AND PERSONNEL DOOR 102G, ACCORDING TO NOTES ON THE STRUCTURAL DRAWINGS FOR KNOCK-OUT PANELS. THE BASE BID SHALL INCLUDE ALL SITE WORK ASSOCIATED CORRIDOR ADDITION, EAST OF THE WHITNEY BUILDING AS INDICATED ON CD-101 AND C-101.

**ALTERNATE 1:**

PROVIDE AN ALTERNATE LINE ITEM TO ONLY REMOVE EXISTING SINGLE DOOR AND ENLARGE THE MASONRY OPENING TO ACCEPT A NEW 6'-4" W X 7'-4" H HOLLOW METAL FRAME VERSUS THE REMOVAL OF THE 2 STORY STOREFRONT AND MASONRY NORTH WALL OF EXISTING STAIR AND AS INDICATED ON SHEET AD001 DEMOLITION KEY NOTE 1 AND DETAIL NOTE A1.

**ALTERNATE 2:**

PROVIDE AN ALTERNATE LINE ITEM TO EXCLUDE THE DOOR CARD READER CONDUIT AND JUNCTION BOXES REQUIRED BY E-201, E-202, ITEMS 5 & 6 LISTED IN THE SPECIAL OUTLET SCHEDULE ON E-401, AND DETAIL 3E-401.

**ALTERNATE 3:**

PROVIDE AN ALTERNATE LINE ITEM TO INCLUDE THE INFILL OF ALL PERIMETER OPENINGS OF THE WHITNEY BUILDING PER EXTERIOR ELEVATION KEYNOTE 4 ON A-401.

**ALTERNATE 4:**

PROVIDE AN ALTERNATE LINE ITEM TO INCLUDE ALL THE REQUIRED WORK TO THE EAST OF THE 'CONNECTING CORRIDOR' IN THE WHITNEY BUILDING EXCLUDING WORK REQUIRED BY THE BASE BID AND ALTERNATE BASE BID A LISTED ABOVE. ALTERNATE BASE BID B INCLUDES ALL UTILITY WORK AND ASSOCIATED HARDSCAPE ASSOCIATED WITH THE WHITNEY BUILDING AS INDICATED ON CD-101 AND C-101.



NO.	DATE	BY	DESCRIPTION
1	12/11/2023	WLD	ISSUED FOR CONSTRUCTION
0	03/03/2022	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042 2103  
 DRAWN BY: CTH  
 CHECKED BY: ELD  
 DATE: 08/03/2022

SHEET TITLE  
**COVER SHEET**

SCALE: AS NOTED  
 DRAWING NO: **G-001**  
 REV: **1**

# BUILDING CODE SUMMARY

## Minimum Standard Building Codes:

International Existing Building Code (IBC 2018)  
 International Building Code (IBC 2018)  
 International Residential Code (IRC 2018)  
 International Fire Code (IFC 2018)  
 International Plumbing Code (IPC 2018)  
 International Mechanical Code (IMC 2018)  
 International Fuel Gas Code (IFGC 2018)  
 International Energy Conservation Code (IECC 2015)  
 National Electrical Code

with Georgia Amendments  
 with Georgia Amendments  
 with Georgia Amendments  
 with Georgia Amendments  
 with Georgia Amendments  
 with Georgia Amendments  
 with Georgia Amendments  
 with Georgia Supplements and Amendments  
 2020 Edition (No Georgia Amendments)

2018 NFPA 101 Life Safety Code  
 2010 ADA Standards for Accessible Design  
 Georgia Accessibility Code

## Occupancy Classification

Primary: Assembly (LSC 6.1.2.1), A-3 (IBC 303.4)  
 Secondary: Business (LSC 6.1.11.1), B (IBC 304.1)  
 Secondary: Industrial (LSC 6.1.12), F-1 (IBC 306.2)

Separated Occupancy (LSC 6.1.14.2.3)

## Type of Construction

Type IIB, Sprinklered (IBC 602.2)  
 Type 111

## Allowable Building Height - IBC - Excerpt from Table 504.3 Allowable Building Height in Feet Above Grade Plane (a)

OCCUPANCY CLASSIFICATION	SEE FOOT NOTES	Type of Construction									
		Type I		Type II		Type III		Type IV		Type V	
		A	B	A	B	A	B	HT	A	B	
A,B,E,F,M,S,U	NS (b)	UL	160	65	55	65	55	65	50	40	
	S	UL	180	85	75	85	75	85	70	60	

a. See Chapters 4 and 5 for specific exceptions to the allowable height in this chapter.  
 b. See Section 903.2 for the minimum thresholds for protection by an automatic sprinkler system for specific occupancies.

## IBC - Excerpt from Table 504.4 Allowable of Stories Above Grade Plane (a), (b)

OCCUPANCY CLASSIFICATION	SEE FOOT NOTES	Type of Construction									
		Type I		Type II		Type III		Type IV		Type V	
		A	B	A	B	A	B	HT	A	B	
A-3	NS	UL	11	3	2	3	2	3	2	1	
	S	UL	12	4	3	4	3	4	3	2	
B	NS	UL	11	5	3	5	3	5	3	2	
	S	UL	12	6	4	6	4	6	4	3	
F-1	NS	UL	11	4	2	3	2	4	2	1	
	S	UL	12	5	3	4	3	5	3	2	

a. See Chapters 4 and 5 for specific exceptions to the allowable height in this chapter.  
 b. See Section 903.2 for the minimum thresholds for protection by an automatic sprinkler system for specific occupancies.

BUILDING HEIGHT	Allowable Height (Sprinklered)	Shown on Plans	Code Reference
Building Height in Feet (Table 504.3)	75	SF of Max. (Original Museum HL)	
Building Height in Stories (Table 504.3)	A-3, 3, B, 4, F-1, 3	2	

1. Provide code reference if the "Show on Plans" quantity is not based on Table 504.3 or 504.4  
 2. The maximum height of air traffic control towers must comply with Table 412.1.1  
 3. The maximum height of open parking garages must comply with Table 406.5.4

## Allowable Building Area

### Primary Code Reference IBC 2018, Chapter 5

Mixed Occupancy:  No  Yes Separation: 1HR Exception: \_\_\_\_\_

Non-Separated Use (508.3)  
 The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, shall apply to the entire building.

Separated Use (508.4)  
 See below for area calculations for each story, the area of occupancy shall be such that the sum of the ratios of the actual floor area of each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A-3}}{\text{Allowable Area of Occupancy A-3}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} + \frac{\text{Actual Area of Occupancy F-1}}{\text{Allowable Area of Occupancy F-1}}$$

$$= \frac{33,788 \text{ SF}}{69,552 \text{ SF}} + \frac{6,957 \text{ SF}}{69,000 \text{ SF}} + \frac{6,188 \text{ SF}}{46,500 \text{ SF}}$$

$$= .4857 + .1007 + .1331 = .7195 < 1$$

or if aggregate use w/ no separation between B & F-1

$$\frac{33,788 \text{ SF}}{69,552 \text{ SF}} + \frac{13,139 \text{ SF}}{46,500 \text{ SF}}$$

$$= .4857 + .2828 = .7683 < 1$$

## Gross Building Area

Building Data BY SEPARATED OCCUPANCIES				
Floor	Existing (SF)	New (SF)	Renovation / Alteration (SF)	Subtotal
1 - A-3	33,041 SF	747 SF	0 SF	33,788 SF
2 - A-3	15,521 SF	0 SF	0 SF	15,521 SF
1 - B	4752 SF	2199 SF	0 SF	6,951 SF
2 - B	4138 SF	505 SF	0 SF	4,643 SF
1 - F-1	6188 SF	0 SF	6188 SF	6188 SF
2 - F-1	1910 SF	0 SF	1910 SF	1910 SF
<b>GROSS BUILDING AREA TOTAL</b>				<b>69,001 SF</b>

Note: Original Museum (A-3) occupancy is the only occupancy whose square footage exceeds maximum square footage listed in Table 508.2; however, the original museum (A-3) occupancy square footage is less than half the calculated allowable area increase square footage.

Story No.	Description and Use	(A) Building Area Per Story (Actual)	(B) Table 508.2 (4) Area	(C) Area Increase Factor (1), (5)	(D) Allowable Area Per Story or Unlimited, (2), (3)
1	A-3, Original Museum	32,720 SF	28,500 SF	.86	69,552 SF
<b>TOTAL</b>		<b>32,720 SF</b>	<b>28,500 SF</b>	<b>.86</b>	<b>69,552 SF</b>

1. Frontage area increases from Section 506.3 are computed thus:  
 a. Perimeter which fronts a public way or open space having 20 feet minimum width = 703 (F)  
 b. Total building perimeter = 772 (P)  
 c. Ratio (F/P) = .91 (F/P)  
 d. W = Minimum width of public way = 30 (W)  
 e. Percent of frontage increase  $h = 100 [(F/P) \cdot 0.25] \times W/30 = .86$  (%)

## Fire Protection Requirements Related to Types of Construction

### Primary Code Reference IBC 2018, Chapter 6

### IBC - Table 601 Fire - Resistance Requirements For Building Elements (hours)

Building Element	Type I		Type II		Type III		Type IV		Type V	
	A	B	Ad	B	Ad	B	HT	Ad	B	
Structural Frame a (Including Columns, Girders - Trusses)	3b	2b	1	0	1	0	HT	1	0	
Bearing Walls (Exterior / Interior)	3b	2	1	0	2	2	2	1/HT	1	
Nonbearing Walls (Exterior / Interior a)	See Table 602									
Floor Construction (Including Supporting Beams & Joists)	2	2	1	0	1	0	See Section 602.4.6	1	0	
Roof Construction (Including Supporting Beams & Joists)	1 1/2c	1 c,d	1 c,d	0 c,d	1 c,d	0 c,d	HT	1 c,d	0	

IBC Table 506.2 - Allowable Area per Occupancy  
 Multi Story w/ Sprinkler System Type II Construction  
 A-3 = 28,500 SF / Floor  
 B = 69,000 SF / Floor  
 F-1 = 46,500 SF / Floor

IBC Table 508.4 - Required Separation of Occupancies  
 Assembly / Business (Sprinklered) = 1 Hour  
 Business / F-1 (Sprinklered) = 0 Hours

## IBC - SECTION 1028 EXIT DISCHARGE:

1028.1 GENERAL - Exits shall discharge directly to the exterior. However Exception 1 allows interior exit stairways and ramps to egress through areas on the same level - An Interior Exit Discharge Lobby.

## Fire Protection Requirements

### Primary Code Reference IBC 2018, Chapter 6, Chapter 7

Structural Frame: Fire Rating: 0HR Rated Assembly #: N/A

Bearing Walls: Fire Rating: 0HR Rated Assembly #: N/A

Non-Bearing Walls: Fire Rating: 0HR Rated Assembly #: N/A

Exterior: Fire Rating: 0HR Rated Assembly #: N/A

Interior: Fire Rating: 0HR Rated Assembly #: N/A

Exterior: Fire Rating: 0HR Rated Assembly #: N/A

Interior: Fire Rating: 0HR Rated Assembly #: N/A

Floor Construction: Fire Rating: 0HR Rated Assembly #: N/A

Roof Construction: Fire Rating: 0HR Rated Assembly #: N/A

## Sprinkler Protection Requirements Related to Building Construction Types

### Primary Code Reference IBC 2018, Supplemental Code Reference NFPA 101 LSC

Sprinkler Required:  No  Yes Sprinkler Provided:  No  Yes

## Means of Egress and Occupancy Calculations

### Primary Code Reference 2018 NFPA 101 LSC

Occupancy Calculation: (LSC 7.3.1.2)

Assembly= 15 sf / person  
 Business= 150 sf / person  
 Industrial= 100 sf / person

First Floor Assembly Occupancy= 1500  
 Second Floor Assembly Occupancy= 1500  
 First Floor Business Occupancy= 1500  
 Second Floor Business Occupancy= 1500  
 First Floor Industrial (Mezzanine)= 0

Total Occupants: Existing plus 6 people

Note: Current construction adds a non occupied business corridor and a workshop with office spaces for 2 employees. The added occupancy levels will not affect Life Safety egress from a occupied land standpoint.

## Assembly

Common Path of Egress Travel: 20' for any number of occupants (LSC 12.2.5.1.2)  
 75' for not more than 50 occupants (LSC 12.2.5.1.2)

Maximum Travel Distance: 250' w/ sprinklers (LSC 12.2.6.2, Exception 1)

Dead End Limit: 20' (LSC 12.2.5.1.3)

## Business

Common Path of Egress Travel: 100' for any number of occupants with approved sprinkler system (LSC 38.2.5.3.1)

Maximum Travel Distance: 300' w/ sprinklers (LSC 38.2.6.3)

Dead End Limit: 50' in buildings protected throughout by and approved supervised automatic sprinkler system in accordance with 9.7.1.1(1) (LSC 38.2.5.2.1)

## Exit Access Corridor Rating:

Minimum Number of Exits: not less than 3 for occupant load > 500 and < 1000 (LSC 7.4.1.2 (1))  
 not less than 4 for occupant load > 1000 (LSC 7.4.1.2 (2))

Capacity Factors: Corridors = Clear width of any corridor serving and occupant load of 50 or more shall not be less than 44" (LSC Table 38.2.3.2)

## Stand Pipes:

Primary Code Reference IBC 2018, Supplemental Code Reference IFC 2018

Standpipes:  No  Yes Class  I  II  III  Wet  Dry

## Interior Finishes:

Primary Code Reference NFPA 101, LSC

## Finish Classifications

LSC - 12.3.3 Interior Wall And Ceiling Finish Requirements By Occupancy

Interior Wall and Ceilings= Class A or B  
 Corridors and Lobbies = Class B  
 Enclosed Stairways = Class A  
 General Assembly Areas with > 300 occupants = Class B  
 All Other Enclosed Spaces = Class A

## Vertical Openings:

Primary Code Reference NFPA 101, LSC Supplemental Code Reference None

## Shaft Enclosures:

1 HR FIRE RATED ELEVATOR SHAFT

## Sprinkler Systems Minimum Construction Standards

Primary Code Reference NFPA 101, LSC Supplemental Code Reference None

## Fire Protection Systems

NFPA 13 Automatic Sprinkler System: Provided throughout building  
 Roof Covering Classification: Class C or Better (IBC Table 1505.1)

LSC 12.3.4 Detection, Alarm, and Communications Systems, Assembly Occupancies with > 300 occupants shall be equipped with a fire alarm system installed, tested, and maintained in accordance with the applicable requirements of NFPA 70, National Electrical Code, NFPA 72, and National Fire Alarm Code.

LSC 12.3.4.2.1 Exception 2 Initiation, Manual means of alarm initiation shall not be required where the fire alarm system is initiated by means of an approved automatic sprinkler system in accordance with LSC 9.6.2.1 (3).

## Accessibility

IBC 1105.1 Sixty percent of public entrances shall be accessible.  
 Exception 2: Loading and Service Entrances that are not the only entrance to a tenant space.

IBC 1109.3 Sinks. Where sinks are provided, at least 5% but not less than one provided in accessible spaces shall comply with ICC A117.1

IBC 1109.5 Drinking Fountains. Required

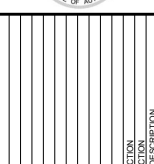
## Special Inspections

See Structural Drawings for Special Inspection requirements



JOHNSON, LASCHOBBER & ASSOCIATES, P.C.  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL: (706) 724-9756 • TEL: (843) 639-4656  
 FAX: (706) 724-3895  
 WWW.THEJLACORP.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
 600 REYNOLDS ST., AUGUSTA, GA 30901  
 PROJECT LOCATION: 600 REYNOLDS ST., AUGUSTA, GA 30901  
 PROJECT NAME: AUGUSTA MUSEUM OF HISTORY

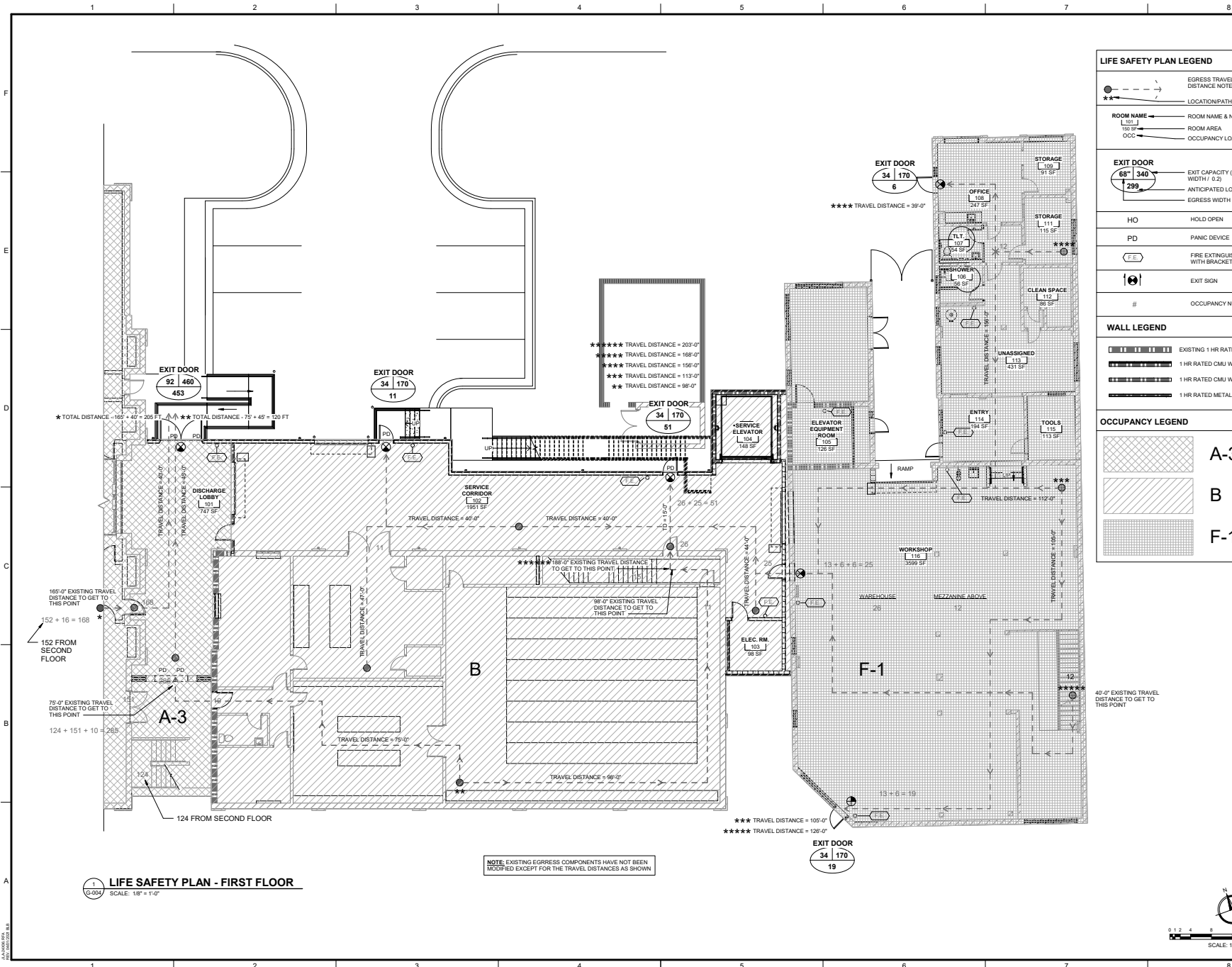


REV	DATE	BY	DESCRIPTION
1	12/10/2023	WLD	ISSUED FOR CONSTRUCTION
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
 DRAWN BY: EH  
 CHECKED BY: WLD  
 DATE: 08/03/2022  
 SHEET TITLE: CODE ANALYSIS

SCALE: AS NOTED  
 DRAWING NO: G-002  
 REV: 1





**LIFE SAFETY PLAN LEGEND**

	EGRESS TRAVEL PATH
	LOCATION/PATH INDICATOR
<b>ROOM NAME</b>	ROOM NAME & NUMBER
	ROOM AREA
	OCCUPANCY LOAD FACTOR AND METHOD

**EXIT DOOR**

	EXIT CAPACITY (DOOR EGRESS WIDTH) (0.2)
	ANTICIPATED LOAD
	EGRESS WIDTH
HO	HOLD OPEN
PD	PANIC DEVICE
	FIRE EXTINGUISHER WITH BRACKET
	EXIT SIGN
#	OCCUPANCY NUMBER

**WALL LEGEND**

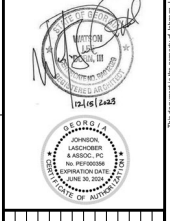
	EXISTING 1 HR RATED WALL
	1 HR RATED CMU WALL
	1 HR RATED WALL
	1 HR RATED METAL STUD WALL

**OCCUPANCY LEGEND**

	A-3
	B
	F-1



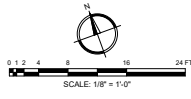
**JOHNSON, LASCHOB & ASSOCIATES, P.C.**  
 ARCHITECTS • ENGINEERS • LANDSCAPE ARCHITECTS  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL (706) 724-9766 • TEL (843) 639-4656  
 FAX (706) 724-3895  
 WWW.THEJLACORP.COM



NO.	DATE	BY	DESCRIPTION
1	12/1/2022	WLD	ISSUED FOR CONSTRUCTION
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 30422-2103  
 DRAWN BY: CTH  
 CHECKED BY: WLD  
 DATE: 08/03/2022  
 SHEET TITLE:  
**LIFE SAFETY PLAN - FIRST FLOOR**

SCALE: AS NOTED  
 DRAWING NO: **G-004**  
 REV: **1**



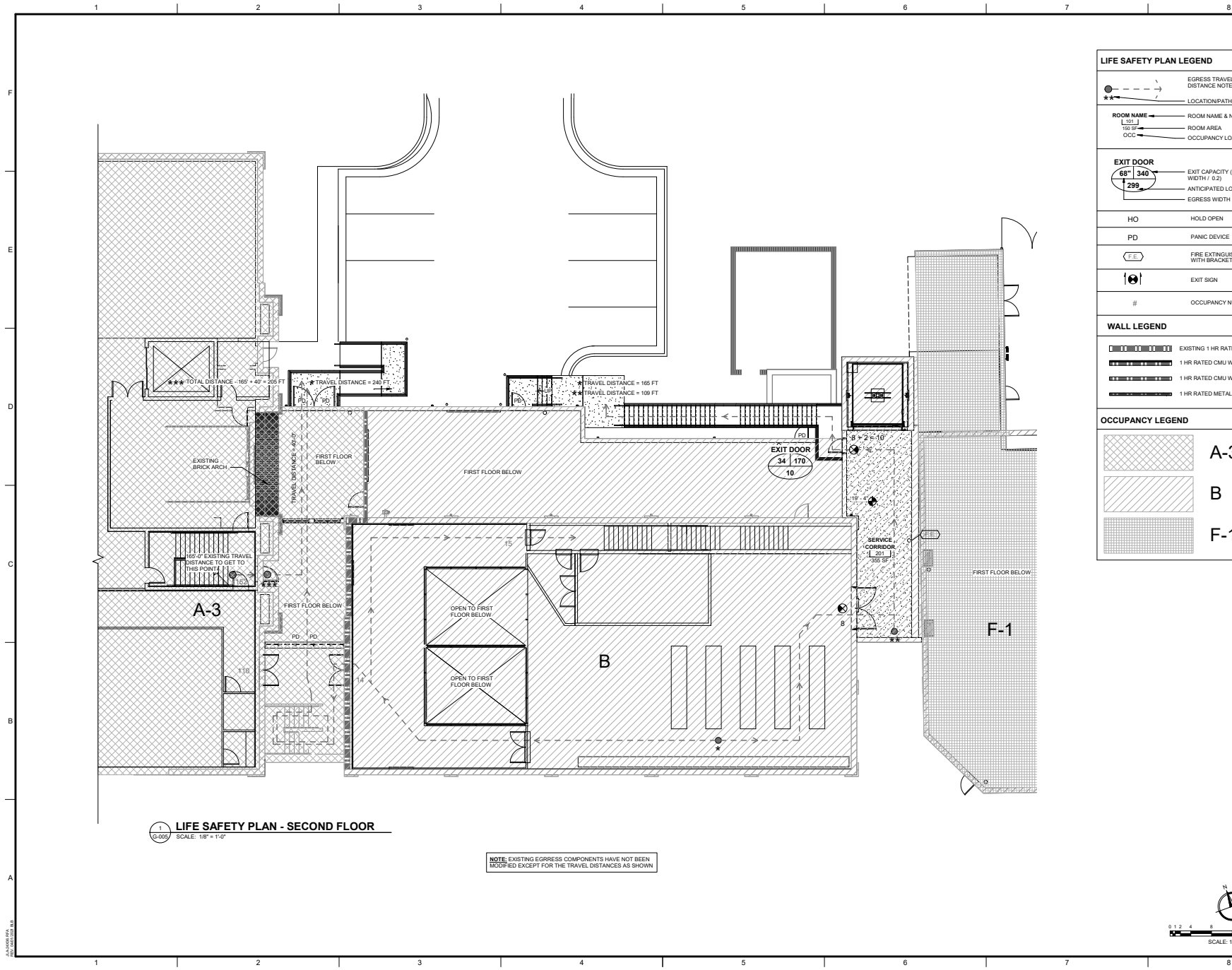
NOTE: EXISTING EGRESS COMPONENTS HAVE NOT BEEN MODIFIED EXCEPT FOR THE TRAVEL DISTANCES AS SHOWN

**LIFE SAFETY PLAN - FIRST FLOOR**  
 SCALE: 1/8" = 1'-0"

AUGUST 2022

17505219 2510 AW





**1 LIFE SAFETY PLAN - SECOND FLOOR**  
SCALE: 1/8" = 1'-0"

NOTE: EXISTING EGRESS COMPONENTS HAVE NOT BEEN MODIFIED EXCEPT FOR THE TRAVEL DISTANCES AS SHOWN

LIFE SAFETY PLAN LEGEND	
	EGRESS TRAVEL PATH. DISTANCE NOTED IS ACTUAL.
	LOCATION/PATH INDICATOR
<b>ROOM NAME</b>	ROOM NAME & NUMBER
	ROOM AREA
	OCCUPANCY LOAD FACTOR AND METHOD
<b>EXIT DOOR</b>	EXIT CAPACITY (DOOR EGRESS WIDTH / (2))
	EGRESS WIDTH
	ANTICIPATED LOAD
	EGRESS WIDTH
	HOLD OPEN
	PANIC DEVICE
	FIRE EXTINGUISHER WITH BRACKET
	EXIT SIGN
	OCCUPANCY NUMBER
WALL LEGEND	
	EXISTING 1 HR RATED WALL
	1 HR RATED CMU WALL
	1 HR RATED CMU WALL
	1 HR RATED METAL STUD WALL
OCCUPANCY LEGEND	
	A-3
	B
	F-1

Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOB & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9766 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLACORP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **660 REYNOLDS ST., AUGUSTA, GA 30901**

GEORGIA BOARD OF ARCHITECTURE  
12/16/2025

GEORGIA BOARD OF PROFESSIONAL ENGINEERS  
EXPIRES 03/31/2025

REV	DATE	BY	DESCRIPTION
1	12/11/22	WLD	ISSUED FOR CONSTRUCTION
0	08/03/22	WLD	ISSUED FOR CONSTRUCTION

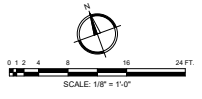
PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022

SHEET TITLE:  
**LIFE SAFETY PLAN - SECOND FLOOR**

SCALE: AS NOTED

DRAWING NO: **G-005**

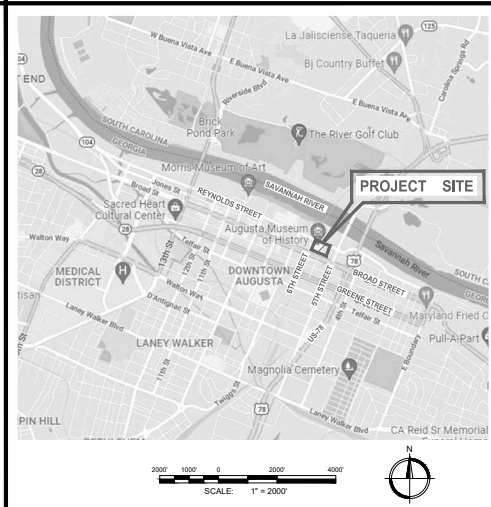
REV: **1**



# GENERAL NOTES

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS AND LICENSES AS REQUIRED BY RICHMOND COUNTY NECESSARY FOR CONSTRUCTION.
2. ALL DRAINAGE EASEMENTS AND DISTURBED AREAS MUST BE GRASSED AND/OR RIPRAPPED AS REQUIRED TO CONTROL EROSION.
3. ALL CONSTRUCTION WITHIN AUGUSTA RIGHTS-OF-WAY SHALL CONFORM TO AUGUSTA RICHMOND COUNTY GEORGIA STANDARDS AND SPECIFICATIONS.
4. ALL SILT BARRIERS MUST BE PLACED IMMEDIATELY FOLLOWING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIERS INSTALLATION IS COMPLETED.
5. CONTRACTOR SHALL CONTACT THE INSPECTION DIVISION OF THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO STARTING WORK ON THE PROJECT. THE PHONE NUMBER FOR THIS OFFICE IS (706) 821-1706.
6. THE OWNER WILL PROVIDE THE FOLLOWING CERTIFICATION: "I AM THE OWNER OF THE PROPERTY AFFECTED BY THIS SITE PLAN. PRIOR TO REQUESTING A CERTIFICATE OF OCCUPANCY, I WILL SUBMIT A NOTARIZED STATEMENT AS FOLLOWS: "I CERTIFY THAT THE SITE IMPROVEMENTS ARE COMPLETE AND IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS." THIS CERTIFICATION WILL BE BASED ON OBSERVATION OF AND SUPERVISION OF CONSTRUCTION BY MY REPRESENTATIVE OR ME. I UNDERSTAND THAT THE CERTIFICATE OF OCCUPANCY WILL NOT BE APPROVED UNTIL THIS CERTIFICATION HAS BEEN MADE."
7. THERE ARE NO KNOWN GRAVE SITES OR CEMETERIES LOCATED ON THE PROPERTY. IF GRAVE SITES OR CEMETERIES ARE DISCOVERED DURING CONSTRUCTION, INFORMATION MUST BE SUBMITTED TO THE PLANNING COMMISSION IMMEDIATELY.
8. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIAL INSTALLATION OF THE SIGNS SUCH AS STOP SIGNS AND OTHER TRAFFIC CONTROL DEVICES AS REQUIRED BY THE TRAFFIC ENGINEER.
9. APPROVAL BY AUGUSTA RICHMOND COUNTY, GEORGIA IS FOR THE IMPROVEMENTS SHOWN IN THE SITE PLAN. ANY VARIATION FROM THE APPROVED SITE PLAN MUST BE APPROVED BY THE CITY ENGINEER.
10. THE COST OF INSPECTION BY THE CITY OF AUGUSTA RICHMOND COUNTY'S DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, BEFORE OR AFTER REGULAR WORKING HOURS, ON SATURDAYS, SUNDAYS OR LEGAL HOLIDAYS, SHALL BE PAID FOR BY THE INDIVIDUAL REQUESTING THE INSPECTION AT A RATE OF 1 1/2 TIMES THE REGULAR SALARY PER HOUR OF THE INSPECTOR PLUS 75% FROM THE EMPLOYER'S FICA/MEDICARE MATCH APPROVAL. FOR INSPECTION OUTSIDE OF NORMAL WORKING HOURS SHALL BE OBTAINED FROM THE COUNTY ENGINEER 48-HOURS IN ADVANCE. PRIOR TO THE COMMENCEMENT OF WORK REQUIRING INSPECTION OUTSIDE OF NORMAL WORKING HOURS, THE INDIVIDUAL REQUESTING THE INSPECTION SHALL SIGN A FORM WHICH IS FURNISHED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AGREEING TO PAY THE OVERTIME. THE INDIVIDUAL WHO REQUESTS THE INSPECTION SHALL SIGN A FORM WHICH IS FURNISHED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AGREEING TO PAY THE OVERTIME. THE INDIVIDUAL REQUESTING THE INSPECTION WILL BE BILLED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING.
11. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION. THIS MEETING SHALL BE SCHEDULED WITH THE ENGINEERING DEPARTMENT AT THE TIME THE NOTIFICATION OF WORK COMMENCEMENT IS GIVEN.
12. ALL BOXES HAVING A DEPTH OF 4" OR GREATER SHALL HAVE STEPS. MANHOLE COVER SHALL BE LOCATED SUCH THAT STEPS CAN BE READILY ACCESSIBLE.
13. NO MARQUEE, ISLANDS, OR SPRINKLER SYSTEM TO BE LOCATED WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR SHALL VERIFY, I.E. OF ALL EXISTING PIPES AND ROAD GRADE ELEVATIONS OF EXISTING ROADS BEFORE BEGINNING CONSTRUCTION.
14. NOTIFY THE COUNTY ENGINEER'S OFFICE 48 HRS. PRIOR TO STARTING CONSTRUCTION, POURING TRAP TOPS, DUMPING BASE OR PAVING.
15. APPROVAL OF THESE PLANS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF ADHERING TO THE WEIGHT LIMITS PRESCRIBED ON STATE, COUNTY & CITY MAINTAINED ROADS FOR HAULING EQUIPMENT OR MATERIALS TO & FROM THIS SITE. THE CONTRACTOR IS RESPONSIBLE TO REMOVE OR CLEAN OUT ANY SILT, DIRT, MUD OR ANY OTHER TYPE OF DEBRIS THAT COMES OFF THE SITE AND FINDS ITS WAY INTO PRIVATE PONDS OR A COUNTY OWNED POND. THEY ARE RESPONSIBLE TO REMOVE ANY OF THE ABOVE MENTIONED ITEMS THAT COME OFF THE SITE ONTO PRIVATE, COUNTY OR STATE OWNED PROPERTIES TO INCLUDE RIGHTS-OF-WAY.
16. A CAD FILE WILL BE PROVIDED FOR SITE GEOMETRY STAKING. HOWEVER THE PRINTED SEALED PLANS ARE THE RECORD. JEA IS NOT RESPONSIBLE FOR THE USE OR MISUSE OF THE ELECTRONIC FILE.
17. LOCATION OF PROPOSED BUSINESS SIGN SHALL BE IN ACCORDANCE WITH 29-2-9.3 OF AUGUSTA ZONING ORDINANCE AND SHALL BE SUBMITTED AND APPROVED BY THE LICENSE AND INSPECTION DEPARTMENT PRIOR TO ERECTION AND/OR INSTALLATION.
18. ANY ENCROACHMENT INTO THE RIGHT-OF-WAY WHICH POSSES A RESTRICTION OF TRAFFIC FLOW OR ENDANGERS THE MOTORIZED PUBLIC SHALL REQUIRE A "TRAFFIC CONTROL PLAN" PRIOR TO APPROVAL. THE PLAN, CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN INCLUDING DETOURS AND LANE CLOSING ON ROADWAY CUTS ARE REQUIRED BY THE AUGUSTA RICHMOND COUNTY COMPREHENSIVE ZONING ORDINANCE AND BACKFLOW PREVENTER (C)AD FILE AS-BUILT SITE PLAN SHALL BE PROVIDED TO AUGUSTA ENGINEERING DEPARTMENT PRIOR TO ACCEPTANCE BY THE CITY OF AUGUSTA. THE AS-BUILT SHALL BE BASED ON A STANDARD SURVEY/INDUSTRY COORDINATE SYSTEM AND VERTICAL DATUM.
19. A 4-FOOT x 4 FOOT PAD, 6 INCHES IN DEPTH OF 3,000 PSI CONCRETE SHALL BE POURED AROUND ALL MANHOLES IN ANY PUBLIC ROW/MAJOR HIGHWAY BELOW THE FINISHED PAVEMENT GRADE TO INSURE COMPACTATION AROUND SAID MANHOLES.
20. ENGINEER'S STATEMENT OF WORKS HEREBY CERTIFIES THAT I AM A LICENSED ENGINEER IN THE STATE OF GEORGIA, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, SITE IMPROVEMENTS WERE CONSTRUCTED IN GENERAL CONFORMANCE WITH PERMITTED PLANS AND SPECIFICATIONS, AND IN MY PROFESSIONAL OPINION, IS IN COMPLIANCE APPLICABLE LAWS, CODES, AND ORDINANCES.
21. SIDEWALK WITHIN THE LIMITS OF THIS PROJECT SHALL MEET THE MINIMUM REQUIREMENTS FOR THE CITY OF AUGUSTA AND ADA FOR CONNECTION STREETS.
22. THE CONTRACTOR SHALL BE REQUIRED TO HAVE ON SITE A COPY OF THE GEORGIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND CONSTRUCTION STANDARD DETAILS, CURRENT EDITION.
23. ALL CONSTRUCTION WITHIN AUGUSTA RIGHTS-OF-WAY SHALL CONFORM TO AUGUSTA GEORGIA STANDARDS AND SPECIFICATIONS.
24. THE CONTRACTOR SHALL FIELD VERIFY INVERT ELEVATIONS OF EXISTING SANITARY SEWER AND STORM SEWER PIPES PRIOR TO START OF WORK AND CONTACT THE ENGINEER IF ANY VARIANCES EXIST PREVENTING THE DESIGNED CONFIGURATION.

# PROJECT LOCATION MAP



SCALE: 1" = 200'

# CIVIL DRAWING INDEX

SHT NO.	DESCRIPTION
CG001	CIVIL COVER SHEET
CD001	EXISTING CONDITIONS AND DEMOLITION PLAN
C-101	LAYOUT, GRADING AND UTILITY PLAN
C-201	MISCELLANEOUS DETAILS SHEET 1 OF 2
C-202	MISCELLANEOUS DETAILS SHEET 2 OF 2

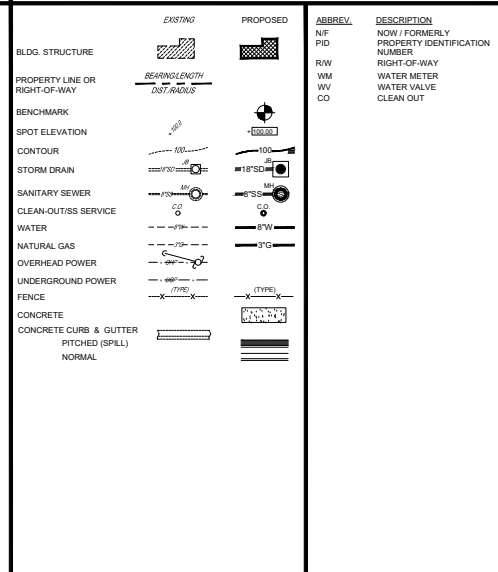
# PROJECT DATA

<b>OWNER (PRIMARY PERMITEE):</b> AUGUSTA MUSEUM OF HISTORY 560 REYNOLDS STREET AUGUSTA, GA 30901	<b>PROPERTY ADDRESS:</b> 560 REYNOLDS STREET AUGUSTA, GA 30901
<b>OWNER'S CONTACT:</b> NANCY J. GLASER, EXECUTIVE DIRECTOR P: 706-724-8454 E: nmh@augustamuseum.org	<b>PARCELS:</b> 047-1-014-00-0 047-2-025-00-0
<b>OWNER'S ENGINEER:</b> JOHNSON, LASCHOBBER & ASSOCIATES, P.C. RETT HARGESON, P.L.A. 1296 BROAD STREET AUGUSTA, GA 30901 P: 706-724-5756 E: rtarbeson@theJLGroup.com	<b>ZONING:</b> B-2, GENERAL BUSINESS
	<b>TOTAL SITE AREA:</b> 2.64 + 0.19 = 2.83 ACRES
	<b>DISTURBED AREA:</b> 0.123 ACRES (5,368 SF)

**UTILITIES PROTECTION CENTER**  
**GEORGIA 811**  
www.Georgia811.com  
New toll-free hotline  
Call before you dig  
THREE WORKING DAYS BEFORE YOU DIG  
(GEORGIA - 1-800-282-7411)

**UTILITY WARNING:**  
The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either as service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.

# SITE LEGEND



# GENERAL AUD NOTES

1. ALL CONSTRUCTION OF WATER DISTRIBUTION SYSTEMS AND WASTEWATER COLLECTION SYSTEM LINES SHALL BE IN ACCORDANCE WITH AUGUSTA UTILITIES DEPARTMENT (AUD) WATER AND SANITARY SEWER SYSTEMS DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS (LATEST PUBLICATION). THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION, SIZE, AND MATERIAL OF ANY EXISTING WATER OR SANITARY SEWER UTILITY PROPOSED FOR CONNECTION OR USE BY THE PROJECT. CONTRACTOR SHALL CONTACT THE UTILITIES PROTECTION LINE "CALL BEFORE YOU DIG" SERVICE (811) IN ORDER TO LOCATE UTILITIES PRIOR TO STARTING ANY EXCAVATION OR CONSTRUCTION. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ON PLANS ARE APPROXIMATE AS DETERMINED FROM EXISTING RECORDS.
2. THE CONTRACTOR SHALL COORDINATE THE WORK OF THE UTILITY COMPANIES.
3. THE AUGUSTA ENGINEERING DEPARTMENT (AED) SHALL BE NOTIFIED AT LEAST 48 HOURS (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30AM TO 5:00PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY WITHIN AUGUSTA, GEORGIA RIGHT-OF-WAY. CONTACT AED AT (706) 821-1706.
4. THE AUD ENGINEERING DIVISION SHALL BE NOTIFIED AT LEAST 48 HOURS (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS) PRIOR TO ANY CONSTRUCTION, TIE-INS, OR TESTING OF WATER OR WASTEWATER UTILITIES. NO WORK SHALL COMMENCE UNTIL CONTACT IS MADE WITH THE PROJECT'S AUD INSPECTIONS REPRESENTATIVE.
5. DISTURBANCE OF ANY SURVEY MARKERS OR MONUMENTS REQUIRES RE-ESTABLISHMENT BY A PROFESSIONAL LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. DOCUMENTATION OF THE WORK MUST BE PRESENTED TO THE AUD ENGINEERING DIVISION BEFORE THE PROJECT IS COMPLETED.
6. ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED ON PLANS OR IN THE SPECIFICATIONS SHOULD BE NOTED ON THE CONTRACT PROPOSAL, AND DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO CORRECT THE SAME.
7. ALL CONCRETE SHALL HAVE MINIMUM 28 DAY STRENGTH OF 3,000 PSI.
8. IF A CONFLICT ARISES BETWEEN THE NEW WORK AND THE EXISTING WATER AND SEWER UTILITIES DURING THE COURSE OF CONSTRUCTION, IT WILL BE THE RESPONSIBILITY OF THE OWNER/DEVELOPER/CONTRACTOR, AT THEIR EXPENSE AND NOT AUDS, TO CORRECT THE DISCREPANCY AS DIRECTED BY A REPRESENTATIVE OF AUD.
9. ALL EXISTING AUGUSTA ROAD STRUCTURES SUCH AS STORM MANHOLES, INLET BOXES, ETC., SHALL BE MAINTAINED AND OR ADJUSTED AS IS APPROPRIATE TO ENSURE PROPER USE.
10. ALL MATERIALS DEEMED SALVAGEABLE BY AUD ARE THE PROPERTY OF AUGUSTA, GEORGIA AND WILL BE REMOVED AND STORED ON SITE IN A SECURED AREA DETERMINED DURING CONSTRUCTION BY THE AUD INSPECTOR AND AUD UTILITIES DEPARTMENT.
11. FOR PRIVATE DEVELOPMENT, AUD SHALL NOT BE RESPONSIBLE FOR PAVEMENT PATCHING AND/OR REPLACEMENT AND THE SITE RESTORATION WHENEVER AUD PERFORMS REPAIR, REPLACEMENT OR INSTALLATION WORK.
12. IF AUD MUST REPAIR OR REPLACE UTILITIES ON THE WORK SITE, THEN THE RESPONSIBLE PARTY SHALL ARRANGE FOR ACCESS BY AUD AS REQUIRED TO REPAIR OR REPLACE THE UTILITY.
13. A MINIMUM 20' UTILITY EASEMENT CENTERED OVER ALL WATER LINES AND A MINIMUM 20' UTILITY EASEMENT CENTERED OVER ALL WASTEWATER LINES SHALL BE DEEDED TO AUGUSTA, GEORGIA AT COMPLETION AND ACCEPTANCE OF SAID ENCROACHMENT PERMIT MUST BE APPLIED FOR THROUGH AUD. CONDITIONS OF THE PERMIT MUST BE COMPLIED WITH FULLY. THE PERMIT MUST BE IN HAND A MINIMUM 24 HOURS NOTICE GIVEN TO GDOT PRIOR TO BEGINNING ANY WORK IN THE GDOT RIGHT-OF-WAY.
14. TRAFFIC CONTROL DEVICES SHALL MEET AND BE INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALSO, A TRAFFIC CONTROL DETOUR PLAN SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL. THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, GEORGIA RIGHTS OF WAY ENCROACHMENT GUIDELINES.
15. THE CONTRACTOR AND THE AUD REPRESENTATIVE SHALL HAVE A COPY OF THE AUGUSTA, RICHMOND COUNTY, GEORGIA RIGHTS OF WAY ENCROACHMENT GUIDELINES DEVELOPMENT DOCUMENT #15, ADOPTED JUNE 1999, AMENDED AUGUST 2020. THE REQUIREMENTS SET FORTH IN THIS DOCUMENT SHALL BE ADHERED TO AT ALL TIMES.
16. CLEARING AND GRUBBING SHALL BE AT THE CONTRACTOR'S DISCRETION, SUBJECT TO AUD APPROVAL TO FACILITATE CONSTRUCTION.
17. THE IMPLEMENTATION OF BEST MANAGEMENT PRACTICES (BMP'S) FOR EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA SHALL BE INSTALLED AND MAINTAINED AT ALL TIMES.

# AUD WATER & SEWER NOTES

1. AN AUD INSPECTOR SHALL BE PRESENT OR SECTION LEFT UNCOVERED UNTIL INSPECTED BY THE INSPECTOR WHEN A TAP, TIE-IN OCCURS, RESTRAINED JOINTS ARE INSTALLED, BENDS, FITTINGS, FIRE HYDRANTS, VALVES AND PRESSURE TESTING. CONTRACTORS TO PROVIDE AT LEAST 48 HOUR NOTICE (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS).
2. ALL PVC WATER LINES SHALL BE A MINIMUM DR-18 PVC MEETING AWWA C-900 AND/OR C-905, UNLESS OTHERWISE SHOWN OR SPECIFIED.
3. ALL DIP WATER LINES SHALL BE CLASS 350 FOR LINES 1" DIAMETER AND SMALLER, AND CLASS 300 FOR LINES 1" DIAMETER THROUGH 24" DIAMETER, UNLESS OTHERWISE SPECIFIED OR SHOWN.
4. ALL NEW WATER LINES SHALL BE INSTALLED PER PIPELINE MANUFACTURER RECOMMENDATIONS.
5. ALL WATER LINES SHALL BE TESTED, CHLORINATED, AND CHECKED FOR BACTERIA PER AUD'S WATER & SANITARY SEWER SYSTEMS DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS.
6. COPPER WIRE (12 GAUGE, INSULATED, SINGLE STRAND) SHALL BE ATTACHED ALONG TOP OF ALL BURIED WATER LINES, WRAPPED AROUND SERVICE CORPORATIONS AND BROUGHT UP ON THE OUTSIDE OF ALL VALVES, STUBBING OUT AT THE TOP TO FACILITATE TRACEABILITY. THIS WIRE SHALL BE PROPERLY SECURED WITH A WATER PROOF CONNECTOR FOR ELECTRICAL CONNECTIVITY, AND THEN INSULATED TO PROTECT AGAINST CORROSION. (REFERENCE AUD DETAILS WHEN APPLICABLE).
7. DETECTOR TAPE SHALL BE 6 INCHES WIDE AND PLACED 2 FEET ABOVE PIPE. ADD SIMILAR DEVICE TO CONDUIT PER AUD DETAIL 4.3.
8. ALL WATER VALVES ON THE MAIN LINES, INCLUDING HYDRANT LATERALS, SHALL BE OPEN/LEFT IN INSTALLED SOUTH OF GORDON HIGHWAY (S.R. 10), OR OPEN/RIGHT IF INSTALLED NORTH OF GORDON HIGHWAY.
9. THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN A METER BOX AT THE TERMINATION POINT OF ALL WATER SERVICES. METER BOXES WILL IN NO WAY BE PLACED UNDER DRIVEWAYS OR UNDER EXISTING PAVEMENT. METER BOXES WILL BE LOCATED IN THE CENTER OF THE LOT AND WITHIN 1' INSIDE OF THE R.W. AND MAINTAINED BY THE CONTRACTOR UNTIL SUCH THAT THE METER IS INSTALLED AND OPERATIONAL.
10. WATER SERVICES SHALL HAVE MINIMUM DIAMETER OF 1 INCH REFERENCE AUD DETAILS WHEN APPLICABLE).
11. ANY EXISTING WATER SERVICE LINES WHICH ARE EXTENSIONS OFF AN EXISTING WATER MAIN TO BE ABANDONED DURING CONSTRUCTION SHALL BE RELOCATED TO THE NEW SERVICE LINES ARE TO THE NEW WATER MAIN AND BE RECONNECTED TO THE EXISTING WATER METER.
12. EXISTING WATER SERVICES SHALL BE EXTENDED AND METER BOXES RELOCATED AS REQUIRED BY THE LIMITS OF CONSTRUCTION. THE SERVICES SHALL BE CONNECTED TO THE NEW WATER MAIN AFTER SAID MAIN HAS BEEN STERILIZED, PRESSURE TESTED AND PUT INTO SERVICE. IN THE EVENT THAT THE SERVICE LINE IS NOT ACTIVE, A NEW WATER SERVICE WILL BE REQUIRED TO BE CONSTRUCTED.
13. ALL WATER METERS SHALL BE PURCHASED FROM AUD CONSTRUCTION AND MAINTENANCE DIVISION.
14. THE DEVELOPER/CONTRACTOR SHALL LOCATE WATER SERVICES AND VALVES BY ETCHING A "W" FOR THE WATER SERVICE AND A "V" FOR A VALVE IN THE CURB OR IN THE PAVEMENT IF NO CURB IS AVAILABLE, AND HIGHLIGHT THE ETCHING WITH BLUE PAINT PER THE APWA UNIFORM COLOR CODE. IN THE EVENT THAT THE VALVE IS LOCATED BEHIND THE CURB OR PAVEMENT, INVERT THE "V" MARKING SO THAT IT POINTS TO THE VALVE OUTSIDE THE CURB OR PAVEMENT.
15. FIRE HYDRANTS ARE TO BE LOCATED A MINIMUM OF ONE FOOT INSIDE EXISTING RIGHT-OF-WAY WITH A 3 FOOT RADIUS CLEARANCE.
16. EXISTING FIRE HYDRANTS AND METERS THAT ARE REMOVED SHALL BE TURNED OVER TO AUD.
17. PER AUD'S WATER & SANITARY SEWER SYSTEMS DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS:
  - A. FOR BACKFLOW INSTALLATIONS FOR NON-RESIDENTIAL DEVELOPMENT, A MINIMUM 100 GPM BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED ON THE CUSTOMER'S SIDE OF ALL SERVICES.
  - B. FIRE LINES REQUIRE A MINIMUM "DOUBLE DETECTOR" BACKFLOW DEVICE.
  - C. FOR BACKFLOW INSTALLATIONS FOR RESIDENTIAL DEVELOPMENTS, A "DUAL CHECK" BACKFLOW DEVICE SHALL BE INSTALLED ON THE CUSTOMERS SIDE OF THE SERVICE LINE AT THE POINT OF TIE-IN TO THE WATER METER.
  - D. FOR SOME MEDIUM HAZARD TO HIGH HAZARD LOCATIONS, A REDUCED PRESSURE ZONE (RPZ) CHECK VALVE WILL BE REQUIRED.
18. BACKFLOW DEVICES SHALL BE TESTED BY A CERTIFIED PERSON WITHIN FIVE (5) WORKING DAYS OF INSTALLATION AND THE RESULTS FURNISHED TO THE AUD BACK FLOW INSPECTOR WITHIN 10 WORKING DAYS OF INSTALLATION PRIOR TO ANY WATER USE. AUD SHALL BE NOTIFIED PRIOR TO TESTING CONTACT THE AUGUSTA UTILITIES BACK FLOW INSPECTOR AT 706-727-1639.
19. AN AUD INSPECTOR SHALL BE PRESENT OR SECTION LEFT UNCOVERED UNTIL INSPECTED BY THE INSPECTOR WHEN A CORE, TAP, TIE-IN OCCURS, MANHOLE INSTALLED, AND ALL REQUIRED TESTING. CONTRACTOR IS TO PROVIDE AT LEAST 48 HOUR NOTICE (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS).
20. THE CONTRACTOR IS TO VERIFY THE INVERT ELEVATIONS (I.E.) OF EXISTING PIPES PRIOR TO BEGINNING CONSTRUCTION.
21. SERVICE FORCE MAIN SHALL BE PVC DR-18 C-900 OR C-905 AS APPLICABLE OR DIP CLASS 350, EPOXY LINED.
22. ALL NEW SEWER LINES SHALL BE INSTALLED PER PIPELINE MANUFACTURER REQUIREMENTS.
23. COPPER WIRE (12 GAUGE, INSULATED, SINGLE STRAND) SHALL BE ATTACHED ALONG TOP OF ALL BURIED SEWER LINES TO FACILITATE TRACEABILITY. THE WIRE SHALL RUN ALONG THE TOP OF THE MAIN AND ALONG INDIVIDUAL SERVICE LINES AND BROUGHT UP ON THE OUTSIDE OF ALL MANHOLES, CLEANOUTS, OR OTHER ABOVE GROUND FEATURES STUBBING OUT AT THE TOP FOR LOCATING PURPOSES. THE WIRE SHALL BE PROPERLY GROUTED WITH A WATER PROOF CONNECTOR FOR ELECTRICAL CONNECTIVITY, AND THEN INSULATED TO PROTECT AGAINST CORROSION. (REFERENCE AUD DETAILS WHEN APPLICABLE).
24. DETECTOR TAPE SHALL BE 6 INCHES WIDE AND PLACED 2 FEET ABOVE PIPE ADD SIMILAR DEVICE TO CONDUIT PER AUD DETAIL 4.3.
25. ALL TIE-INS TO EXISTING MANHOLES SHALL BE CORED UNLESS OTHERWISE APPROVED BY AUD INSPECTOR.
26. ALL MANHOLES REQUIRE "K" OR "N" SEAL, OR EQUAL, RUBBER BOOTS, UNLESS OTHERWISE APPROVED BY AUD INSPECTOR.
27. NO CONNECTION SHALL BE MADE TO EXISTING WASTEWATER LINES UNTIL THE PROPOSED LINE IS INSPECTED AND APPROVED BY AUDS ENGINEERING DIVISION.
28. ALL WASTEWATER MANHOLES SHALL HAVE AN ELEVATION DROP OF 0.2 FOOT ABOVE THE INLET AND OUTLET INVERTS.
29. WASTEWATER CLEAN-OUTS SHALL BE INSTALLED AT ALL INDIVIDUAL SERVICES AS SHOWN IN AUD DETAILS, AND SHALL NOT BE INSTALLED UNDER DRIVEWAYS OR ANY PAVED AREAS WITHOUT PRIOR APPROVAL FROM AUD.
30. SERVICE LINES TO SANITARY SEWER MAIN SHALL BE BEDDED PER THESE AUD CONSTRUCTION SPECIFICATIONS AND DETAILS.
31. MAXIMUM SANITARY SEWER INFILTRATION SHALL NOT EXCEED 100 GPD/INCH OF PIPE DIAMETER PER MILE.
32. THE CONTRACTOR SHALL LOCATE SANITARY SEWER SERVICES BY ETCHING AN "S" IN THE CURB OR IN THE PAVEMENT IF NO CURB IS AVAILABLE, AND HIGHLIGHT THE ETCHING WITH GREEN PAINT PER THE APWA UNIFORM COLOR CODE.
33. FINISHED FLOOR ELEVATIONS OF ALL PROPOSED BUILDINGS SHALL BE A MINIMUM OF FIVE (5) FEET ABOVE THE INVERT ELEVATION OF THE WASTEWATER MAIN MANHOLE AT THE POINT OF TIE-IN. IN INSTANCES WHERE THIS IS NOT POSSIBLE, A BACKFLOW VALVE SHALL BE INSTALLED IN THE SEWER SERVICE.

**Since 1980**  
Architect • Engineers • Landscape Architects  
**JOHNSON, LASCHOBBER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-5756 • TEL (803) 409-6486  
FAX (706) 724-9955  
WWW.THEJLGROUP.COM

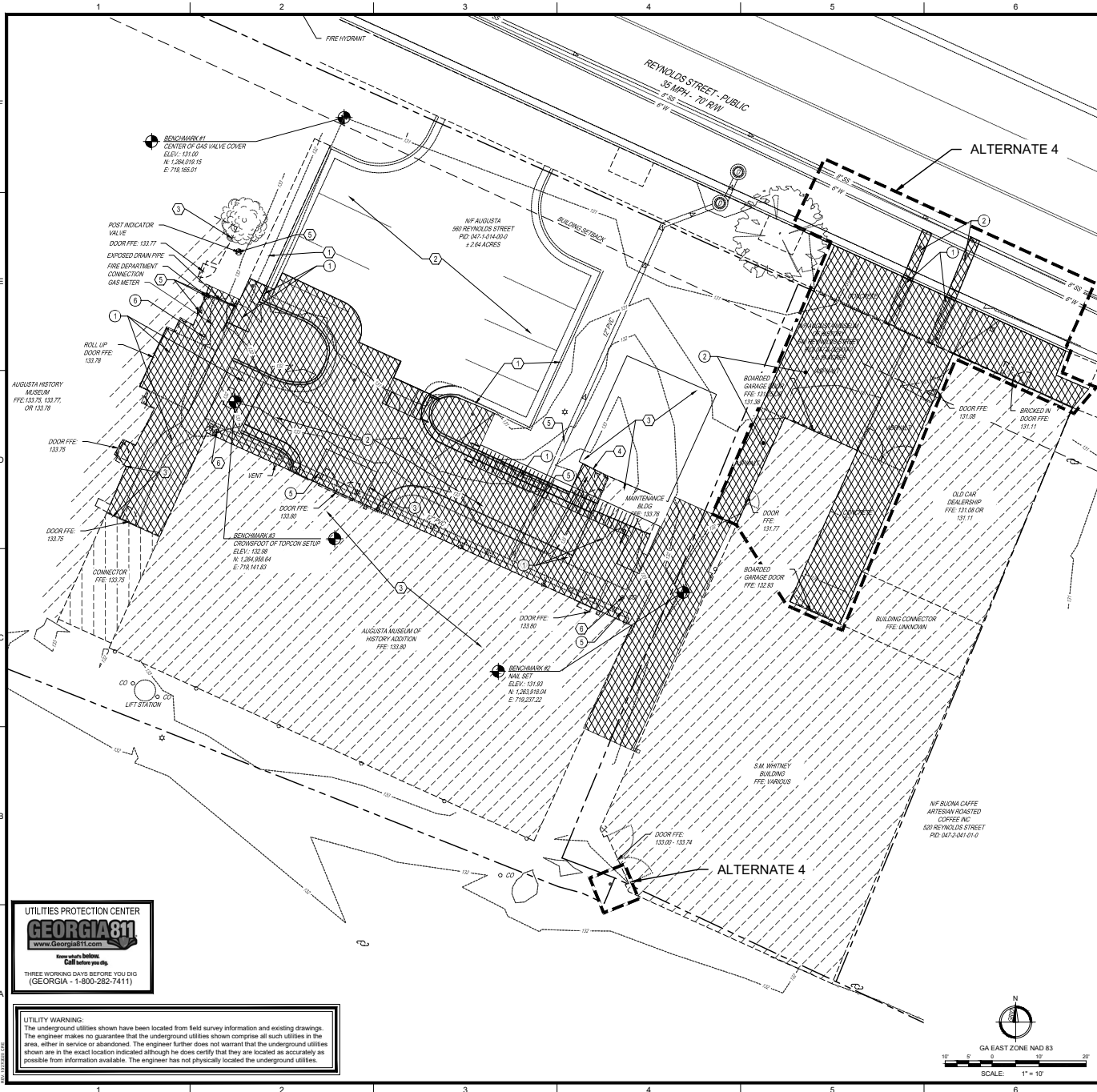
**AUGUSTA MUSEUM OF HISTORY**  
PROJECT NAME  
560 REYNOLDS ST., AUGUSTA, GA  
PROJECT LOCATION  
560 REYNOLDS ST., AUGUSTA, GA

**AUGUSTA MUSEUM OF HISTORY**  
WHITNEY BUILDING ADDITION

PROJECT NO. 3042-2103  
DRAWN BY: AWR  
CHECKED BY: RDH  
DATE: 08/03/2022

SHEET TITLE  
**CIVIL COVER SHEET**

SCALE: AS SHOWN  
DRAWING NO. **CG001** REV: 0



**DEMOLITION LEGEND:**

- XXXXXX # TO BE REMOVED
- # TO BE PROTECT & MAINTAIN
- /////// # TO BE ABANDONED
- ◆ TO BE SALVAGED
- ⊕ TO BE RELOCATED

- 1 CONCRETE PAVEMENT (PAVEMENT PAD, CURB, SIDEWALK, SHOULDER OR REMOVE FROM NEAREST JOINT)
- 2 ASPHALT PAVEMENT/SIDEWALK (REMOVAL OR REPLACEMENT, SEE LAYOUT PLAN)
- 3 STRUCTURES (BUILDING, CANOPY, WALL)
- 4 FENCE/GATE
- 5 UTILITY STRUCTURE/PIPE
- 6 MISCELLANEOUS (BOLLARD, CLEANOUT)

**DEMOLITION NOTES:**

1. ALL ITEMS TO BE DEMOLISHED ARE DOUBLE HATCHED, ITEMS TO BE ABANDONED (IF ANY) ARE SINGLE HATCHED, AND BOTH SHOWN DOTTED.
2. ALL UNDERGROUND LOCATIONS ARE APPROXIMATE AND SUPPLIED BY VARIOUS UTILITY COMPANIES. NOTIFY THE ENGINEER IMMEDIATELY IN WRITING OF ANY CONFLICTS OR DISCREPANCIES.
3. CONTRACTOR TO VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO DEMOLITION & CONSTRUCTION WORK.
4. ALL DEMOLISHED ITEMS TO BE REMOVED FROM SITE & DISPOSED OF IN LEGAL MANNER OR UPON OWNER'S DISCRETION.

**SURVEY NOTES:**

1. ACCORDING TO FIRM PANEL 1324501300H EFFECTIVE NOVEMBER 15, 2019 THE PROPERTY IS NOT LOCATED IN THE 100-YEAR SPECIAL FLOOD HAZARD AREA (SFHA) SUBJECT TO A 1% ANNUAL CHANCE FLOOD.
2. THIS PROPERTY MAY BE SUBJECT TO EASEMENTS, SETBACKS, OR REGULATIONS NOT SHOWN HEREON BUT MAY BE ON RECORD IN THE CLERK OF COURTS OFFICE.
3. TOPOGRAPHIC SURVEY CONDUCTED BY JOHNSON LASCHOBER AND ASSOCIATES ON SEPTEMBER 2, 2021 USING A SPECTRA SP90 GNSS ROVER AND A TOPCON ES-105 TOTAL STATION.
4. UNDERGROUND UTILITY LOCATE WAS NOT CONDUCTED AT THE TIME OF THE SURVEY. ALL UTILITIES SHOULD BE PHYSICALLY FIELD VERIFIED BEFORE ANY CONSTRUCTION OR EXCAVATION BEGINS. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF THE SURVEY. THE SURVEYOR MAKES NO GUARANTEES THAT ANY UNDERGROUND UTILITIES SHOWN ARE EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT GUARANTEE THAT ANY UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. ALL UTILITIES SHOULD BE PHYSICALLY FIELD VERIFIED BEFORE ANY CONSTRUCTION OR EXCAVATION BEGINS.

JOHNSON, LASCHOBER & ASSOCIATES, P.C.  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL (703) 724-5754 • TEL (843) 409-4496  
 FAX (703) 724-5955  
 WWW.THJLAJLRON.P.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
 PROJECT NAME: AUGUSTA MUSEUM OF HISTORY WHITNEY BUILDING ADDITION  
 PROJECT LOCATION: 560 REYNOLDS ST., AUGUSTA, GA

REV	DATE	BY	DESCRIPTION
0	08/03/22	WTB	ISSUED FOR CONSTRUCTION

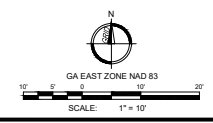
PROJECT NO. 3042.2103  
 DRAWN BY: AWR  
 CHECKED BY: RDH  
 DATE: 08/03/2022

**EXISTING CONDITIONS AND DEMOLITION PLAN**

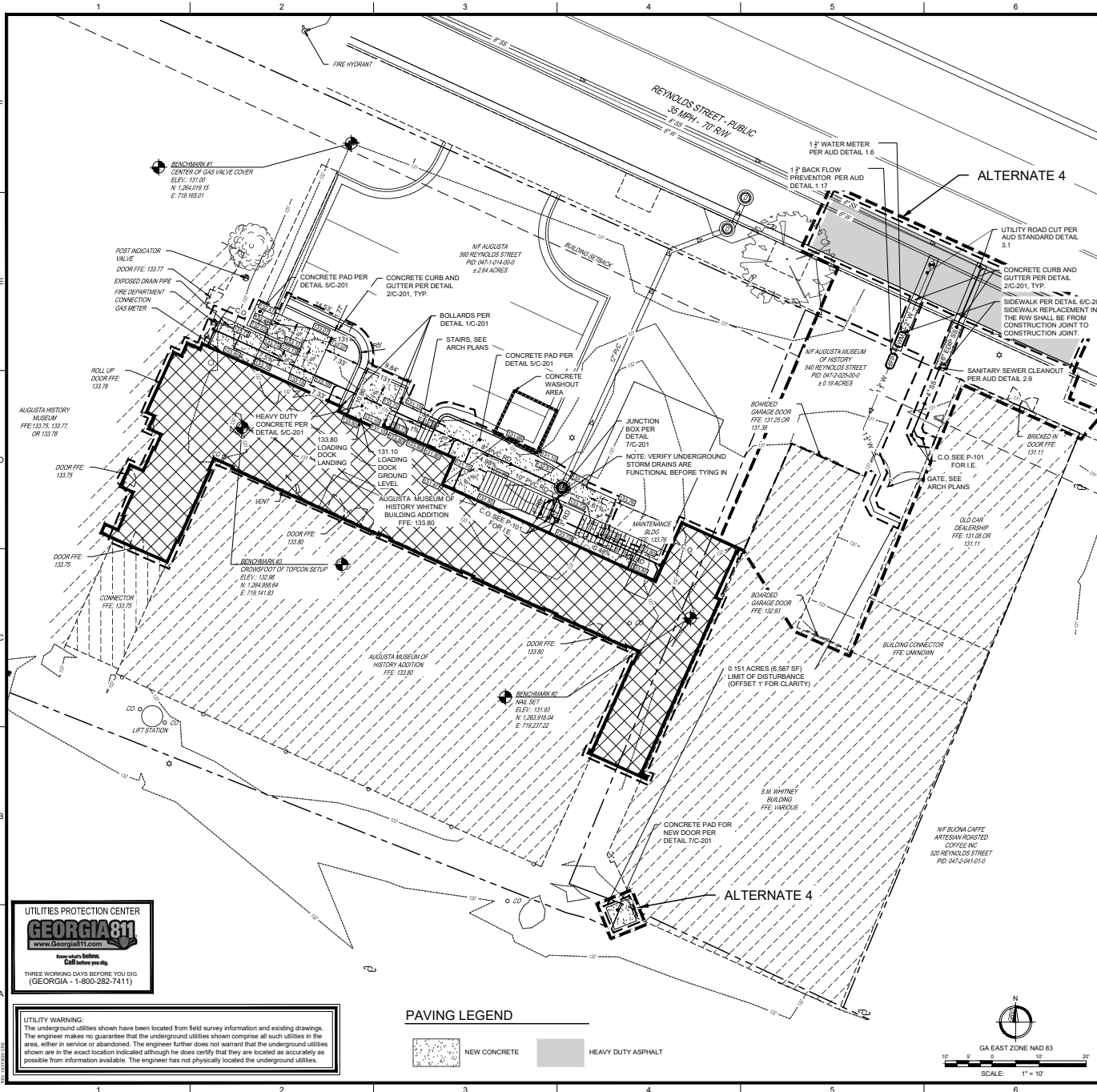
SCALE: 1" = 10'  
 DRAWING NO. CD001  
 REV. 0

Keep what's below.  
 Call before you dig.  
 THREE WORKING DAYS BEFORE YOU DIG  
 (GEORGIA - 1-800-282-7411)

**UTILITY WARNING:**  
 The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.



This document is the property of Johnson, Laschober & Associates, P.C. This unauthorised reproduction, copying or otherwise use of this document without the express written consent of Johnson, Laschober & Associates, P.C. may result in legal action.



### LAYOUT AND STAKING NOTES

#### SITE SPECIFIC:

- ALL EXISTING ASPHALT TO BE SEALED WITH MASTER SEAL OF APPROVED EQUAL AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- ALL EXISTING CRACKS TO BE FILLED WITH HOT FOUR GRADE SEALANT (CRACK MASTERS44 OR APPROVED EQUAL) AND PROVIDED PER MANUFACTURER'S SPECIFICATIONS PRIOR TO SEAL COATING.
- CONTRACTOR TO INSTALL A STRIPING & SIGNAGE PLAN TO THE ENGINEER IN ACCORDANCE WITH MUTCD AND LOCAL REGULATIONS. CONTRACTOR TO RECEIVE APPROVAL IN WRITING PRIOR TO INSTALLATION OF SIGNAGE.
- BUILDING COORDINATES ARE APPROXIMATE. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL BUILDING INFORMATION, DIMENSIONS AND SIDEWALK LOCATIONS.
- BUILDING AND PARKING LOT ACCESS SHALL BE CONSTRUCTED IN COMPLIANCE WITH ALL 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, OR MOST CURRENT EDITION.
- ALL DIMENSIONS AND/OR COORDINATES ARE FROM FACE OF CURB, EDGE OF CONCRETE PAVEMENT AND/OR FACE OF BUILDING.
- COORDINATE ALL CONCRETE JOINTS, SCORING PATTERNS, TEXTURE & COLOR WITH ARCHITECT.
- ALL PAVEMENT MARKINGS AND SIGNAGE TO BE IN ACCORDANCE WITH AUGUSTA-RICHMOND COUNTY, GDOT, AASHTO, AND MUTCD.
- THE CONTRACTOR SHALL NOTIFY AND RECEIVE APPROVAL FOR THE METHOD, SPACING REQUIREMENTS, AND SCHEDULING OF CONSTRUCTION FROM THE OWNER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL REPAIR OR REPLACE AT NO COST TO THE OWNER ANY DAMAGE INCURRED TO ABOVE OR BELOW GROUND UTILITY SERVICES OR ANY EXISTING STRUCTURES.
- EXCESS EARTH MAYBE STOCKPILED ONSITE AS DIRECTED BY THE OWNER. STOCKPILE SHOULD NOT OBSTRUCT NATURAL DRAINAGE OR CAUSE OFFSITE ENVIRONMENTAL DAMAGE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LOCATIONS, CONDITIONS AND COMPLETENESS OF ALL EXISTING CONSTRUCTION SHOWN BEFORE COMMENCEMENT OF CONSTRUCTION.
- PROVIDE TWO (2) SCHED. 40 PVC (TYP.) AT ROAD CROSSING, SIDEWALKS, AND CURB ISLANDS AS SHOWN ON LAYOUT AND STAKING PLAN SHEET C-101. SEE DET. 811-C-302 COPPER WIRE (12 GA. BARE SINGLE STRAND) SHALL BE ATTACHED ALONG TOP OF ALL BURIED CONDUIT LINES AND WRAPPED AROUND END SECTIONS FOR LOCATING PURPOSES.
- LIGHTING LOCATION AND INSTALLATION TO BE DESIGNED AND CONDUCTED BY GEORGIA POWER.

#### EARTHWORK:

- PROOFROLLING - TO DETECT ANY SOFT ZONES IN THE PROJECT AREA, THE ENTIRE AREA SHALL BE PROOFROLLED WITH A LOADED TANDDEM AXLE TRUCK MAKING OVERLAPPING TRANSVERSE PASSES IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. AREAS THAT ARE OBSERVED TO DEFLECT OR RUT, WILL BE REMEDIATED PER OWNER'S REPRESENTATIVE. PROOFROLLING WILL BE REQUIRED FOR SUBGRADE AND BASE COURSES.
- PAVEMENT SUBGRADE - COMPACT TOP 12" OF EXISTING SOIL OR COMPACTED STRUCTURAL FILL TO 100% STANDARD PROCTOR (ASTM D 698) FOR ALL SUBGRADE UNDER PAVEMENT; SIDEWALK AND ALL OTHER STRUCTURES.
- COMPACTION TESTS FOR SUBGRADE, STRUCTURAL FILL AND FOR AGGREGATE BASE COURSES SHALL CONFORM TO ASTM D 698 (STANDARD PROCTOR).
- AGGREGATE BASE MATERIAL (GAB) SHALL BE IN ACCORDANCE WITH THE GA 5. D. O. T. SPECIFICATION 815 AND 310 AND COMPACTED TO A MINIMUM OF 98% STANDARD PROCTOR.

#### CONCRETE:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
  - ACI 318-89
  - POLYPROPYLENE FIBERS SHALL BE PER ASTM C1116.
  - CONCRETE TABLE PROVIDED ON THIS SHEET.

#### CONCRETE TABLE:

LOCATION	MIN. 28-DAY STRENGTH	MIN. CEMENT CONTENT	SLUMP	ENTRAINED AIR CONTENT	MAX. AGGR. SIZE
SIDEWALK & CURBS	3,000 PSI	5.5 BAG/YD <sup>3</sup>	4"±1"	4% - 6%	1"
CONC. PAD LOADING DOCK	4,000 PSI	6.3 BAG/YD <sup>3</sup>	2.5"±0.5"	4% - 6%	1-1/2"

### WATER & SEWER DEMANDS

#### POTABLE WATER:

FIXTURE	FIXTURE UNIT LOAD VALUE	# OF FIXTURES	TOTAL F.U.
SINK	2	1	2
TANK TOILET	5	1	5
SHOWER	4	1	4
LAUNDRY TUB	3	1	3
LAVATORY	2	1	2
TOTAL FIXTURE UNITS			16
16 FIXTURE UNITS = 18 GPM			
18 GPM * 10 GPM/2" WALL HYDRANTS @ 5 GPM EA.) = 28 GPM			

#### SANITARY SEWER:

FIXTURE	DRAINAGE FIXTURE UNIT VALUE	# OF FIXTURES	TOTAL D.F.U.
SINK	2	1	2
TANK TOILET	4	1	4
SHOWER	3	1	3
LAUNDRY TUB	2	1	2
LAVATORY	1	1	1
FLOOR DRAIN (SAFETY SHOWER)	6	1	6
FLOOR DRAIN (MEZZANINE)	3	1	3
EMERGENCY FLOOR DRAIN (ELECTRIC WATER HEATER)	0	1	0
TOTAL DRAINAGE FIXTURE UNITS			21

PER TABLE 710.1 OF IPC: 250 MAX. D.F.U. FOR 4" PIPE SLOPED 1/2" PER FOOT / 21 DFU = 250 DFU O.K.  
 Q(CAPACITY) FOR 4" PIPE SLOPED 1/2" PER FOOT FLOWING HALF FULL = 94 GPM  
 Q(EMERGENCY DEMAND) BASED ON 21 DFU IS 11 GPM

JOHNSON, LASCHÖBER & ASSOCIATES, P.C.  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL (706) 724-5754 • TEL (843) 409-4456  
 FAX (706) 724-9555  
 WWW.JL&A.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
 590 REYNOLDS ST., AUGUSTA, GA

PROJECT NAME: AUGUSTA MUSEUM OF HISTORY WHITNEY BUILDING ADDITION

PROJECT LOCATION: 590 REYNOLDS ST., AUGUSTA, GA

NO.	DATE	BY	DESCRIPTION
0	08/03/22	AWR	ISSUED FOR CONSTRUCTION

PROJECT NO. 3042.2103  
 DRAWN BY: AWR  
 CHECKED BY: RDH  
 DATE: 08/03/2022

### LAYOUT, GRADING AND UTILITY PLAN

SCALE: 1" = 10'

DRAWING NO. C-101

REV: 0

UTILITIES PROTECTION CENTER  
**Georgia811**  
 www.Georgia811.com  
 Keep what you believe. Call before you dig.  
 THREE WORKING DAYS BEFORE YOU DIG  
 (GEORGIA - 1-800-282-7411)

**UTILITY WARNING:**  
 The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.

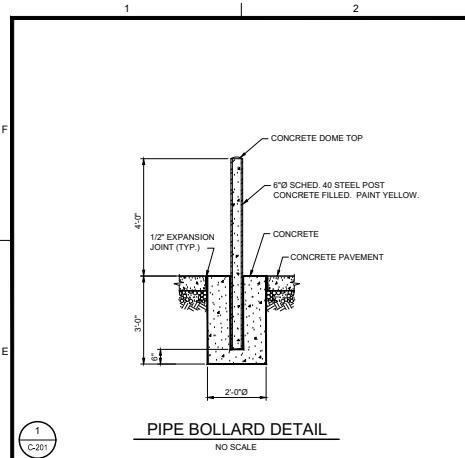
**PAVING LEGEND**

NEW CONCRETE

HEAVY DUTY ASPHALT

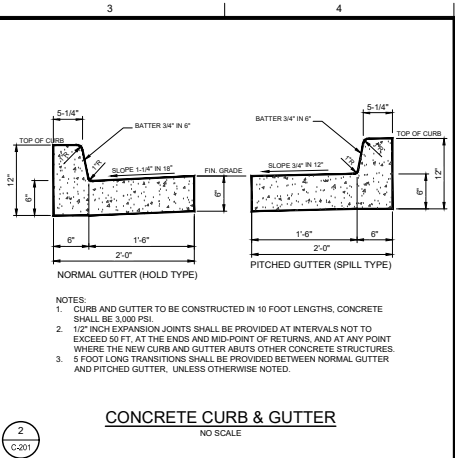
GA EAST ZONE NAD 83

SCALE: 1" = 10'



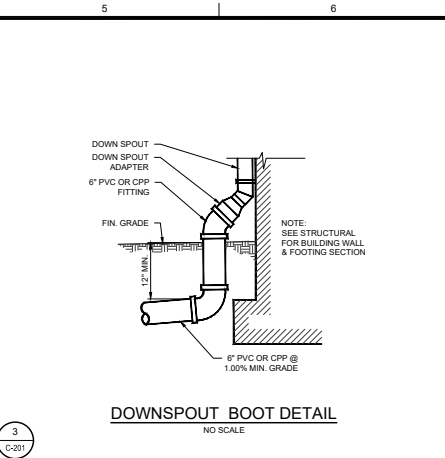
**PIPE BOLLARD DETAIL**  
NO SCALE

1  
C-201



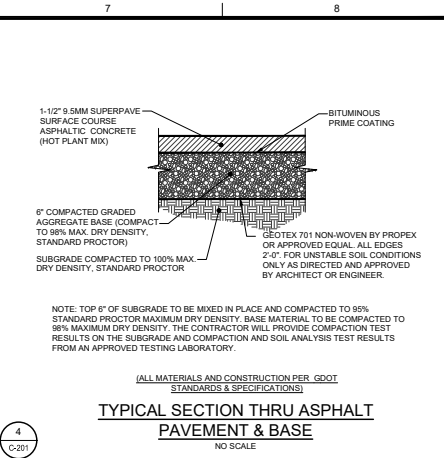
**CONCRETE CURB & GUTTER**  
NO SCALE

2  
C-201



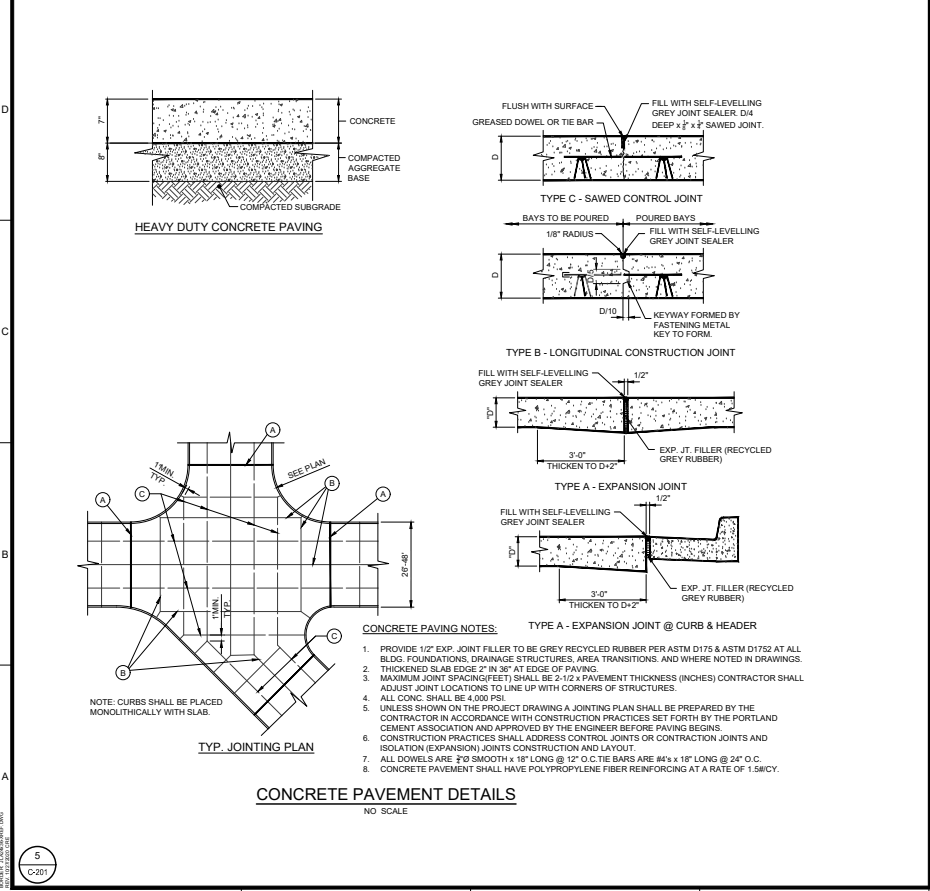
**DOWNSPOUT BOOT DETAIL**  
NO SCALE

3  
C-201



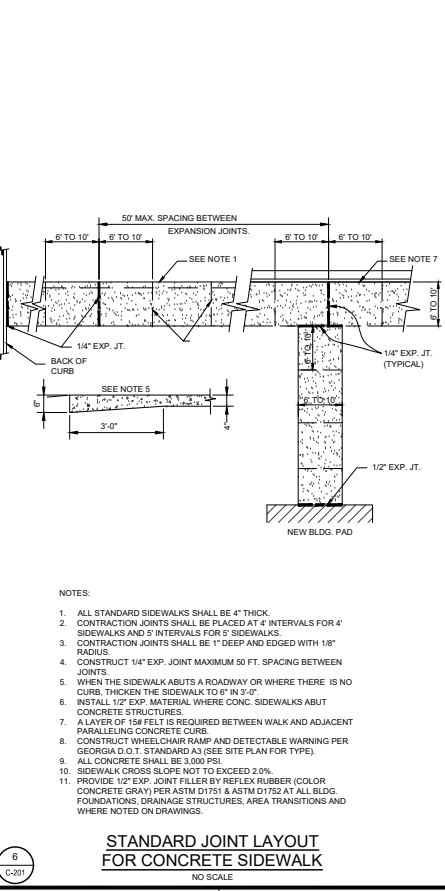
**TYPICAL SECTION THRU ASPHALT PAVEMENT & BASE**  
NO SCALE

4  
C-201



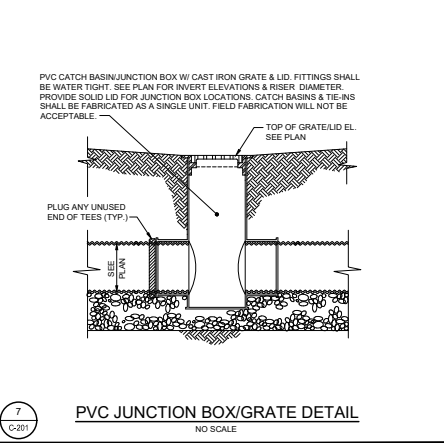
**CONCRETE PAVING DETAILS**  
NO SCALE

5  
C-201



**STANDARD JOINT LAYOUT FOR CONCRETE SIDEWALK**  
NO SCALE

6  
C-201



**PVC JUNCTION BOX/GRATE DETAIL**  
NO SCALE

7  
C-201

Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-5754 • TEL (843) 409-4456  
FAX (706) 724-3955  
WWW.JHLA.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
PROJECT NAME: AUGUSTA MUSEUM OF HISTORY WHITNEY BUILDING ADDITION  
PROJECT LOCATION: 560 REYNOLDS ST., AUGUSTA, GA

REV	DATE	BY	DESCRIPTION
0	08/03/22	WTB	ISSUED FOR CONSTRUCTION

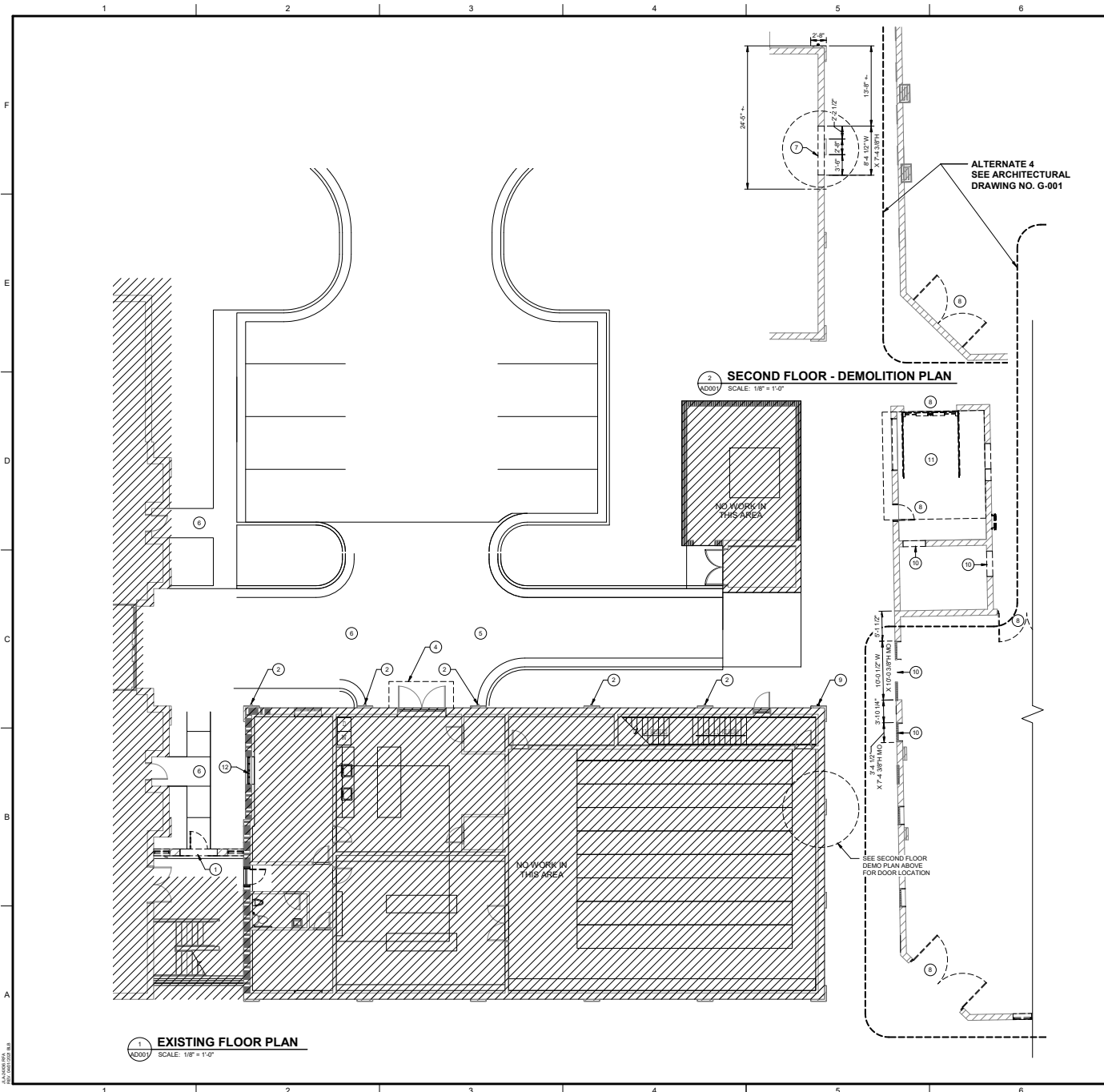
PROJECT NO. 3042.2103  
DRAWN BY: AWR  
CHECKED BY: RDH  
DATE: 08/03/2022

SHEET TITLE:  
**MISCELLANEOUS DETAILS SHEET 1 OF 2**

SCALE: AS SHOWN  
DRAWING NO. **C-201**  
REV: 0

THIS DOCUMENT IS THE PROPERTY OF JOHNSON, LASCHOBER & ASSOCIATES, P.C. IT IS UNLAWFUL TO REPRODUCE, COPY, OR OTHERWISE USE IT WITHOUT THE WRITTEN PERMISSION OF JOHNSON, LASCHOBER & ASSOCIATES, P.C. ANY UNAUTHORIZED REPRODUCTION OR USE MAY BE SUBJECT TO LEGAL ACTION.





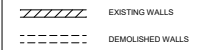
**DEMOLITION GENERAL NOTES**

- THE SCOPE OF THE DEMOLITION WORK INCLUDES THE FOLLOWING, UNLESS SPECIFICALLY INDICATED OTHERWISE:
- A. CONTRACTOR TO SURVEY THE ENTIRE FACILITY BEFORE COMMENCEMENT OF DEMOLITION. CONTRACTOR TO NOTE ANY APPARENT AREAS OF CONCERN AND/OR DISCREPANCY. COORDINATE WITH ARCHITECT BEFORE START OF DEMOLITION.
  - B. CONTRACTOR SHALL COORDINATE WITH OWNER FOR HAZARDOUS MATERIAL IDENTIFICATION AND TESTING PRIOR TO BEGINNING ANY DEMOLITION WORK. IF HAZARDOUS MATERIALS ARE FOUND, THESE ITEMS WILL NEED TO BE PROPERLY REMOVED AND DISPOSED OF BEFORE DEMOLITION ACTIVITIES CAN BEGIN.
  - C. ALL WALLS THAT ARE SCHEDULED TO BE REMOVED SHALL INCLUDE THE REMOVAL OF ALL GAS PIPING, ELECTRICAL AND PLUMBING WORK CONCEALED WITHIN THOSE WALLS UNLESS OTHERWISE NOTED. CONTRACTOR TO COORDINATE WITH OWNER ON FINAL REMOVAL OF BUILDING SYSTEMS LISTED ABOVE.
  - D. ALL ABANDONED, NONESSENTIAL OR OTHERWISE NOT SPECIFICALLY SHOWN TO BE REUSED, MECHANICAL, PLUMBING OR ELECTRICAL UTILITIES THAT ARE EXPOSED AFTER CEILING OR WALL REMOVAL, ARE TO BE REMOVED AND CAPPED AT POINT OF ORIGIN, WHEREVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC ARE REQUIRED TO BE REMOVED. SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGERS, FOUNDATIONS, ETC. AFTER REMOVAL AFFECTED CONSTRUCTION SHALL BE CAPPED SECURELY AND PROPERLY TERMINATED TO PREVENT POTENTIAL DAMAGE TO EXISTING SPACES TO REMAIN. CONSULT ARCHITECT IF QUESTIONS ARISE AS TO WHETHER A SERVICE IS TO BE ABANDONED OR IS TO REMAIN.
  - E. ALL OTHER COMPONENTS OF THE EXISTING CONSTRUCTION, NOT ESSENTIAL TO REMAIN, THAT WOULD INTERFERE WITH THE INSTALLATION OF NEW WORK OR INTERFERE WITH THE INSTALLATION OF NEW FINISH, UNBROKEN PLUMB AND LEVEL WALL, CEILING AND FLOOR SURFACES, SHALL BE REMOVED.
  - F. ALL EXISTING UTILITY SERVICE LINES IN RENOVATED AREAS SHALL CONNECT TO NEW SERVICE LINES OR BE REMOVED AND CAPPED OFF AS REQUIRED. REMOVE AND CAP OFF ALL ABANDONED UTILITIES BEHIND FINISH WALL SURFACES OR BELOW FLOOR LEVEL WHICH ARE EXPOSED DURING THE WORK.
  - G. ALL EXPOSED MATERIALS INCLUDED, BUT NOT LIMITED TO, CONCRETE, MASONRY AND TILE WILL BE CUT IN STRAIGHT LINES PLUMB OR LEVEL, USING CONCRETE SAWS, SCORING KNIVES OR OTHER APPROPRIATE TOOLS AS REQUIRED TO GIVE SMOOTH CLEAN EDGES. IRREGULARITIES IN EXPOSED SURFACES OR SURFACES TO BE REFINISHED SHALL BE GROUND SMOOTH OR FILLED FLUSH.
  - H. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE REGULAR DAILY REMOVAL OF ALL WASTE MATERIAL FROM THE PROJECT SITE AND BE RESPONSIBLE FOR KEEPING ALL AREAS CLEAN.
  - I. SALVAGE: THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL MATERIAL AND ITEMS TO BE REMOVED. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER WHEN DEMOLITION IS ABOUT TO BEGIN AND CONDUCT A SURVEY WITH THE OWNER TO IDENTIFY THOSE ITEMS TO BE SALVAGED. ITEMS IDENTIFIED BY THE OWNER TO BE SALVAGED AND TURNED OVER TO THE OWNER ARE TO BE REMOVED BY THE GENERAL CONTRACTOR AND DELIVERED TO A MUTUALLY AGREED LOCATION.
  - J. ONCE DEMOLITION IS COMPLETE, THOROUGHLY CLEAN THE REMAINING INTERIOR & EXTERIOR WALL SURFACES PREP FOR NEW FINISHES.
  - K. CONTRACTOR SHALL COORDINATE WITH OWNER FOR THE SCHEDULING OF DEMOLITION IN AREAS AFFECTING MUSEUM OPERATIONS AND COORDINATE THE LOCATION AND SHALL BE RESPONSIBLE FOR ANY AND ALL TEMPORARY BARRIERS AND/OR WALLS AS REQUIRED TO PREVENT THE SPREAD OF DUST AND DEBRIS TO ADJOINING OCCUPIED SPACES.

**DEMOLITION KEY NOTES**

- 1 DEMO ENTIRE WALL UP TO BOTTOM OF ROOF STRUCTURE INCLUDING MASONRY WALL AND STOREFRONT CURTAIN WALL SYSTEM AND FINISH NEWLY EXPOSED SURFACES REMAINING TO MATCH ADJACENT SURFACES.
- 2 REWORK EXISTING DOWNSPOUTS TO DISCHARGE ONTO NEW SLOPING METAL ROOF. REWORK EXISTING STORM WATER COLLECTION SYSTEM AS REQ'D BY CIVIL DRAWINGS.
- 3 REWORK EXISTING UTILITIES AS REQUIRED BY CIVIL DRAWINGS.
- 4 REMOVE EXISTING DOOR CANOPY
- 5 SEE AD401 DEMOLITION REQUIREMENTS FOR EXISTING BRICK VENEER.
- 6 SEE CIVIL DRAWINGS FOR ADDITIONAL SITE DEMOLITION.
- 7 DEMO FOR NEW DOUBLE DOOR ON SECOND FLOOR
- 8 DEMO DOORS & FRAME
- 9 REWORK EXISTING DOWNSPOUT TO DISCHARGE ONTO NEW FLAT ROOF.
- 10 FIELD VERIFY EXISTING CONDITIONS AND ENSURE NEW OPENINGS ARE LOCATED RELATIVE TO NEW FINISHED FLOOR ELEVATION. PROPERLY SUPPORT EXISTING MASONRY AS REQUIRED PRIOR TO REMOVING SECTION OF WALL FOR NEW OPENING - SEE S-DRAWINGS.
- 11 REMOVE EXISTING ROOF AND ROOF FRAMING
- 12 DEMO WINDOW & FRAME AND PREPARE EXISTING OPENING TO RECEIVE NEW RATED INFILL PANEL - SEE DEMO DETAILS 2/A-702 & 5/A-702 AND INFILL DETAILS 3/A-702 & 5/A-702.

**WALL LEGEND**



**DETAIL NOTES**

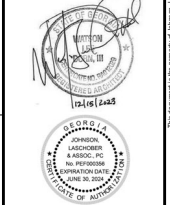
- A1. CONTRACTOR TO PROVIDE ALTERNATE 1 BID LINE ITEM TO REMOVE EXISTING STOREFRONT DOOR AND FRAME AND DEMO FOR NEW 4'-0" W x 7'-4" 3/8" M.O. FOR NEW DOUBLE DOOR CASED OPENING IN LIEU OF DEMOLITION KEY NOTE 1.



CLIENT: AUGUSTA MUSEUM OF HISTORY  
600 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: AUGUSTA MUSEUM OF HISTORY

PROJECT LOCATION: 600 REYNOLDS ST., AUGUSTA, GA 30901



REV	DATE	BY	DESCRIPTION
1	12/1/2022	WLD	ISSUED FOR CONSTRUCTION
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022

SHEET TITLE:  
**DEMOLITION PLAN  
- EXISTING FIRST  
FLOOR**

SCALE: AS NOTED

DRAWING NO: **AD001**

REV: **1**







**1 NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"

**2 EAST ELEVATION**  
SCALE: 1/8" = 1'-0"

**3 SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"

**4 WEST ELEVATION**  
SCALE: 1/8" = 1'-0"

**5 WEST ELEVATION**  
SCALE: 1/8" = 1'-0"

**DEMOLITION ELEVATION KEY NOTES**

- 1 RELOCATE SECURITY CAMERA
- 2 REMOVE DRYER VENT
- 3 REMOVE EXISTING CANOPY. PROPERLY REPAIR DAMAGED BRICK.
- 4 REMOVE EXISTING ROOFING MATERIALS. INSPECT EXISTING WOODEN ROOF DECK AND REPLACE ANY DAMAGED AREAS. PROPERLY CLEAN AND PREPARE EXISTING ROOF DECK AND PARAPET WALLS TO RECEIVE NEW ROOFING.
- 5 REMOVE EXISTING PROTECTIVE COVERINGS OVER WINDOWS OR DOORS AND REMOVE EXISTING EXTERIOR DOORS, DOOR FRAMES, & WINDOW UNITS. PREPARE OPENINGS TO RECEIVE NEW ITEM TO BE INSTALLED.
- 6 CREATE OPENING FOR ROLL-UP DOOR AND PASSAGE DOOR AND REQUIRED LINTELS. FIELD VERIFY EXISTING CONDITIONS AND ENSURE NEW OPENINGS ARE LOCATED RELATIVE TO NEW FINISHED FLOOR ELEVATION. PROPERLY SUPPORT EXISTING MASONRY AS REQUIRED PRIOR TO REMOVING SECTION OF WALL FOR NEW OPENING - SEE STRUCTURAL DRAWINGS
- 7 DEMOLISH ENTIRE WALL UP TO BOTTOM OF ROOF STRUCTURE INCLUDING MASONRY WALL AND STOREFRONT CURTAIN WALL SYSTEM AND FINISH NEWLY EXPOSED SURFACES REMAINING TO MATCH ADJACENT SURFACES
- 8 REMOVE PORTION OF EXISTING SOUTH WALL AS REQUIRED TO INSTALL NEW PAIR OF DOORS AND FRAME AND REQUIRED LINTEL - SEE STRUCTURAL DRAWINGS
- 9 REMOVE EXISTING AND PREP FOR NEW DOOR OR WINDOW AND FRAME
- 10 REWORK EXISTING DOWNSPOUTS TO DISCHARGE ON NEW ROOF - SEE A-401
- 11 CUT LADDER RUNGS OFF FLUSH WITH WALL
- 12 REMOVE EXISTING GUTTER AND DOWNSPOUTS
- 13 REMOVE PORTION OF EXISTING ROOF AND ROOF FRAMING
- 14 PROVIDE ALTERNATE 1 BID LINE ITEM (SEE G-001) TO DEMOLISH EXISTING DOOR & FRAME AND PORTION OF EXISTING WALL AS REQUIRED TO INSTALL NEW PAIR OF DOORS AND FRAME AND REQUIRED LINTEL (SEE STRUCTURAL DRAWINGS) VERSUS THE DEMOLITION REQUIREMENTS LISTED IN 7 ABOVE.



Since 1980  
Architects • Engineers • Landscape Architects

**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**

AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-5756 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLACROK.P.COM

**CLIENT:** AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901

**PROJECT NAME:** AUGUSTA MUSEUM OF HISTORY

**PROJECT LOCATION:** 660 REYNOLDS ST., AUGUSTA, GA 30901



NO.	DATE	BY	DESCRIPTION
1	12/16/22	WLD	ISSUED FOR CONSTRUCTION
0	08/03/22	WLD	ISSUED FOR CONSTRUCTION

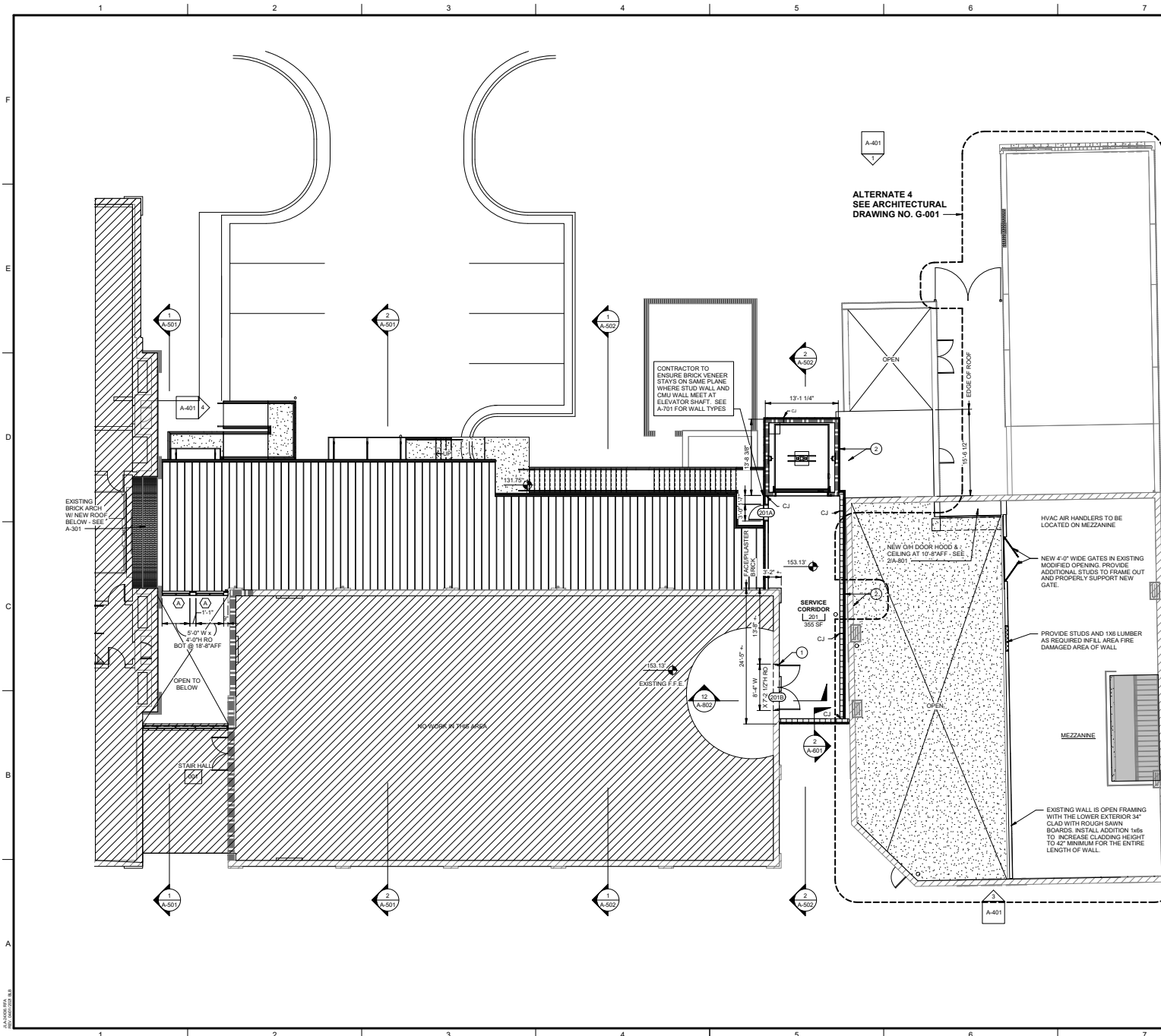
PROJECT NO: 3042-2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022

SHEET TITLE:  
**EXISTING DEMOLITION EXTERIOR ELEVATIONS**

SCALE: AS NOTED  
DRAWING NO: **AD401**  
REV: 1

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and any disclosure or use of the information contained herein without the express written consent of Johnson, Laschober & Associates, P.C. is strictly prohibited.





**GRAPHIC SYMBOLS**

**DRAWING LOCATION ON SHEET GRID**  
DRAWING NAME  
**View Name**  
SCALE: 1/8" = 1'-0"  
DRAWING SCALE  
SHEET IDENTIFIER FOR LOCATION OF DETAIL

**BUILDING ELEVATION KEY**  
ELEVATION LOCATION ON SHEET GRID  
SHEET IDENTIFIER FOR LOCATION OF ELEVATION  
DIRECTION OF ELEVATION

**REVISION INDICATION** CONTROL JOINT  
REVISION NUMBER CONTROL JOINT

**AREA REVISED** TYPICAL DIMENSION INDICATOR  
9 1/2"

**DOOR NUMBER** FLOOR ELEVATION  
SEE A-101 & A-105 01 FLOOR  
GLASS TYPE ROOM NAME AND AREA  
SEE A-701 L 151 J 150 SF

**SECTION KEYS**  
DIRECTION OF SECTION BUILDING SECTION LOCATION ON SHEET GRID  
SHEET IDENTIFIER FOR LOCATION OF SECTION  
DIRECTION OF SECTION WALL SECTION LOCATION ON SHEET GRID  
TERMINATION OF SECTION SHEET IDENTIFIER FOR LOCATION OF SECTION

**INTERIOR ELEVATION KEY**  
ELEVATION LOCATION ON SHEET GRID  
SHEET IDENTIFIER FOR LOCATION OF ELEVATION  
DIRECTION OF ELEVATION

**NO WORK**

**WALL LEGEND**

**DIMENSION NOTES**

**KEYNOTES**

Since 1980  
Architects • Engineers • Landscape Architects  
JOHNSON, LASCHOBER & ASSOCIATES, P.C.  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9750 • TEL (843) 639-4636  
FAX (706) 724-3895  
WWW.THEJLACORP.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: AUGUSTA MUSEUM OF HISTORY

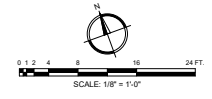
PROJECT LOCATION: 660 REYNOLDS ST., AUGUSTA, GA 30901

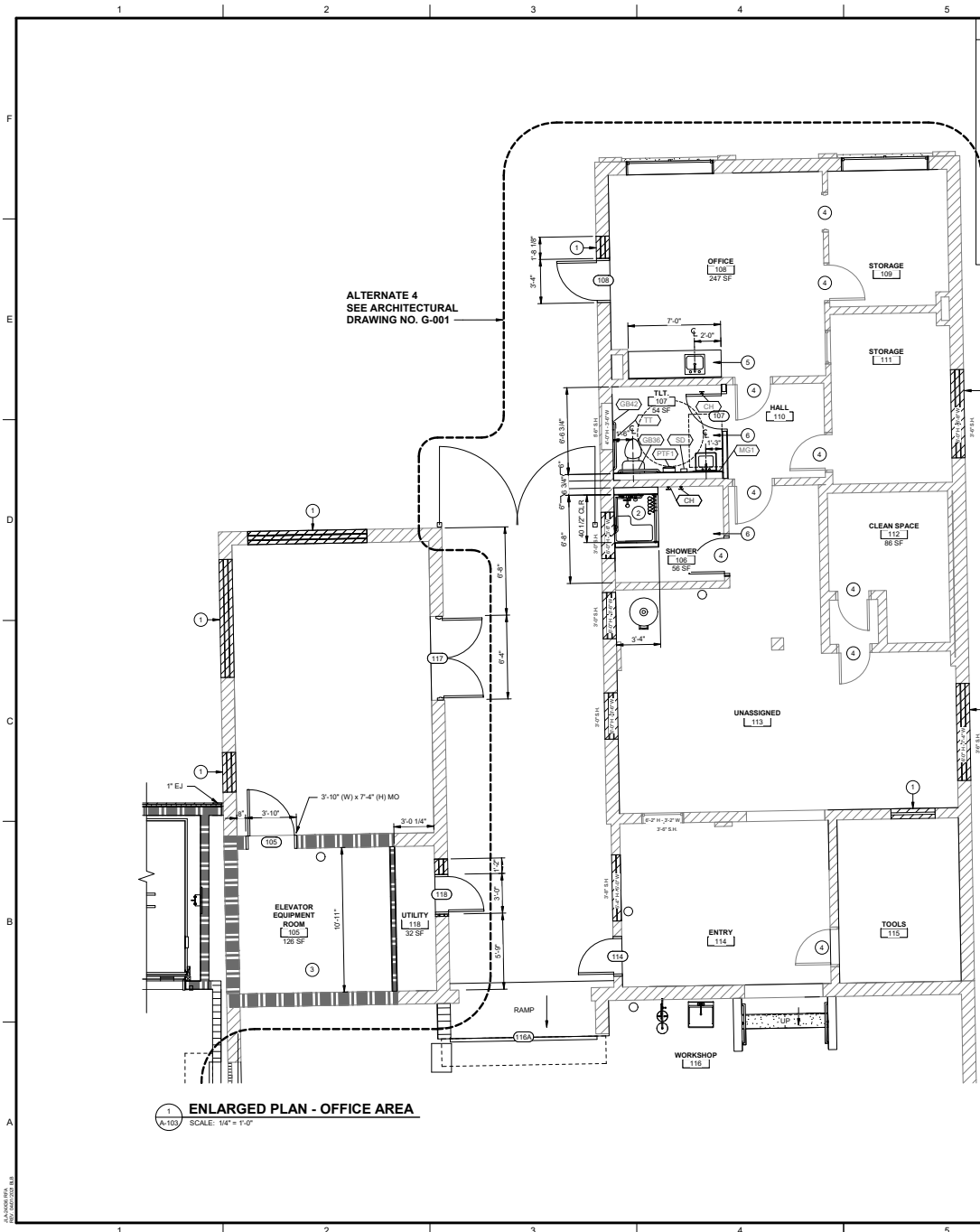
GEORGIA  
JOHNSON, LASCHOBER & ASSOC., P.C.  
No. 12106  
EXPIRES 12/31/2025  
STATE OF GEORGIA

NO.	REV.	DATE	BY	DESCRIPTION
1	12/19/23	WLD	ISSUED FOR CONSTRUCTION	
0	08/03/22	WLD	ISSUED FOR CONSTRUCTION	

PROJECT NO: 3042-2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022  
SHEET TITLE: FLOOR PLAN - SECOND FLOOR

SCALE: AS NOTED  
DRAWING NO: A-102  
REV: 1





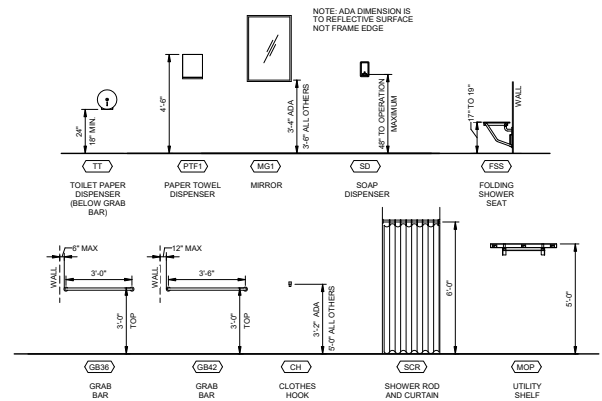
**ENLARGED PLAN - OFFICE AREA**  
SCALE: 1/4" = 1'-0"

- KEY NOTES**
1. FILL EXISTING OPENING WITH BRICK VENEER - SEE WALL TYPE 1A / A-703 & S-DRAWINGS FOR DETAILS
  2. PROVIDE PREMANUFACTURED SHOWER SURROUND WITH BOTTOM EQUAL TO MODEL "APF0387BSP-RSF ADA TRANSFER SHOWER" AS MANUFACTURED BY FREEDOM SHOWERS (WWW.FREEDOMSHOWERS.COM) WITH THE FOLLOWING OPTIONAL ACCESSORIES: COLLAPSIBLE WATER RETAINER, FOLDING SHOWER SEAT, CALCULUS DRAIN, GRAB BARS, SHOWER ROD & CURTAIN, PRESSURE BALANCE VALVE WITH HAND-HELD SHOWER AND SLIDE BAR.
  3. EXISTING MULTIPLY THE BRICK WALL PROVIDES MORE THAN THE REQUIRED 1 HOUR RATING. PROPERLY PROTECT ALL WALL PENETRATIONS AND INSTALL FIRE RATED SEALANT AS REQUIRED. (NOTE: 3/8 INCHES OF SOLID BRICK CARRIES A 2-HR. RATING.)
  4. EXISTING DOOR AND/OR DOOR FRAME
  5. ROUGH-IN PLUMBING FOR FUTURE SINK IN FUTURE BASE CABINET SUPPLIED BY OWNER.
  6. ROOMS 107 (TOILET) AND 108 (SHOWER) ARE TO BE COMPLETELY RENOVATED WITH NEW FLOOR, WALLS, AND CEILING FINISHED MATERIALS - SEE FINISHED SCHEDULE ON A-502.

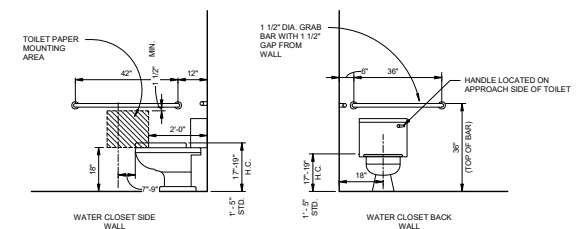
**ACCESSORY SCHEDULE** NOTE: ALL ACCESSORIES TO HAVE MAX PROJECTION OF 4"

KEY	ACCESSORY DESCRIPTION	BOBRICK NO. / ASI NO. *	MOUNTING HEIGHT
TT	SURFACE MOUNTED JUMBO ROLL TISSUE DISPENSER	ASI 0042	BOTTOM OF UNIT - 1'-6"
PTFT	SURFACE MOUNTED PAPER TOWEL DISPENSER	ASI 0210-T	TOP OF UNIT - 4'-6" - 5'-10"
MG1	GLASS MIRROR WITH STAINLESS STEEL ANGLE FRAME 24" x 36"	ASI 0600-2436	BOTTOM OF UNIT - 3'-4"
SD	SURFACE MOUNTED SOAP DISPENSER	ASH-0251	BOTTOM OF UNIT - 3'-6"
FSS	REVERSIBLE SOLID PHENOLIC FOLDING SHOWER SEAT	B-5181	TOP OF SEAT - 1'-5"
GB3B	1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-6806 x 36	TOP OF UNIT - 3'-0"
GB4Z	1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-6806 x 42	TOP OF UNIT - 3'-0"
GBSH	SHOWER 1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-68616	TOP OF UNIT - 3'-0"
CH	STAINLESS STEEL CLOTHES HOOK	B-233	CENTER OF UNIT - 3'-2" - 4'-0"
MOP	UTILITY SHELF WITH MOP / BROOM HOLDERS AND RAG HOOPS	B-224	TOP OF UNIT - 5'-0"
SCH	STAINLESS STEEL SHOWER CURTAIN HOOK	B-204-1	TOP OF UNIT - 6'-0"
SCR	STAINLESS STEEL SHOWER CURTAIN ROD WITH VINYL SHOWER CURTAIN	B-207 B-204-3	TOP OF UNIT - 1'-8"
WR	WASTE RECEPTACLE	AJW 1450-2 SURFACE MOUNTED BY AJW ARCHITECTURAL PRODUCTS	TOP OF UNIT - 36"

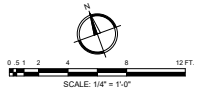
\* CONTRACTOR TO PROVIDE BOBRICK, OR ASI ACCESSORY AS NOTED OR APPROVED EQUAL



**TOILET ACCESSORIES - MOUNTING HEIGHTS**  
SCALE: 3/8" = 1'-0"



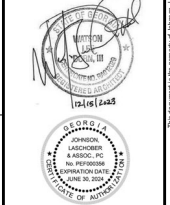
**STANDARD TOILET FIXTURE AND ACCESSORY MOUNTING HEIGHTS**  
SCALE: 1/2" = 1'-0"



CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

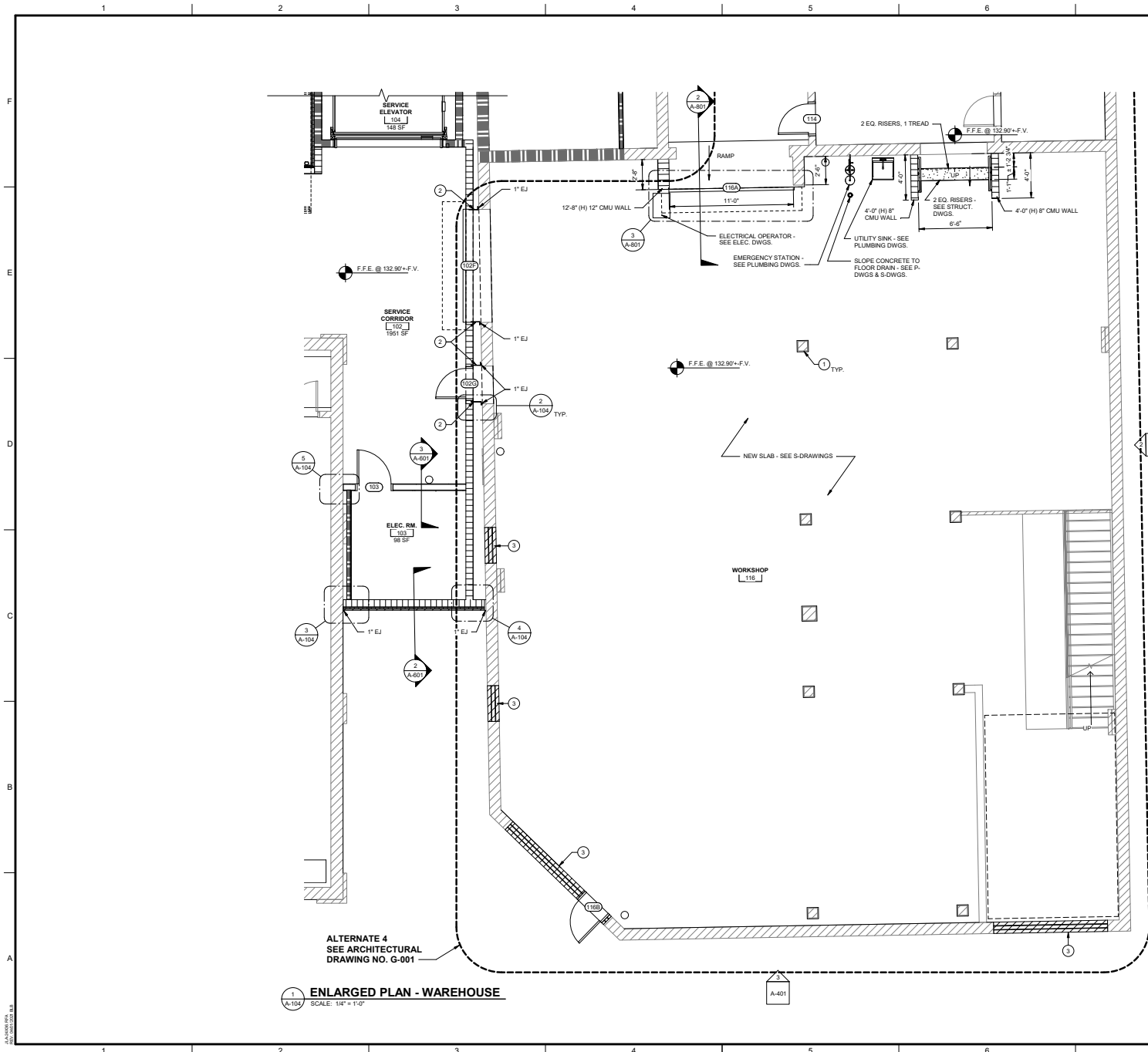
PROJECT LOCATION: **660 REYNOLDS ST., AUGUSTA, GA 30901**



NO.	DATE	BY	DESCRIPTION
1	12/1/2022	WLD	ISSUED FOR CONSTRUCTION
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION

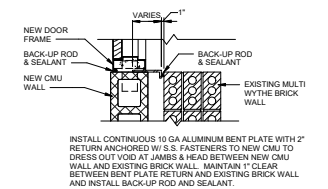
PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022  
SHEET TITLE: **ENLARGED PLAN - OFFICE AREA**

SCALE: AS NOTED  
DRAWING NO: **A-103**  
REV: **1**

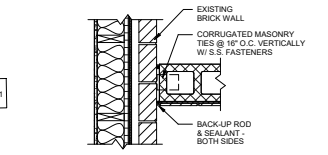


**1**  
A-104  
ENLARGED PLAN - WAREHOUSE  
SCALE: 1/4" = 1'-0"

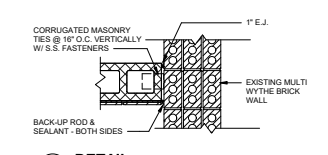
- KEYNOTES**
- 1 WRAP EXISTING WOOD COLUMN WITH ALUMINUM SHEET METAL FROM EXISTING FINISHED FLOOR UP TO NEW FINISHED FLOOR ELEVATION TO KEEP CONCRETE FROM BEING IN DIRECT CONTACT WITH WOOD. SEE S-DRAWINGS FOR PEI REQUIREMENTS, TYPICAL.
  - 2 CLOSE OFF CAVITY BETWEEN NEW AND EXISTING AT HEAD & JAMBS W/ 10 GA ALUMINUM BENT PLATE ANCHORED TO NEW CMU - SEE 2A-104. PROVIDE 1" EXPANSION JOINT AT FACE OF EXISTING BUILDING. INSTALL BACK-UP ROD & SEALANT IN 1" EJ.
  - 3 INFILL EXISTING OPENING - SEE WALL TYPE 1 & S-DRAWINGS FOR DETAILS. SET FACE OF THIN BRICK 1" BACK FROM EXTERIOR FACE OF EXISTING BRICK. INSTALL BACK-UP ROD AND SEALANT BETWEEN EXISTING OPENING AND NEW INFILL AT BOTH INTERIOR AND EXTERIOR SURFACES.



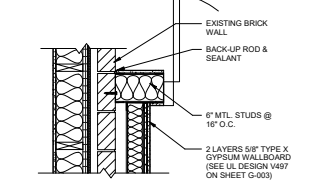
**2**  
A-104  
DETAIL  
SCALE: 1" = 1'-0"



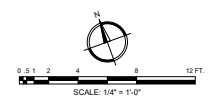
**3**  
A-104  
DETAIL  
SCALE: 1" = 1'-0"



**4**  
A-104  
DETAIL  
SCALE: 1" = 1'-0"



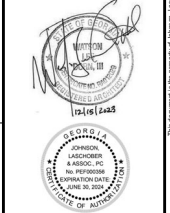
**5**  
A-104  
DETAIL  
SCALE: 1" = 1'-0"



CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **660 REYNOLDS ST., AUGUSTA, GA 30901**

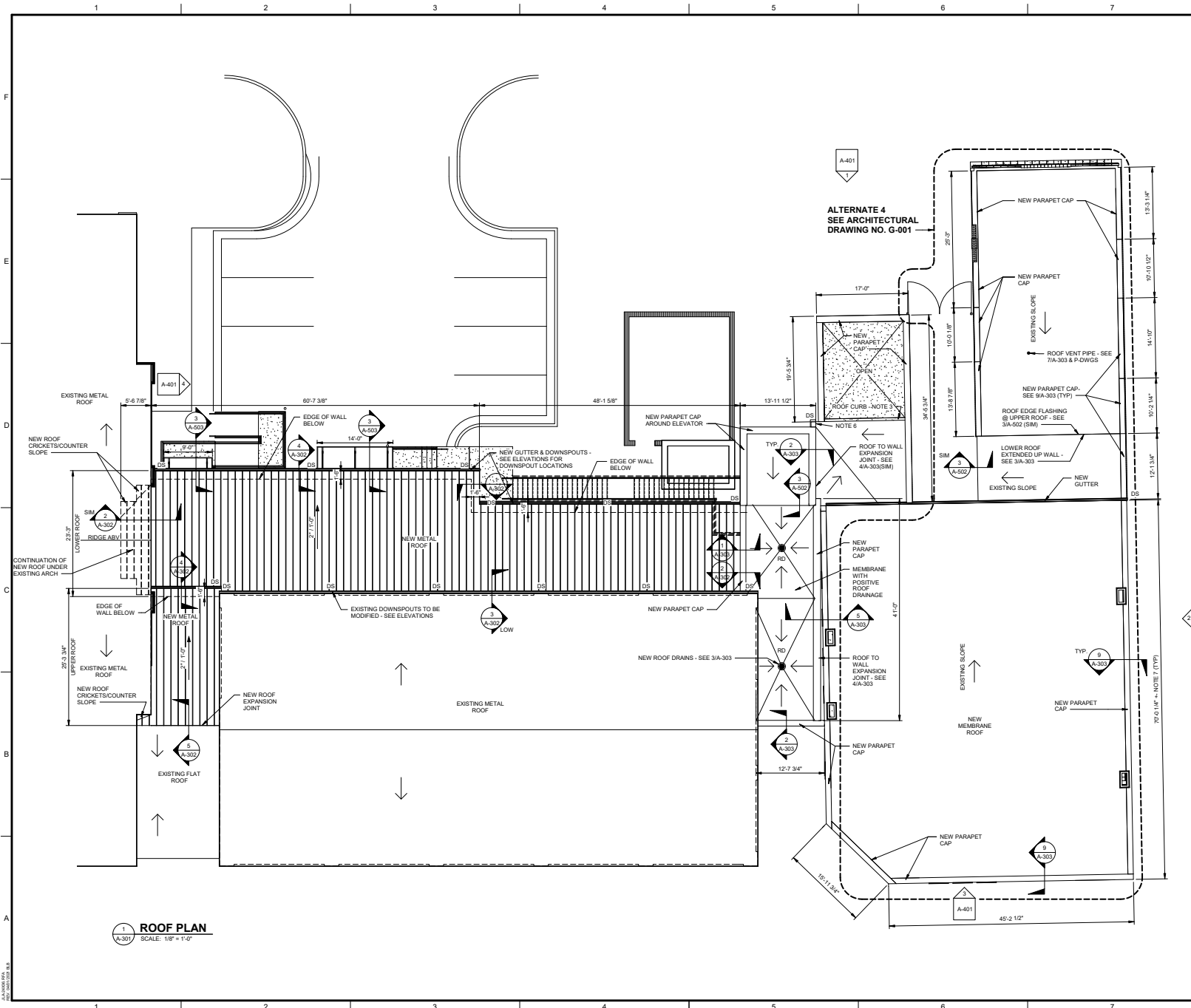


NO.	REV.	DATE	BY	DESCRIPTION
1	12/16/22	WLD	ISSUED FOR CONSTRUCTION	
0	08/03/22	WLD	ISSUED FOR CONSTRUCTION	

PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022  
SHEET TITLE:  
**ENLARGED PLAN - WAREHOUSE**

SCALE: AS NOTED  
DRAWING NO: **A-104**  
REV: **1**





**NOTES**

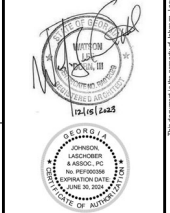
1. DIMENSIONS BASE FROM PLAN DIMENSIONS AND SHALL BE FIELD VERIFIED PRIOR ORDERING ANY ROOFING MATERIALS.
2. AFTER DEMOLITION OF EXISTING ROOFING SYSTEMS REPAIR DAMAGED AREAS OF ROOF DECK AND PROPERLY CLEAN ROOF PRIOR TO INSTALLATION OF NEW ROOFING SYSTEMS.
3. ROOF CURB - 6" PT 2X6 ROOF CURB. EXTEND ROOFING OVER CURB AND DOWN EXTERIOR CURB FACE. INSTALL METAL CAP - SEE 1A-303 (SM).
4. SEE A-303 FOR PARAPET CAP DETAILS.
5. DUE TO COMPLEX WATERPROOF INSTALLATION REQUIREMENTS, A ROOFING PRECONSTRUCTION MEETING IS REQUIRED.
6. ROOF EDGE FLASHING WITH 18" W x 12" FRONT-TO-BACK LEADHEAD AND DOWNSPOUT TO SPLASHBLOCK AT GRADE - SEE 3/A-302 (SM).
7. ALL DIMENSIONS TO EXISTING ITEMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
8. ALL MEMBRANE ROOFING SHALL HAVE A MINIMUM R-25 RIGID INSULATION UNDERLAYMENT AND A MINIMUM OF 1/8" PER FOOT FINISHED SLOPE - SEE A-303.



CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
 600 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **600 REYNOLDS ST., AUGUSTA, GA 30901**



NO.	REV.	DATE	BY	DESCRIPTION
1	12/1/2022	WLD	ISSUED FOR CONSTRUCTION	
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION	

PROJECT NO: 30422-2103  
 DRAWN BY: CTH  
 CHECKED BY: WLD  
 DATE: 08/03/2022

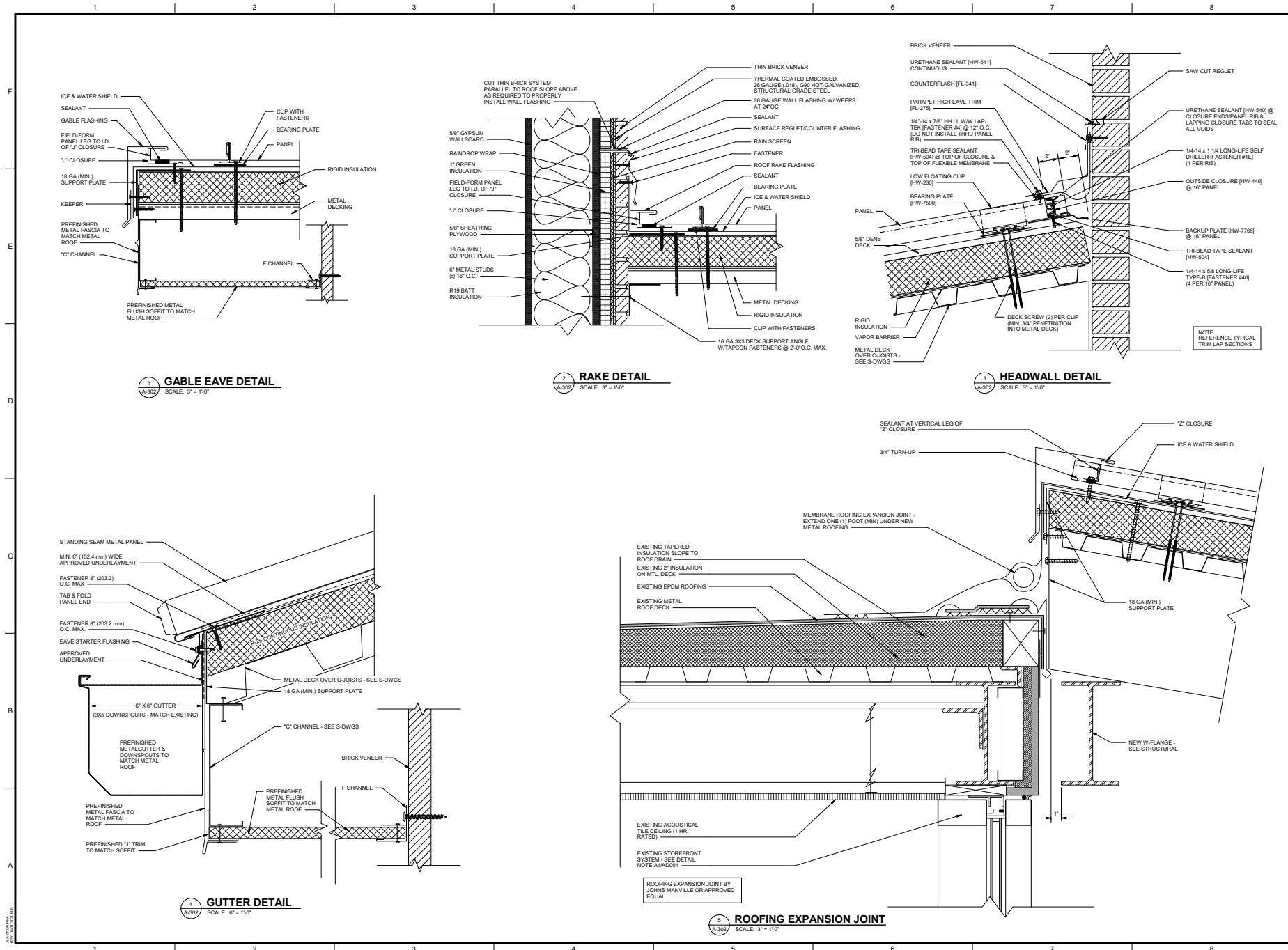
**ROOF PLAN**

SCALE: AS NOTED

DRAWING NO: **A-301**

REV: **1**

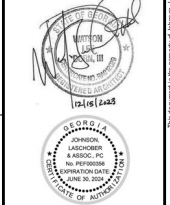
This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and its use for any other project or organization may be subject to litigation.



CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
600 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **600 REYNOLDS ST., AUGUSTA, GA 30901**



NO.	REV.	DATE	BY	DESCRIPTION
1	1/21/2022	WLD	ISSUED FOR CONSTRUCTION	
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION	

PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022

SHEET TITLE:  
**METAL ROOF DETAILS**

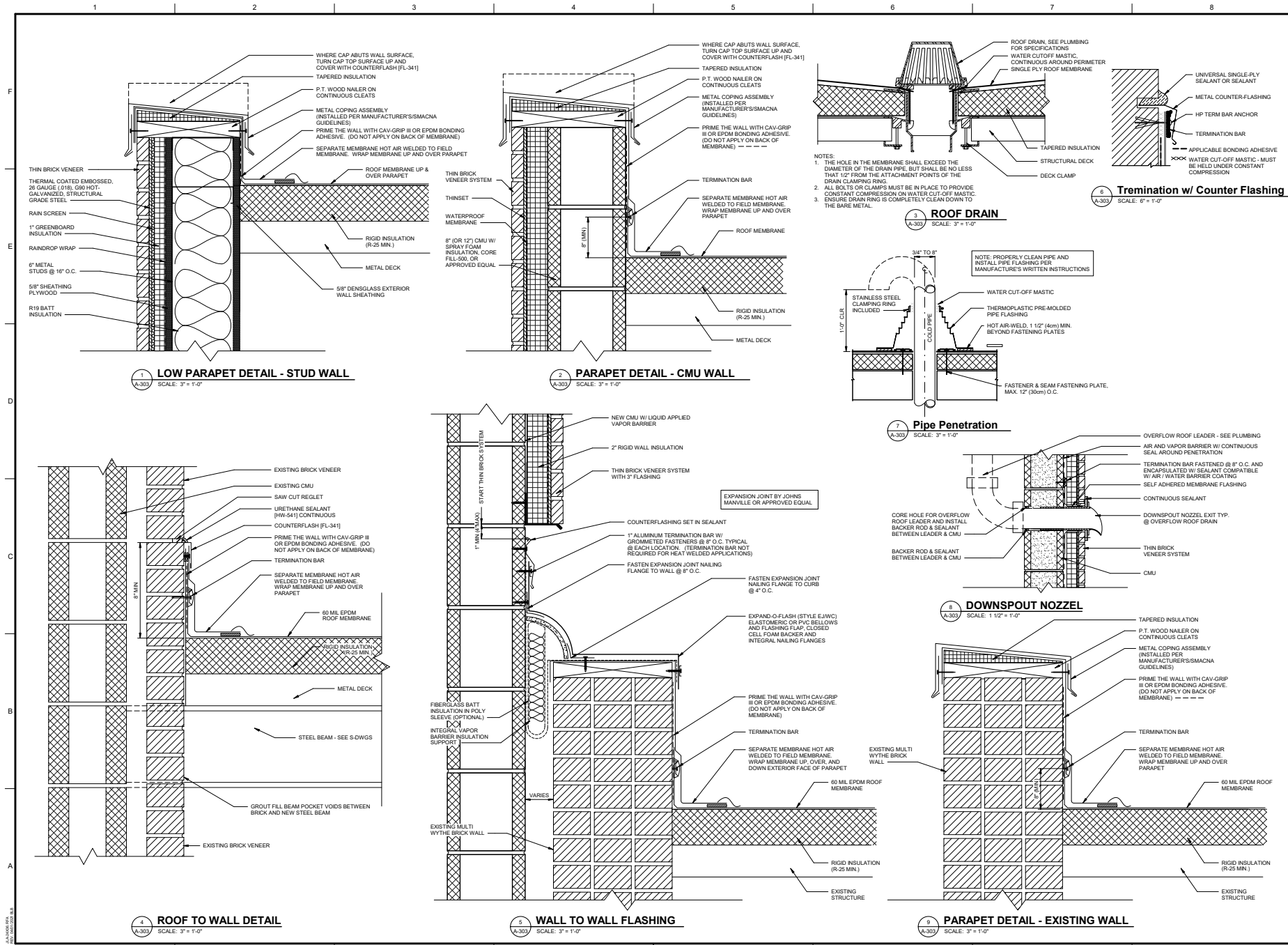
SCALE: AS NOTED

DRAWING NO: **A-302**

REV: **1**

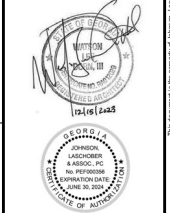
This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and its use for any purpose other than that intended by Johnson, Laschober & Associates, P.C. is prohibited.





**JOHNSON, LASCHNER & ASSOCIATES, P.C.**  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL (706) 724-9750 • TEL (843) 659-4656  
 FAX (706) 724-3895  
 WWW.THEJLACROK.P.COM

**AUGUSTA MUSEUM OF HISTORY**  
 160 REYNOLDS ST., AUGUSTA, GA 30901



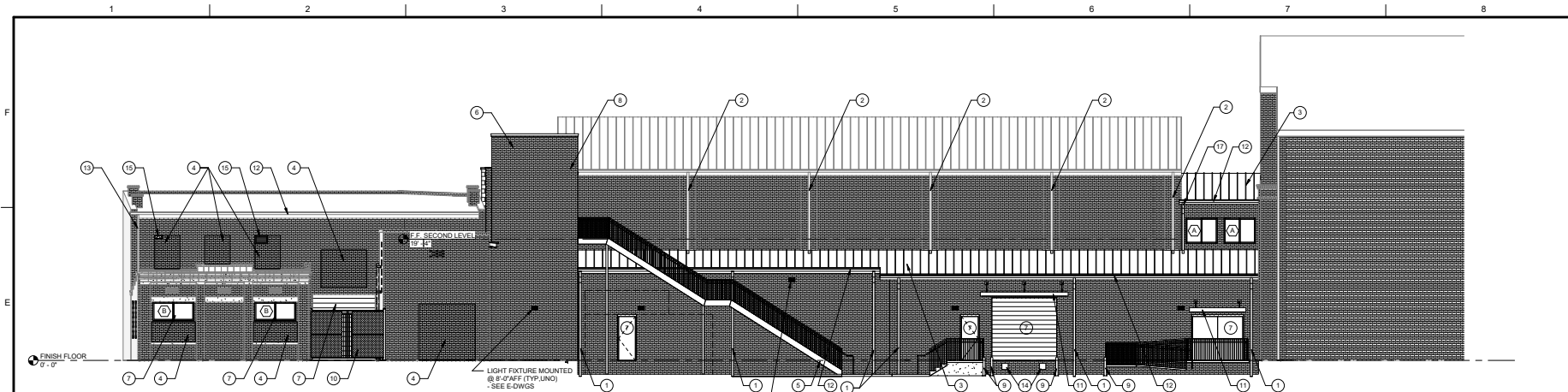
NO.	DATE	BY	DESCRIPTION
1	12/11/2023	WLD	ISSUED FOR CONSTRUCTION
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
 DRAWN BY: CTH  
 CHECKED BY: WLD  
 DATE: 08/03/2022

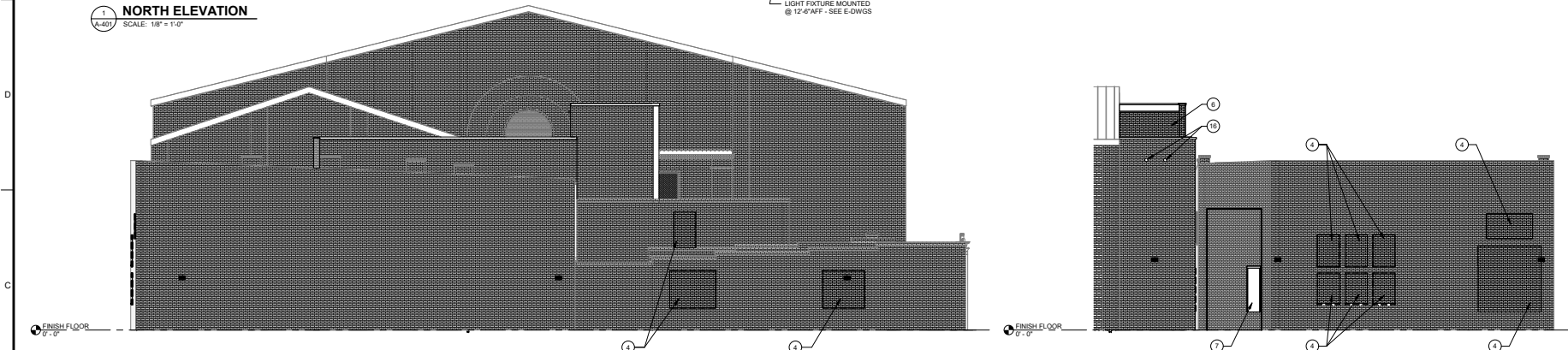
**MEMBRANE ROOF DETAILS**

SCALE: AS NOTED  
 DRAWING NO: **A-303**  
 REV: **1**

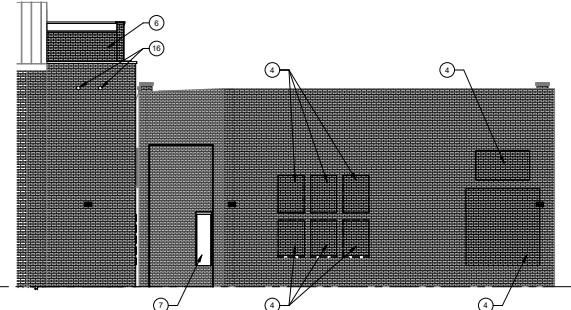
This document is the property of Johnson, Laschner & Associates, P.C. Transmission, reproduction, copying or reuse of any part of this document without the written permission of Johnson, Laschner & Associates, P.C. is prohibited.



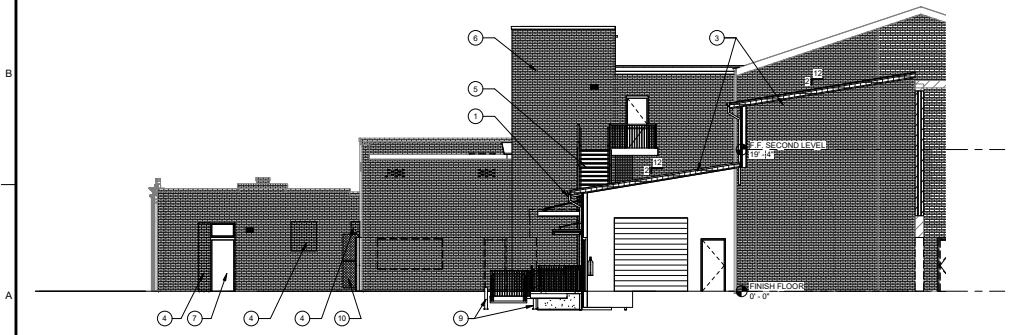
**1 NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"



**2 EAST ELEVATION**  
SCALE: 1/8" = 1'-0"



**3 SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"



**4 WEST ELEVATION**  
SCALE: 1/8" = 1'-0"

SEE PLANS FOR CONTROL AND EXPANSION JOINT LOCATIONS  
AFTER INSTALLATION OF ALL DOORS, WINDOWS, ROOFING, AND ALL EXTERIOR MASONRY WORK IS COMPLETED, PROPERLY CLEAN BUILDING AND APPLY WATER REPELLANT PER SPEC. 071900.

**EXTERIOR ELEVATION KEY NOTES**

- 1 NEW DOWNSPOUTS - CONNECT NEW DOWNSPOUTS TO UNDERGROUND STORM DRAIN. COORDINATE WITH CIVIL DRAWINGS.
- 2 EXISTING DOWNSPOUTS - MODIFY EXISTING DOWNSPOUTS TO DISCHARGE ONTO NEW LOWER ROOF.
- 3 NEW STANDING SEAM METAL ROOF
- 4 INFILL DOOR OR WINDOW OPENING WITH THIN BRICK AND STUD WALL - SEE WALL TYPE 1 (A-701). INSTALL ALUMINUM SILL FLASHING WITH A HEMMED DRIP EDGE AND A 1/4" DAM AT INTERIOR. SET SILL FLASHING IN A FULL BED OF SEALANT PRIOR TO INFILL WALL PANEL.
- 5 NEW STAIRS - SEE A-503
- 6 ELEVATOR SHAFT - SEE A-503
- 7 NEW DOORS & WINDOWS - SEE PLANS, A-701 & A-702
- 8 REWORK EXISTING GUTTER TO DISCHARGE ON NEW ROOF
- 9 NEW BOLLARDS - SEE C-101
- 10 NEW GATE - SEE C-DWGS
- 11 NEW CANOPY - SEE 3/A-503
- 12 NEW GUTTER - SEE 3/A-302
- 13 NEW DOWNSPOUT TO NEW CONCRETE SPLASHBLOCK AT GRADE
- 14 NEW LOADING DOCK BUMPERS - SEE SPECIFICATIONS
- 15 NEW HVAC LOUVERS - COORDINATE OPENING REQUIREMENTS WITH SELECTED MANUFACTURER. PROVIDE ALL REQUIRED MOUNTING HARDWARE, TRIM, AND FLASHING TO PROVIDE A WATER TIGHT INSTALLATION - SEE SIMILAR DETAILS ON A-702.
- 16 EMERGENCY OVERFLOW DOWNSPOUT NOZZEL - SEE 8/A-303 & P-DWGS.
- 17 NEW DOWNSPOUT WITH DISCHARGE ONTO NEW LOWER ROOF.



Since 1980  
Architects • Engineers • Landscape Architects

**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL: (706) 724-9756 • TEL: (843) 639-4656  
FAX: (706) 724-3895  
WWW.THEJLACORP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
860 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **860 REYNOLDS ST., AUGUSTA, GA 30901**



REV	DATE	BY	DESCRIPTION
1	12/16/2015	WLD	ISSUED FOR CONSTRUCTION
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION

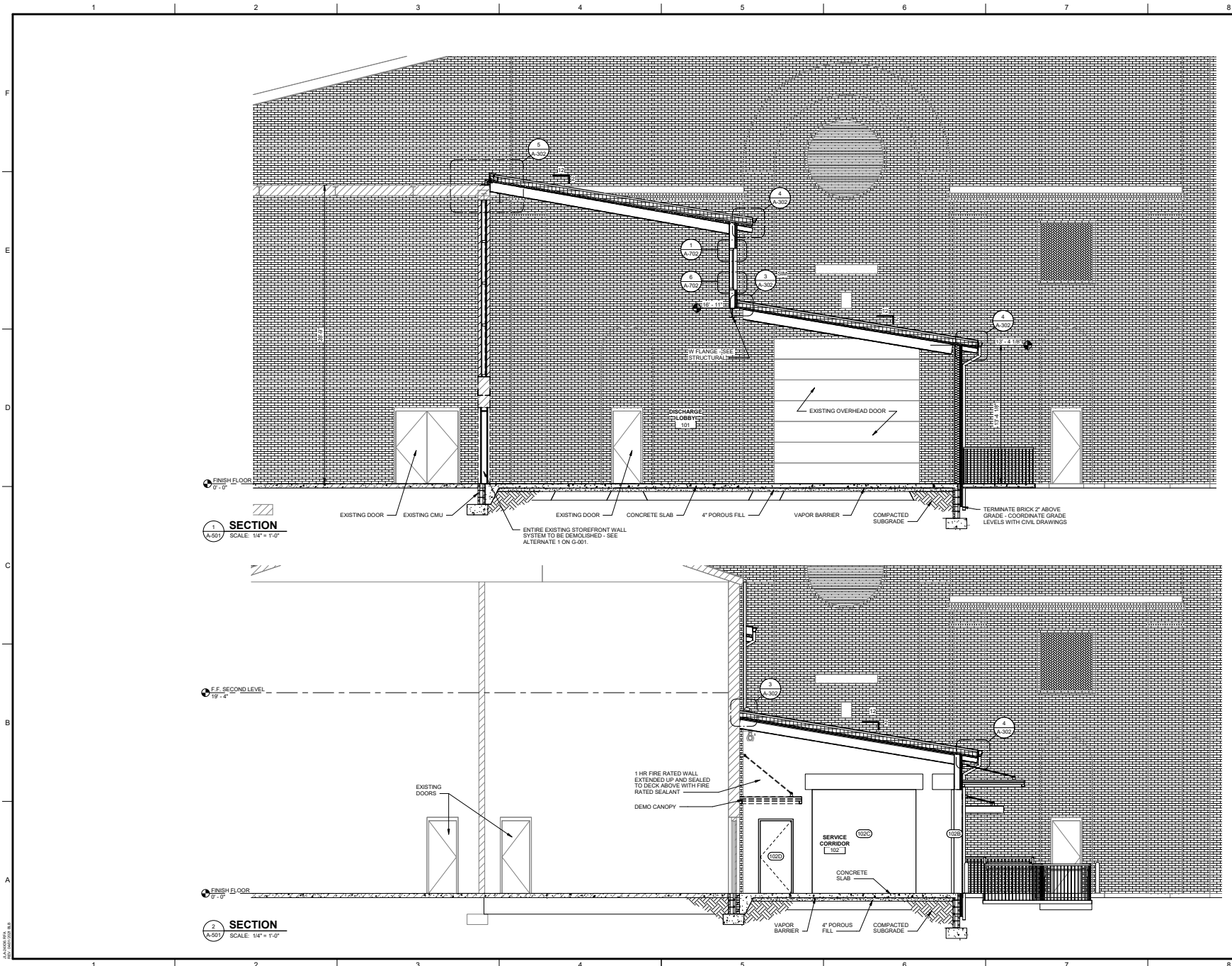
PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022

SHEET TITLE:  
**EXTERIOR ELEVATIONS**

SCALE: AS NOTED

DRAWING NO: **A-401** REV: **1**

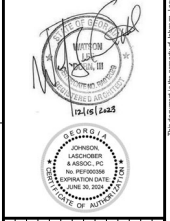
This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and its use for any other project without the express written consent of Johnson, Laschober & Associates, P.C. is strictly prohibited.



CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
 600 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **600 REYNOLDS ST., AUGUSTA, GA 30901**



NO.	DATE	BY	DESCRIPTION
1	12/1/23	WLD	ISSUED FOR CONSTRUCTION
0	08/03/22	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103

DRAWN BY: CTH

CHECKED BY: WLD

DATE: 08/03/2022

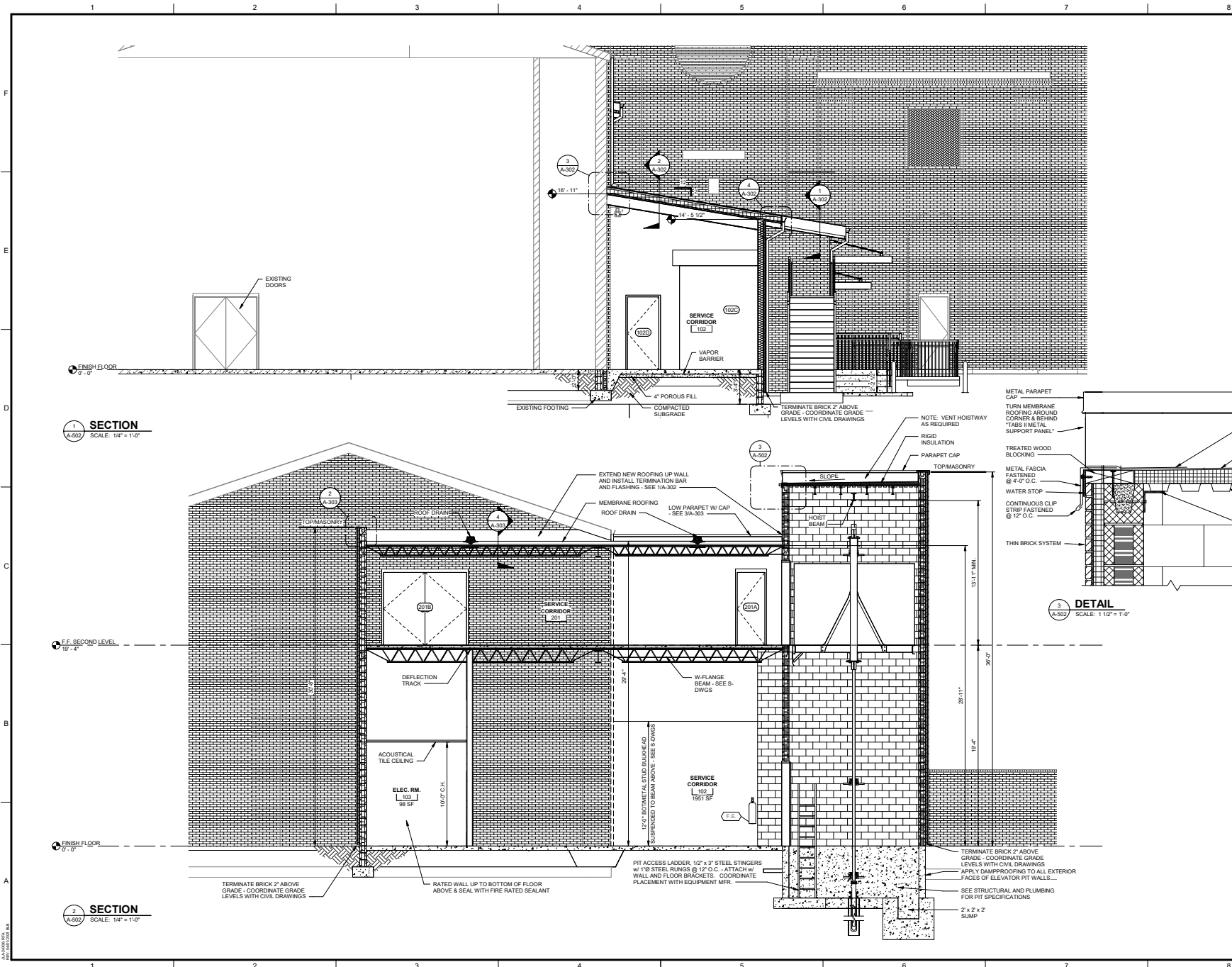
SHEET TITLE: **BUILDING SECTIONS**

SCALE: AS NOTED

DRAWING NO: **A-501**

REV: **1**

This document is the property of Johnson, Laschober & Associates, P.C. The reproduction, copying or dissemination of this document's work product, and any proprietary information may be subject to litigation.



**SECTION 1**  
SCALE: 1/4" = 1'-0"

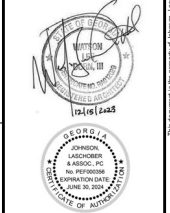
**SECTION 2**  
SCALE: 1/4" = 1'-0"

**DETAIL 3**  
SCALE: 1 1/2" = 1'-0"



Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9756 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLACORP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
600 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**  
PROJECT LOCATION: **600 REYNOLDS ST., AUGUSTA, GA 30901**



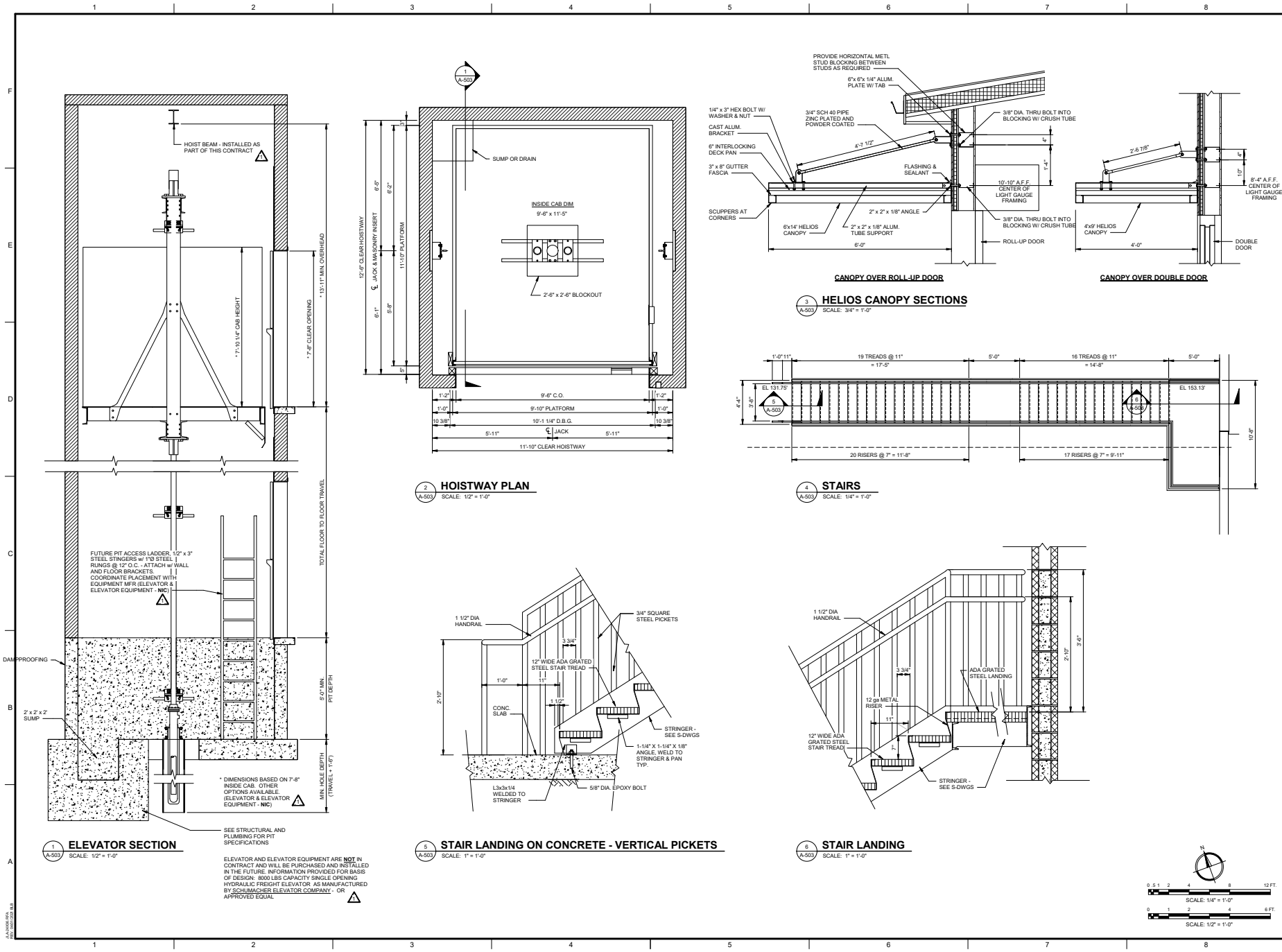
NO.	DATE	BY	DESCRIPTION
1	12/16/2022	WLD	ISSUED FOR CONSTRUCTION
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022

SHEET TITLE: **BUILDING SECTIONS**

SCALE: AS NOTED  
DRAWING NO: **A-502**  
REV: 1

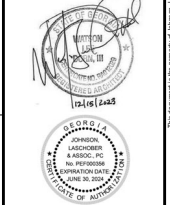
This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and its use for any other project without the express written consent of Johnson, Laschober & Associates, P.C. is strictly prohibited.



CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **660 REYNOLDS ST., AUGUSTA, GA 30901**

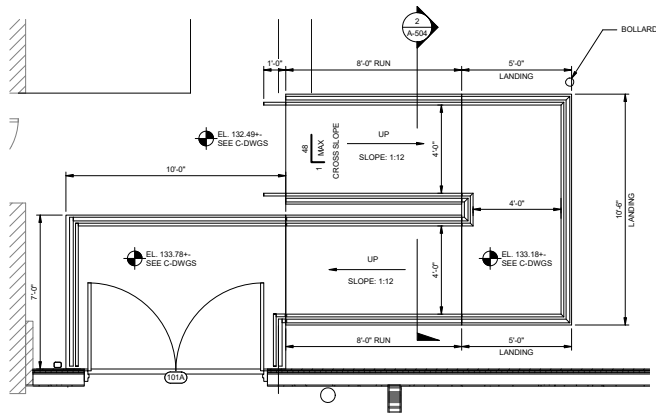


NO.	DATE	BY	DESCRIPTION
1	1/21/2023	WLD	ISSUED FOR CONSTRUCTION
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION

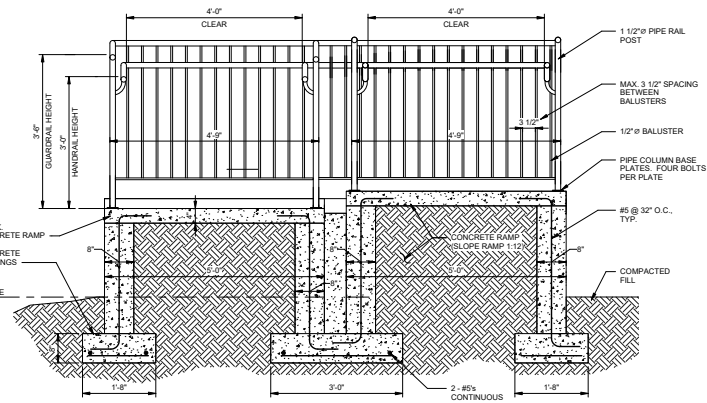
PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022  
SHEET TITLE: **ELEVATOR & STAIR PLANS & SECTIONS**

SCALE: AS NOTED  
DRAWING NO: **A-503**  
REV: **1**

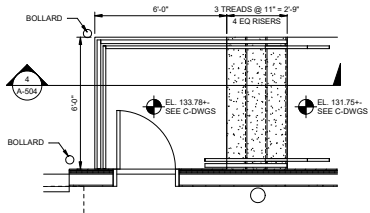
This document is the property of Johnson, Laschober & Associates, P.C. Transmission or reproduction, copying or otherwise of this document without the written consent of Johnson, Laschober & Associates, P.C. is prohibited.



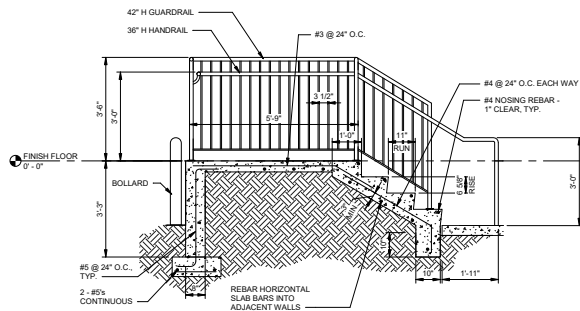
1 FRONT RAMP  
SCALE: 3/8" = 1'-0"



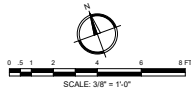
2 SECTION  
SCALE: 3/4" = 1'-0"



3 FRONT STAIRS  
SCALE: 3/8" = 1'-0"

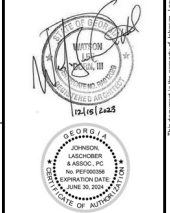


4 SECTION  
SCALE: 1/2" = 1'-0"



Since 1980  
Architects • Engineers • Landscape Architects  
JOHNSON, LASCHOBOR & ASSOCIATES, P.C.  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9756 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLAGROUP.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME: AUGUSTA MUSEUM OF HISTORY  
PROJECT LOCATION: 660 REYNOLDS ST., AUGUSTA, GA 30901



REV	DATE	BY	DESCRIPTION
1	12/1/22	WLD	ISSUED FOR CONSTRUCTION
0	08/03/22	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022

SHEET TITLE:  
**EGRESS STAIRS AND RAMP**

SCALE: AS NOTED  
DRAWING NO: **A-504**  
REV: 1

This document is the property of Johnson, Laschober & Associates, P.C. Transmission or reproduction, copying or otherwise of this document without the written permission may be subject to litigation.



### FINISH LEGEND

ACT: ACoustical CEILING TILE	RB: RUBBER / VINYL BASE
CCNC: CONCRETE	RF: RUBBER FLOOR
CF: CARPET	RK: RUBBER ROISING
CT: CERAMIC TILE	RT: RUBBER TILE
CTB: CERAMIC TILE BASE	SC: SEALED CONCRETE
CWT: CERAMIC WALL TILE	SS: SOLID SURFACE
EPX: EPOXY FLOORING	ST: STAIN
EPC: EPOXY COATING	STC: STAMPED CONCRETE
EPP: EPOXY PAINT	SV: SHEET VINYL
ETR: EXISTING TO REMAIN	TB: TO BE DETERMINED
EXP: EXPOSED STRUCTURE	TR: TRANSITION STRIP
FRR: FIBER REINFORCED PANEL	WC: WALL COVERING
GB: GYPSUM BOARD	WOB: WOOD BASE
GT: GROUT	WOP: WOOD FLOORING
PT: PAINT	VCT: VINYL COMPOSITION TILE
PC: POLISHED CONCRETE	VP: VINYL PLANK FLOORING
PL: PLASTIC LAMINATE	VRB: VENTED RUBBER BASE

**NOTES:**

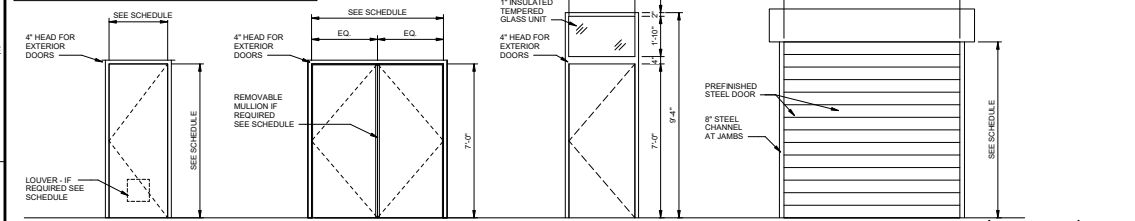
- SEE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
- PROPERLY PROTECT ADJACENT SURFACES DURING DEMOLITION AND PAINTING ACTIVITIES
- TOILET & SHOWER ROOM WALLS TO RECEIVE EPOXY WALL COATING
- PROPERLY CLEAN EXISTING BRICK WALLS - DO NOT PAINT BRICK
- PROPERLY CLEAN EXISTING WALLS

### FINISH SCHEDULE

NUMBER	NAME	FLOOR FINISH	BASE	WALL	CEILING MATERIAL	CEILING FINISH	CEILING HEIGHT	COMMENTS
101	DISCHARGE LOBBY	SC	RB	PT - NOTE 4	EXP	-	-	NOTE 4
102	SERVICE CORRIDOR	SC	RB	PT - NOTE 4	EXP	-	-	NOTE 4
103	ELEC. RM	SC	RB	PT	ACT	10'-0"	-	NOTE 4
104	SERVICE ELEVATOR	SC	RB	PT - NOTE 4	GB	PT	9'-0"	NOTE 4
105	ELEVATOR EQUIPMENT ROOM	SC	RB	PT	GB	PT	10'-3"	-
106	SHOWER	SC	RB	PT	GB	PT	10'-3"	-
107	TLT	SC	RB	PT	GB	PT	10'-3"	-
108	OFFICE	SC	RB	PT	GB	PT	10'-3"	-
109	STORAGE	SC	RB	PT	GB	PT	10'-3"	-
110	HALL	SC	RB	PT	GB	PT	10'-3"	-
111	STORAGE	SC	RB	PT	GB	PT	10'-3"	-
112	CLEAN SPACE	SC	RB	PT	GB	PT	9'-0"	-
113	UNASSIGNED	SC	RB	PT	GB	PT	10'-0"	-
114	ENTRY	SC	RB	PT	GB	PT	10'-0"	-
115	TOOLS	SC	RB	PT	GB	PT	10'-0"	-
116	WORKSHOP	SC	RB	PT	GB	PT	10'-0"	-
118	UTILITY	SC	RB	PT	GB	PT	10'-0"	-
201	SERVICE CORRIDOR	SC	RB	PT - NOTE 4	EXP	-	-	NOTE 5

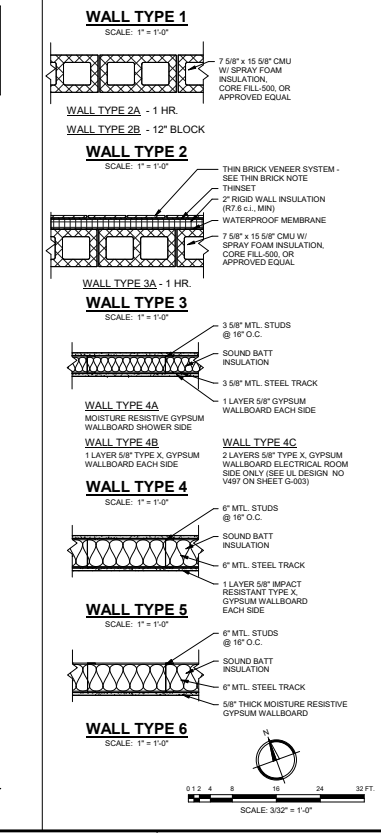
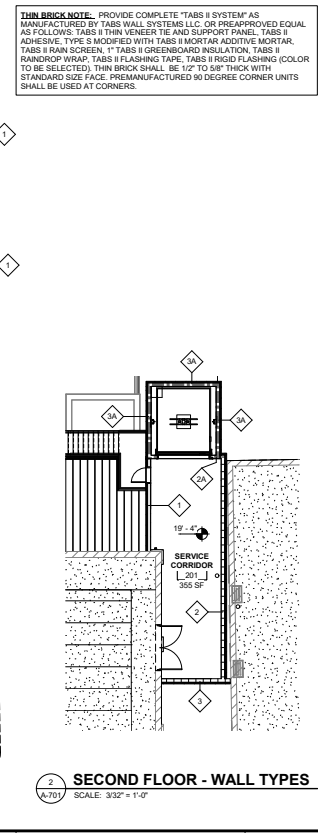
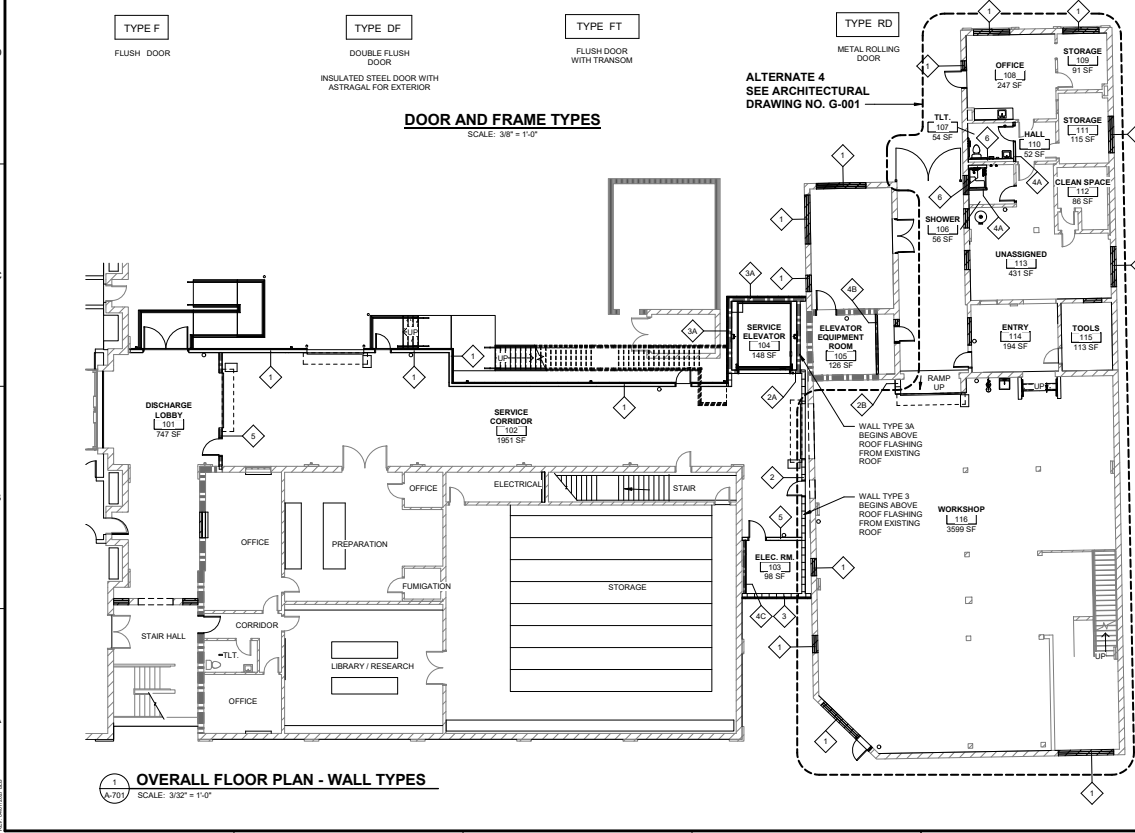
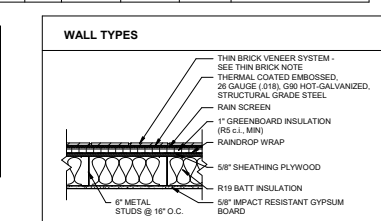
### DOOR SCHEDULE

DOOR NUMBER	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FIRE RATING	HARDWARE	FRAME MATERIAL	FINISH	COMMENTS
101A	DF	8'-0"	7'-0"	0'-1.34"	HM	PT		1	HM	PT	
101B	CO	8'-4"	7'-4"	0'-1.34"	HM	PT		2	HM	PT	CASED OPENING
102A	F	2'-8"	7'-0"	0'-1.34"	HM	PT		2	HM	PT	
102B	RD	10'-8"	10'-0"	0'-0.12"	FF	FF		45 MIN			ROLL-UP DOOR - SEE 7A-801
102C	RD	10'-10"	10'-0"	0'-0.12"	FF	FF		45 MIN			ROLL-UP DOOR - SEE 6A-801
102D	F	2'-8"	7'-0"	0'-1.34"	HM	PT		45 MIN	3	HM	PT
102E	F	2'-8"	7'-0"	0'-1.34"	HM	PT		2	HM	PT	
102F	RD	10'-10"	10'-0"	0'-0.12"	FF	FF		4	HM	PT	ROLL-UP DOOR - SEE 6A-801
102G	F	2'-8"	7'-0"	0'-1.34"	HM	PT		4	HM	PT	
103	F	3'-0"	7'-0"	0'-1.34"	HM	ST		6	HM	PT	
103B	F	3'-8"	7'-0"	0'-1.34"	HM	PT		45 MIN	6	HM	PT
106	F	2'-8"	7'-0"	0'-1.34"	HM	PT		7	HM	PT	COORDINATE WITH EXISTING OPENING
107	F	2'-8"	7'-0"	0'-1.34"	SCW	ST		8	HM	PT	
108	FT	3'-0"	7'-0"	0'-1.34"	HM	PT		2	HM	PT	W/ TRANSOM WINDOW
114	F	2'-8"	7'-0"	0'-1.34"	HM	PT		9	HM	PT	COORDINATE WITH EXISTING OPENING
116A	RD	11'-1"	10'-8"	0'-0.12"	FF	FF		2	HM	PT	ROLL-UP DOOR - SEE 1.2 & 3A-801
118B	F	2'-8"	7'-0"	0'-1.34"	HM	PT		2	HM	PT	
117	DF	8'-0"	7'-0"	0'-1.34"	HM	PT		10	HM	PT	
118	F	2'-8"	7'-0"	0'-1.34"	HM	PT		11	HM	PT	
201A	F	2'-8"	7'-0"	0'-1.34"	HM	PT		2	HM	PT	
201B	DF	8'-0"	7'-0"	0'-1.34"	HM	PT		12	HM	PT	



### DOOR LEGEND

ALUM: ALUMINUM	HM: HOLLOW METAL
CD: CASED OPENING	ID: INSULATED
EXIST: EXISTING	PT: PAINT
FF: FACTORY FINISH / STANDARD COLORS	SCW: SOLID CORE WOOD
FS: FLUSH STEEL	ST: PREFINISHED / STAINED
GL: GLASS	WD: WOOD



Since 1980  
Architects • Engineers • Landscape Architects

**JOHNSON, LASCHOB & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL: (706) 724-9766 • FAX: (706) 724-9656  
WWW.THEJLACORP.COM

---

**AUGUSTA MUSEUM OF HISTORY**  
600 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT LOCATION: 600 REYNOLDS ST., AUGUSTA, GA 30901

CLIENT: AUGUSTA MUSEUM OF HISTORY

PROJECT NO: 3042.2103

DRAWN BY: CTH

CHECKED BY: WLD

DATE: 08/03/2022

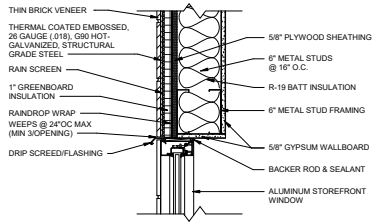
SHEET TITLE: **FINISH & DOOR SCHEDULES, DOOR TYPES, & WALL TYPES**

SCALE: AS NOTED

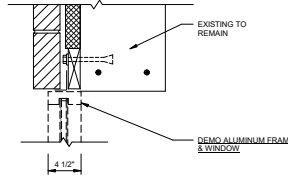
DRAWING NO: **A-701**

REV: **1**

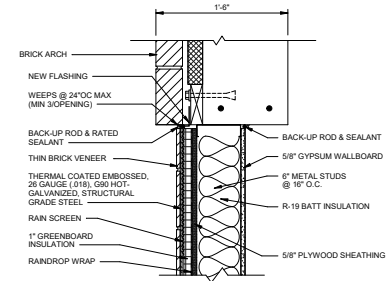




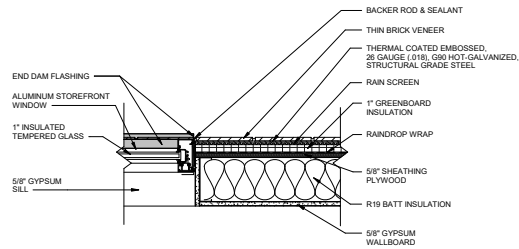
**1 HEAD DETAIL - METAL STUD**  
SCALE: 1 1/2" = 1'-0"



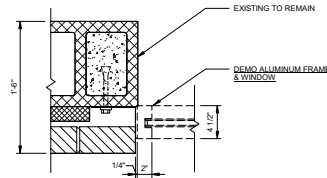
**2 DEMOLITION HEAD DETAIL**  
SCALE: 1 1/2" = 1'-0"



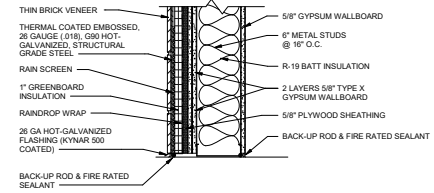
**HEAD DETAIL**  
NOTE: AT EXISTING ARCHED WINDOW IN EAST WALL OF "DISCHARGE LOBBY 101" PROVIDE 2 LAYERS OF 5/8" TYPE X GYPSUM WALLBOARD AT INTERIOR WALL SURFACE AND PROVIDE CONTINUOUS FIRE RATED SEALANT AROUND PERIMETER OF INFILL AT BOTH WALL SURFACES.



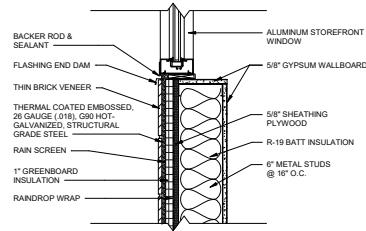
**4 JAMB DETAIL - METAL STUD**  
SCALE: 1 1/2" = 1'-0"



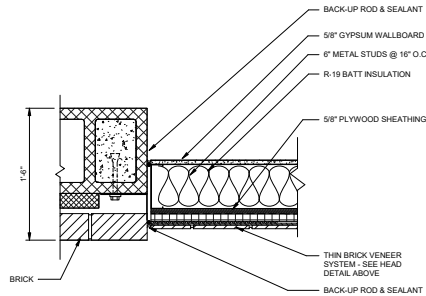
**5 DEMOLITION JAMB DETAIL**  
SCALE: 1 1/2" = 1'-0"



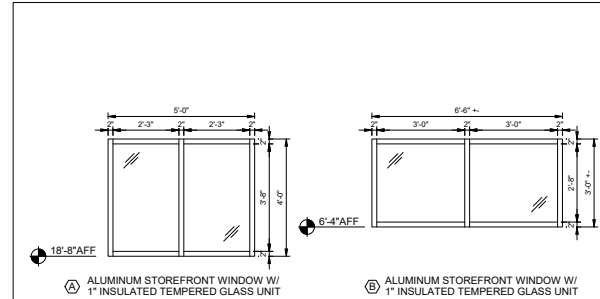
**SILL DETAIL**



**6 SILL DETAIL - METAL STUD**  
SCALE: 1 1/2" = 1'-0"



**7 JAMB DETAIL - WINDOW INFILL**  
SCALE: 1 1/2" = 1'-0"



**8 STOREFRONT ELEVATIONS**  
SCALE: 1/2" = 1'-0"

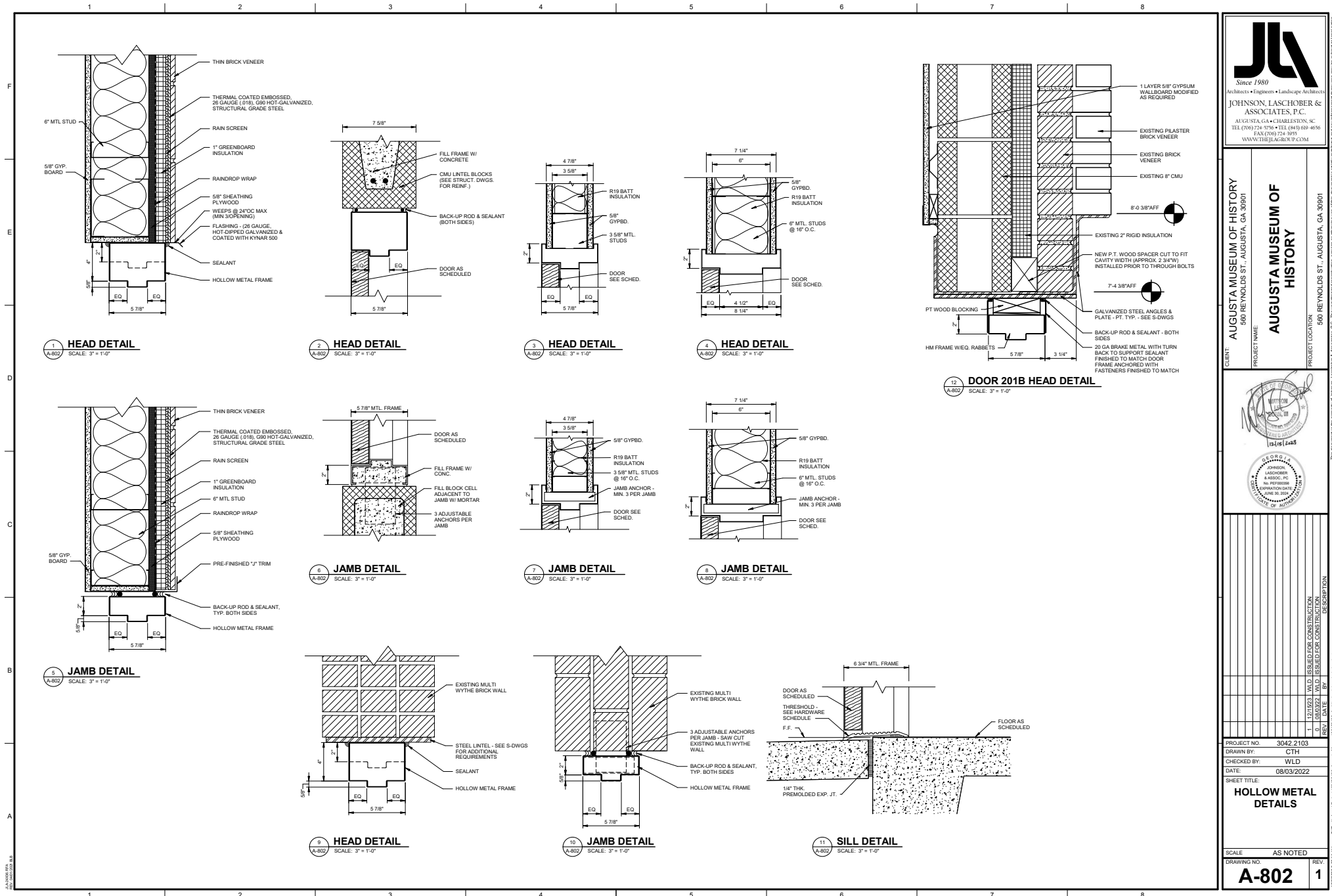
NOTE: AT EXISTING ARCHED WINDOW IN EAST WALL OF "DISCHARGE LOBBY 101" PROVIDE 2 LAYERS OF 5/8" TYPE X GYPSUM WALLBOARD AT INTERIOR WALL SURFACE AND PROVIDE CONTINUOUS FIRE RATED SEALANT AROUND PERIMETER OF INFILL AT BOTH WALL SURFACES.

NO.	DATE	BY	DESCRIPTION
1	12/11/2022	WLD	ISSUED FOR CONSTRUCTION
0	08/03/2022	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022  
SHEET TITLE: **WINDOW DETAILS**

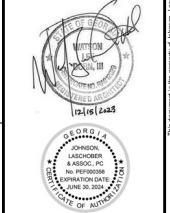
SCALE: AS NOTED  
DRAWING NO: **A-702**  
REV: **1**





Since 1980  
Architects • Engineers • Landscape Architects  
JOHNSON, LASCHOBER & ASSOCIATES, P.C.  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9756 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLACORP.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME: AUGUSTA MUSEUM OF HISTORY  
PROJECT LOCATION: 660 REYNOLDS ST., AUGUSTA, GA 30901



NO.	DATE	BY	DESCRIPTION
1	12/19/22	WLD	ISSUED FOR CONSTRUCTION
0	08/03/22	WLD	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: CTH  
CHECKED BY: WLD  
DATE: 08/03/2022

SHEET TITLE:  
**HOLLOW METAL DETAILS**

SCALE: AS NOTED  
DRAWING NO: **A-802**

REV: 1

AUGUSTA, GA 30901

THIS DOCUMENT IS THE PROPERTY OF JOHNSON, LASCHOBER & ASSOCIATES, P.C. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR REPRODUCTION OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF JOHNSON, LASCHOBER & ASSOCIATES, P.C. IS STRICTLY PROHIBITED.

**GENERAL NOTES:**

**GENERAL**

- THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PROJECT INFORMATION FOR THE PLAN READER'S CONVENIENCE. SEE PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.
  - ALL REFERENCES TO STANDARDS HEREIN ARE TO MOST RECENT ISSUE IN EFFECT AS OF THE DATE OF THESE DOCUMENTS. UNLESS NOTED OTHERWISE IN PROJECT SPECIFICATIONS.
  - DESIGN BASIS: 2018 INTERNATIONAL BUILDING CODE (IBC) WITH AMENDMENTS
    - RISK CATEGORY: III
    - WIND:
      - ULTIMATE DESIGN WIND SPEED = 115 MPH
      - WIND EXPOSURE CATEGORY = B
      - INTERNAL PRESSURE COEFFICIENT = 0.18 (ENCLOSED BUILDING)
    - SEISMIC:
      - SEISMIC IMPORTANCE FACTOR  $I_s = 1.0$
      - MAPPED SPECTRAL RESPONSE ACCEL. (SHORT PERIODS)  $S_s = 0.26$
      - MAPPED SPECTRAL RESPONSE ACCEL. (SECOND PERIOD)  $S_1 = 0.10$
      - SEISMIC DESIGN COEFFICIENT (1 SECOND PERIOD)  $C_{s1} = 0.16$
      - SPECTRAL RESPONSE COEFFICIENT (SHORT PERIODS)  $S_{DS} = 0.28$
      - SPECTRAL RESPONSE COEFFICIENT (1 SECOND PERIOD)  $S_{11} = 0.16$
      - SEISMIC DESIGN CATEGORY = D (DEFAULT)
      - ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE
    - BASIC SEISMIC FORCE RESISTING SYSTEM - ORDINARY REINF. MASONRY SHEAR WALLS
    - RESPONSE MODIFICATION FACTOR  $R = 2.0$
    - SEISMIC RESPONSE COEFFICIENT  $C_e = 0.14$
    - DESIGN BASE SHEAR = 20K
  - LIVE LOADS:
    - ROOF: 20 psf
    - FLOOR: 100 psf ELEVATED SECOND FLOOR SLAB
    - 100 psf SLAB ON GRADE
  - SNOW LOAD:
    - GROUND: 5 psf
- ABBREVIATIONS:
 

APPROX	APPROXIMATE	FD*	FACE OF *	PLCS	PLACES
B*	BOTTOM (BAR)	FS	FAR SIDE	REF	REFERENCE ONLY
BT	BOTTOM	LG	LEADING	REFNG	REINFORCING
BOF	BOTTOM OF FTG.	GA	GAGE/GAUGE	SPC'S	SPACE/SPACES
CA	CENTER TO CENTER	GR	GRADING	SPCS	SPACES
CLR	CLEAR	HP	HIGH POINT	STL	STEEL
CONC	CONCRETE	HR	HANDRAIL	SWT	SHORT WAYS
EJ	EXISTING (EXIST.)	IE	INVERT ELEVATION	T	TOP (BAR)
EW	EACH FACE	INT	INTERIOR	TAB	TOP OF
EW	EACH WAY	JST	JUNCTION	TOP OF CONCRETE	TOP AND BOTTOM
ED	ELEVATION	LG	LOW POINT	TOF	TOP OF FOOTING
ED	EDGE OF *	LP	LOW POINT	TRSS	TRUSSES
EOS	EDGE OF SLAB	LW	LONG WAYS	TYP	TYPICAL
EQ	EQUAL	LV	LONG WAYS	UNL	UNLESS NOTED
EX	EXISTING	MTL	METAL	UPD	OTHERWISE
EXT	EXTENDING	NS	NEAR SIDE	W*	WORK POINT
FIN	FINISH	OC	ON CENTER	W*	WITH *
FLR	FLOOR	OW	OUT-TO-OUT	WD	WOOD
- UNLESS OTHERWISE NOTED, REQUIREMENTS GIVEN FOR ONE LOCATION ALSO APPLY AT OTHER LOCATIONS AT WHICH CONDITIONS ARE SIMILAR. THE REQUIREMENTS GIVEN SHALL BE ADAPTED TO CONDITIONS AT SIMILAR LOCATIONS.
- COORDINATE WORK OF OTHER TRADES SHOWN ON DRAWINGS OR INDICATED IN SPECIFICATIONS WITH STRUCTURAL WORK.
- SHOP DRAWINGS FOR ANY PART OF THE STRUCTURAL WORK SHALL SHOW THE INTERFACE WITH OTHER RELATED TRADES. THE CONTRACTOR SHALL VERIFY DIMENSIONS, LOCATIONS, MATERIALS, ETC. OF RELATED TRADES BY CERTIFIED MANUFACTURER'S DRAWINGS AND SO INDICATE BEFORE SUBMITTING SHOP DRAWINGS FOR ARCHITECT/ENGINEER'S APPROVAL.
- THE DESIGN OF THE STRUCTURE SHOWN IS BASED ON INTERACTION OF VARIOUS CONNECTED PARTS AND THE DESIGN LOADS NOTED ABOVE. THE STRENGTH AND STABILITY OF CONSTRUCTION UNDERWIND MAY REQUIRE SUPPLEMENTAL TEMPORARY SUPPORTS, BRACING OR OTHER MEASURES. THE CONTRACTOR SHALL DETERMINE THE NEED OF SUCH TEMPORARY SUPPORT DURING CONSTRUCTION AND PROVIDE ALL SUCH MEASURES.

**EARTHWORK/FOUNDATION**

- FOUNDATION DESIGN BASIS: BASED ON PRESUMPTIVE VALUES OUTLINED IN IBC 2018, SECTION 1806. ALLOWABLE BEARING CAPACITY  $f' = 1.500$  PSF, MAXIMUM.
- NO BLASTING WILL BE ALLOWED.
- CONTROL OF GROUND WATER, IF REQUIRED, SHALL BE ACCOMPLISHED IN A MANNER THAT WILL PRESERVE THE STRENGTH OF THE FOUNDATION SOILS. WILL NOT CAUSE INTABILITY OF THE EXCAVATION SLOPES, AND WILL NOT RESULT IN DAMAGE TO EXISTING STRUCTURES.
- COORDINATE FOUNDATION WORK WITH ALL OTHER TRADES.
- PIPES AND OTHER WORK WHICH REQUIRE EXCAVATING OR TRENCHING ADJACENT TO COLLUM FOOTINGS OR PARALLEL TO WALL FOOTINGS, SHALL NOT BE LOCATED BELOW LINES EXTENDING DOWNWARD FROM THE BOTTOM EDGE OF THE FOOTING AT A 45 DEGREE ANGLE FROM HORIZONTAL.
- EXCAVATIONS FOR FOOTINGS, GRADE BEAMS, MATS AND OTHER FOUNDATIONS BUILT NEXT TO OR AROUND EXISTING FOUNDATIONS, SHALL NOT EXTEND BELOW THE BOTTOM SURFACE OF THE EXISTING FOOTING UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DESIGN DRAWINGS. HOLES ADJACENT TO EXISTING FOOTINGS (CLOSER TO THE FOOTING EDGE THAN THE HOLE DEPTH) CAN NOT BE OVER ENCASED AND FILLED TO ACCOUNT FOR BAD SOIL UNLESS SPECIFICALLY APPROVED BY THE ENGINEER OF RECORD.
- ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS INCLUDING ELEVATION, SIZE AND THICKNESS OF FOUNDATIONS SHALL BE INDICATED BY THE GENERAL CONTRACTOR ON THE REINFORCING SHOP DRAWINGS. SUCH PROPOSED DEVIATIONS SHALL BE CIRCLED AND NOTED "ENGINEER VERIFY".
- STRUCTURAL FILL SHALL BE PLACED IN LIFTS NO MORE THAN 8" THICK WITH A COMPACTION OF 95% STANDARD PROCTOR (PER ASTM D-998) MAXIMUM DRY DENSITY.

**HISTORIC MASONRY**

- REPAIR AND RETROFIT OF HISTORIC BRICK MASONRY SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
  - UNLESS SPECIFICALLY NOTED OTHERWISE, MISSING OR BROKEN BRICKS IN HISTORIC MASONRY WALLS AND PLASTERS ARE ONLY TO BE REPLACED WITH BRICKS OF THE SAME AGE AND QUALITY (IE. COMMON OR FRIED AS THE ORIGINAL BRICKS). IDEALLY, THEY ARE TO BE HARVESTED FROM OTHER AREAS OF THE STRUCTURE SUCH AS NEW WINDOW OR DOOR OPENINGS OR SIMILAR DISMISSED SECTIONS OF THE STRUCTURE.
  - NEW BRICK ELEMENTS, SUCH AS WALLS, PLASTERS AND OPENING INFILLS, ARE TO BE ISOLATED FROM THE ORIGINAL MASONRY CONSTRUCTION SUCH THAT DIFFERENTIAL MOVEMENT IS PERMITTED BETWEEN THE ELEMENTS.
  - NEW CONCRETE ELEMENTS SUCH AS WALLS, PLASTERS AND STRUCTURAL BEAMS ARE TO BE SUPPORTED INDEPENDENTLY FROM THE ORIGINAL MASONRY CONSTRUCTION AND ISOLATED FROM IT SUCH THAT DIFFERENTIAL MOVEMENT IS PERMITTED BETWEEN THE ELEMENTS.
  - NEW BELOW-GRADE CONCRETE FOOTINGS MAY BE CAST DIRECTLY AGAINST HISTORIC CORBELED BRICK FOUNDATIONS.
  - UNLESS NOTED OTHERWISE, PROVIDE AN EXPANSION JOINT BETWEEN NEW GRADE SUPPORTED CONCRETE SLABS AND HISTORIC BRICK WALLS.
  - MODERN CEMENT-BASED MORTAR IS NOT TO BE USED TO REPAIR, REPLACE OR RE-POINT MORTAR IN HISTORIC BRICK WALL CONSTRUCTION. USE MORTAR APPROVED FOR SUCH USE. GENERALLY A LIME PUTTY BASED PRODUCT. SUBMIT TO ENGINEER OF RECORD FOR APPROVAL.
  - EPOXY OR LATEX BASED FLEXIBLE CALK IS NOT TO BE USED TO RE-POINT BRICK OR FILL CRACKS IN BRICK ELEMENTS. SUCH CALK MAY BE USED TO SEAL THE JOINT OF WOOD OR METAL ELEMENTS ATTACHED TO AND SUPPORTED FROM THE BRICK.
  - HISTORIC MULTI-WYTHE (LAYERED) BRICK WALLS ARE NOT TO BE PAINTED WITH MODERN EPOXY OR LATEX PAINT, INCLUDING PAINTS PRESENTED AS BEING "BREATHABLE."
  - IF DESIRED, HISTORIC MULTI-WYTHE (LAYERED) BRICK WALLS MAY BE COATED ON THE INTERIOR AND/OR EXTERIOR WITH ALKALINE WASH (WHITE WASH) PRODUCT APPROVED FOR SUCH USE. THE LIME WASH MAY BE PIGMENTED AS DESIRED.
  - IF DESIRED, HISTORIC MULTI-WYTHE (LAYERED) BRICK WALLS MAY BE COVERED ON THE INTERIOR BY ALKALINE PUTTY (NOT CEMENT) BASED STUCCO APPROVED FOR SUCH USE.
  - INTERIOR OR EXTERIOR WALL COVERINGS, AS DESIRED, MAY BE ATTACHED TO THE HISTORIC BRICK ELEMENTS BY MEANS OF FURRING STRIPS OR BRACKETS WHICH PROVIDE A MEANS FOR THE BRICK TO BREATHE BEHIND THE COVERING.
  - UNLESS NOTED OTHERWISE, ADHERED ROOFING MATERIALS ARE NOT TO BE APPLIED DIRECTLY TO VERTICAL SURFACES OF HISTORIC BRICK PARAPETS.
  - ADHERED ROOFING MATERIALS SHALL NOT BE APPLIED TO THE TOP SURFACE OF HISTORIC BRICK PARAPETS AND/OR CORBELS. TOPS OF THESE ELEMENTS SHALL BE PROTECTED FROM WATER INTRUSION WITH A MECHANICALLY FASTENED CAP OR HISTORICALLY APPROPRIATE AND MORTARED TERRA-COTTA WALL CAP.
  - PREVENT WATER FROM RUNNING DOWN THE SIDES OF HISTORIC BRICK WALLS BY MEANS OF GUTTERS, DOWNSPOUTS AND OTHER WATER-CONTROL METHODS.

**SPECIFICATIONS**

- REFERENCE THE FOLLOWING STRUCTURAL TECHNICAL SPECIFICATIONS FOR CONSTRUCTION INFORMATION AND REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH OTHER PROJECT TECHNICAL SPECIFICATIONS TO PROVIDE A COMPLETE AND INTEGRATED CONSTRUCTION PROJECT:
- 03300 - CAST-IN-PLACE CONCRETE
  - 04200 - UNIT MASONRY
  - 05120 - STRUCTURAL STEEL FRAMING
  - 05110 - ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING
  - 05130 - STEEL DECKING
  - 05400 - COLD-FORMED METAL FRAMING
  - 05600 - METAL FABRICATIONS

ALTERNATE 3 AND 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

**GENERAL NOTES - STRUCTURAL TESTS & SPECIAL INSPECTIONS (IBC 2018)**

- 1704 SPECIAL INSPECTIONS**  
THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE BUILDING OFFICIAL FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- 1704.2 STATEMENT OF SPECIAL INSPECTIONS**  
THE REQUIRED PROVISIONS DEFINE THE STRUCTURAL SPECIAL INSPECTIONS APPLICABLE TO THE PROJECT. SEE THE RELEVANT COUNTY STATEMENT OF SPECIAL INSPECTIONS AS REQUIRED FOR PERMIT APPLICATIONS FOR DETAILS AND CHECKLIST.
- 1704.2.4 REPORT REQUIREMENTS**  
SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN THE PERMIT APPLICATION AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.

JOHNSON, LASCHNER & ASSOCIATES, P.C.  
ARCHITECTS • ENGINEERS • LANDSCAPE ARCHITECTS  
1015 N. W. 10TH AVE., SUITE 200  
AUGUSTA, GA 30601  
TEL: (706) 724-8750 • FAX: (706) 724-3975  
WWW.JLAEAG.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
1600 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: AUGUSTA MUSEUM OF HISTORY

PROJECT LOCATION: 1600 REYNOLDS ST., AUGUSTA, GA 30901

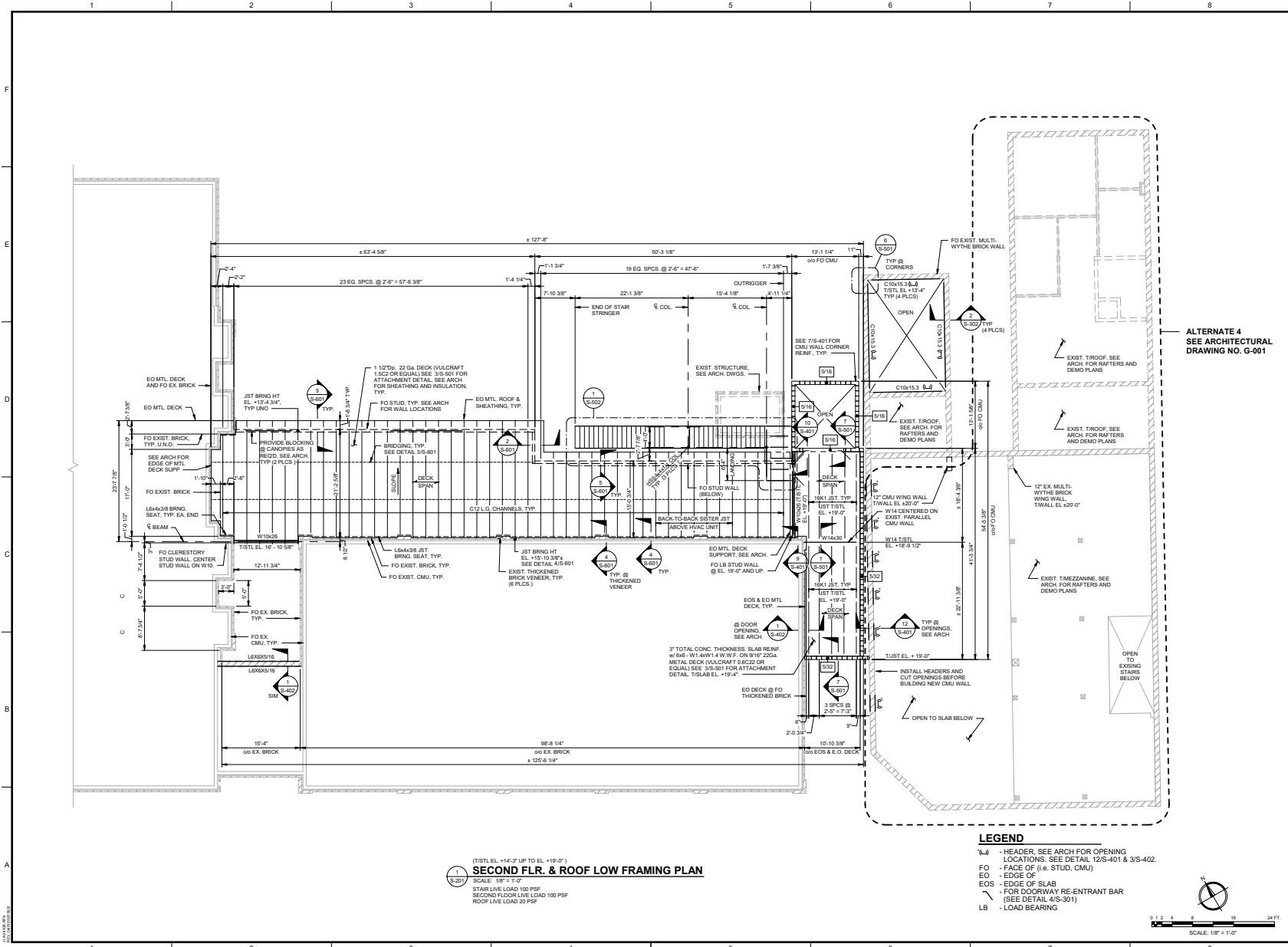
JOSEPH R. MOORE  
No. 20589  
STATE OF GEORGIA  
MECHANICAL ENGINEERING

PROJECT NO.	3042.2103
DRAWN BY:	THW
CHECKED BY:	MWL
DATE:	08/03/2022
SHEET TITLE:	GENERAL NOTES
SCALE:	AS NOTED
DRAWING NO.	1
REV.	1

THIS DOCUMENT IS THE PROPERTY OF JOHNSON, LASCHNER & ASSOCIATES, P.C. IT IS NOT TO BE REPRODUCED, COPIED, OR OTHERWISE USED WITHOUT THE WRITTEN PERMISSION OF JOHNSON, LASCHNER & ASSOCIATES, P.C. © 2022 JOHNSON, LASCHNER & ASSOCIATES, P.C.







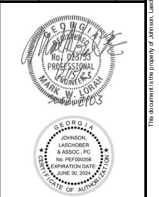
(1)STL EL. +14'-3" UP TO EL. +19'-0"  
**SECOND FLR. & ROOF LOW FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"  
 STAIR LIVE LOAD 100 PSF  
 SECOND FLOOR LIVE LOAD 100 PSF  
 ROOF LIVE LOAD 20 PSF

- LEGEND**
- 1/4" - HEADER, SEE ARCH FOR OPENING LOCATIONS. SEE DETAIL 12/S-401 & 3/S-402.
  - FO - FACE OF (i.e. STUD, CMU)
  - EO - EDGE OF
  - EOS - EDGE OF SLAB
  - FOR - FOR DOORWAY RE-ENTRANT BAR (SEE DETAIL 4/S-301)
  - LB - LOAD BEARING



Since 1980  
 Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL (706) 724-8754 • TEL (803) 401-4654  
 FAX (706) 724-3975  
 WWW.THEJLAGROUP.COM

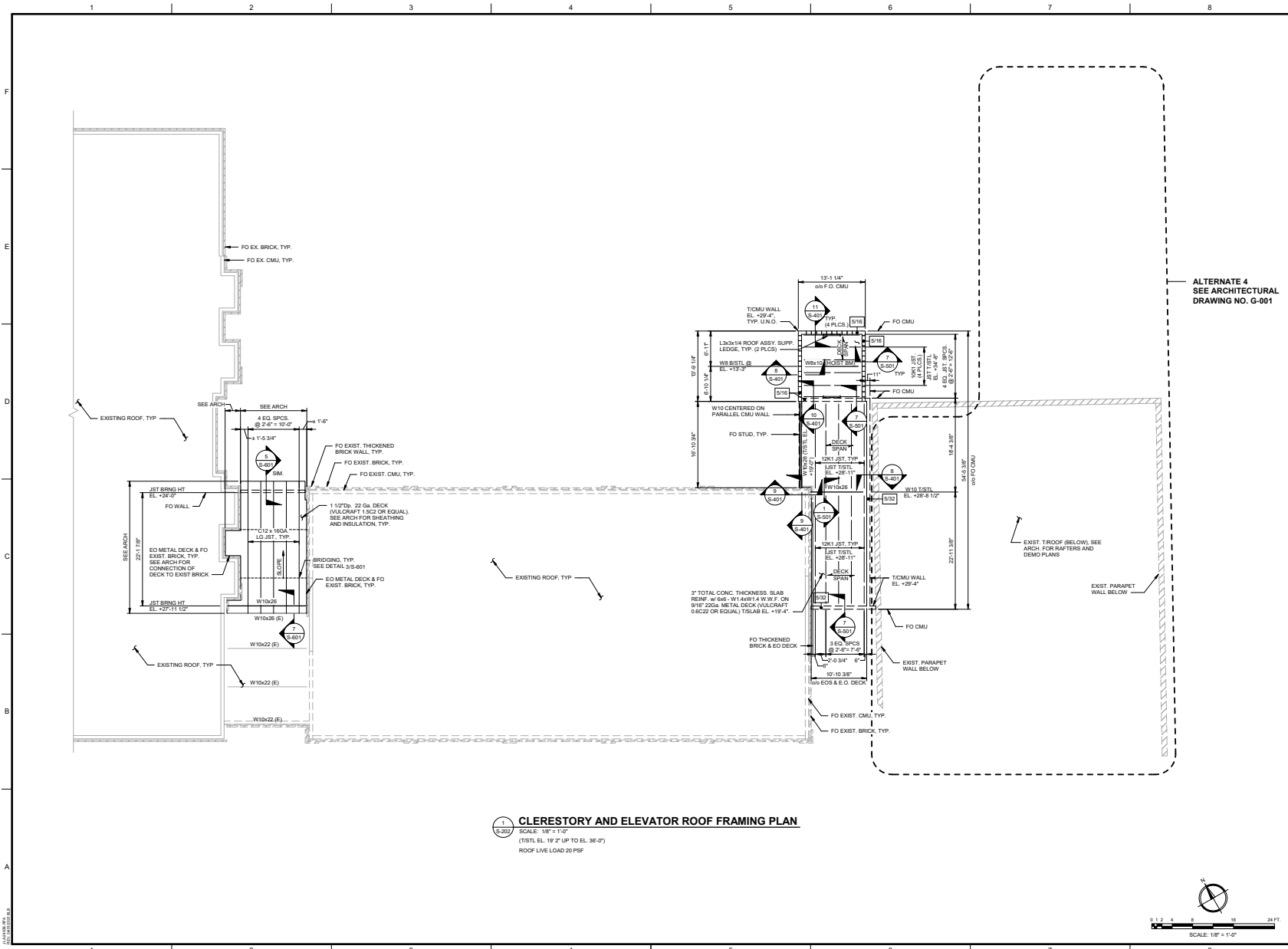
CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
 560 REYNOLDS ST., AUGUSTA, GA 30901  
 PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**  
 PROJECT LOCATION: 560 REYNOLDS ST., AUGUSTA, GA 30901



PROJECT NO.	30422103
DRAWN BY:	THW
CHECKED BY:	MWL
DATE:	08/03/2022
SHEET TITLE:	
<b>SECOND FLOOR AND MONOSLOPE ROOF FRAMING PLAN</b>	
SCALE:	AS NOTED
DRAWING NO.	1
<b>S-201</b>	<b>REV</b>

PROJECT NO. 30422103  
 DRAWN BY: THW  
 CHECKED BY: MWL  
 DATE: 08/03/2022  
 SHEET TITLE:  
**SECOND FLOOR AND MONOSLOPE ROOF FRAMING PLAN**  
 SCALE: AS NOTED  
 DRAWING NO. 1  
**S-201** REV

THIS DOCUMENT IS THE PROPERTY OF JOHNSON, LASCHOBER & ASSOCIATES, P.C. THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF JOHNSON, LASCHOBER & ASSOCIATES, P.C.



**1 CLERESTORY AND ELEVATOR ROOF FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"  
 (1/8" STYL. EL. 19' 2" UP TO EL. 36'-0")  
 ROOF LIVE LOAD 20 PSF

ALTERNATE 4  
 SEE ARCHITECTURAL  
 DRAWING NO. G-001

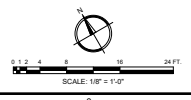


Since 1980  
 Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL: (706) 724-8754 • TEL: (803) 401-4654  
 FAX: (706) 724-3975  
 WWW.JLA-AGENCY.COM



NO.	DATE	ISSUED FOR CONSTRUCTION	DESCRIPTION
1	02/03/22	MADE	ISSUED FOR CONSTRUCTION
2	02/03/22	REV	ISSUED FOR CONSTRUCTION
3	02/03/22	REV	ISSUED FOR CONSTRUCTION
4	02/03/22	REV	ISSUED FOR CONSTRUCTION

PROJECT NO.	3042.2103
DRAWN BY:	T4W
CHECKED BY:	MWL
DATE:	08/03/2022
SHEET TITLE:	<b>CLERESTORY &amp; ELEVATOR ROOF FRAMING PLAN</b>
SCALE:	AS NOTED
DRAWING NO.	<b>S-202</b>
REV	1

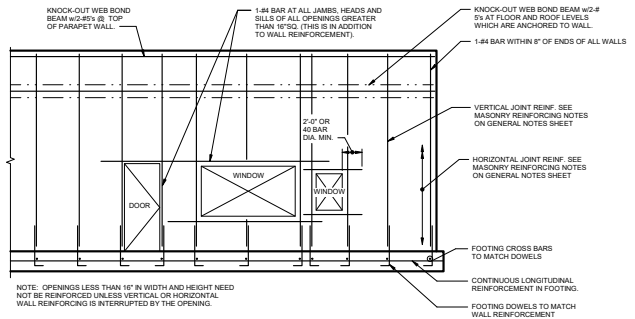


AUGUSTA MUSEUM OF HISTORY, 560 REYNOLDS ST., AUGUSTA, GA 30901  
 PROJECT LOCATION: 560 REYNOLDS ST., AUGUSTA, GA 30901  
 CLIENT: AUGUSTA MUSEUM OF HISTORY, 560 REYNOLDS ST., AUGUSTA, GA 30901  
 PROJECT NAME: AUGUSTA MUSEUM OF HISTORY  
 PROJECT LOCATION: 560 REYNOLDS ST., AUGUSTA, GA 30901  
 This document is the property of Johnson, Laschober & Associates, P.C. This is an unapproved reproduction. Copying or otherwise use of this document is strictly prohibited and any infringement thereon may be subject to legal action.



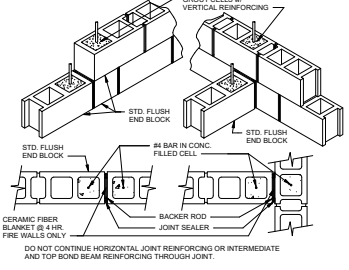






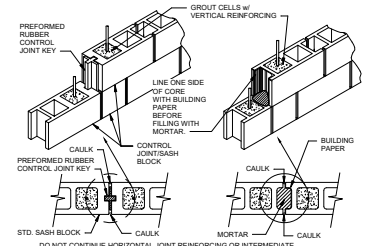
NOTE: OPENINGS LESS THAN 16\"/>

(CMU WALL OPENING AND STD. REINF. DETAIL)  
**DETAIL**  
NO SCALE



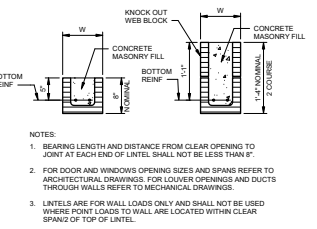
**IN CONCRETE WALL      AT INTERSECTING WALLS**  
**MASONRY EXPANSION/ISOLATION JOINT**  
ISOLATION JOINT APPLIES AT BOTH VERTICAL AND HORIZONTAL "HEADER" JOINTS WHERE INDICATED ON PLAN.

**DETAIL**  
NO SCALE



**MASONRY CONTROL JOINT**  
**TYPE 1      TYPE 2**  
UNLESS NOTED OTHERWISE EITHER TYPE MAY BE USED AT THE CONTRACTOR'S OPTION.

**DETAIL**  
NO SCALE

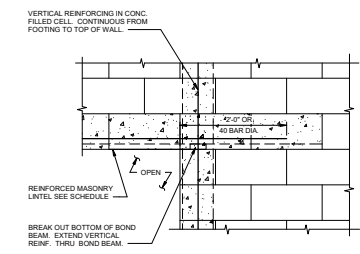


NOTES:

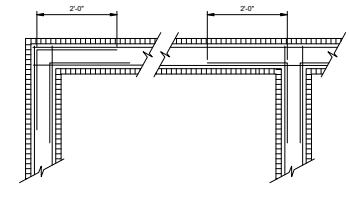
1. BEARING LENGTH AND DISTANCE FROM CLEAR OPENING TO JOINT AT EACH END OF LINTEL SHALL NOT BE LESS THAN 6\"/>
- 2. FOR DOOR AND WINDOWS OPENING SIZES AND SPANS REFER TO ARCHITECTURAL DRAWINGS FOR LOUVER OPENINGS AND DUCTS THROUGH WALLS REFER TO MECHANICAL DRAWINGS.
- 3. LINTELS ARE FOR WALL LOADS ONLY AND SHALL NOT BE USED WHERE POINT LOADS TO WALL ARE LOCATED WITHIN CLEAR SPANS OF TOP OF LINTEL.

CLEAR SPAN	BOTTOM REINFORCING	LINTEL HEIGHT
UP TO 6'-0"	2-#4s    3-#4s	8"
6'-1" - 6'-0"	2-#5s    3-#5s	8"
6'-1" - 10'-0"	2-#4s    3-#4s	16"
10'-1" - 12'-0"	2-#5s    3-#5s	16"

**DETAIL**  
NO SCALE

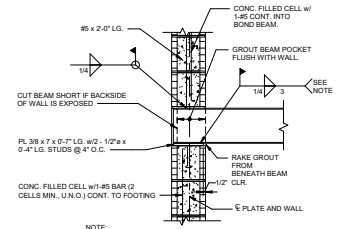


(CMU WALL OPENING CORNER REINF.)  
**DETAIL**  
NO SCALE



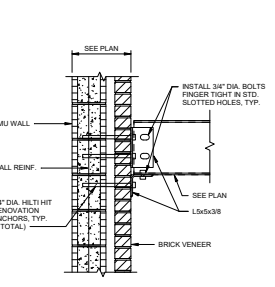
NOTE: CORNER REINFORCING TO MATCH SIZE AND SPACING OF BARS IN BOND BEAM.  
TYP. CMU BOND BEAM REINFORCING

**DETAIL**  
NO SCALE

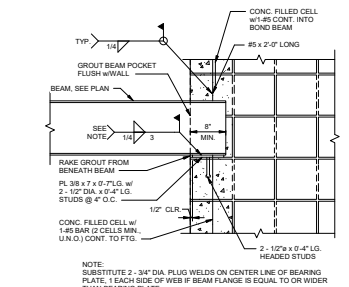


NOTE: SUBSTITUTE 2-3/4\"/>

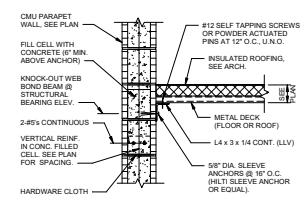
**DETAIL**  
NO SCALE



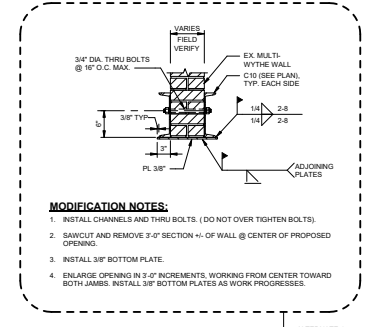
(BEAM BEARING ANCHORED @ EXIST. BRICK VENEER)  
**SECTION**  
NO SCALE



(BEAM PARALLEL TO WALL)  
**SECTION**  
NO SCALE



(ROOF BEARING LEDGER ANGLE)  
**DETAIL**  
NO SCALE

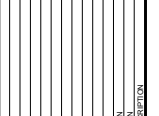
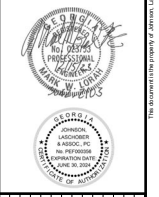


- MODIFICATION NOTES:**
1. INSTALL CHANNELS AND THRU BOLTS. (DO NOT OVER TIGHTEN BOLTS).
  2. SAWCUT AND REMOVE 3'-0\"/>

ALTERNATE 4      SEE ARCHITECTURAL DRAWING NO. G-001  
**SECTION**  
SCALE: 1/4" = 1'-0"



Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
401 W. 5TH ST., SUITE 1000, CHARLESTON, SC 29401  
TEL: (703) 724-9754 • TEL: (803) 403-4054  
FAX: (703) 724-3975  
WWW.JTLA.COM

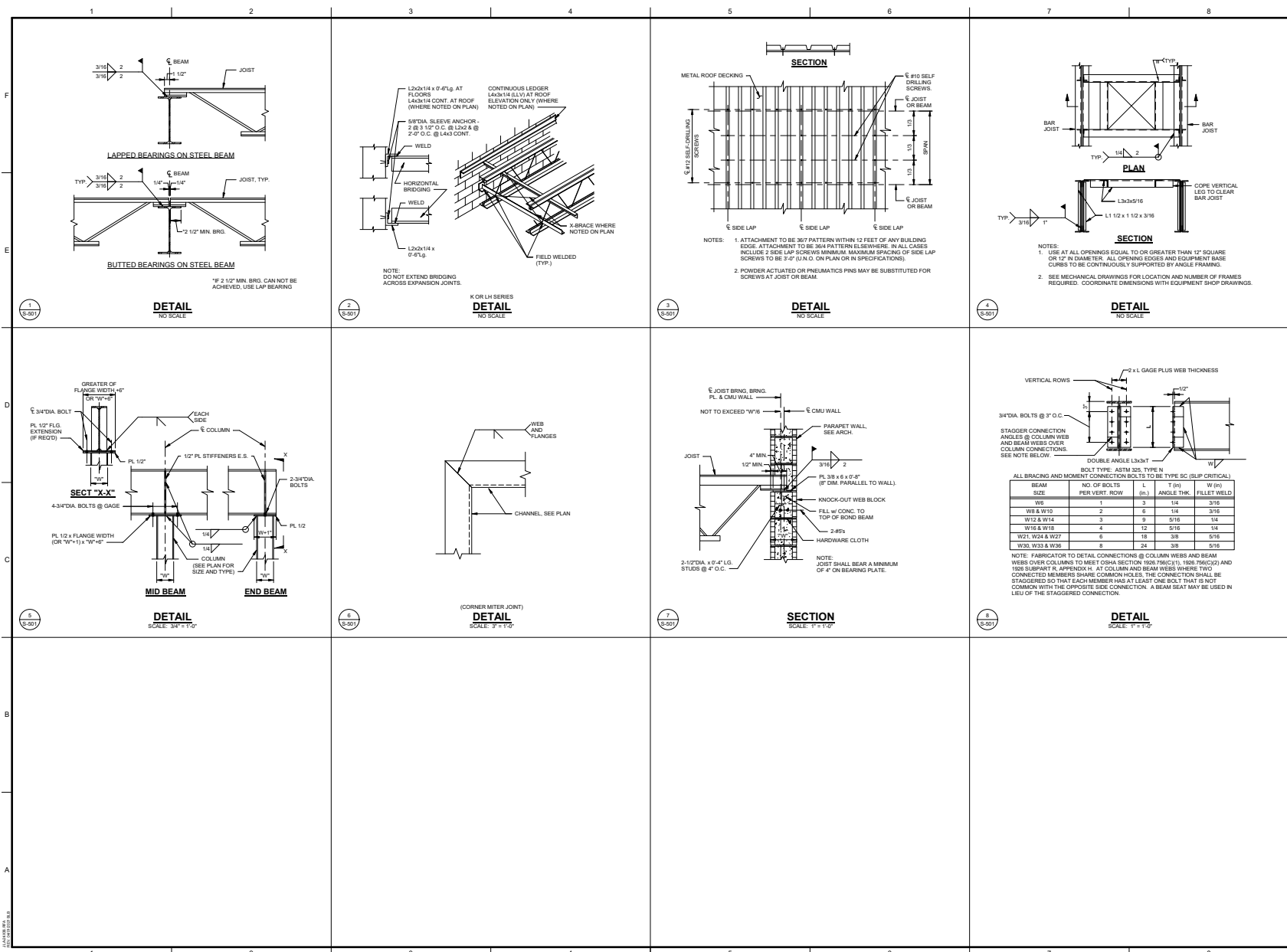


CLIENT:	AUGUSTA MUSEUM OF HISTORY 560 REYNOLDS ST., AUGUSTA, GA 30901
PROJECT NAME:	AUGUSTA MUSEUM OF HISTORY
PROJECT LOCATION:	560 REYNOLDS ST., AUGUSTA, GA 30901
DATE:	08/03/2022
DRAWN BY:	THW
CHECKED BY:	MWL
SCALE:	AS NOTED

PROJECT NO: 30422103  
DRAWING NO: **S-401**  
SHEET TITLE: **MASONRY SECTIONS AND DETAILS SHEET 1 OF 2**  
DATE: 08/03/2022  
SCALE: AS NOTED  
DRAWING NO: **S-401**  
SHEET TITLE: **MASONRY SECTIONS AND DETAILS SHEET 1 OF 2**

THIS DOCUMENT IS THE PROPERTY OF JOHNSON, LASCHOBER & ASSOCIATES, P.C. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF JOHNSON, LASCHOBER & ASSOCIATES, P.C. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF JOHNSON, LASCHOBER & ASSOCIATES, P.C.







Since 1980  
Architects • Engineers • Landscape Architects

**JOHNSON, LASCOBER & ASSOCIATES, P.C.**  
1001 N. W. 11th St., Suite 1000  
Fort Lauderdale, FL 33304  
TEL: (754) 774-1774 • FAX: (754) 774-1775  
WWW.JLA-ARCH.COM

---

CLIENT: AUGUSTA MUSEUM OF HISTORY  
1500 PENNINGTON ST., AUGUSTA, GA 30901

PROJECT NAME: AUGUSTA MUSEUM OF HISTORY

PROJECT LOCATION: 1500 PENNINGTON ST., AUGUSTA, GA 30901

---



GEORGE W. WILLIAMS  
Professional Engineer  
No. 125743  
State of Georgia  
Mechanical  
Exp. 12/31/2025

---

BEAM SIZE	NO. OF BOLTS PER VERT. ROW	L (IN)	T (IN)	W (IN)
W6	3	14	3/16	
W8 & W10	2	6	1/4	3/16
W12 & W14	3	9	5/16	1/4
W16 & W18	4	12	5/16	1/4
W21, W24 & W27	6	18	3/8	5/16
W26 & W30	7	24	3/8	5/16

NOTE: FABRICATOR TO DETAIL CONNECTIONS @ COLUMN WEBS AND BEAM WEBS OVER COLUMNS TO MEET OSHA SECTION 1926.756(C)(1), 1926.756(C)(2) AND 1926.756(C)(3) AT COLUMN AND BEAM WEBS WHERE TWO CONNECTED MEMBERS SHARE COMMON HOLES. THE CONNECTION SHALL BE STAGGERED SO THAT EACH MEMBER HAS AT LEAST ONE BOLT THAT IS NOT COMMON WITH THE OPPOSITE SIDE CONNECTION. A BEAM BEAT MAY BE USED IN LIEU OF THE STAGGERED CONNECTION.

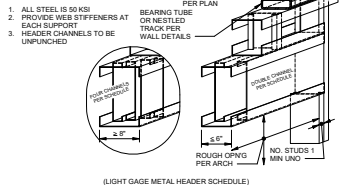
---

PROJECT NO.	30422103
DRAWN BY:	T4W
CHECKED BY:	MWL
DATE:	08/03/2022
SHEET TITLE:	STEEL SECTIONS AND DETAILS SHEET 1 OF 2
SCALE:	AS NOTED
DRAWING NO.	S-501
REV	1

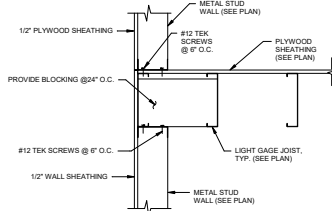
THIS DOCUMENT IS THE PROPERTY OF JOHNSON, LASCOBER & ASSOCIATES, P.C. THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF JOHNSON, LASCOBER & ASSOCIATES, P.C.



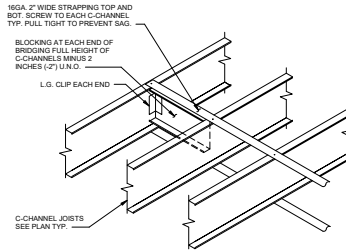
ROUGH OPENING SPAN	INDIVIDUAL CHANNEL SIZE	MIN. S (IN")	MIN. I (IN")
≤ 3'	VENDOR STANDARDS UND	-	-
3'-1" TO 6'	8" DEEP x 2" FLANGE x 16 GAGE	1.4	6.5
6'-1" TO 8'	10" DEEP x 2" FLANGE x 14 GAGE	2.7	13.9
8'-1" TO 10'	12" DEEP x 2" FLANGE x 14 GAGE	3.2	21.9
10'-1" TO 12'	12" DEEP x 2" FLANGE x 12 GAGE	5.0	30.4
> 12'	SEE SPECIFIC DESIGN DETAILS	-	-



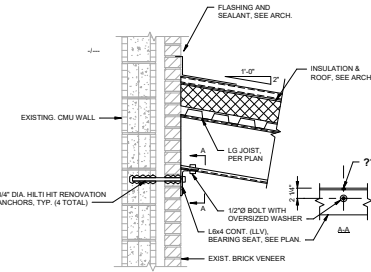
**DETAIL**  
SCALE: 1" = 1'-0"



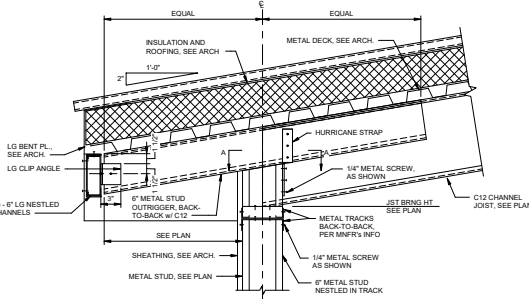
**SECTION**  
NO SCALE



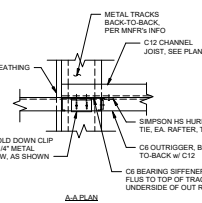
**DETAIL**  
SCALE: 1" = 1'-0"



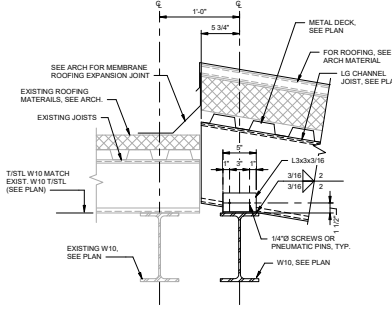
**SECTION**  
NO SCALE



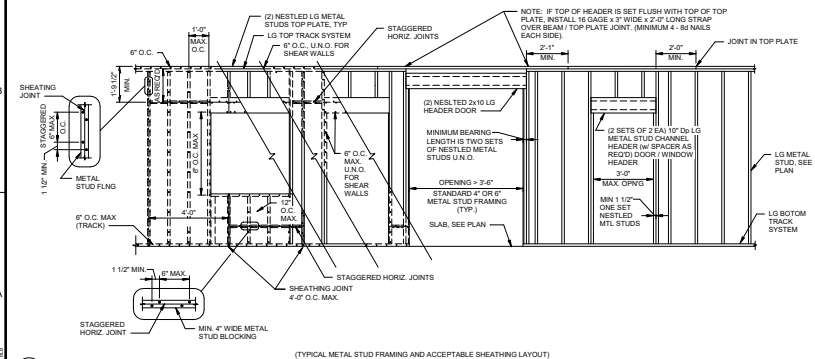
**SECTION**  
SCALE: 1 1/2" = 1'-0"



**SECTION**  
SCALE: 1 1/2" = 1'-0"



**SECTION**  
SCALE: 1 1/2" = 1'-0"



**DETAIL**  
NO SCALE



**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL: (706) 724-9754 • TEL: (803) 403-4654  
 FAX: (706) 724-3979  
 WWW: JTLA@JTLA.COM



CLIENT	AUGUSTA MUSEUM OF HISTORY 360 PENNOLDS ST., AUGUSTA, GA 30901
PROJECT NAME	AUGUSTA MUSEUM OF HISTORY
PROJECT LOCATION	360 PENNOLDS ST., AUGUSTA, GA 30901
DATE	08/03/2022
DRAWING NO.	S-601
REV.	1

PROJECT NO: 30422103  
 DRAWN BY: THW  
 CHECKED BY: MWL  
 DATE: 08/03/2022  
 SHEET TITLE:  
**LIGHT GAGE SECTIONS AND DETAILS**  
 SCALE: AS NOTED  
 DRAWING NO: S-601  
 REV: 1

THIS DOCUMENT IS THE PROPERTY OF JOHNSON, LASCHOBER & ASSOCIATES, P.C. THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED AND IS NOT TO BE RELEASED TO THE PUBLIC.

**FIRE PROTECTION GENERAL NOTES:**

**GENERAL:**  
THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PRODUCT INFORMATION FOR THE PLAN READER'S CONVENIENCE. SEE PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

WORK COVERED BY THIS DOCUMENT SHALL INCLUDE ALL LABOR, MATERIAL, PRODUCTS, AND SERVICES FOR, AND INCIDENTAL TO, INSTALLATION OF COMPLETE AND OPERATING HVAC SYSTEMS DRAWN OR SPECIFIED.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, NFPA 13, NFPA 14, NFPA 20, NFPA 22, NFPA 24, 2018 INTERNATIONAL BUILDING CODE w/ AMENDMENTS, AND 2018 INTERNATIONAL FIRE CODE w/ AMENDMENTS.

ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUAL" BY THE ARCHITECT OR ENGINEER.

SPRINKLER PIPE SIZING, PIPE ROUTING, SPRINKLER LOCATIONS, AND PIPE SUPPORT/BRACING BY SPRINKLER CONTRACTOR. PROVIDE SHOP DRAWINGS, HYDRAULIC CALCULATIONS, AND EQUIPMENT SUBMITTALS FOR REVIEW BY ENGINEER, AHJ, AND OWNER. SEE DIVISION 21 SPECIFICATIONS, IF APPLICABLE.

EXACT LOCATIONS AND ROUTING REQUIREMENTS FOR PIPING AND EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS, LARGE SCALE ARCHITECTURAL DETAILS, AND APPROVED MANUFACTURER'S SHOP DRAWINGS. PARTICULAR ATTENTION SHALL BE DIRECTED TO FIXTURES OR EQUIPMENT FURNISHED UNDER OTHER DIVISIONS.

SEE ARCHITECTURAL PLANS FOR WALL CONSTRUCTION AND REFLECTED CEILING PLANS.

EXACT LOCATION OF PIPING SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HIS WORK WITH THAT OF OTHER TRADES AND ARRANGE PIPING TO CLEAR STRUCTURAL MEMBERS AND DUCTWORK.

IN FIRE WALLS, PACK ANNUAL SPACE BETWEEN PIPE AND WALL WITH FIRESTOP COMPOUND IN ACCORDANCE WITH ITS UL LISTING.

**PIPING AND FITTINGS:**

WET PIPE SPRINKLER SYSTEM, NPS 2 AND SMALLER, SHALL BE STANDARD-WEIGHT, BLACK-STEEL PIPE WITH THREADED ENDS; UNCOATED, GRAY-IRON THREADED FITTINGS; AND THREADED JOINTS.

WET PIPE SPRINKLER SYSTEM, NPS 2-1/2 AND LARGER, SHALL BE SCHEDULE 10, BLACK-STEEL PIPE WITH ROLL-GROOVED ENDS; UNCOATED, GROOVED-END FITTINGS FOR STEEL PIPING; GROOVED-END PIPE COUPLINGS FOR STEEL PIPING; AND GROOVED JOINTS.

**LISTED FIRE PROTECTION VALVES:**

VALVES SHALL BE UL LISTED AND FM APPROVED, WITH MINIMUM 175-PSIG PRESSURE RATINGS. VALVES FOR GROOVED-END PIPING MAY BE FURNISHED WITH GROOVED ENDS INSTEAD OF TYPE OF ENDS SPECIFIED.

CHECK VALVES, NPS 2 OR SMALLER, SHALL BE UL 312, SWING CHECK TYPE, BRONZE BODY, AND THREADED ENDS.

CHECK VALVES, NPS 2-1/2 OR LARGER, SHALL BE UL 312, SWING CHECK TYPE, CAST OR DUCTILE IRON BODY, AND FLANGED OR GROOVED ENDS.

OS&Y GATE VALVES, NPS 2 AND SMALLER, SHALL BE UL 282, BRONZE BODY, EXTERNAL SUPERVISORY SWITCH, AND THREADED ENDS.

OS&Y GATE VALVES, NPS 2-1/2 AND LARGER, SHALL BE UL 282, CAST OR DUCTILE IRON BODY, EXTERNAL SUPERVISORY SWITCH, AND FLANGED OR GROOVED ENDS.

INDICATING-TYPE VALVES, NPS 2 AND SMALLER, SHALL BE UL 1081, BALL OR BUTTERFLY TYPE, BRONZE BODY, INTERNAL SUPERVISORY SWITCH, AND THREADED ENDS.

INDICATING-TYPE VALVES, NPS 2-1/2 AND LARGER, SHALL BE UL 1081, BUTTERFLY TYPE, CAST OR DUCTILE IRON BODY, INTERNAL SUPERVISORY SWITCH, AND FLANGED OR GROOVED ENDS.

APPLICABLE CODES AND STANDARDS	
CODES AND STANDARDS	EDITION
INTERNATIONAL BUILDING CODE (IBC)	2018
INTERNATIONAL FIRE CODE (IFC)	2018
NFPA 13	2019
NFPA 24	2019

**SPRINKLERS:**

SPRINKLERS SHALL BE UL LISTED OR FM APPROVED, WITH MINIMUM 175-PSIG PRESSURE RATING.

AUTOMATIC SPRINKLERS WITH HEAT-RESPONSIVE ELEMENT SHALL BE UL 199, NOMINAL 1/2-INCH ORifice WITH DISCHARGE COEFFICIENT K OF 5.6, AND FOR "ORDINARY" TEMPERATURE CLASSIFICATION RATING UNLESS OTHERWISE INDICATED OR REQUIRED BY APPLICATION.

SPRINKLER FINISHES SHALL BE CHROME PLATED, BRONZE, OR PAINTED, AS INDICATED.

SPRINKLER ESCUTCHEONS SHALL BE CHROME-PLATED STEEL, ONE PIECE, FLAT.

SPRINKLER GUARDS SHALL BE UL 199, WIRE CAGE WITH FASTENING DEVICE FOR ATTACHING TO SPRINKLER.

**ALARM DEVICES:**

DEVICES SHALL BE UL LISTED OR FM APPROVED. ALARM-DEVICE TYPES SHALL MATCH PIPING AND EQUIPMENT CONNECTIONS.

WATER-FLOW INDICATORS SHALL BE UL 348, ELECTRICALLY SUPERVISED, TWO SINGLE POLE, DOUBLE THROW CIRCUIT SWITCHES FOR ISOLATED ALARM AND AUXILIARY CONTACTS. TA, 120VAC, AND 0.25AM 30VDC, COMPLETE WITH FACTORY-SET, FIELD-ADJUSTABLE RETARD ELEMENT TO PREVENT FALSE SIGNALS AND TAMPERPROOF COVER THAT SENDS SIGNAL IF REMOVED; PADDLE OPERATED, 250 PSIG PRESSURE RATING.

PRESSURE SWITCHES SHALL BE UL 346, ELECTRICALLY SUPERVISED WATER-FLOW SWITCH WITH RETARD FEATURE, SINGLE POLE, DOUBLE THROUGH SWITCH WITH NORMALLY CLOSED CONTACTS; RISING PRESSURE SIGNALS WATER FLOW.

VALVE SUPERVISORY SWITCHES SHALL BE UL 346, ELECTRICALLY SUPERVISED, SINGLE POLE, DOUBLE THROW SWITCH WITH NORMALLY CLOSED CONTACTS, DESIGNED TO SIGNAL THAT CONTROLLED VALVE IS IN OTHER THAN FULLY OPEN POSITION.

**SUBMITTALS:**

PROVIDE SHOP DRAWINGS, HYDRAULIC CALCULATIONS, AND EQUIPMENT SUBMITTALS FOR REVIEW BY ENGINEER, AHJ, AND OWNER.

**HAZARD CLASSIFICATION:**

ALL AREAS SHALL BE REGARDED AS LIGHT HAZARD UNLESS NOTED OTHERWISE.

L.H. - LIGHT HAZARD, PER NFPA 13

OH-1 - ORDINARY HAZARD, GROUP 1, PER NFPA 13

OH-2 - ORDINARY HAZARD, GROUP 2, PER NFPA 13

**LEGEND:**

L.H. - LIGHT HAZARD, PER NFPA 13

OH-1 - ORDINARY HAZARD, GROUP 1 PER NFPA 13

OH-2 - ORDINARY HAZARD, GROUP 2 PER NFPA 13

◻ - NON SPRINKLED AREA

**FIRE BARRIER LEGEND:**

— — — — — - ONE HOUR FIRE BARRIER

**DESIGN CRITERIA:**

1. TYPES OF SYSTEMS:
  - WET PIPE
2. DENSITY / DESIGN AREA (OFFICE AREAS):
  - LH - 0.10 GPM/FT<sup>2</sup> OVER H.M.D. 1500 FT<sup>2</sup>
  - OH-1 - 0.15 GPM/FT<sup>2</sup> OVER H.M.D. 1500 FT<sup>2</sup>
  - OH-2 - 0.20 GPM/FT<sup>2</sup> OVER H.M.D. 1500 FT<sup>2</sup>
3. SPRINKLERS SHALL BE:
  - 5.6 K-FACTOR AND A TEMPERATURE RATING OF 165°F
  - UPRIGHT TYPE FOR ROOMS WITHOUT CEILINGS
  - RECESSED PENDENT TYPE FOR ROOMS WITH CEILINGS
  - SIDEWALL TYPE FOR WALL MOUNTING
  - UPRIGHT, PENDENT, AND SIDEWALL DRY TYPE FOR SPACES SUBJECT TO FREEZING
  - BRIGHT CHROME WITH BRIGHT CHROME ESCUTCHEON IN FINISHED SPACES EXPOSED TO VIEW, ROUGH BRONZE IN UNFINISHED SPACES NOT EXPOSED TO VIEW
4. MAXIMUM PROTECTION AREA PER SPRINKLER SHALL NOT EXCEED 225 FT<sup>2</sup> FOR LIGHT HAZARD AND 130 FT<sup>2</sup> FOR ORDINARY HAZARD.
5. PROVIDE SEISMIC BRACING PER NFPA AND IBC.
6. HOSE ALLOWANCE SHALL BE 100 GPM FOR LIGHT HAZARD OCCUPANCIES AND 250 GPM FOR ORDINARY HAZARD OCCUPANCIES.
7. COMPLY WITH NFPA 13 FOR ABOVEGROUND PIPING.

**FIRE FLOW TEST DATA:**

1. TEST DATE: 11/08/2007
2. PERFORMED BY: AUGUSTA UTILITIES DEPARTMENT
3. LOCATION OF RESIDUAL FIRE HYDRANT R: REYNOLDS STREET
4. LOCATION OF FLOW FIRE HYDRANT F: REYNOLDS STREET
5. STATIC PRESSURE OF RESIDUAL FIRE HYDRANT R: 82 PSIG
6. MEASURED FLOW ARE FLOW HYDRANT F: 1060 GPM
7. RESIDUAL PRESSURE AT RESIDUAL HYDRANT R: 58 PSIG
8. CONTRACTOR SHALL VERIFY AVAILABLE FLOW WITH NEW FLOW TEST FOR DESIGN PURPOSES.



CLIENT: AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: AUGUSTA MUSEUM OF HISTORY

PROJECT LOCATION: 660 REYNOLDS ST., AUGUSTA, GA 30901

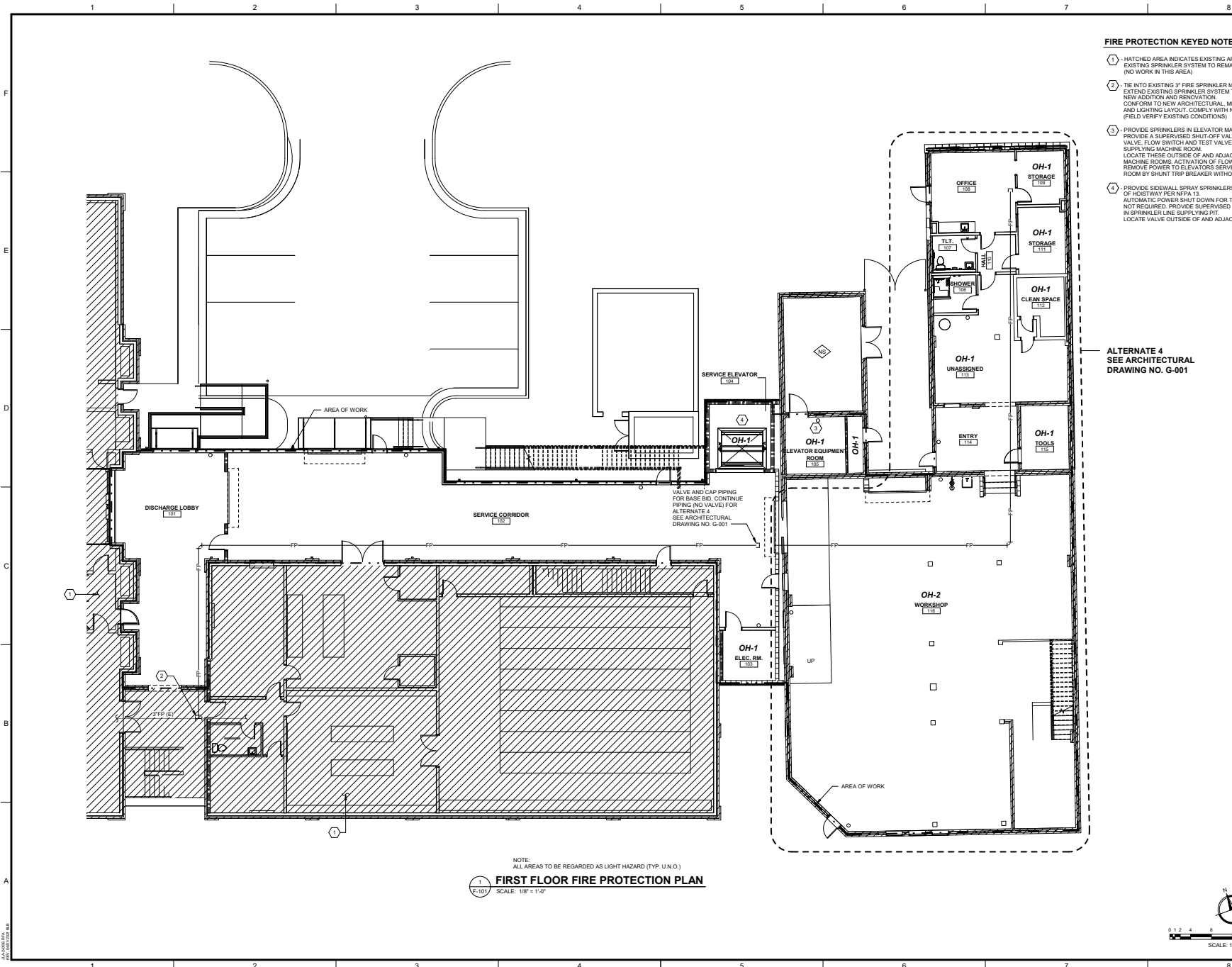


NO.	REV.	DATE	BY	DESCRIPTION
1	1	12/11/2022	CWV	ISSUED FOR CONSTRUCTION
0	0	08/03/2022	CWV	ISSUED FOR CONSTRUCTION

PROJECT NO:	3042 2103
DRAWN BY:	WBR
CHECKED BY:	CWV
DATE:	08/03/2022
SHEET TITLE:	FIRE PROTECTION GENERAL NOTES AND LEGEND

SCALE:	AS NOTED
DRAWING NO:	F-001
REV:	1





**FIRE PROTECTION KEYED NOTES:**

- ① - HATCHED AREA INDICATES EXISTING AREA WITH EXISTING SPRINKLER SYSTEM TO REMAIN. (NO WORK IN THIS AREA)
- ② - TIE INTO EXISTING 3" FIRE SPRINKLER MAIN. EXTEND EXISTING SPRINKLER SYSTEM TO SERVE NEW ADDITION AND RENOVATION. CONFORM TO NEW ARCHITECTURAL, MECHANICAL, AND LIGHTING LAYOUT. COMPLY WITH NFPA 13. (FIELD VERIFY EXISTING CONDITIONS)
- ③ - PROVIDE SPRINKLERS IN ELEVATOR MACHINE ROOMS. PROVIDE A SUPERVISED SHUT-OFF VALVE, CHECK VALVE, FLOW SWITCH AND TEST VALVE IN LINE SUPPLYING MACHINE ROOM. LOCATE THESE OUTSIDE OF AND ADJACENT TO THE MACHINE ROOMS. ACTIVATION OF FLOW SWITCH MUST REMOVE POWER TO ELEVATORS SERVED BY MACHINE ROOM BY SHUNT TRIP BREAKER WITHOUT TIME DELAY.
- ④ - PROVIDE SIDEWALL SPRAY SPRINKLERS AT BOTTOM OF HOISTWAY PER NFPA 13. AUTOMATIC POWER SHUT DOWN FOR THESE SPRINKLERS NOT REQUIRED. PROVIDE SUPERVISED SHUT-OFF VALVE IN SPRINKLER LINE SUPPLYING PIT. LOCATE VALVE OUTSIDE OF AND ADJACENT TO PIT.

ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9756 • TEL (843) 659-4656  
FAX (706) 724-3895  
WWW.THEJLACROK.P.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
600 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**  
PROJECT LOCATION: 600 REYNOLDS ST., AUGUSTA, GA 30901

NO.	DATE	BY	DESCRIPTION
1	12/11/22	CVW	ISSUED FOR CONSTRUCTION
0	08/03/22	CVW	ISSUED FOR CONSTRUCTION

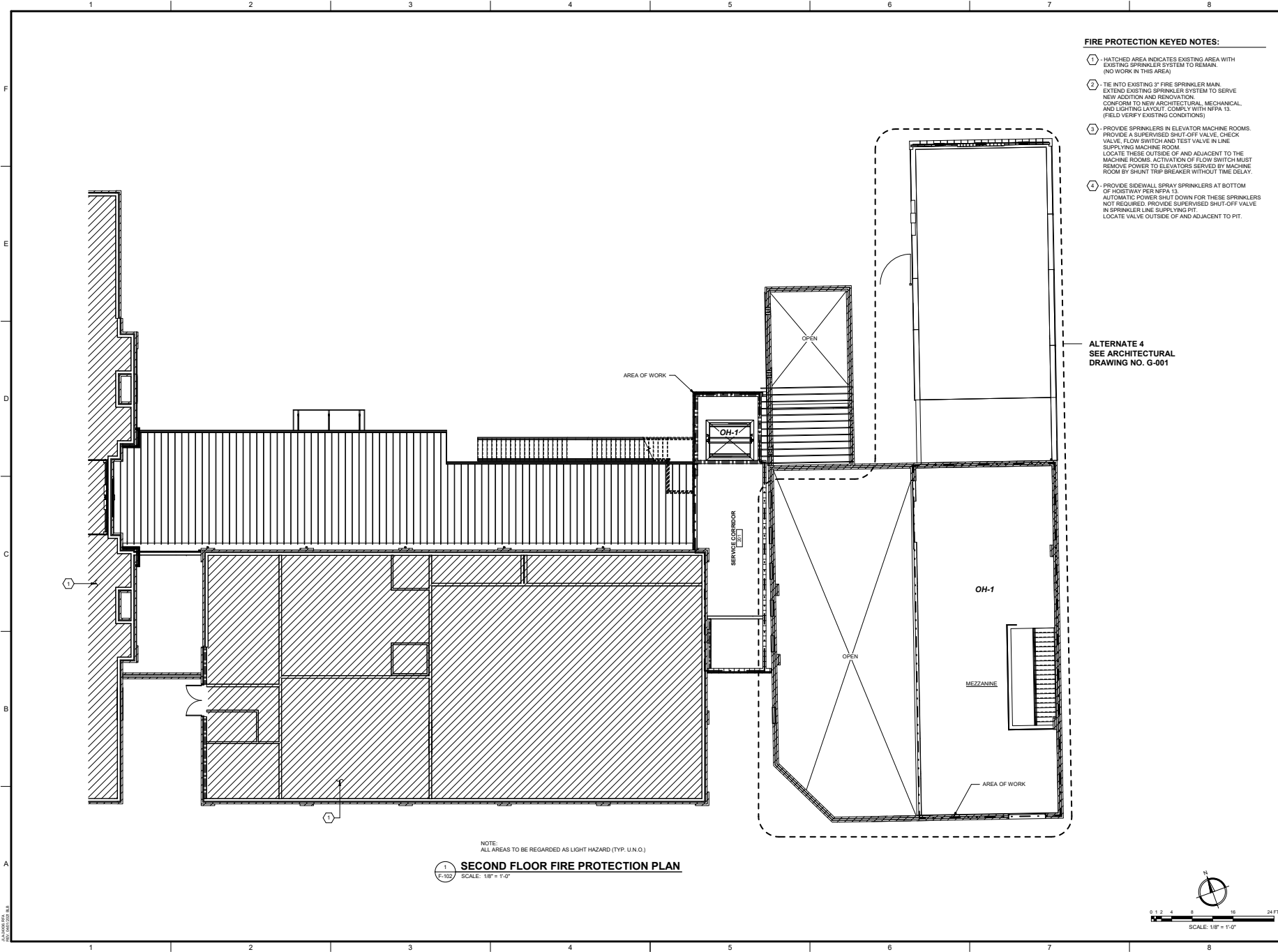
PROJECT NO: 3042.2103  
DRAWN BY: WBR  
CHECKED BY: CVW  
DATE: 08/03/2022

**FIRST FLOOR FIRE PROTECTION PLAN**

SCALE: AS NOTED

DRAWING NO.	REV.
<b>F-101</b>	1

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and proprietary. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Johnson, Laschober & Associates, P.C.



**FIRE PROTECTION KEYED NOTES:**

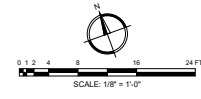
- ① - HATCHED AREA INDICATES EXISTING AREA WITH EXISTING SPRINKLER SYSTEM TO REMAIN. (NO WORK IN THIS AREA).
- ② - TIE INTO EXISTING 3" FIRE SPRINKLER MAIN. EXTEND EXISTING SPRINKLER SYSTEM TO SERVE NEW ADDITION AND RENOVATION. CONFORM TO NEW ARCHITECTURAL, MECHANICAL, AND LIGHTING LAYOUT. COMPLY WITH NFPA 13. (FIELD VERIFY EXISTING CONDITIONS)
- ③ - PROVIDE SPRINKLERS IN ELEVATOR MACHINE ROOMS. PROVIDE A SUPERVISED SHUT-OFF VALVE, CHECK VALVE, FLOW SWITCH AND TEST VALVE IN LINE SUPPLYING MACHINE ROOM. LOCATE THESE OUTSIDE OF AND ADJACENT TO THE MACHINE ROOMS. ACTIVATION OF FLOW SWITCH MUST REMOVE POWER TO ELEVATORS SERVED BY MACHINE ROOM BY SHUNT TRIP BREAKER WITHOUT TIME DELAY.
- ④ - PROVIDE SIDEWALL SPRAY SPRINKLERS AT BOTTOM OF HOISTWAY PER NFPA 13. AUTOMATIC POWER SHUT DOWN FOR THESE SPRINKLERS NOT REQUIRED. PROVIDE SUPERVISED SHUT-OFF VALVE IN SPRINKLER LINE SUPPLYING PIT. LOCATE VALVE OUTSIDE OF AND ADJACENT TO PIT.

ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

NOTE:  
ALL AREAS TO BE REGARDED AS LIGHT HAZARD (TYP. U.N.G.)

1  
F-102  
SCALE: 1/8" = 1'-0"

**SECOND FLOOR FIRE PROTECTION PLAN**

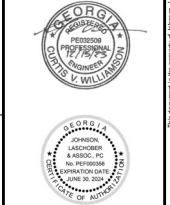


**JL**  
Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9756 • TEL (843) 659-4656  
FAX (706) 724-3895  
WWW.THEJLACROK.P.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **660 REYNOLDS ST., AUGUSTA, GA 30901**



REV.	DATE	BY	DESCRIPTION
1	12/1/2023	CVW	ISSUED FOR CONSTRUCTION
0	08/03/2022	CVW	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: WBR  
CHECKED BY: CVW  
DATE: 08/03/2022

SHEET TITLE:  
**SECOND FLOOR  
FIRE PROTECTION  
PLAN**

SCALE: AS NOTED

DRAWING NO:	REV:
<b>F-102</b>	<b>1</b>

This document is the property of Johnson, Laschober & Associates, P.C. The reproduction, copying or dissemination of this document without prior written consent is prohibited and may constitute a violation of applicable laws.

**PLUMBING GENERAL NOTES:**

**GENERAL:**  
THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PRODUCT INFORMATION FOR THE PLUMBER'S CONVENIENCE. SEE PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

WORK COVERED BY THIS DOCUMENT SHALL INCLUDE ALL LABOR, MATERIAL, PRODUCTS, AND SERVICES FOR, AND INCIDENTAL TO, INSTALLATION OF COMPLETE AND OPERATING PLUMBING SYSTEMS DRAWN OR SPECIFIED.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, INTERNATIONAL PLUMBING CODE W/ AMENDMENTS, INTERNATIONAL FUEL GAS CODE W/ AMENDMENTS, ADA STANDARDS FOR ACCESSIBLE DESIGN AND ALL ADA AMENDMENTS.

ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUAL" BY THE ARCHITECT OR ENGINEER.

INSTALL ALL PLUMBING FIXTURES PER MANUFACTURER'S INSTRUCTIONS.

EXACT LOCATIONS AND ROUGHING REQUIREMENTS FOR ALL FIXTURES AND EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS, LARGE SCALE ARCHITECTURAL DETAILS, AND APPROVED MANUFACTURER'S SHOP DRAWINGS. PARTICULAR ATTENTION SHALL BE DIRECTED TO FIXTURES OR EQUIPMENT FURNISHED UNDER OTHER DIVISIONS.

PIPING IS SHOWN IN ITS GENERAL LOCATION (UNLESS DIMENSIONED). EXACT LOCATION SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HIS WORK WITH THAT OF OTHER TRADES AND ARRANGE PIPING TO CLEAR STRUCTURAL MEMBERS AND DUCTWORK. EXACT LOCATIONS SHALL BE PROVIDED ON 7/8" BUILT DRAWINGS.

MINIMUM SIZE WATER LINE FOR THREE OR MORE FIXTURES SHALL BE 3/4". REFER TO PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL RUNOUT SIZES.

ALL PIPING TO BE CONCEALED IN A WALL, CEILING, OR A CHASE UNLESS OTHERWISE NOTED. PIPING SHOWN OUT OF CHASES FOR CLARITY.

PROVIDE SLEEVES FOR PIPES PASSING THROUGH FLOORS, MASONRY WALLS AND FIRE OR SMOKE PARTITIONS. PACK MINERAL WOOL IN ANNULAR SPACE BETWEEN PIPE SLEEVE.

REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE MOUNTING HEIGHTS. ALL ACCESSIBLE FIXTURES SHALL COMPLY WITH STATE BUILDING CODE AND 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

ARRANGEMENTS OF WORK SHALL BE AS SHOWN. DRAWINGS ARE NOT INTENDED TO INDICATE ALL OFFSETS AND FITTINGS. EXAMINE ALL DRAWINGS, INVESTIGATE CONDITIONS TO BE ENCOUNTERED AND ARRANGE WORK ACCORDINGLY; FURNISH ALL FITTINGS AND OFFSETS.

MEASUREMENT OF DRAWINGS BY SCALE SHALL NOT BE USED AS DIMENSIONS FOR FABRICATION. MEASUREMENTS FOR LOCATING FIXTURES, EQUIPMENT, DUCTWORK, PIPING AND ACCESSORIES SHALL BE MADE ON THE SITE AND SHALL BE BASED ON ACTUAL JOB CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEASUREMENTS WHERE THE CONTRACTOR PREFABRICATES ANY WORK BASED ON THE DRAWINGS WITHOUT VERIFYING ACTUAL JOB CONDITIONS. THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COST INVOLVED IN MAKING CHANGES TO PREFABRICATED WORK WHERE CONTACTS OCCUR.

ARRANGE FOR CHASES, SLOTS, AND OPENINGS IN OTHER BUILDING COMPONENTS DURING PROGRESS OF CONSTRUCTION TO ALLOW FOR INSTALLATIONS.

INSTALL SYSTEMS, MATERIALS, AND EQUIPMENT LEVEL, PLUMB, PARALLEL, AND PERPENDICULAR TO OTHER BUILDING SYSTEMS AND COMPONENTS.

COPPER PIPING SHALL NOT BE INSTALLED IN DIRECT CONTACT WITH MASONRY, CEMENT MORTAR, CONCRETE, OR DISSIMILAR METALS. PLUMBING CONTRACTOR TO PROVIDE SLEEVES AND COORDINATE W/ GENERAL CONTRACTOR DURING SLAB INSTALLATION.

CUTTING AND REPAIRING: THE PLUMBING CONTRACTOR SHALL DO ALL CUTTING AND REPAIRING OF WALLS, FLOORS, CEILING, ETC. NECESSARY FOR THE INSTALLATION OF THE WORK BUT HE SHALL NOT CUT INTO ANY STRUCTURAL MEMBER WITHOUT THE PERMISSION OF THE ARCHITECT.

PROVIDE SHOCK ABSORBERS AS INDICATED ON PLANS.

PLUMBING CONTRACTOR TO PROVIDE PROPER SEPARATION BETWEEN WATER SUPPLY AND WASTE/SANITARY PIPING PER INTERNATIONAL PLUMBING CODE.

PLUMBING CONTRACTOR TO PROVIDE PREPRINTED 1/2" HIGH LETTERED LABELS FOR THE FOLLOWING: INTERIOR MAIN SHUT-OFF VALVE, POTABLE WATER SUPPLY PIPING, & HOT WATER PIPING. LABELS SHOULD BE MOUNTED EVERY 20' ON HORIZONTAL RUNS.

GENERAL CONTRACTOR TO PROVIDE ACCESS PANELS FOR ALL INACCESSIBLE ABOVE CEILING VALVES AND EQUIPMENT. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

**DOMESTIC WATER PIPING:**  
UNDER-BUILDING SLAB, DOMESTIC WATER, BUILDING SERVICE PIPING SHALL BE SOFT COPPER TUBING, ASTM B 88, TYPE K, WITH WROUGHT COPPER, SOLDER-JOINT FITTINGS, AND BRAZED JOINTS. AVOID JOINTS UNDER BUILDING SLAB WHERE POSSIBLE.

ALL OTHER UNDER-BUILDING SLAB, DOMESTIC WATER PIPING SHALL BE SOFT COPPER TUBING, ASTM B 88, TYPE L, WITH WROUGHT COPPER, SOLDER-JOINT FITTINGS, AND BRAZED JOINTS. AVOID JOINTS UNDER BUILDING SLAB WHERE POSSIBLE.

ALL ABOVEGROUND DOMESTIC WATER PIPING SHALL BE HARD COPPER TUBING, ASTM B 88, TYPE L, WITH CAST-OR WROUGHT COPPER, SOLDER-JOINT FITTINGS, AND SOLDERED JOINTS.

ALL INDOOR DOMESTIC COLD, HOT, AND RECIRCULATED HOT WATER PIPING SHALL BE INSULATED. INSTALL INSULATION CONTINUOUSLY THROUGH WALL, PARTITION, FLOOR, AND ROOF PENETRATIONS.

**SANITARY WASTE AND VENT PIPING:**  
ALL SOIL, DRAIN, WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC-DWV WITH SOLVENT WELD JOINTS, CONFORMING TO ASTM D 2866 AND ASTM D 2564. IN AREAS WITH RETURN AIR PLENUM ABOVE THE CEILING, TRANSITION PIPING BELOW CEILING FROM PVC TO HUBLESS CAST-IRON EXTEND CAST IRON VENT THROUGH ROOF. PVP PIPING IS NOT ALLOWED IN RETURN AIR PLENUM SPACES.

ALL SOIL, DRAIN, WASTE AND VENT PIPING LOCATED IN RETURN AIR PLENUMS SHALL BE HUBLESS CAST-IRON SOIL PIPE AND FITTINGS, CONFORMING TO ASTM A 888 OR CISPI 301, WITH CSPI HUBLESS PIPING COUPLINGS, CONFORMING TO ASTM C 1277 AND CISPI 310, AND COUPLED JOINTS.

ALL PIPING PASSING THROUGH THE ROOF SHALL BE FLASHED WITH ROOF FLASHING ASSEMBLY COMPATIBLE WITH THE ROOFING SYSTEM.

**ROOF DRAINAGE PIPING:**  
ALL ROOF DRAINAGE PIPING SHALL BE SCHEDULE 40 PVC-DWV WITH SOLVENT WELD JOINTS, CONFORMING TO ASTM D 2866 AND ASTM D 2564. IN AREAS WITH RETURN AIR PLENUM ABOVE THE CEILING, TRANSITION PIPING BELOW CEILING FROM PVC TO HUBLESS CAST-IRON. PVP PIPING IS NOT ALLOWED IN RETURN AIR PLENUM SPACES.

ALL ROOF DRAINAGE PIPING LOCATED IN RETURN AIR PLENUMS SHALL BE HUBLESS CAST-IRON SOIL PIPE AND FITTINGS, CONFORMING TO ASTM A 888 OR CISPI 301, WITH CSPI HUBLESS PIPING COUPLINGS, CONFORMING TO ASTM C 1277 AND CISPI 310, AND COUPLED JOINTS.

ALL ROOF DRAIN BODIES AND HORIZONTAL ROOF DRAIN CONDUCTORS (PRIMARY AND OVERFLOW) SHALL BE INSULATED. INSTALL INSULATION CONTINUOUSLY THROUGH WALL, PARTITION, FLOOR, AND ROOF PENETRATIONS.

**GAS PIPING:**  
ALL OUTDOOR ABOVEGROUND GAS PIPING SHALL BE SCHEDULE 40, BLACK STEEL PIPE, COMPLYING WITH ASTM A 53, WITH MALLEABLE-IRON FITTINGS AND THREADED JOINTS, COMPLYING WITH ASME B 16.3, OR WROUGHT STEEL FITTINGS AND WELDED JOINTS, COMPLYING WITH ASME B 234. JOINT COMPOUND AND TAPE SHALL BE SUITABLE FOR NATURAL GAS.

ALL INDOOR ABOVEGROUND GAS PIPING SHALL BE SCHEDULE 40, BLACK STEEL PIPE, COMPLYING WITH ASTM A 53, WITH MALLEABLE-IRON FITTINGS AND THREADED JOINTS, COMPLYING WITH ASME B 16.3, OR WROUGHT STEEL FITTINGS AND WELDED JOINTS, COMPLYING WITH ASME B 234. JOINT COMPOUND AND TAPE SHALL BE SUITABLE FOR NATURAL GAS.

PRESSURE REGULATORS SHALL BE SINGLE STAGE AND SUITABLE FOR NATURAL GAS SERVICE. PRESSURE REGULATORS SHALL COMPLY WITH ANSI Z21.80. LINE PRESSURE REGULATORS SHALL COMPLY WITH ANSI Z21.80. APPLIANCE PRESSURE REGULATORS SHALL COMPLY WITH ANSI Z21.19.

GAS PIPING ON ROOF SHALL BE SUPPORTED ON PILLOW BLOCK SUPPORTS, MIRO MODEL 1.5, OR EQUAL.

**THERMAL HANGER SHIELD INSERTS:**  
INSTALL THERMAL HANGER SHIELD INSERT IN PIPE HANGER FOR INSULATED PIPING, WITH PROTECTIVE SADDLE FOR COLD PIPING. INSERT MATERIAL SHALL BE ASTM C562, TYPE II CELLULAR GLASS WITH 100-PSI OR ASTM C591, TYPE VI, GRADE 1 POLYISOCYANURATE WITH 125-PSI MINIMUM COMPRESSIVE STRENGTH AND VAPOR BARRIER. FOR HOT PIPING, INSERT MATERIAL SHALL BE WATER-REPELLENT-TREATED, ASTM C533, TYPE I CALCIUM SILICATE WITH 100-PSI, ASTM C562, TYPE II CELLULAR GLASS WITH 100-PSI, OR ASTM C591, TYPE VI, GRADE 1 POLYISOCYANURATE WITH 125-PSI MINIMUM COMPRESSIVE STRENGTH.

**SLEEVES AND SLEEVE SEALS:**  
INSTALL SLEEVES FOR PIPING PASSING THROUGH PENETRATIONS IN FLOORS, PARTITIONS, WALLS, AND WALLS IN CONCRETE, CONCRETE BLOCK, CONCRETE ROOF SLABS, AND CONCRETE WALLS AS NEW SLABS AND WALLS ARE CONSTRUCTED. CUT SLEEVES TO LENGTH FOR MOUNTING FLUSH WITH BOTH SURFACES. USING GROUT OR SILICONE SEALANT, SEAL OUTSIDE OF SLEEVES IN SLABS AND WALLS WITHOUT SLEEVE SEAL SYSTEM. INSTALL SLEEVES THAT ARE LARGE ENOUGH TO PROVIDE 1/4-INCH ANNULAR CLEAR SPACE BETWEEN SLEEVE AND PIPE OR PIPE INSULATION. SEAL ANNULAR SPACE BETWEEN SLEEVE AND PIPING OR PIPING INSULATION. FOR SLEEVES THAT WILL HAVE SLEEVE SEAL SYSTEM INSTALLED, SELECT SLEEVES OF SIZE LARGE ENOUGH TO PROVIDE 1/4-INCH ANNULAR CLEAR SPACE BETWEEN PIPING AND CONCRETE SLABS AND WALLS. SLEEVES ARE NOT REQUIRED FOR CORE-DRILLED HOLES. MAINTAIN INDICATED FIRE OR SMOKE RATING OF WALLS, PARTITIONS, CEILING, AND FLOORS AT PIPE PENETRATIONS THROUGH RATED CONSTRUCTION; SEAL PIPE PENETRATIONS WITH FIRE-AND SMOKE-STOP MATERIALS.

USE SLEEVES AND SLEEVE SEALS FOR THE FOLLOWING PIPING-PENETRATION APPLICATIONS:  
EXTERIOR CONCRETE WALLS ABOVE GRADE: STEEL PIPE SLEEVES, ASTM A 53, TYPE E, GRADE B; SCHEDULE 40 GALVANIZED, WITH PLAIN ENDS AND INTEGRAL WATERSTOP COLLAR.  
EXTERIOR CONCRETE WALLS BELOW GRADE: CAST IRON PIPE SLEEVES, WITH PLAIN ENDS AND INTEGRAL WATERSTOP COLLAR WITH SLEEVE-SEAL SYSTEM.  
CONCRETE SLAB-ON-GRADE: CAST IRON PIPE SLEEVES, WITH PLAIN ENDS AND INTEGRAL WATERSTOP COLLAR WITH SLEEVE-SEAL SYSTEM.  
CONCRETE SLABS ABOVE GRADE: STACK-SLEEVE FITTINGS.  
INTERIOR PARTITIONS: STEEL PIPE SLEEVES, ASTM A 53, TYPE E, GRADE B; SCHEDULE 40 GALVANIZED, WITH PLAIN ENDS AND INTEGRAL WELDED WATERSTOP COLLAR FOR PIPING SMALLER THAN NPS 8; GALVANIZED STEEL SHEET SLEEVES, 0.0239-INCH MINIMUM THICKNESS, ROUND TUBE CLOSED WITH WELDED LONGITUDINAL JOINT FOR PIPING NPS 6 AND LARGER.

**FIELD QUALITY CONTROL:**  
ALL DOMESTIC WATER PIPING SHALL BE TESTED FOR LEAKS AND DEFECTS; FILL DOMESTIC WATER PIPING, CAP, AND SUBJECT PIPING TO STATIC WATER PRESSURE OF 50 PSIG ABOVE OPERATING PRESSURE, WITHOUT EXCEEDING PRESSURE RATING OF PIPING SYSTEM MATERIALS. SOLICIT TEST SCHEDULE AND ALLOW IT TO STAND FOR FOUR HOURS.

LEAKS AND LOSS IN TEST PRESSURE CONSTITUTE DEFECTS THAT MUST BE REPAIRED. LEAVE DOMESTIC WATER PIPING UNCOVERED AND UNCONCEALED UNTIL IT HAS BEEN TESTED AND APPROVED.

ALL SANITARY WASTE AND VENT PIPING SHALL BE TESTED FOR LEAKS AND DEFECTS AT COMPLETION OF ROUGH-IN. CLOSE OPENINGS IN PIPING SYSTEM AND FILL WITH WATER TO POINT OF OVERFLOW, BUT NOT LESS THAN 10-FOOT HEAD OF WATER. FROM 15 MINUTES BEFORE INSPECTION STARTS TO COMPLETION OF INSPECTION, WATER LEVEL MUST NOT DROP. INSPECT JOINTS FOR LEAKS. REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST PIPING, OR PORTIONS THEREOF, UNTIL SATISFACTORY RESULTS ARE OBTAINED. INSTALL TEST TEES WHEN THE SYSTEM IS TO BE TESTED IN SECTIONS. LEAVE SANITARY WASTE AND VENT PIPING UNCOVERED AND UNCONCEALED UNTIL IT HAS BEEN TESTED AND APPROVED.

ALL ROOF DRAINAGE PIPING SHALL BE TESTED FOR LEAKS AND DEFECTS AT COMPLETION OF ROUGH-IN. CLOSE OPENINGS IN PIPING SYSTEM AND FILL WITH WATER TO POINT OF OVERFLOW, BUT NOT LESS THAN 10-FOOT HEAD OF WATER. FROM 15 MINUTES BEFORE INSPECTION STARTS TO COMPLETION OF INSPECTION, WATER LEVEL MUST NOT DROP. INSPECT JOINTS FOR LEAKS. REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST PIPING, OR PORTIONS THEREOF, UNTIL SATISFACTORY RESULTS ARE OBTAINED. INSTALL TEST TEES WHEN THE SYSTEM IS TO BE TESTED IN SECTIONS. LEAVE ROOF DRAINAGE PIPING UNCOVERED AND UNCONCEALED UNTIL IT HAS BEEN TESTED AND APPROVED.

TEST, INSPECT, AND PURGE NATURAL GAS PIPING SYSTEM IN ACCORDANCE TO THE INTERNATIONAL FUEL GAS CODE AND AUTHORITIES HAVING JURISDICTION.

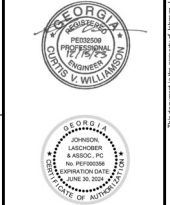
PLUMBING LEGEND	
SYMBOL	DESCRIPTION
FD	FLOOR DRAIN (SEE SCHEDULE)
HD	HUB DRAIN (SEE SCHEDULE)
WCO	WALL CLEANOUT (SEE SCHEDULE)
FCO	FLOOR CLEANOUT (SEE SCHEDULE)
GCO	GROUND CLEANOUT (SEE SCHEDULE)
VTR	VENT THROUGH ROOF
V	VENT PIPE
W	WASTE PIPING
S	SANITARY PIPING
CW	COLD WATER PIPING
HW	HOT WATER PIPING
P.R.V.	PRESSURE REDUCING VALVE
B.F.P.	BACKFLOW PREVENTER
U.N.O.	UNLESS NOTED OTHERWISE
TYP.	TYPICAL
DWN.	DOWN
SD	STORM DRAINAGE PIPING
FM	FORCE MAIN
RD	ROOF DRAIN
EM	EMERGENCY ROOF DRAIN
CO	EXISTING
(E)	EXISTING
I.E.	INVERT ELEVATION
B.O.P.	BOTTOM OF PIPE ELEVATION
DB	FULL PORT BALL VALVE
3/4" WH	WALL HYDRANT (SEE PLUMBING SCHEDULE)
G	PIPE DOWN
O	PIPE UP

**APPLICABLE CODES AND STANDARDS**

CODES AND STANDARDS	EDITION
INTERNATIONAL BUILDING CODE (IBC)	2018
INTERNATIONAL PLUMBING CODE (IPC)	2018
INTERNATIONAL FUEL GAS CODE (IFGC)	2018
INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	2015
ADA STANDARDS FOR ACCESSIBLE DESIGN	2010



CLIENT: AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME: AUGUSTA MUSEUM OF HISTORY  
PROJECT LOCATION: 660 REYNOLDS ST., AUGUSTA, GA 30901



NO.	REV.	DATE	BY	DESCRIPTION
1	12/11/22		CW	ISSUED FOR CONSTRUCTION
0	08/03/22		CW	ISSUED FOR CONSTRUCTION

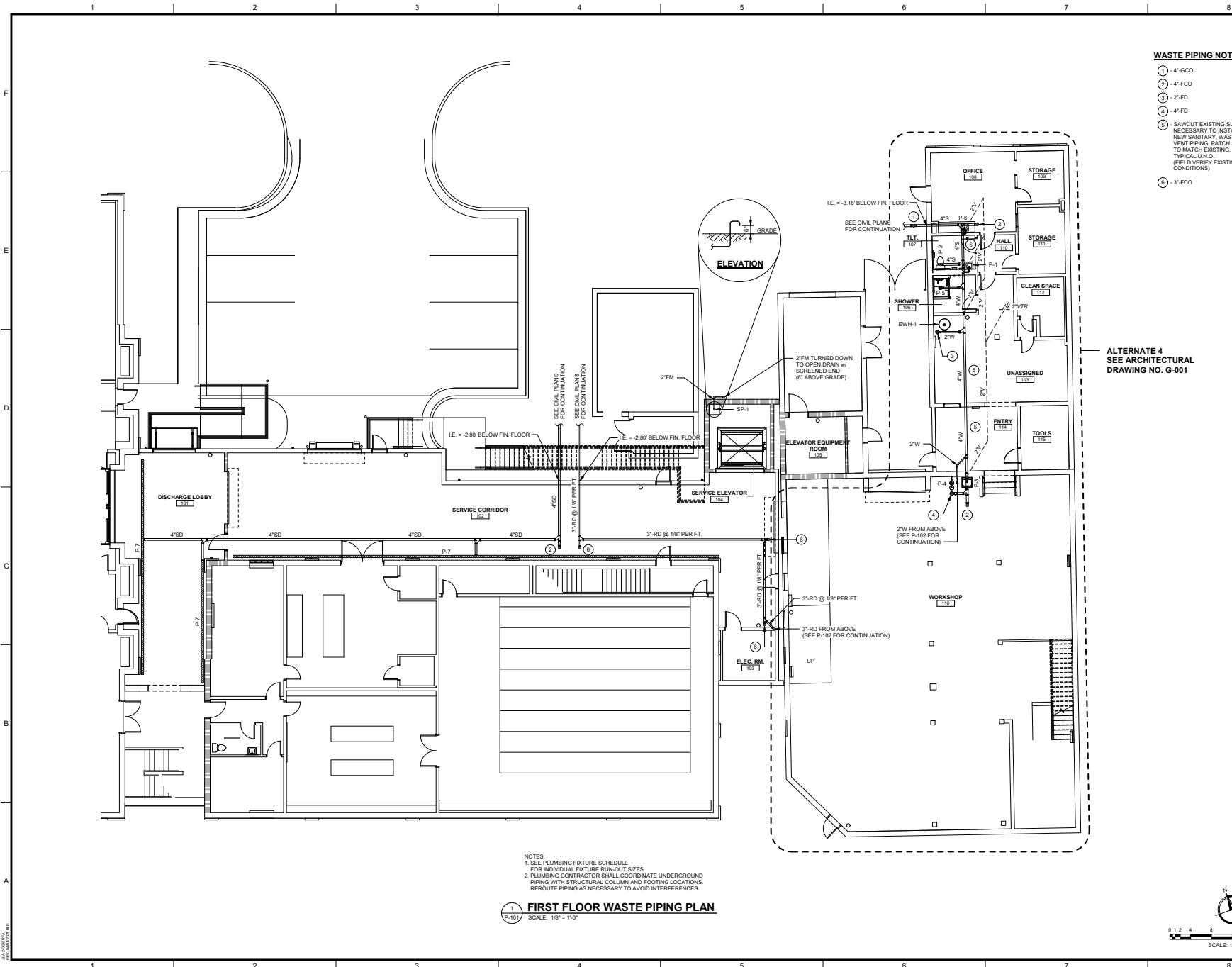
PROJECT NO: 3042-2103  
DRAWN BY: WBR  
CHECKED BY: CVW  
DATE: 08/03/2022

SHEET TITLE:  
**PLUMBING GENERAL NOTES AND LEGEND**

SCALE: AS NOTED  
DRAWING NO: **P-001**  
REV: 1

AUGUSTA, GA 30901

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and its use or disclosure to any third party without the express written consent of Johnson, Laschober & Associates, P.C. is prohibited.



**WASTE PIPING NOTES:**

- ① - 4" GCO
- ② - 4" FCO
- ③ - 2" FD
- ④ - 4" FD
- ⑤ - SAWCUT EXISTING SLAB AS NECESSARY TO INSTALL NEW SANITARY, WASTE AND VENT PIPING. PATCH SLAB TO MATCH EXISTING TYPICAL L.I.O. (FIELD VERIFY EXISTING CONDITIONS)
- ⑥ - 3" FCO

ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

NOTES:  
1. SEE PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL FIXTURE RUN-OUT SIZES.  
2. PLUMBING CONTRACTOR SHALL COORDINATE UNDERGROUND PIPING WITH STRUCTURAL COLUMN AND FOOTING LOCATIONS. REROUTE PIPING AS NECESSARY TO AVOID INTERFERENCES.

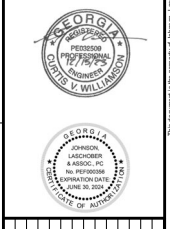
**1 FIRST FLOOR WASTE PIPING PLAN**  
SCALE: 1/8" = 1'-0"



Since 1980  
Architects • Engineers • Landscape Architects

**JOHNSON, LASCHOB & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9756 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLACORP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
600 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**  
PROJECT LOCATION: **600 REYNOLDS ST., AUGUSTA, GA 30901**



NO.	DATE	BY	DESCRIPTION
1	12/1/2021	CWV	ISSUED FOR CONSTRUCTION
0	08/03/2022	CWV	ISSUED FOR CONSTRUCTION

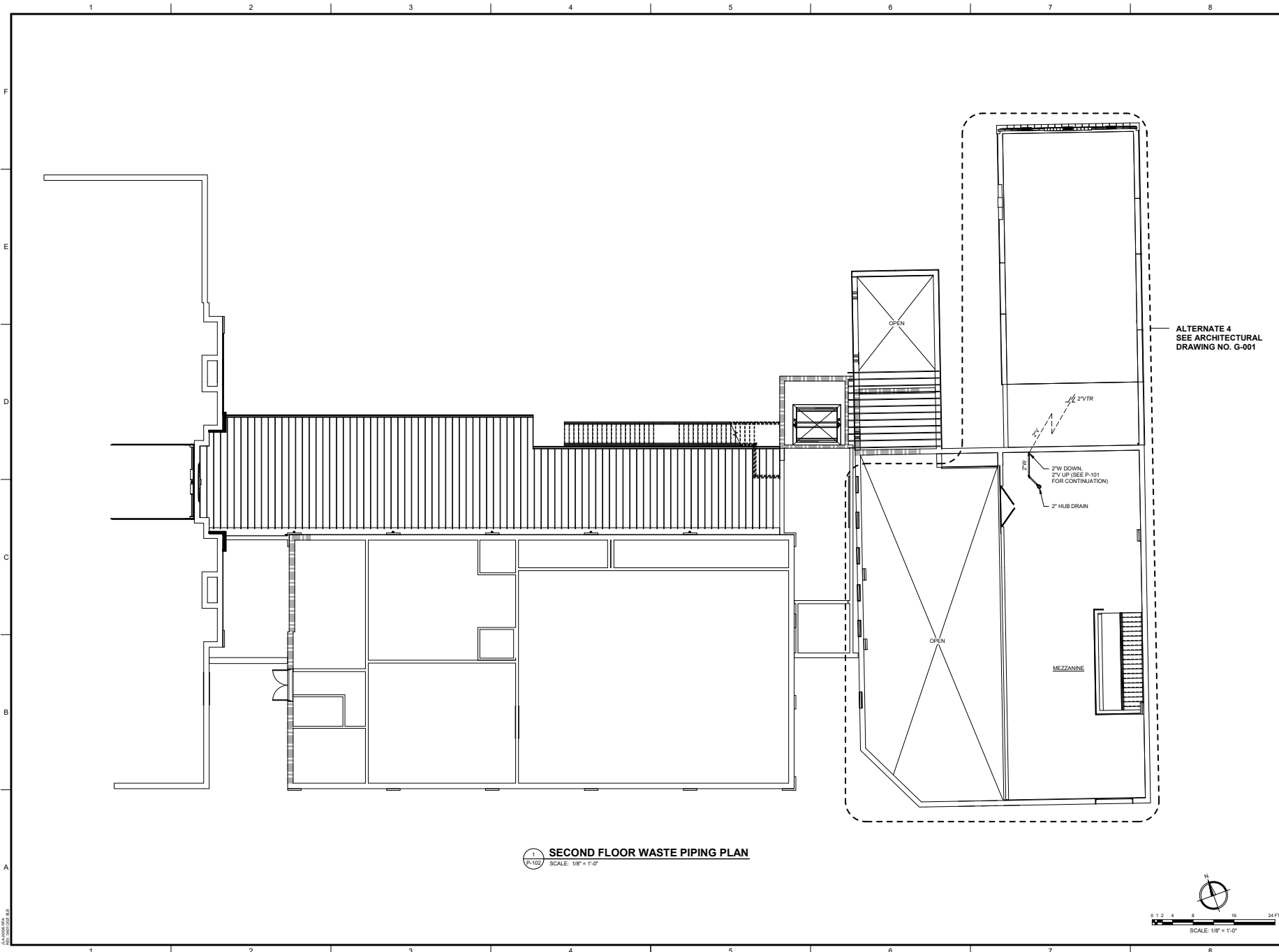
PROJECT NO: 3042.2103  
DRAWN BY: WBR  
CHECKED BY: CWV  
DATE: 08/03/2022

**FIRST FLOOR WASTE PIPING PLAN**

SCALE: AS NOTED

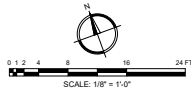
DRAWING NO: **P-101** REV: **1**

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and proprietary. It is not to be distributed, copied, or otherwise used without the express written permission of Johnson, Laschober & Associates, P.C.



ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

**1 SECOND FLOOR WASTE PIPING PLAN**  
SCALE: 1/8" = 1'-0"

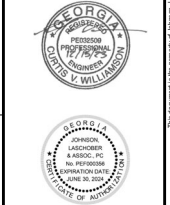


Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER &  
ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-5756 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLAGROUP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: 660 REYNOLDS ST., AUGUSTA, GA 30901



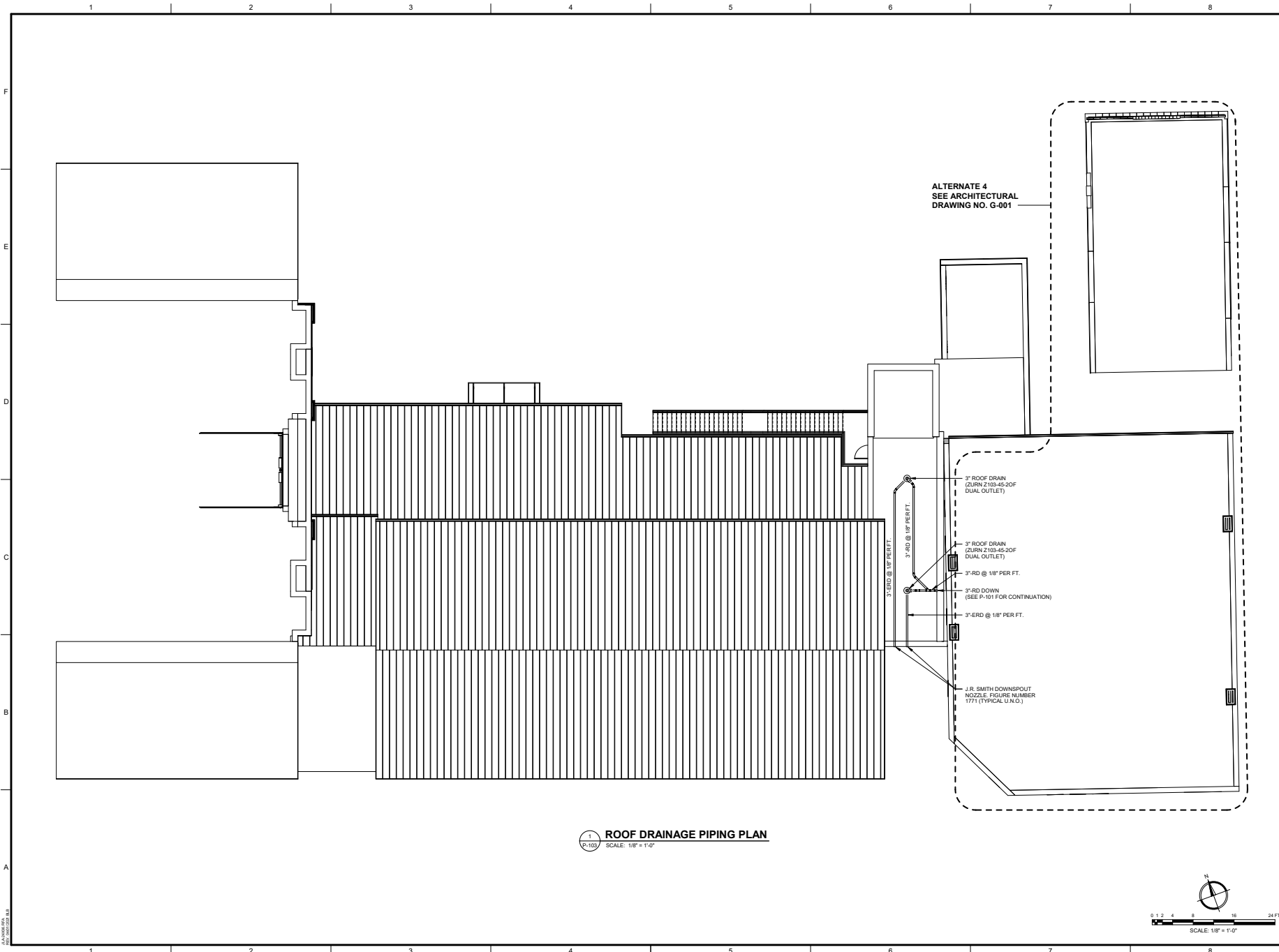
REV.	DATE	BY	DESCRIPTION
1	12/11/22	CVW	ISSUED FOR CONSTRUCTION
0	08/03/22	CVW	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: WBR  
CHECKED BY: CVW  
DATE: 08/03/2022

SHEET TITLE:  
**SECOND FLOOR  
WASTE PIPING  
PLAN**

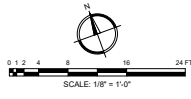
SCALE	AS NOTED
DRAWING NO:	REV:
<b>P-102</b>	<b>1</b>

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and proprietary. It is not to be distributed, copied, or otherwise used without the prior written consent of Johnson, Laschober & Associates, P.C.

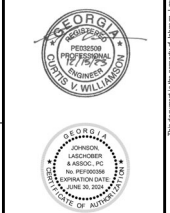


ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

1  
P-103 ROOF DRAINAGE PIPING PLAN  
SCALE: 1/8" = 1'-0"



CLIENT: AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME: AUGUSTA MUSEUM OF HISTORY  
PROJECT LOCATION: 660 REYNOLDS ST., AUGUSTA, GA 30901



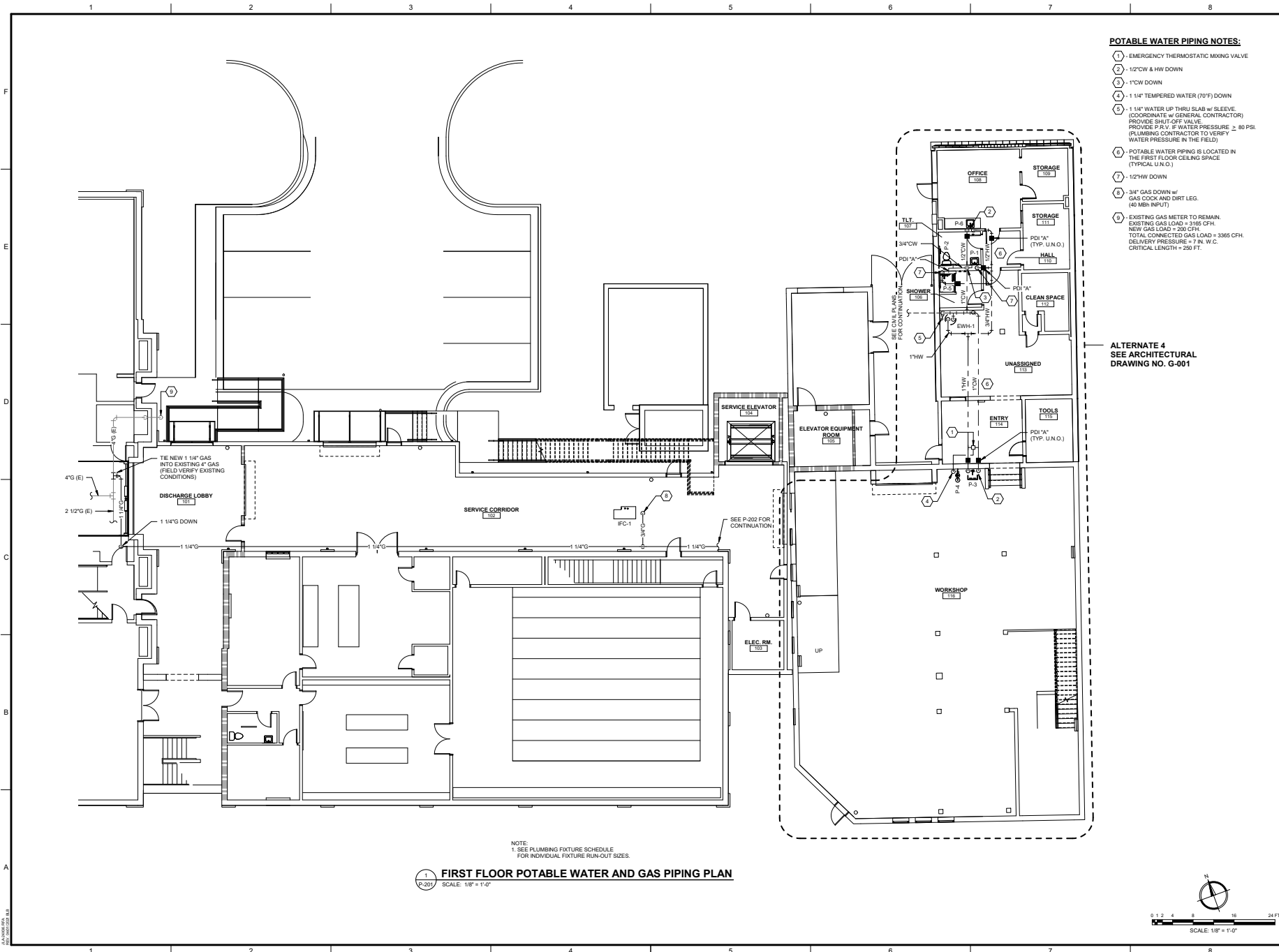
NO.	DATE	BY	DESCRIPTION
1	12/1/2023	CVW	ISSUED FOR CONSTRUCTION
0	08/03/2022	CVW	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: WBR  
CHECKED BY: CVW  
DATE: 08/03/2022

SHEET TITLE:  
**ROOF DRAINAGE PIPING PLAN**

SCALE AS NOTED	
DRAWING NO.	REV.
<b>P-103</b>	<b>1</b>

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and proprietary. Any reproduction or distribution of this document without the written consent of Johnson, Laschober & Associates, P.C. is strictly prohibited.



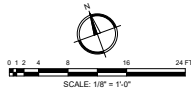
**POTABLE WATER PIPING NOTES:**

- ① - EMERGENCY THERMOSTATIC MIXING VALVE
- ② - 1/2" CW & HW DOWN
- ③ - 1" CW DOWN
- ④ - 1 1/4" TEMPERED WATER (70°F) DOWN
- ⑤ - 1 1/4" WATER UP THRU SLAB w/ SLEEVE (COORDINATE w/ GENERAL CONTRACTOR) PROVIDE SHUT-OFF VALVE PROVIDE P.F.V. IF WATER PRESSURE ≥ 80 PSI (PLUMBING CONTRACTOR TO VERIFY WATER PRESSURE IN THE FIELD)
- ⑥ - POTABLE WATER PIPING IS LOCATED IN THE FIRST FLOOR CEILING SPACE (TYPICAL U.N.O.)
- ⑦ - 1/2" HW DOWN
- ⑧ - 3/4" GAS DOWN w/ GAS COOK AND DIRT LEG. (40 MBH INPUT)
- ⑨ - EXISTING GAS METER TO REMAIN. EXISTING GAS LOAD = 3165 CFH. NEW GAS LOAD = 200 CFH. TOTAL CONNECTED GAS LOAD = 3365 CFH. DELIVERY PRESSURE = 7 IN. W.C. CRITICAL LENGTH = 250 FT.

ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

NOTE:  
1. SEE PLUMBING FIXTURE SCHEDULE  
FOR INDIVIDUAL FIXTURE RUN-OUT SIZES.

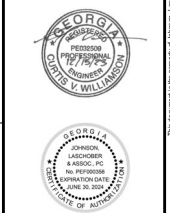
**1 FIRST FLOOR POTABLE WATER AND GAS PIPING PLAN**  
SCALE: 1/8" = 1'-0"



CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
600 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **600 REYNOLDS ST., AUGUSTA, GA 30901**



NO.	DATE	BY	DESCRIPTION
1	12/01/2022	CVW	ISSUED FOR CONSTRUCTION
0	08/03/2022	CVW	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: WBR  
CHECKED BY: CVW  
DATE: 08/03/2022

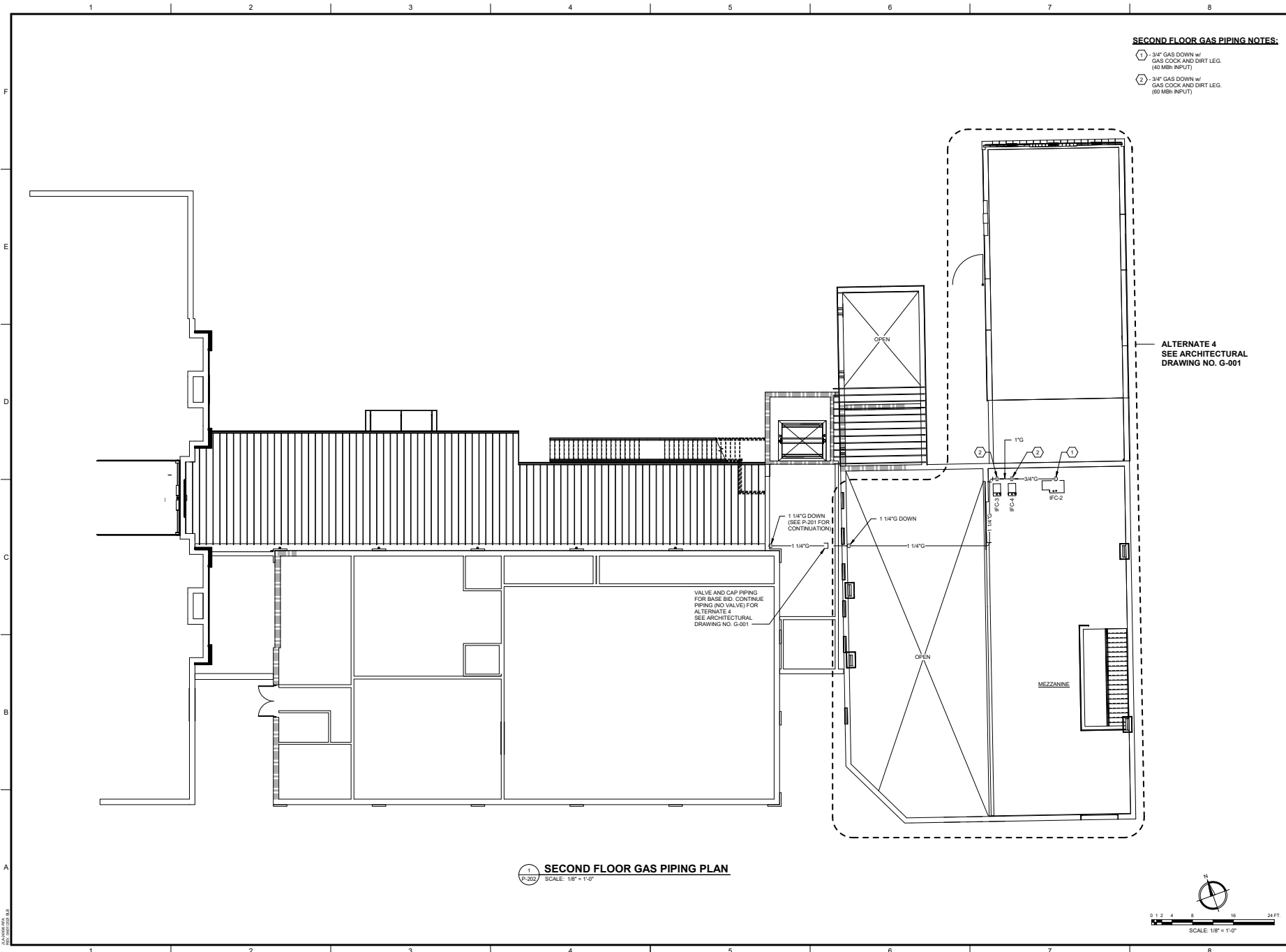
SHEET TITLE:  
**FIRST FLOOR  
POTABLE WATER  
AND GAS PIPING  
PLAN**

SCALE: AS NOTED

DRAWING NO: **P-201**

REV: **1**

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and proprietary. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Johnson, Laschober & Associates, P.C.



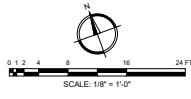
**SECOND FLOOR GAS PIPING NOTES:**

- ① 3/4" GAS DOWN w/ GAS COOK AND DIRT LEG. (40 MBH INPUT)
- ② 3/4" GAS DOWN w/ GAS COOK AND DIRT LEG. (60 MBH INPUT)

ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

VALVE AND GAS PIPING  
FOR BASE BID. CONTINUE  
PIPING (NO VALVE) FOR  
ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

① **SECOND FLOOR GAS PIPING PLAN**  
SCALE: 1/8" = 1'-0"

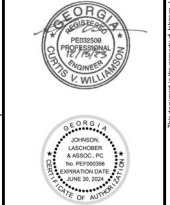


Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-5756 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLAGROUP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
600 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: 600 REYNOLDS ST., AUGUSTA, GA 30901



REV.	DATE	BY	DESCRIPTION
1	12/1/22	CVW	ISSUED FOR CONSTRUCTION
0	08/03/22	CVW	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: WBR  
CHECKED BY: CVW  
DATE: 08/03/2022

**SECOND FLOOR GAS PIPING PLAN**

SCALE: AS NOTED

DRAWING NO:	REV:
<b>P-202</b>	<b>1</b>

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and proprietary. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Johnson, Laschober & Associates, P.C.



MARK	FIXTURE	NOM. PIPE SIZE				DESCRIPTION
		CW	HW	W	V	
P-1	WALL-HUNG LAVATORY (H.C.)	1/2"	1/2"	2"	1 1/2"	AMERICAN STANDARD 0385.012 ACCESSIBLE LAVATORY, AMERICAN STANDARD 7385.050 FAUCET, GRID DRAIN, ANGLE STOPS, & 3/8" SUPPLIES, PLUMBEXX HANDY-SHIELD MODEL 2003
P-2	WATER CLOSET (H.C.)	1/2"	-	4"	2"	AMERICAN STANDARD CADET PRO 215AB-104, 1.28 GAL. FLUSH w/ CHURCH 299C TOILET SEAT
P-3	LAUNDRY TUB (FLOOR MOUNTED)	1/2"	1/2"	2"	2"	FIAT MODEL FL-1 LAUNDRY TUB w/ HAWKS-A-1 FAUCET AND STRAINER
P-4	SAFETY SHOWER w/ EYE WASH	1"	1"	-	-	HAWKS MODEL 8228-8322 COMBINATION SHOWER & EYEWASH WASH w/ HAWKS MODEL 5201E THERMOSTATIC MIXING VALVE
P-5	SHOWER (H.C.) (LEFT HANDED SEAT)	1/2"	1/2"	2"	2"	FREEDOM SHOWER APF038378/SP-R/R/T TRANSFER SHOWER, RIGHT HAND VALVE, FOLD-UP SEAT ON THE LEFT, CALULLESS SHOWER DRAIN, GRAB BARS, SHOWER ROD AND CURTAIN, SYMONS TEMPTROL C-86-1-X-1.5 SHOWER VALVE SYSTEM, SYMONS T796-1.5 HAND SHOWER AND DUAL OUTLET DIVERTER VALVE
P-6	SINK	1/2"	1/2"	2"	1 1/2"	JUST SLX-1815-A GR SINK 18"X10"X4" (3 HOLE), AMERICAN STANDARD 6540.178 FAUCET, ANGLE STOPS, & 3/8" SUPPLIES
P-7	TRENCH DRAIN SYSTEM	-	-	4"	-	J.R. SMITH 9930 SERIES ENVIRO-FLD II DRAIN SYSTEM
3/4"WH	WALL HYDRANT	3/4"	-	-	-	J.R. SMITH MODEL 3390T FOR 8" WALL THICKNESS, WARNING - FAUCET MUST BE INSTALLED w/ DOWNWARD PITCH TOWARD NOZZLE & HOSE MUST BE REMOVED IN FREEZING WEATHER OR FAUCET MAY FREEZE & BURST.
EW-1	ELEC. WATER HEATER	1"	1"	-	-	A.O. SMITH MODEL DEN-89, 80 GALLON CAP NON-SIMULTANEOUS 4500W, 208/1A/60 RECOVERY RATE OF 18 GPH AT A 100° F TEMP. RISE (PROVIDE TACO LEAKBREAKER WATER HEATER SHUT-OFF)

NOTES: 1. ALL FIXTURES, FITTINGS, AND TRIM TO COMPLY WITH THE LATEST REVISION OF THE AMERICAN DISABILITIES ACT, WHERE APPLICABLE.  
2. RIM HEIGHT SHALL COMPLY w/ ADA REQUIREMENTS AND STANDARD MANUFACTURER RECOMMENDED INSTALLATION HEIGHTS FOR NON-ADA FIXTURES.  
3. PLUMBING CONTRACTOR TO COORDINATE w/ COUNTER TOP CONTRACTOR BEFORE ORDERING SINKS.

HANGERS & SUPPORTS				
SPACING: DO NOT EXCEED THE FOLLOWING SPACING, ON CENTERS				
PIPE SIZE	SCI 40 PVC	COPPER	STEEL	HANGER ROD DIA.
1/2" - 3/4"	4 FT.	5 FT.	7 FT.	1/4"
1"	4 FT.	6 FT.	7 FT.	1/4"
1 1/2"	4 FT.	6 FT.	8 FT.	3/8"
2"	4 FT.	8 FT.	10 FT.	3/8"
2 1/2"	4 FT.	9 FT.	11 FT.	3/8"
3"	4 FT.	10 FT.	12 FT.	3/8"
4"	4 FT.	10 FT.	12 FT.	1/2"

WATER HAMMER ARRESTER SCHEDULE	
SYMBOL	FIXTURE UNIT RATING
PDI "A"	1-11
PDI "B"	12-32
PDI "C"	33-60
PDI "D"	61-113
PDI "E"	114-154
PDI "F"	155-330

NOTE: USE METAL-BELLOWS TYPE WITH PRESSURIZED METAL CUSHIONING CHAMBER, COMPLYING WITH STANDARD P.D.I. WH-201.

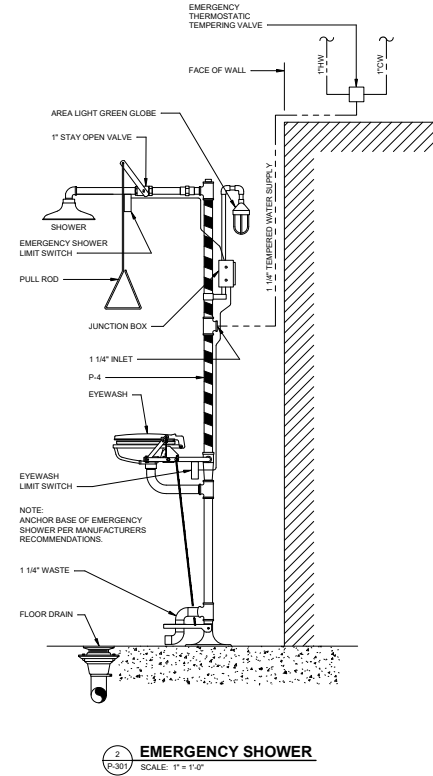
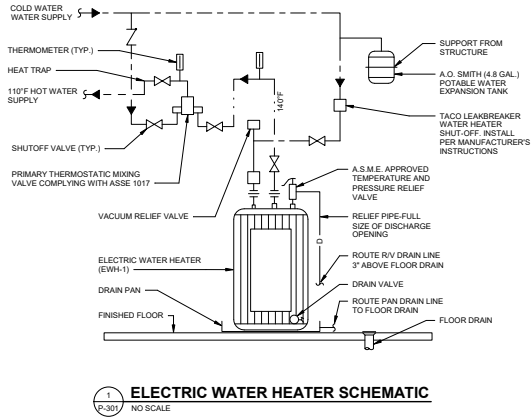
SUMP PUMP SCHEDULE						
MARK	BASIS OF DESIGN		SERVES	GPM	T.D.H (FT)	ELECTRICAL V/Ø/Hz
	MANUFACTURER	MODEL				
SP-1	STANCOR	SE-50	ELEVATOR	50	20	115/1Ø0

- NOTES:  
1. PROVIDE STANCOR OIL-MINDER CONTROL SYSTEM OR EQUAL.  
2. PROVIDE ACCESSIBLE CHECK VALVE AND GATE VALVE IN DISCHARGE PIPING OF SUMP PUMP.

FLOOR DRAIN & CLEANOUT SCHEDULE				
SYMBOL	BASIS OF DESIGN		PROVIDE	NOTES
	MANUFACTURER	MODEL		
FD	J.R. SMITH	2610-B	⊙	
GCO	J.R. SMITH	4237	⊙	
FCO	J.R. SMITH	4040	⊙	
WCO	J.R. SMITH	4452-U	⊙	
HD	MIFAB	F1100-DD	⊙	

FLOOR DRAIN & CLEANOUT ACCESSORIES	
SYMBOL	PROVIDE
⊙	PROVIDE MANUFAC. RECOMMENDED STRAINER SIZE (BASED ON OUTLET SIZE)
⊙	PROVIDE TRAP SEAL DEVICE (PROSET TRAP GUARD OR EQUAL)

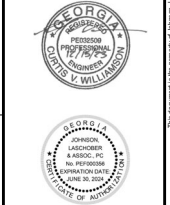
NOTES:  
1. PROVIDE PROSET "I-RITE" DRAINS ON ALL FLOOR/SHOWER/HUB DRAINS THAT ARE THROUGH PENETRATION OF A FIRE RATED FLOOR.  
2. COORDINATE FLOOR FINISHES w/ FLOOR DRAINS AND FLOOR CLEANOUTS. (ADJUST FLOOR DRAIN AND FLOOR CLEANOUT ELEVATIONS AS REQUIRED)



CLIENT: AUGUSTA MUSEUM OF HISTORY  
600 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: AUGUSTA MUSEUM OF HISTORY

PROJECT LOCATION: 600 REYNOLDS ST., AUGUSTA, GA 30901



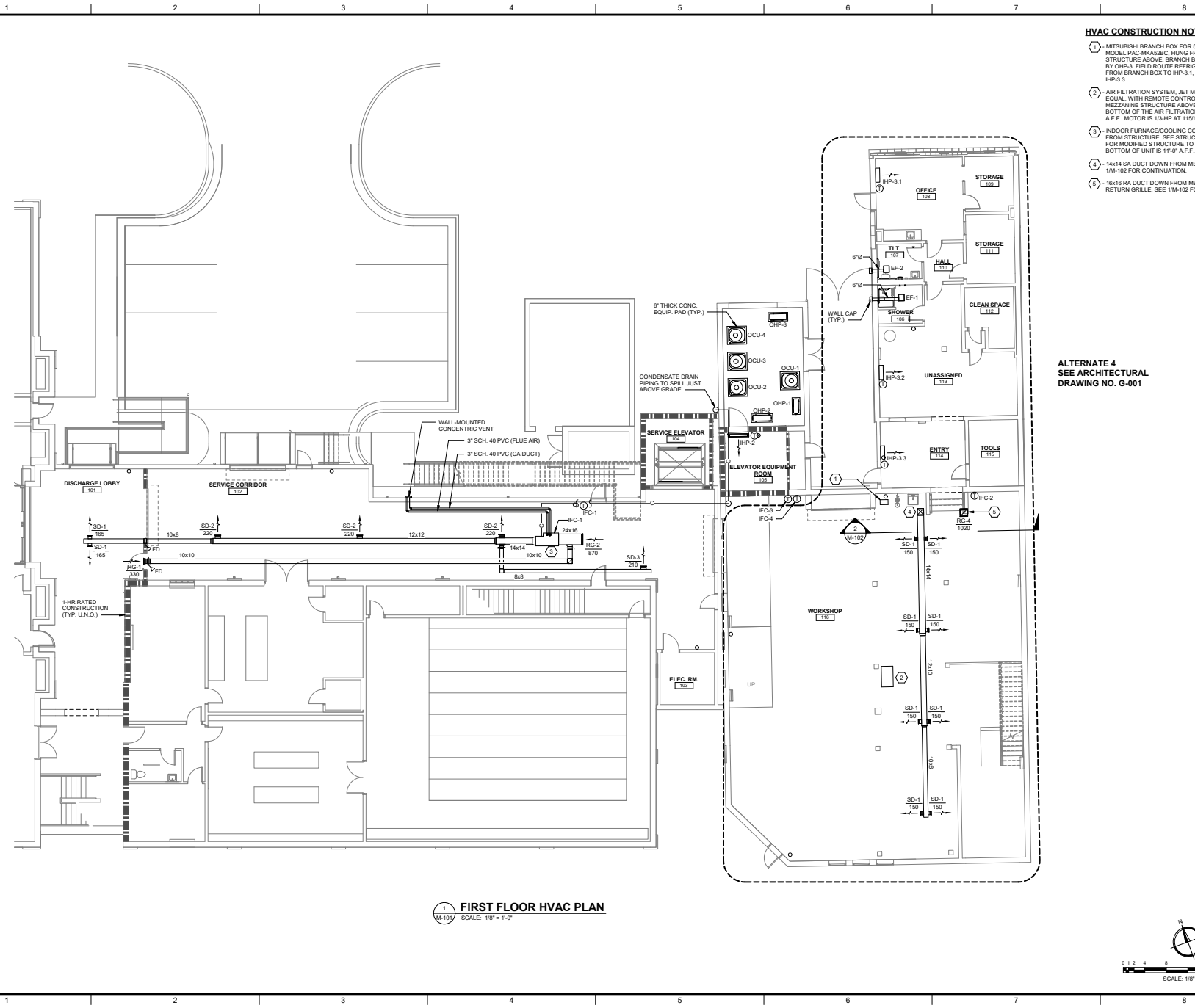
NO.	DATE	BY	DESCRIPTION
1	12/11/2021	CW	ISSUED FOR CONSTRUCTION
0	08/03/2022	CW	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: WBR  
CHECKED BY: CVW  
DATE: 08/03/2022

SHEET TITLE: PLUMBING SCHEDULES AND DETAILS

SCALE: AS NOTED  
DRAWING NO: P-301  
REV: 1

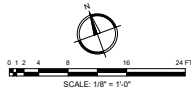




- HVAC CONSTRUCTION NOTES:**
- 1 MITSUBISHI BRANCH BOX FOR 5 BRANCHES, MODEL PAC-MKA25BC, HUNG FROM MEZZANINE STRUCTURE ABOVE. BRANCH BOX IS POWERED BY OHP-3. FIELD ROUTE REFRIGERANT PIPING FROM BRANCH BOX TO IHP-3.1, IHP-3.2, AND IHP-3.3.
  - 2 AIR FILTRATION SYSTEM, JET MODEL AFS-2000, OR EQUAL, WITH REMOTE CONTROL, HANG FROM MEZZANINE STRUCTURE ABOVE WITH THE BOTTOM OF THE AIR FILTRATION SYSTEM 8'-6" A.F.F., MOTOR IS 1/2-HP AT 119'160.
  - 3 INDOOR FURNACE/COOLING COIL, SUSPENDED FROM STRUCTURE, SEE STRUCTURAL DRAWINGS FOR MODIFIED STRUCTURE TO SUPPORT UNIT. BOTTOM OF UNIT IS 11'-0" A.F.F.
  - 4 14x14 SA DUCT DOWN FROM MEZZANINE. SEE 1M-102 FOR CONTINUATION.
  - 5 16x16 RA DUCT DOWN FROM MEZZANINE TO RETURN GRILLE. SEE 1M-102 FOR CONTINUATION.

ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

**1 FIRST FLOOR HVAC PLAN**  
SCALE: 1/8" = 1'-0"



Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOB & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-5756 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLAGROUP.COM



NO.	DATE	BY	DESCRIPTION
1	12/19/22	MNB	ISSUED FOR CONSTRUCTION
0	08/03/22	MNB	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042-2103  
DRAWN BY: MNB  
CHECKED BY: CVW  
DATE: 08/03/2022

**FIRST FLOOR HVAC PLAN**

SCALE	AS NOTED	REV.
DRAWING NO:		
<b>M-101</b>		<b>1</b>

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and proprietary. No part of this document may be reproduced without the prior written consent of Johnson, Laschober & Associates, P.C.



OUTDOOR CONDENSING UNIT SCHEDULE												
MARK	BASIS OF DESIGN		COOLING CAPACITY		REFRIG. O.D.		MIN.		ELECTRICAL			
	MANUFACTURER	MODEL	TOTAL (MBH)	SENSIBLE (MBH)	LIQUID	SUCTION	EER/SEER	MCA	MOCP	VOLTAGE	PHASE	HZ
OCU-1	TRANE	4TTR4036LT	35.3	25.2	3/8	3/4	14.0	18.0	30	208	1	60
OCU-2	TRANE	4TTR4036LT	35.3	25.2	3/8	3/4	14.0	18.0	30	208	1	60
OCU-3	TRANE	4TTR4048LT	48.0	36.9	3/8	7/8	14.0	24.0	40	208	1	60
OCU-4	TRANE	4TTR4048LT	48.0	36.9	3/8	7/8	14.0	24.0	40	208	1	60

1. BASE BID 2. ALTERNATE 4

INDOOR FURNACE/COOLING COIL UNIT SCHEDULE												
MARK	BASIS OF DESIGN		E.S.P. (IN WC)	NOM. CFM	OA CFM	HEATING		ELECTRICAL				
	MANUFACTURER	FURNACE MODEL				COOLING COIL MODEL	INPUT (MBH)	MIN. EFF. (%)	MCA	MOCP	VOLTAGE	PHASE
IFC-1	TRANE	S9X8060U4PSB	0.5	1,200	0	40.0	96.0	8.8	15	115	1	60
IFC-2	TRANE	S9X8060U4PSB	0.5	1,200	190	40.0	96.0	8.8	15	115	1	60
IFC-3	TRANE	S9X8060U4PSB	0.5	1,600	250	60.0	96.0	11.3	15	115	1	60
IFC-4	TRANE	S9X8060U4PSB	0.5	1,600	250	60.0	96.0	11.3	15	115	1	60

1. FIELD ROUTE CONDENSATE DRAIN PIPING TO FLOOR DRAIN ON MEZZANINE 2. FIELD ROUTE REFRIGERANT PIPING TO CORRESPONDING OCU U.N.O. 3. MIN. MERV 8 FILTER 4. CONDENSING FURNACE 5. FIELD ROUTE CONDENSATE DRAIN PIPING TO OUTDOORS BEHIND 104 SERVICE ELEVATOR 6. INSTALL BIPOLAR IONIZATION DEVICE GPS MODEL GPS-FC24-AC, OR EQUAL, IN UNIT 7. BASE BID 8. ALTERNATE 4

DUCTLESS OUTDOOR HEAT PUMP SCHEDULE												
MARK	BASIS OF DESIGN		TOTAL COOLING (MBH)	TOTAL HEATING (MBH)	REFRIG. O.D.		MIN. EER/SEER	MCA	MOCP	ELECTRICAL		
	MANUFACTURER	MODEL			LIQUID	SUCTION				VOLTAGE	PHASE	HZ
DHP-1	MITSUBISHI	PUL-A12NK7	11.5	8.9	1/4	1/2	14.0	11.0	25	208	1	60
DHP-2	MITSUBISHI	PUL-A12NK7	36.3	-	3/8	5/8	14.0	25.0	30	208	1	60
DHP-3	MITSUBISHI	MOZ-4C30N4Z2	35.4	45.7	3/8	5/8	14.0	42.0	50	208	1	60

1. UNIT POWERS 2. PROVIDE DISCONNECT SWITCH 3. FIELD ROUTE REFRIGERANT PIPING TO CORRESPONDING IHP U.N.O. 4. PROVIDE BRANCH BOX FOR 6 BRANCHES, MITSUBISHI MODEL PAC-MKAS3C. FIELD ROUTE REFRIGERANT PIPING FROM DHP-3 TO BRANCH BOX 5. BASE BID 6. ALTERNATE 4

DUCTLESS INDOOR HEAT PUMP SCHEDULE												
MARK	BASIS OF DESIGN		NOM. CFM	OA CFM	COOLING		HEATING (MBH)	MCA	MOCP	ELECTRICAL		
	MANUFACTURER	MODEL			TOTAL (MBH)	SENSIBLE (MBH)				VOLTAGE	PHASE	HZ
IHP-1	MITSUBISHI	PKA-A12LA	455	0	11.5	8.9	8.9	1.0	NOTE 2	208	1	60
IHP-2	MITSUBISHI	PKA-A33KA7	600	0	36.3	24.4	-	1.0	NOTE 2	208	1	60
IHP-3.1	MITSUBISHI	MSZ-GL12NA	400	NOTE 8	11.9	8.9	14.3	1.0	NOTE 2	208	1	60
IHP-3.2	MITSUBISHI	MSZ-GL09NA	400	NOTE 8	9.0	8.0	10.8	1.0	NOTE 2	208	1	60
IHP-3.3	MITSUBISHI	MSZ-GL09NA	400	NOTE 8	6.0	6.0	7.2	1.0	NOTE 2	208	1	60

1. PROVIDE WITH DISCONNECT 2. UNIT IS POWERED FROM FROM CORRESPONDING OHP 3. PROVIDE MINI-CONDENSATE PUMP (208V) 4. FIELD ROUTE CONDENSATE DRAIN PIPING TO OUTDOORS BEHIND 104 SERVICE ELEVATOR 5. PROVIDE FILTER 6. COOLING ONLY UNIT 7. FIELD ROUTE CONDENSATE DRAIN PIPING TO FD IN ROOM 113 8. NATURAL VENTILATION 9. INSTALL BIPOLAR IONIZATION DEVICE GPS MODEL GPS-FC24-AC, OR EQUAL, IN UNIT 10. BASE BID 11. ALTERNATE 4

EXHAUST FAN SCHEDULE											
MARK	BASIS OF DESIGN		TYPE	E.S.P. (IN WC)	NOM. CFM	SONES	FRPM MAX	MOTOR POWER	ELECTRICAL		
	MANUFACTURER	MODEL							VOLTAGE	PHASE	HZ
EF-1	GREENHECK	SP-850	CEILING	0.25	50	1.6	675	16 W	115	1	60
EF-2	GREENHECK	SP-850	CEILING	0.25	75	1.8	700	21 W	115	1	60

1. INTERLOCK WITH LIGHTS 2. BACKDRAFT DAMPER 3. ALTERNATE 4

AIR DISTRIBUTION DEVICE SCHEDULE														
MARK	SIZE (INCHES)			MOUNTING			MATERIAL			BASIS OF DESIGN				
	FACE	NECK	CEILING	DUCT	SIDEWALL	THROW	STEEL	ALUMINUM	1	2	3	MANUFACTURER	MODEL	NOTES
RG-1	12x10	12x10		X		-	X		X			TITUS	309RL	1
RG-2	24x18	24x18		X		-	X		X			TITUS	309RL	1
RG-3	20x18	20x18		X		-	X		X			TITUS	309RL	1
RG-4	18x18	18x18		X		-	X		X			TITUS	309RL	1
SD-1	8x6	8x6		X		1	X		X			TITUS	309RS	2
SD-2	12x6	12x6		X		1	X		X			TITUS	309RS	2
SD-3	12x6	12x6		X		1	X		X			TITUS	309RS	2

LEGEND:  
 1. SYMBOL KEY - FIRST LETTER: S-SUPPLY, R-RETURN, E-EXHAUST, T-TRANSFER AND D-DOOR. SECOND LETTER: D-DIFFUSER, R-REGISTER AND G-GRILLE.  
 2. CONNECTIONS - 1. ROUND DUCT TO ROUND NECK. (DEVICE CONN. 2. ROUND DUCT TO RECTANGULAR NECK. (COLUMN) 3. RECTANGULAR DUCT TO RECTANGULAR NECK.  
 3. FIELD PAINT ALL SUPPLIES AND RETURNS TO MATCH CEILING AND/OR WHITE FINISH OTHERWISE.  
 4. 1, 2, 3 AND 4-WAY AND DOUBLE DEFLECTION (DD) AIR DEVICES ARE INDICATED IN "THROW" COLUMN.

1. DUCT RUNOUT SIZE SAME AS NECK CONNECTION SIZE, U.N.O. 2. OPPOSED BLADE DAMPER

LOUVER SCHEDULE								
MARK	BASIS OF DESIGN		TYPE	NOM. CFM	LOUVER SIZE	MIN. FREE AREA (SQFT)	BOTTOM OF LOUVER ELEV. (FT & F.I.)	NOTES
	MANUFACTURER	MODEL						
EL-1	GREENHECK	ESD-63X	INTAKE	680	24"x16"	0.92	6'-0"	1,2,3,4,5

1. BIRDSCREEN 2. WELDED CONSTRUCTION 3. FLANGED FRAME 4. PREFINISH WITH BAKED ON "KYNAR" FINISH 5. ALTERNATE 4

Since 1980  
 Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOB & ASSOCIATES, P.C.**  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL (706) 724-5756 • TEL (843) 639-4656  
 FAX (706) 724-3895  
 WWW.THEJLACORP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
 600 REYNOLDS ST., AUGUSTA, GA 30901  
 PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**  
 PROJECT LOCATION: **600 REYNOLDS ST., AUGUSTA, GA 30901**

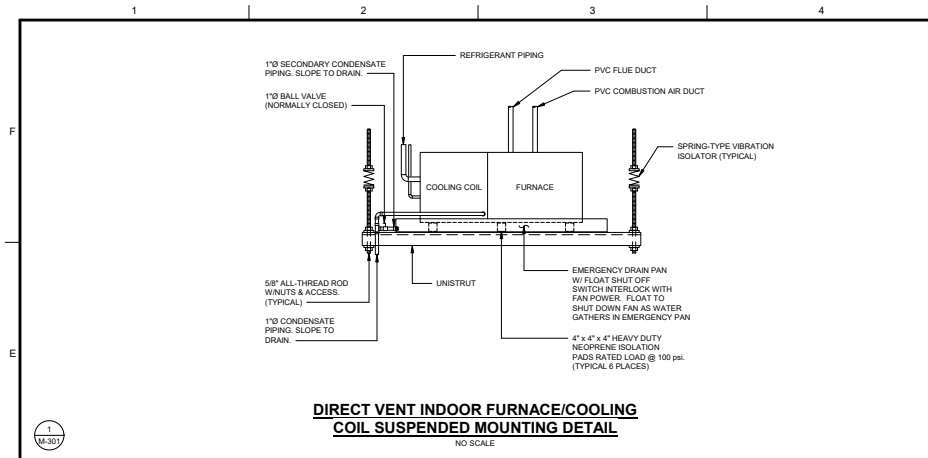


NO.	DATE	BY	DESCRIPTION
1	12/01/2022	MNB	ISSUED FOR CONSTRUCTION
0	08/03/2022	MNB	ISSUED FOR CONSTRUCTION

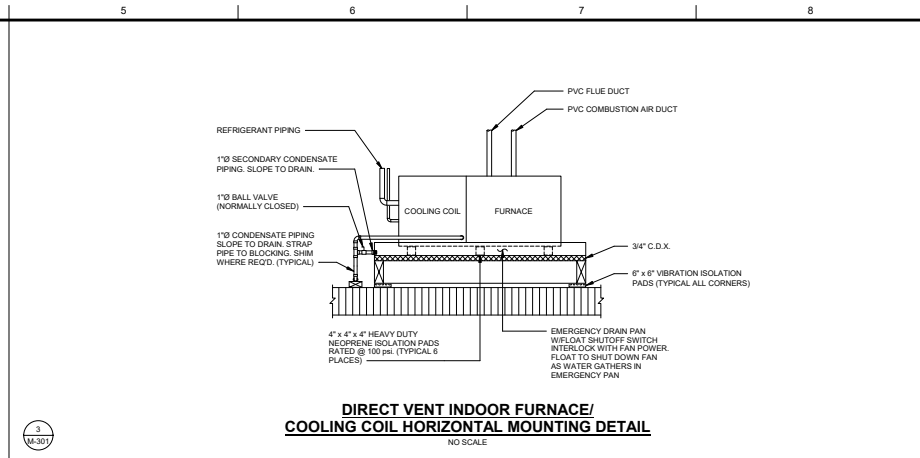
PROJECT NO: 3042-2103  
 DRAWN BY: MNB  
 CHECKED BY: CVW  
 DATE: 08/03/2022  
 SHEET TITLE: **HVAC SCHEDULES**

SCALE: AS NOTED  
 DRAWING NO: **M-201**  
 REV: 1

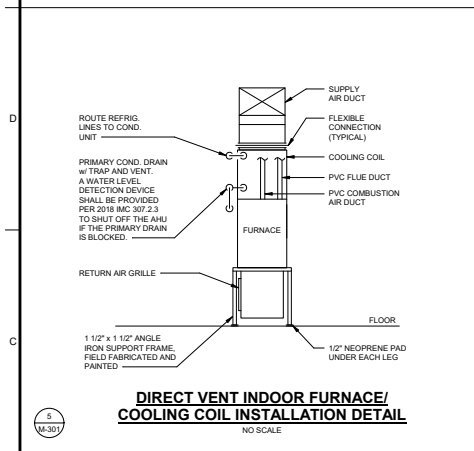
This document is the property of Johnson, Laschober & Associates, P.C. Transmission, reproduction, copying or reuse of this document is strictly prohibited and any unauthorized use may result in legal action.



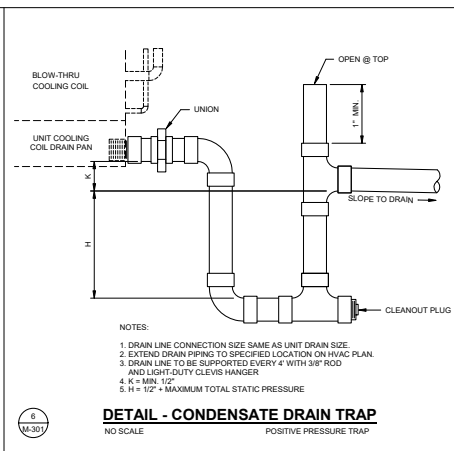
**DIRECT VENT INDOOR FURNACE/COILING COIL SUSPENDED MOUNTING DETAIL**  
NO SCALE



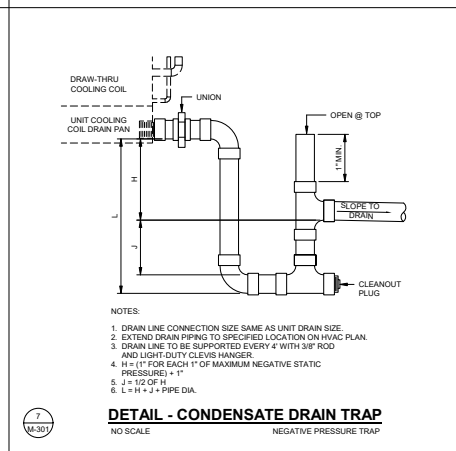
**DIRECT VENT INDOOR FURNACE/COILING COIL HORIZONTAL MOUNTING DETAIL**  
NO SCALE



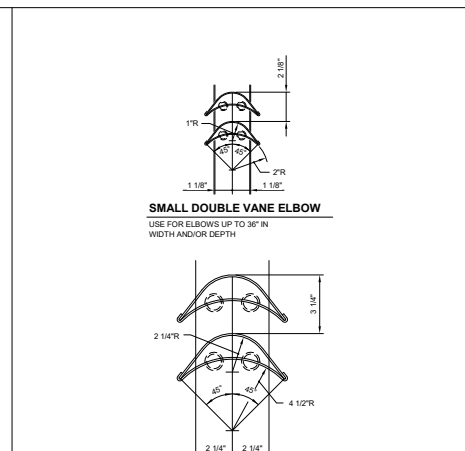
**DIRECT VENT INDOOR FURNACE/COILING COIL INSTALLATION DETAIL**  
NO SCALE



**DETAIL - CONDENSATE DRAIN TRAP**  
NO SCALE POSITIVE PRESSURE TRAP

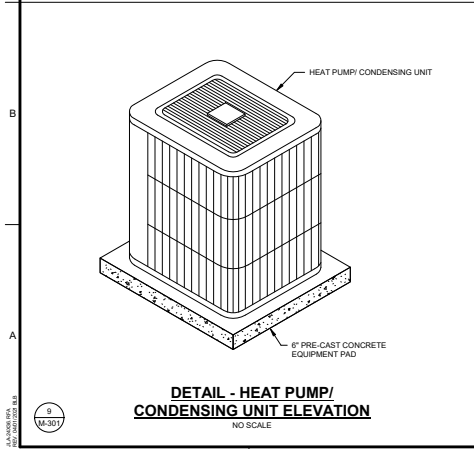


**DETAIL - CONDENSATE DRAIN TRAP**  
NO SCALE NEGATIVE PRESSURE TRAP

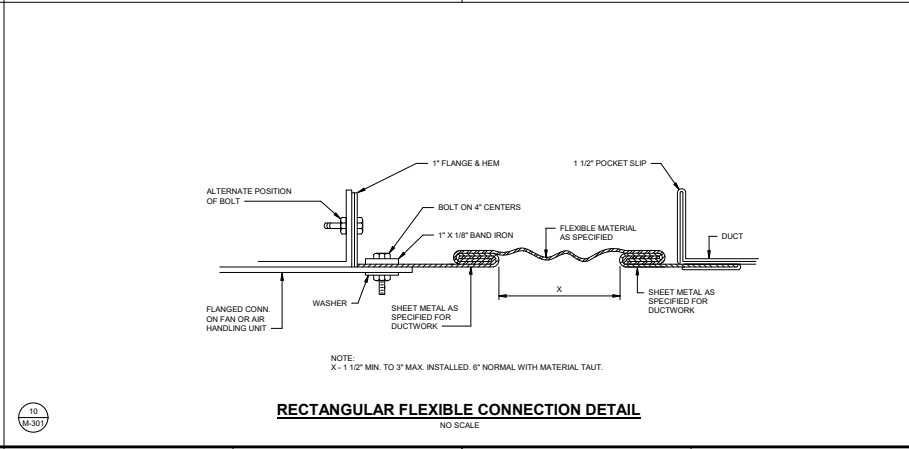


**SMALL DOUBLE VANE ELBOW**  
USE FOR ELBOWS UP TO 36\"/>

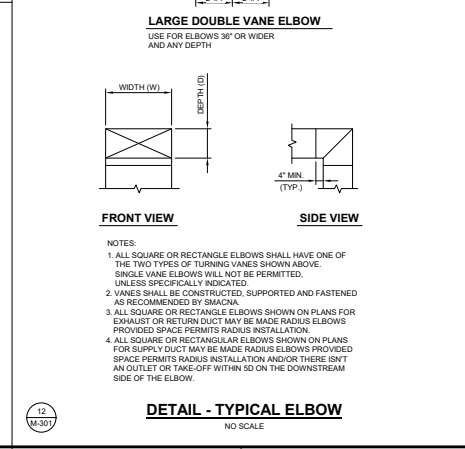
**LARGE DOUBLE VANE ELBOW**  
USE FOR ELBOWS 36\"/>



**DETAIL - HEAT PUMP/CONDENSING UNIT ELEVATION**  
NO SCALE



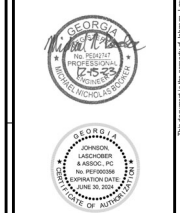
**RECTANGULAR FLEXIBLE CONNECTION DETAIL**  
NO SCALE



**DETAIL - TYPICAL ELBOW**  
NO SCALE



CLIENT: AUGUSTA MUSEUM OF HISTORY  
PROJECT LOCATION: 860 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME: AUGUSTA MUSEUM OF HISTORY



NO.	REVISION	DATE	BY	DESCRIPTION
1	12/1/2022	MNB	ISSUED FOR CONSTRUCTION	
0	08/03/2022	MNB	ISSUED FOR CONSTRUCTION	

NO.	REVISION	DATE	BY	DESCRIPTION
1	12/1/2022	MNB	ISSUED FOR CONSTRUCTION	
0	08/03/2022	MNB	ISSUED FOR CONSTRUCTION	

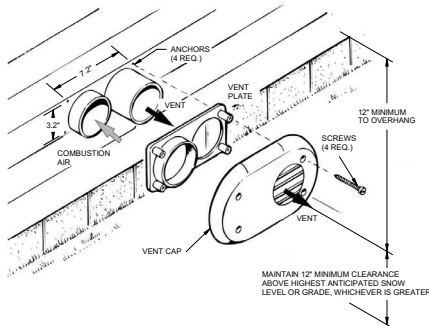
PROJECT NO: 3042.2103  
DRAWN BY: MNB  
CHECKED BY: CVW  
DATE: 08/03/2022

SHEET TITLE: HVAC DETAILS

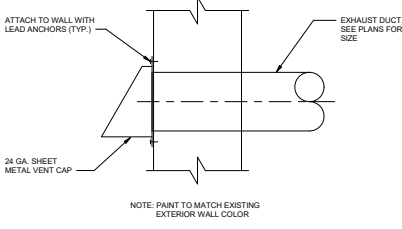
SCALE: AS NOTED  
DRAWING NO: M-301  
REV: 1

DATE PLOTTED: 08/03/2022 10:58:00 AM

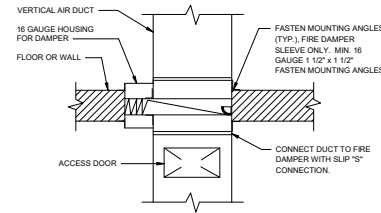
THIS DOCUMENT IS THE PROPERTY OF JOHNSON, LASCHOBBER & ASSOCIATES, P.C. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR REPRODUCTION OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF JOHNSON, LASCHOBBER & ASSOCIATES, P.C. IS STRICTLY PROHIBITED.



**1** **DIRECT VENT THROUGH WALL DETAIL**  
NO SCALE

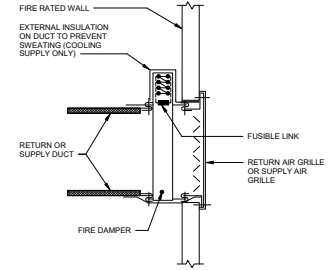


**2** **WALL CAP DETAIL**  
NO SCALE

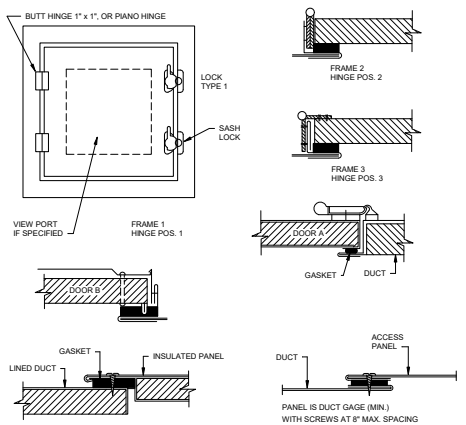


**NOTES:**  
1. DAMPER ASSEMBLY INSTALLED IN AND FASTENED TO THE SLEEVE.  
2. MAINTAIN FULL DUCT SIZE. DAMPER HOUSING SHALL NOT OBSTRUCT AIR FLOW. (TYPE "B")  
3. MOUNTING SHOWN IS VERTICAL INSTALLATION. HORIZONTAL INSTALLATION IS SIMILAR.

**3** **DETAIL - FIRE DAMPER INSTALLATION**  
NO SCALE



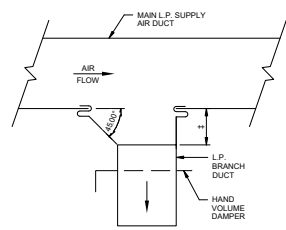
**4** **DETAIL - FIRE DAMPER AT SUPPLY AIR GRILLE OR RETURN AIR GRILLE**  
NO SCALE



DUCT CLASS	DOOR SIZE	NO. HINGES	NO. LOCKS	METAL GAGE		
				FRAME	DOOR	BACK
2\"/>						

S = SIDE OPPOSITE HINGES

**5** **DETAIL - DUCT ACCESS DOOR**  
NO SCALE



± = EQUALS WIDTH OF BRANCH DUCT UP TO 12\"/>

**6** **DETAIL - TYPICAL LOW PRESSURE BRANCH DUCT TAKE OFF**  
NO SCALE



**AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT LOCATION  
AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME



REV.	DATE	BY	DESCRIPTION
1	12/1/22	MNB	ISSUED FOR CONSTRUCTION
0	08/03/22	MNB	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: MNB  
CHECKED BY: CVW  
DATE: 08/03/2022

SHEET TITLE:  
**HVAC DETAILS**

SCALE: AS NOTED  
DRAWING NO: **M-302**  
REV: 1

**ELECTRICAL GENERAL NOTES:**

**GENERAL**

THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PRODUCT INFORMATION FOR THE PLAN READER'S CONVENIENCE. SEE PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

WORK COVERED BY THIS DOCUMENT SHALL INCLUDE ALL LABOR, MATERIAL, PRODUCTS, AND SERVICES FOR, AND INCIDENTAL TO, INSTALLATION OF COMPLETE AND OPERATING ELECTRICAL SYSTEMS DRAWN OR SPECIFIED.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, THE NATIONAL ELECTRICAL CODE (NFPA 70). ALL MATERIALS SHALL BE NEW AND UL LISTED/LABELLED AS APPROPRIATE. FINAL LOCATIONS FOR ROUGH-IN SHALL BE VERIFIED WITH ACTUAL EQUIPMENT BEING CONNECTED. SUPPORT AND ATTACH ELECTRICAL EQUIPMENT IN ACCORDANCE WITH SEISMIC CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER/BUILDING DESIGNER AND THE INTERNATIONAL BUILDING CODE. AFTER COMPLETING INSTALLATION, REMOVE BURRS, DIRT, AND CONSTRUCTION DEBRIS FROM ALL ELECTRICAL WORK.

COORDINATE OUTLET LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS.

COORDINATE HVAC AND PLUMBING EQUIPMENT LOCATIONS WITH MECHANICAL PLANS, ELEVATIONS AND DETAILS.

CONTRACTOR TO COORDINATE SERVICE AND METERING INSTALLATION REQUIREMENTS, A/C RATING, AND PANEL SCCR WITH UTILITY COMPANY PRIOR TO BID AND INSTALLATION.

COORDINATE SIGNAL SERVICE REQUIREMENTS WITH SERVING UTILITY.

ELECTRICAL INSTALLATION SHALL BE SEISMIC BRACED PER APPLICABLE SECTIONS OF THE STANDARD BUILDING CODE.

CONSULT MANUFACTURERS' SHOP DRAWINGS FOR REQUIREMENTS AND EXACT LOCATION OF ELECTRICAL CONNECTIONS FOR EQUIPMENT FURNISHED BY OTHERS. BRANCH-CIRCUIT WIRING SHALL MEET ALL REQUIREMENTS OF THE EQUIPMENT MANUFACTURER.

SIZE DISCONNECT SWITCHES AND OVERCURRENT PROTECTION IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS' RECOMMENDATIONS AND THE N.E.C.

SIZE FUSES IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS' RECOMMENDATIONS AND THE NEC.

INSTALL JUNCTION BOXES, CONDUIT BODIES, AND HANDHOLE ENCLOSURES SUCH THAT WIRING WITHIN IS ACCESSIBLE IN ACCORDANCE WITH NEC 314.29.

MOUNTING HEIGHT DIMENSIONS FOR WIRING DEVICES ARE FROM THE FINISHED FLOOR UP TO THE CENTER OF THE OUTLET BOX.

CENTER OUTLETS HORIZONTALLY IN ARCHITECTURAL FEATURES.

DO NOT SCALE DRAWINGS. DEVICE LOCATIONS ARE APPROXIMATE UNLESS DIMENSIONED. ACTUAL DEVICE LOCATIONS SHALL BE FIELD COORDINATED WITH ALL OTHER TRADES AND APPLICABLE CODES.

INSTALL PHOTO CELLS ABOVE ROOF. ORIENT TO NORTHERN EXPOSURE AND SHIELD FROM EXTRANEOUS LIGHT. PROVIDE FLASHING AND SEAL ROOF PENETRATIONS.

INSTALL ADDITIONAL BRANCH-CIRCUIT CONDUCTORS TO PROVIDE UN-SWITCHED CONNECTION TO EACH EMERGENCY FIXTURE BATTERY.

DO NOT USE COMMON NEUTRALS FOR MULTI-WIRE CIRCUITS. INSTALL A NEUTRAL FOR EACH PHASE.

ALL CONDUCTORS SHALL BE NO SMALLER THAN #12.

ALL RACEWAYS SHALL BE 3/4" DIA. MIN. UNLESS OTHERWISE NOTED.

GENERAL CONTRACTOR TO PROVIDE ACCESS PANELS FOR ALL INACCESSIBLE, ABOVE-CEILING ELECTRICAL EQUIPMENT AND JUNCTION BOXES PER NEC SECTION 314.29. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

**CONDUCTORS**

CONDUCTORS SHALL COMPLY WITH NEMA WC 6. CONDUCTORS #4 AWG AND LARGER SHALL BE CONCENTRIC STRANDED. CONDUCTORS #10 AND SMALLER SHALL BE SOLID.

TYPE AND INSULATION (SERVICE): COPPER, TYPE THWN  
TYPE AND INSULATION (FEEDER): COPPER, TYPE THHN/THWN  
TYPE AND INSULATION (BRANCH): COPPER, TYPE THHN/THWN  
COPPER, TYPE MC

COLOR CODING (208/120 V, 3): A: BLACK, B: RED, C: BLUE, N: WHITE, G: GREEN

**RACEWAYS**

CONDUIT BODIES AND FITTINGS FOR RIGID METAL CONDUIT SHALL BE CAST THREADED TYPE. CONDUIT FITTINGS FOR ELECTRICAL METALLIC TUBING SHALL BE COMPRESSION TYPE. INSTALL 200 & NYLON PULL CORD IN ALL EMPTY RACEWAYS FOR FUTURE USE. APPLY FIRESTOPPING TO ELECTRICAL PENETRATIONS OF FIRE RATED FLOOR AND WALL ASSEMBLIES TO RESTORE ORIGINAL FIRE RESISTANCE RATING OF ASSEMBLY.

OUTDOORS EXPOSED: RIGID GALVANIZED STEEL CONFORMING TO ANSI C84.5  
OUTDOORS UNDERGROUND: RIGID NONMETALLIC CONDUIT (SCH40E 40 PVC) CONFORMING TO NEMA 12 C

OUTDOORS CONNECTED TO VIBRATING OR MOTORIZED EQUIPMENT: LIQUIDTIGHT FLEXIBLE METAL CONDUIT CONFORMING TO UL 360

INDOORS CONCEALED: ELECTRICAL METALLIC TUBING CONFORMING TO ANSI C84.3  
INDOORS EXPOSED: ELECTRICAL METALLIC TUBING CONFORMING TO ANSI C84.3  
INDOORS CONNECTED TO VIBRATING OR MOTORIZED EQUIPMENT: FLEXIBLE METALLIC CONDUIT CONFORMING TO UL 1

**OUTLET BOXES**

BOXES SHALL COMPLY WITH NEMA OS 1 AND SHALL BE SHEET METAL TYPE WITH PLASTER RING IN DRY LOCATIONS. BOXES SHALL COMPLY WITH NEMA FB 1 AND SHALL BE CAST METAL TYPE FD WITH GASKETED COVER IN DAMP OR WET LOCATIONS.

**PULL AND JUNCTION BOXES**

BOXES SHALL BE HOT DIPPE GALVANIZED STEEL. BOX COVERS SHALL BE GASKETED TYPE WITH SCREWED OR BOLTED FASTENERS.

**WIRING DEVICES**

DEVICES SHALL COMPLY WITH NEMA WD 1 AND WD 6. DEVICES SHALL BE COMMERCIAL SPECIFICATION GRADE OR BETTER. ALL DEVICES SHALL BE OF THE GROUNDING TYPE. DEVICES SHALL BE MOUNTED FLUSH WITH THE LONG DIMENSION VERTICAL AND GROUNDING TERMINAL OF RECEPTACLES ON TOP. SWITCHES SHALL BE QUIET TYPE, RATED 20 AMPERES AT 120/277 VOLTS. GROUND FAULT CIRCUIT INTERRUPTERS SHALL BE FEED THROUGH TYPE, WEATHERPROOF COVERS SHALL BE PROVIDED IN DAMP OR WET LOCATIONS. PROGRAM OCCUPANCY SENSORS FOR FIFTEEN MINUTES WITH MEDIUM SENSITIVITY. TRAIN OWNER TO ADJUST TIME AND SENSITIVITY.

DEVICE COLOR: SELECTED BY ARCHITECT.  
DEVICE COVER: SMOOTH PLASTIC WITH COLOR TO MATCH DEVICE COLOR

**ELECTRICAL IDENTIFICATION**

IN ADDITION TO CODE-REQUIRED LABELING, ALL PANELBOARDS, ELECTRICAL ENCLOSURES, TRANSFORMERS, AND DISCONNECT SWITCHES SHALL BE IDENTIFIED WITH AN ENGRAVED PLASTIC LAMINATED NAMEPLATE. LETTERING SHALL BE 1/2" INCHES HIGH AND SHALL BE WHITE ON A BLACK BACKGROUND. NAMEPLATES SHALL BE ATTACHED TO EQUIPMENT WITH STAINLESS STEEL SELF-TAPPING SCREWS. CONTRACTOR TO COORDINATE WITH THE UTILITY COMPANY TO DETERMINE THE AVAILABLE FAULT CURRENT AT THE PANEL LOCATION SHOWN ON THE DRAWINGS. CONTRACTOR TO PROVIDE ELECTRICAL EQUIPMENT WITH A/C RATING OVER THE CALCULATED FAULT CURRENT. CALCULATED FAULT CURRENT SHALL BE LISTED ON EACH PIECE OF ELECTRICAL EQUIPMENT. CONTRACTOR TO PROVIDE AND AFFIX AND FLASH WARNING LABELS ON ALL ELECTRICAL SWITCHBOARDS, PANELBOARDS, MOTOR CONTROL CENTERS, LOAD CENTERS, DISCONNECTS AND ENCLOSED CIRCUIT BREAKERS PER NEC ARTICLE 110.16.

**GROUNDING**

GROUNDING AND BONDING COMPONENTS SHALL COMPLY WITH UL 467. AN INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH CIRCUIT CONDUCTORS FOR ALL FEEDER AND BRANCH CIRCUITS. EXOTHERMIC WELDED CONNECTIONS SHALL BE USED FOR ATTACHMENT TO STRUCTURAL STEEL AND UNDERGROUND CONNECTIONS. GROUNDING ELECTRODES SHALL BE 3/4" x 1/2" COPPERWELD TYPE.

**SERVICE GROUNDING**

INSTALL TWO (2) GROUND RODS FOR SERVICE ENTRANCE UNLESS INSTALLED PRIMARY GROUND ROD IS TESTED AND FOUND TO HAVE A RESISTANCE TO GROUND OF 25 OHMS OR LESS IN ACCORDANCE WITH NFPA 70 250.53(2).

**EQUIPMENT GROUNDING**

FOR INDICATED EQUIPMENT (OTHER THAN SERVICE ENTRANCE EQUIPMENT) INSTALL ONE (1) GROUND ROD TO ACT AS AN AUXILIARY GROUNDING ELECTRODE AND BOND TO THE EQUIPMENT GROUNDING CONDUCTOR (EGC) FOR THAT EQUIPMENT, IN ACCORDANCE WITH NFPA 70 250.54 AND 250.116.

**PANELBOARDS**

PANELBOARDS SHALL COMPLY WITH NEMA PB 1. SHOP DRAWINGS FOR EACH PANELBOARD SHALL BE SUBMITTED AND SHALL INCLUDE BUS CONFIGURATION AND CURRENT RATINGS, OVERCURRENT DEVICE ARRANGEMENT AND SETTINGS, AND PANELBOARD SHORT CIRCUIT RATING. PHASE AND NEUTRAL BUSES SHALL BE COPPER. AN EQUIPMENT GROUND BUS SHALL BE PROVIDED AND SHALL BE BONDED TO THE PANEL LOCK. PANELBOARDS WITH A MAIN SERVICE DISCONNECT SHALL BE LISTED FOR USE AS SERVICE EQUIPMENT. PANELBOARD TRM SHALL BE BOLT ON TYPE. CIRCUIT BREAKERS SHALL BE BOLT ON TYPE. CIRCUIT BREAKERS SHALL BE LISTED FOR SWD, MID OR HACH USE AS APPROPRIATE. MULTI-POLE CIRCUIT BREAKERS SHALL HAVE A COMMON TRIP. TANDEM CIRCUIT BREAKERS SHALL NOT BE USED. FILLER PLATES SHALL BE INSTALLED IN UNUSED SPACES. A TYPED CIRCUIT DIRECTORY SHALL BE INSTALLED ON THE INSIDE OF THE PANELBOARD DOOR.

**FUSES**

FUSES SHALL BE NEMA FU 1 (CARTRIDGE) TYPE. VOLTAGE RATING SHALL BE CONSISTENT WITH CIRCUIT VOLTAGE. ARRANGE FUSES IN FUSIBLE DEVICES SO FUSE RATINGS ARE READABLE WITHOUT REMOVING FUSE. INSTALL TYPEWRITTEN LABELS ON INSIDE DOOR OF EACH FUSIBLE DEVICE TO INDICATE FUSE REPLACEMENT INFORMATION.

MOTOR FEEDER AND BRANCH CIRCUITS: UL CLASS RK5, TIME DELAY  
OTHER FEEDER AND BRANCH CIRCUITS: UL CLASS RK1, NON-TIME DELAY

**DISCONNECT SWITCHES**

SWITCHES SHALL BE FUSED OR NONFUSED NEMA KS 1 TYPE HD. SWITCHES SHALL BE HANDLE LOCKABLE AND INTERLOCKED WITH COVER IN CLOSED POSITION. ENCLOSURES SHALL BE NEMA TYPE 1 IN INDOOR LOCATIONS AND NEMA TYPE 3R IN OUTDOOR LOCATIONS. HVAC EQUIPMENT DISCONNECTS ARE TO BE CONSIDERED ELECTRICAL EQUIPMENT AND SHALL BE INSTALLED TO MAINTAIN WORKING SPACE PER NEC ARTICLE 110.26.

**INTERIOR LIGHTING**

FIXTURE MOUNTING HARDWARE AND TRM SHALL BE COORDINATED WITH THE CEILING SYSTEM. RECESSED FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURAL SYSTEM.

**FIRE ALARM SYSTEM**

SYSTEM COMPONENTS AND INSTALLATION SHALL CONFORM TO THE NATIONAL FIRE ALARM CODE (NFPA 72:2019). ALL EXPOSED WIRING SHALL BE INSTALLED IN METALLIC RACEWAY. ALL CONCEALED WIRING SHALL BE INSTALLED IN METALLIC RACEWAY STUBBED ABOVE ACCESSIBLE CEILING.

**VOICE AND DATA SYSTEMS**

PROVIDE EMPTY INFRASTRUCTURE ONLY. INSTALL BLANK FACEPLATES FOR OUTLETS. USE A CONDUIT BUSHING OR INSULATED FITTING TO TERMINATE STUB-UPS. PROVIDE PULL STRING IN EACH CONDUIT.

**TELEPHONE BOARD**

TELEPHONE BOARD 48" x 96" x 3/4" SHEET OF FIRE TREATED PLYWOOD. PROVIDE BACKBOARD ON WALLS AS INDICATED ON PLANS. PROVIDE GROUNDING BAR BUNDLED 4210A OR EQUIVALENT. BOND TO SERVICE ENTRANCE PANEL, USING CU #6 AWG INSULATED WIRE.

**ELECTRICAL SYMBOLS:**

NEW	
	CEILING / WALL MOUNTED EXIT SIGN - SHADING INDICATES FACE(S)
	PENDANT MOUNTED LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE WITH EMERGENCY BATTERY
	STRIP FIXTURE
	STRIP FIXTURE WITH EMERGENCY BATTERY
	WALL MOUNTED EMERGENCY FIXTURE
	SPST TOGGLE SWITCH 48" UP
	THREE WAY TOGGLE SWITCH 48" UP
	FOUR WAY TOGGLE SWITCH 48" UP
	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR. TO BE WATTSTOPPER 0T-300 OR EQUAL.
	WALL MOUNTED ULTRASONIC OCCUPANCY SENSOR 48" UP. TO BE WATTSTOPPER LW-100 OR EQUAL.
	DUPLEX CONVENIENCE OUTLET 18" UP
	DUPLEX CONVENIENCE OUTLET 48" UP OR 6" ABOVE COUNTER/BACKSPLASH
	DUPLEX CONVENIENCE OUTLET 18" UP OR 6" ABOVE COUNTER/BACKSPLASH GROUND FAULT INTERRUPTER TYPE
	DUPLEX CONVENIENCE OUTLET 18" UP WEATHERPROOF GROUND FAULT INTERRUPTER TYPE
	DUPLEX CONVENIENCE OUTLET 18" UP GROUND FAULT INTERRUPTER TYPE
	SPECIAL OUTLET - SEE SCHEDULE
	MOTOR - SEE SCHEDULE
	ELECTRICAL PANEL
	WALL MOUNTED DATA OUTLET 18" UP UNLESS NOTED WITH 3/4" E.C. STUBBED ABOVE LIFT-OUT CEILING
	FIRE ALARM CONTROL PANEL
	REMOTE ANNUNCIATOR PANEL
	FIRE ALARM MANUAL PULL STATION. MOUNT 48" TO TOP OF BOX
	FIRE ALARM WALL MOUNTED AUDIO/VISUAL DEVICE 80" UP
	FIRE ALARM WALL MOUNTED VISUAL DEVICE 80" UP
	FIRE ALARM CEILING MOUNTED SMOKE DETECTOR
	FIRE ALARM CEILING MOUNTED HEAT DETECTOR
	TELEPHONE BOARD

**APPLICABLE CODES AND STANDARDS**

CODES AND STANDARDS	EDITION
INTERNATIONAL BUILDING CODE (IBC)	2018
NFPA 70 NATIONAL ELECTRICAL CODE (NEC)	2020
INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	2015
NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE	2019
NFPA 780 INSTALLATION OF LIGHTNING PROTECTION SYSTEMS	2020

Since 1980  
Architects • Engineers • Landscape Architects  
JOHNSON, LASCHOBBER & ASSOCIATES, P.C.  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-5766 • TEL (843) 659-4656  
FAX (706) 724-3995  
WWW.THEJLACORP.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: AUGUSTA MUSEUM OF HISTORY

PROJECT LOCATION: 660 REYNOLDS ST., AUGUSTA, GA 30901

NO.	DATE	BY	DESCRIPTION
1	11/01/22	HJW	ISSUED FOR CONSTRUCTION
0	10/29/21	HJW	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042-2103

DRAWN BY: JAP

CHECKED BY: HJW

DATE: 08/03/2022

SHEET TITLE:

**ELECTRICAL NOTES AND SYMBOLS**

SCALE: AS NOTED

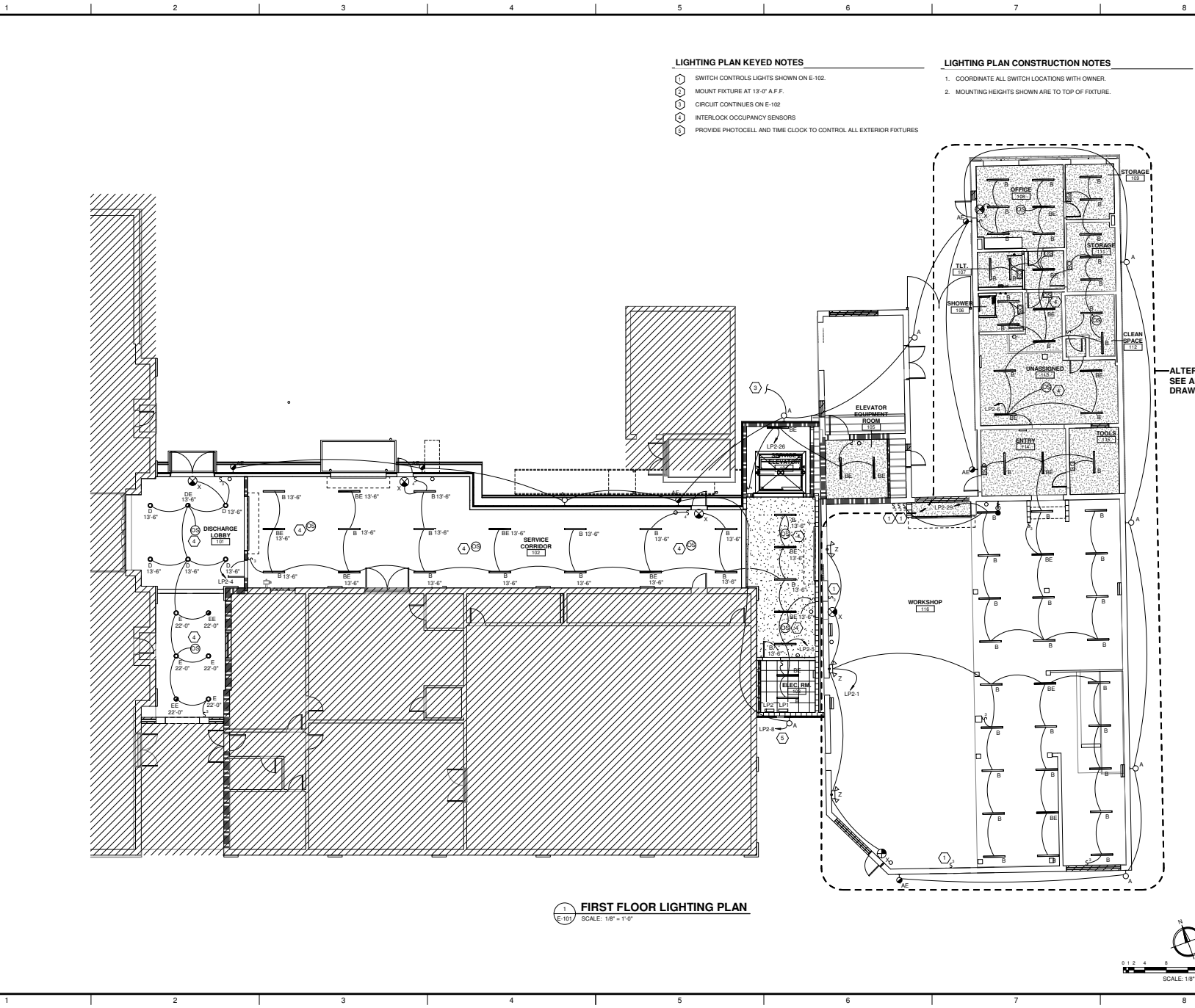
DRAWING NO: **E-001**

REV: 1

AUGUSTA, GA 30901

This document is the property of Johnson, Laschober & Associates, P.C. Transmission or publication, copying or reuse of any information contained herein, in whole or in part, without the written authorization of Johnson, Laschober & Associates, P.C. is prohibited.





**LIGHTING PLAN KEYED NOTES**

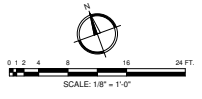
- ① SWITCH CONTROLS LIGHTS SHOWN ON E-102.
- ② MOUNT FIXTURE AT 13'-0" A.F.F.
- ③ CIRCUIT CONTINUES ON E-102
- ④ INTERLOCK OCCUPANCY SENSORS
- ⑤ PROVIDE PHOTOCELL AND TIME CLOCK TO CONTROL ALL EXTERIOR FIXTURES

**LIGHTING PLAN CONSTRUCTION NOTES**

- 1. COORDINATE ALL SWITCH LOCATIONS WITH OWNER.
- 2. MOUNTING HEIGHTS SHOWN ARE TO TOP OF FIXTURE.

**FIRST FLOOR LIGHTING PLAN**  
 SCALE: 1/8" = 1'-0"

ALTERNATE 4  
 SEE ARCHITECTURAL  
 DRAWING NO. G-001



Since 1980  
 Architects + Engineers + Landscape Architects  
**JOHNSON, LASCHNER & ASSOCIATES, P.C.**  
 AUGUSTA, GA • CHARLESTON, SC  
 TEL (706) 724-9756 • TEL (843) 639-4636  
 FAX (706) 724-3895  
 WWW.THEJLAGROUP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
 660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **660 REYNOLDS ST., AUGUSTA, GA 30901**

REV	DATE	BY	DESCRIPTION
1	10/15/23	HWJ	ISSUED FOR CONSTRUCTION
0	10/26/21	HWJ	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
 DRAWN BY: JAP  
 CHECKED BY: HWJ  
 DATE: 08/03/2022

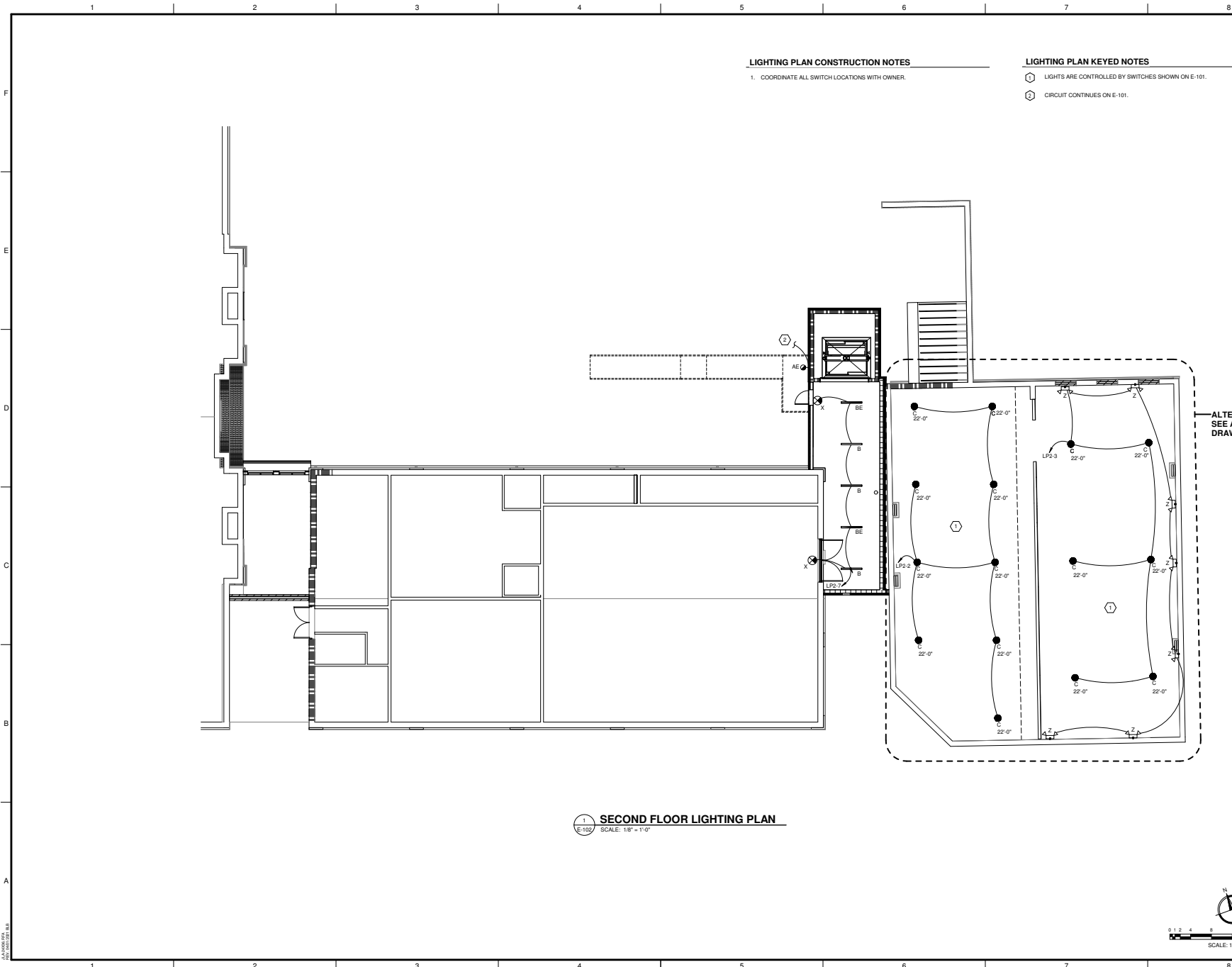
SHEET TITLE:  
**FIRST FLOOR LIGHTING PLAN**

SCALE: AS NOTED

DRAWING NO: **E-101**

REV: 1

This document is the property of Johnson, Laschner & Associates, P.C. The information contained herein is confidential and its disclosure to any third party without the express written consent of Johnson, Laschner & Associates, P.C. is strictly prohibited.



**LIGHTING PLAN CONSTRUCTION NOTES**

- 1. COORDINATE ALL SWITCH LOCATIONS WITH OWNER.

**LIGHTING PLAN KEYED NOTES**

- ⬡ LIGHTS ARE CONTROLLED BY SWITCHES SHOWN ON E-101.
- ⊕ CIRCUIT CONTINUES ON E-101.

**SECOND FLOOR LIGHTING PLAN**  
SCALE: 1/8" = 1'-0"

ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL: (706) 724-5756 • TEL: (843) 639-4656  
FAX: (706) 724-3895  
WWW.THEJLACORP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **660 REYNOLDS ST., AUGUSTA, GA 30901**

GEORGIA  
REGISTERED PROFESSIONAL ENGINEER  
HOWARD J. WELCH  
74193  
12/31/25

REV	DATE	BY	DESCRIPTION
1	10/15/23	HJW	ISSUED FOR CONSTRUCTION
0	10/26/21	HJW	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: JAP  
CHECKED BY: HJW  
DATE: 08/03/2022

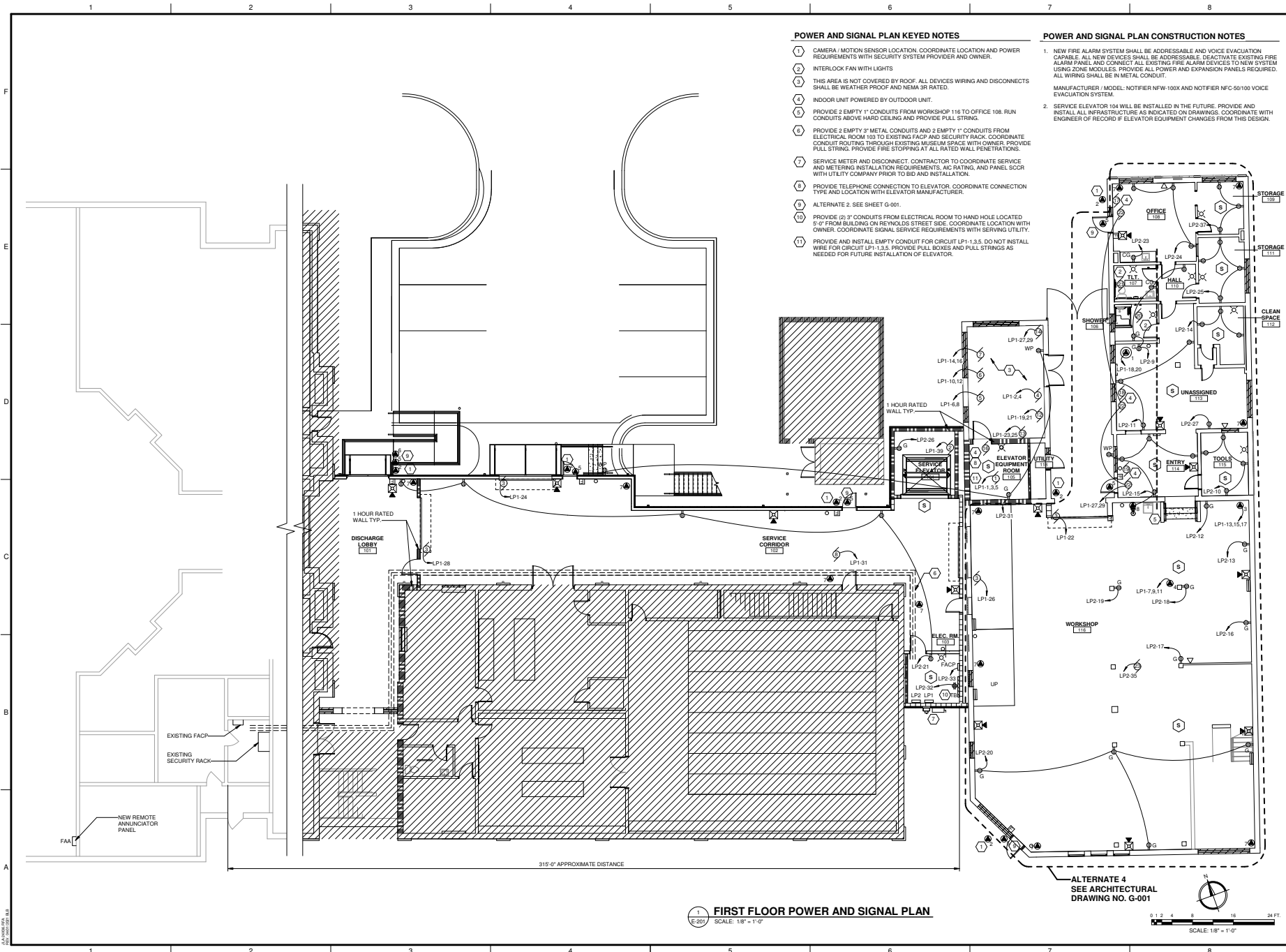
SHEET TITLE:  
**SECOND FLOOR LIGHTING PLAN**

SCALE: AS NOTED

DRAWING NO: **E-102**

REV: 1

THIS DOCUMENT IS THE PROPERTY OF JOHNSON, LASCHOBER & ASSOCIATES, P.C. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF JOHNSON, LASCHOBER & ASSOCIATES, P.C.



**POWER AND SIGNAL PLAN KEYED NOTES**

- ① CAMERA / MOTION SENSOR LOCATION. COORDINATE LOCATION AND POWER REQUIREMENTS WITH SECURITY SYSTEM PROVIDER AND OWNER.
- ② INTERLOCK FAN WITH LIGHTS
- ③ THIS AREA IS NOT COVERED BY ROOF. ALL DEVICES WIRING AND DISCONNECTS SHALL BE WEATHER PROOF AND NEMA OR RATED.
- ④ INDOOR UNIT POWERED BY OUTDOOR UNIT.
- ⑤ PROVIDE 5 EMPTY 1" CONDUITS FROM WORKSHOP 116 TO OFFICE 108. RUN CONDUITS ABOVE HARD CEILING AND PROVIDE PULL STRING.
- ⑥ PROVIDE 2 EMPTY 3" METAL CONDUITS AND 2 EMPTY 1" CONDUITS FROM ELECTRICAL ROOM 103 TO EXISTING FACD AND SECURITY RACK. COORDINATE CONDUIT ROUTING THROUGH EXISTING MUSEUM SPACE WITH OWNER. PROVIDE PULL STRING. PROVIDE FIRE STOPPING AT ALL RATED WALL PENETRATIONS.
- ⑦ SERVICE METER AND DISCONNECT. CONTRACTOR TO COORDINATE SERVICE AND METERING INSTALLATION REQUIREMENTS, JAC RATING, AND PANEL SCOR WITH UTILITY COMPANY PRIOR TO BID AND INSTALLATION.
- ⑧ PROVIDE TELEPHONE CONNECTION TO ELEVATOR. COORDINATE CONNECTION TYPE AND LOCATION WITH ELEVATOR MANUFACTURER.
- ⑨ ALTERNATE 2. SEE SHEET G-001.
- ⑩ PROVIDE (2) 3" CONDUITS FROM ELECTRICAL ROOM TO HAND HOLE LOCATED 3'-0" FROM BUILDING ON REYNOLDS STREET SIDE. COORDINATE LOCATION WITH OWNER. COORDINATE SIGNAL SERVICE REQUIREMENTS WITH SERVING UTILITY.
- ⑪ PROVIDE AND INSTALL EMPTY CONDUIT FOR CIRCUIT LP1-1.3.5. DO NOT INSTALL WIRE FOR CIRCUIT LP1-1.3.5. PROVIDE PULL BOXES AND PULL STRINGS AS NEEDED FOR FUTURE INSTALLATION OF ELEVATOR.

**POWER AND SIGNAL PLAN CONSTRUCTION NOTES**

1. NEW FIRE ALARM SYSTEM SHALL BE ADDRESSABLE AND VOICE EVACUATION CAPABLE. ALL NEW DEVICES SHALL BE ADDRESSABLE. DEACTIVATE EXISTING FIRE ALARM PANELS AND CONNECT ALL EXISTING FIRE ALARM DEVICES TO NEW SYSTEM USING ZONE MODULES. PROVIDE ALL POWER AND EXPANSION PANELS REQUIRED. ALL WIRING SHALL BE IN METAL CONDUIT.
2. SERVICE ELEVATOR 104 WILL BE INSTALLED IN THE FUTURE. PROVIDE AND INSTALL ALL INFRASTRUCTURE AS INDICATED ON DRAWINGS. COORDINATE WITH ENGINEER OF RECORD IF ELEVATOR EQUIPMENT CHANGES FROM THIS DESIGN.

Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHNER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9756 • TEL (843) 639-4636  
FAX (706) 724-3895  
WWW.THEJLACORP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901



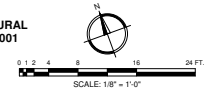
NO.	DATE	BY	DESCRIPTION
1	11/01/23	HJW	ISSUED FOR CONSTRUCTION
0	10/26/21	HJW	ISSUED FOR CONSTRUCTION

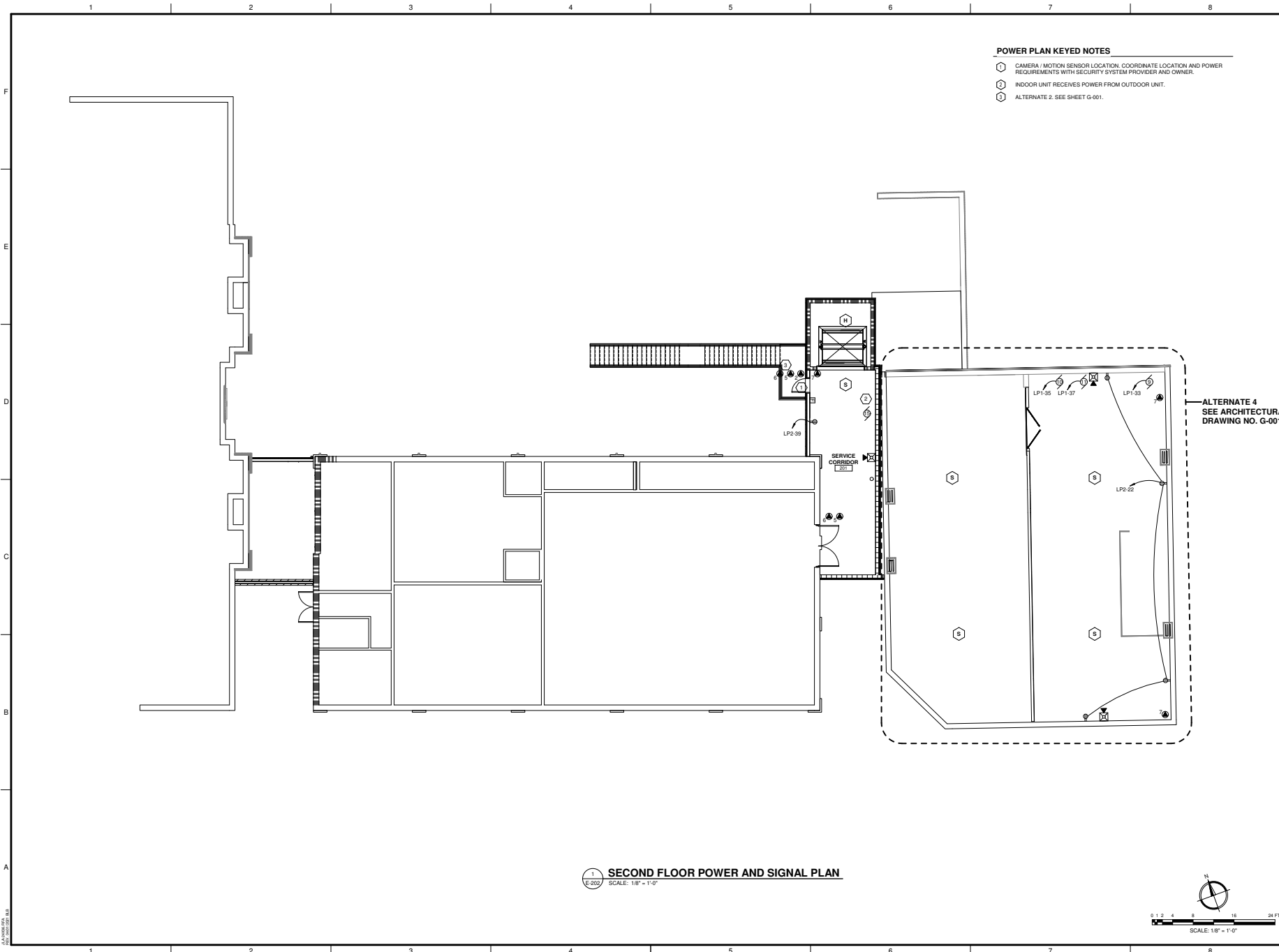
PROJECT NO: 3042.2103  
DRAWN BY: JAP  
CHECKED BY: HJW  
DATE: 08/03/2022

**POWER AND SIGNAL PLAN**

SCALE: AS NOTED  
DRAWING NO: **E-201**  
REV: 1

**FIRST FLOOR POWER AND SIGNAL PLAN**  
SCALE: 1/8" = 1'-0"

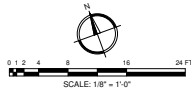




- POWER PLAN KEYED NOTES**
- ① CAMERA / MOTION SENSOR LOCATION. COORDINATE LOCATION AND POWER REQUIREMENTS WITH SECURITY SYSTEM PROVIDER AND OWNER.
  - ② INDOOR UNIT RECEIVES POWER FROM OUTDOOR UNIT.
  - ③ ALTERNATE 2. SEE SHEET G-001.

ALTERNATE 4  
SEE ARCHITECTURAL  
DRAWING NO. G-001

**1 SECOND FLOOR POWER AND SIGNAL PLAN**  
E-202 SCALE: 1/8" = 1'-0"



Since 1980  
Architects • Engineers • Landscape Architects  
**JOHNSON, LASCHOBER & ASSOCIATES, P.C.**  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-9756 • TEL (843) 639-4656  
FAX (706) 724-3895  
WWW.THEJLAGROUP.COM

CLIENT: **AUGUSTA MUSEUM OF HISTORY**  
660 REYNOLDS ST., AUGUSTA, GA 30901

PROJECT NAME: **AUGUSTA MUSEUM OF HISTORY**

PROJECT LOCATION: **660 REYNOLDS ST., AUGUSTA, GA 30901**



REV	DATE	BY	DESCRIPTION
1	12/15/23	HJW	ISSUED FOR CONSTRUCTION
0	10/26/21	HJW	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042.2103  
DRAWN BY: JAP  
CHECKED BY: HJW  
DATE: 08/03/2022

SHEET TITLE:  
**SECOND FLOOR POWER AND SIGNAL PLAN**

SCALE: AS NOTED	DRAWING NO: <b>E-202</b>	REV: 1
-----------------	--------------------------	--------

This document is the property of Johnson, Laschober & Associates, P.C. The information contained herein is confidential and its use for any other project or organization may be subject to litigation.

LIGHTING FIXTURE SCHEDULE							
TYPE MARK	MANUFACTURER	MODEL NUMBER	VOLTAGE	WATTAGE	LAMP TYPE	MOUNTING	DESCRIPTION
A	HUBBELL	TRP2-24L-50-3K7-3-U-ER-ARCH	120 V	50 VA	3000K LED	WALL	LED WALL PACK
AE	HUBBELL	TRP2-24L-50-3K7-3-U-ER-ARCH	120 V	50 VA	3000K LED	WALL	LED WALL PACK WITH EMERGENCY BATTERY
B	COLUMBIA	MPS4-40HL-CW-EDU	120 V	42 VA	4000K LED	SURFACE / SUSPENDED	LED STRIP LIGHT
BE	COLUMBIA	MPS4-40HL-CW-EDU-ELL14	120 V	42 VA	4000K LED	SURFACE / SUSPENDED	LED STRIP LIGHT WITH EMERGENCY BATTERY
C	COLUMBIA	CPN-40L-EDU	120 V	100 VA	4000K LED	SUSPENDED	LED HIGHBAY
D	ELITE	SCH10-LED-2000L-DM10-MVOLT-MD-40K-BY-ARCH-SM	120 V	25 VA	4000K LED	SUSPENDED	LED CYLINDER PENDANT
DE	ELITE	SCH10-LED-2000L-DM10-MVOLT-MD-40K-BY-ARCH-SM-EMG-LED-20W	120 V	25 VA	4000K LED	SUSPENDED	LED CYLINDER PENDANT WITH EMERGENCY BATTERY
E	ELITE	SCH10-LED-4000L-DM10-MVOLT-MD-40K-BY-ARCH-SM	120 V	53 VA	4000K LED	SUSPENDED	LED CYLINDER PENDANT
EE	ELITE	SCH10-LED-4000L-DM10-MVOLT-MD-40K-BY-ARCH-SM-EMG-LED-20W	120 V	53 VA	4000K LED	SUSPENDED	LED CYLINDER PENDANT WITH EMERGENCY BATTERY
X		EVG358	120 V	5 VA	LED	WALL / CEILING	LED EXIT SIGN
Z		E2-3L-B	120 V	5 VA	LED	WALL	LED EMERGENCY LIGHT

**NOTES:**

- COORDINATE ALL FINISH OPTIONS AND MOUNTING HEIGHTS WITH ARCHITECT.
- MOUNTING HEIGHTS FOR PENDANT / SUSPENDED FIXTURES ARE SHOWN ON LIGHTING PLANS. ALL OTHER FIXTURES ARE SURFACE MOUNTED.

SPECIAL OUTLET SCHEDULE	
ID	DESCRIPTION
1	EW-1
2	CAMERA LOCATION. PROVIDE ADDITIONAL 3/4" CONDUIT AND JUNCTION BOX.
3	AIR COMPRESSOR. COORDINATE LOCATION WITH OWNER.
4	TABLE SAW. COORDINATE LOCATION WITH OWNER.
5	SECURITY DOOR CONTACT. PROVIDE 3/4" CONDUIT AND JUNCTION BOX. SEE DETAIL 3 / E-401. ALTERNATE 2. SEE SHEET G-01.
6	CARD READER / ELECTRIC LOCK. SEE DETAIL 3 / E-401. ALTERNATE 2. SEE SHEET G-01.
7	MOTION SENSOR LOCATION. PROVIDE 3/4" CONDUIT AND JUNCTION BOX.
8	EMERGENCY SHOWER LIGHT

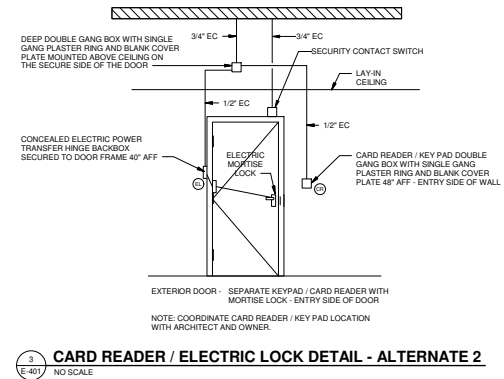
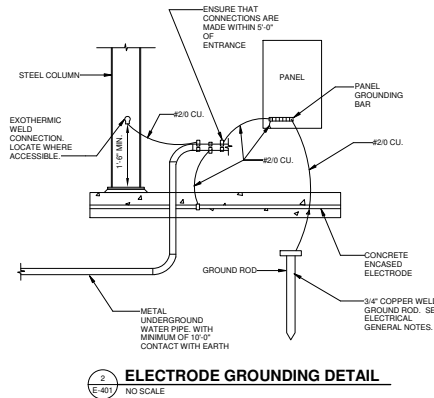
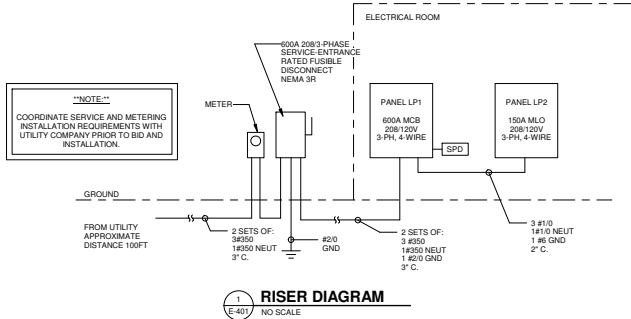
**SPECIAL OUTLET SCHEDULE NOTES:**

PROVIDE LOCAL DISCONNECTING FOR DEVICES WITHOUT RECEPTACLE. COORDINATE WITH MOCF.

MOTOR SCHEDULE	
ID	DESCRIPTION
1	ELEVATOR
2	PUMP
3	OVERHEAD DOOR
4	OCU-1
5	OCU-2
6	OCU-3
7	OCU-4
8	IFC-1
9	IFC-2
10	IFC-3
11	IFC-4
12	OH-1
13	OH-2
14	OH-3
15	IHP-1
16	IHP-2
17	IHP-3.1
18	IHP-3.2
19	IHP-3.3
20	EF-1
21	EF-2
22	CONDENSATE PUMP
23	AIR FILTER. PROVIDE RECEPTACLE AT 8" 6" A.F.F.

**MOTOR SCHEDULE NOTES:**

PROVIDE LOCAL FUSIBLE DISCONNECTING MEANS FOR EACH MOTOR. COORDINATE WITH MOTOR MOCF.



**CLIENT:** AUGUSTA MUSEUM OF HISTORY  
600 REYNOLDS ST., AUGUSTA, GA 30901

**PROJECT NAME:** AUGUSTA MUSEUM OF HISTORY

**PROJECT LOCATION:** 600 REYNOLDS ST., AUGUSTA, GA 30901



NO.	DATE	BY	DESCRIPTION
1	10/21/23	JAP	ISSUED FOR CONSTRUCTION
0	10/29/21	JAP	ISSUED FOR CONSTRUCTION

PROJECT NO. 3042.2103

DRAWN BY: JAP

CHECKED BY: HJW

DATE: 08/03/2022

SHEET TITLE: ELECTRICAL SCHEDULES AND DETAILS

SCALE: AS NOTED

DRAWING NO. **E-401**

REV: 1

THIS DOCUMENT IS THE PROPERTY OF JACOBSON, LASCHOBOR & ASSOCIATES, P.C. IT IS TO BE USED ONLY FOR THE PROJECT AND AT THE LOCATION SPECIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF JACOBSON, LASCHOBOR & ASSOCIATES, P.C.

MIN. WIRE/CONDUIT SIZE		Load Name	AMPS	P	OKT	A	B	C	OKT	P	AMPS	Load Name	MIN. WIRE/CONDUIT SIZE
3#950, #4G, 3" C		FUTURE ELEVATOR	300 A	3	1	20295 VA	2160 VA		2	2	30 A	OCU-1	2#10, #10G, 3/4" C
					3				4	2	30 A	OCU-2	2#10, #10G, 3/4" C
					5				6	2	30 A	OCU-3	2#10, #10G, 3/4" C
3#110, #10G, 3/4" C		TABLE SAW	20 A	3	7	2006 VA	2160 VA		8	2	30 A	OCU-4	2#10, #10G, 3/4" C
					9				10	2	40 A	OCU-3	2#10, #10G, 3/4" C
					11				12	2	40 A	OCU-4	2#10, #10G, 3/4" C
3#110, #10G, 3/4" C		AIR COMPRESSOR	25 A	3	13	3000 VA	2880 VA		14	2	40 A	OCU-4	2#10, #10G, 3/4" C
					15				16	2	40 A	OCU-4	2#10, #10G, 3/4" C
					17				18	2	30 A	EW-1	2#10, #10G, 3/4" C
2#10, #10G, 3/4" C		OHP-1	25 A	2	19	1320 VA	2250 VA		20	2	30 A	EW-1	2#10, #10G, 3/4" C
					21				22	1	20 A	OVERHEAD DOOR	2#10, #10G, 3/4" C
2#10, #10G, 3/4" C		OHP-2	30 A	2	23		1320 VA	1500 VA	24	1	20 A	OVERHEAD DOOR	2#10, #10G, 3/4" C
					25				25	1	20 A	OVERHEAD DOOR	2#10, #10G, 3/4" C
2#6, #10G, 1" C		OHP-3, CONDENSATE PUMPS	50 A	2	27		3000 VA	1500 VA	28	1	20 A	OVERHEAD DOOR	2#10, #10G, 3/4" C
					29				30	2	20 A	SPARE	2#10, #10G, 3/4" C
2#12, #12G, 3/4" C		IFC-1	15 A	1	31	1056 VA	0 VA		32	2	20 A	SPARE	2#10, #10G, 3/4" C
2#12, #12G, 3/4" C		IFC-2	15 A	1	33		1056 VA	0 VA	34	1	20 A	SPARE	2#10, #10G, 3/4" C
2#12, #12G, 3/4" C		IFC-3	15 A	1	35			1356 VA	0 VA	36	1	20 A	SPARE
2#12, #12G, 3/4" C		IFC-4	15 A	1	37	1356 VA	0 VA		38	1	20 A	SPARE	2#10, #10G, 3/4" C
2#12, #12G, 3/4" C		SUMP PUMP	20 A	1	39		1000 VA	0 VA	40	1	20 A	SPARE	2#10, #10G, 3/4" C
		SPACE	--	--	41				42	1	20 A	SPARE	2#10, #10G, 3/4" C
		SPACE	--	--	43	0 VA	0 VA		44	--	--	SPACE	--
		SPACE	--	--	45		0 VA	0 VA	46	--	--	SPACE	--
		SPACE	--	--	47			0 VA	0 VA	48	--	SPACE	--
		SPACE	--	--	49	0 VA	8679 VA		50	3	150 A	LP2	SEE RISER DIAGRAM
		SPACE	--	--	51			0 VA	8298 VA	52	--	--	--
		SPACE	--	--	53			0 VA	9142 VA	54	--	--	--

REMARKS: \* PROVIDE SHUNT TRIP TYPE BREAKER, INSTALL BREAKER AND EMPTY CONDUIT WITH PULL STRINGS FOR THIS CIRCUIT. DO NOT INSTALL WIRE FOR CIRCUIT LP1-1.3.5 AS PART OF THIS PROJECT.

MIN. WIRE/CONDUIT SIZE		Load Name	AMPS	P	OKT	A	B	C	OKT	P	AMPS	Load Name	MIN. WIRE/CONDUIT SIZE	
2#12, #12G, 3/4" C		LIGHTING	20 A	1	1	655 VA	900 VA		2	1	20 A	LIGHTING	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		LIGHTING	20 A	1	3		635 VA	473 VA	4	1	20 A	LIGHTING	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		LIGHTING	20 A	1	5			1018 VA	1050 VA	6	1	20 A	LIGHTING	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C		LIGHTING	20 A	1	7	42 VA	750 VA		8	1	20 A	EXTERIOR LIGHTING	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	9		720 VA	720 VA	10	1	20 A	RECEPTACLES	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	11			540 VA	1000 VA	12	1	20 A	RECEPTACLES	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	13	1000 VA	540 VA		14	1	20 A	RECEPTACLES	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	15		950 VA	1000 VA	16	1	20 A	RECEPTACLES	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	17			1000 VA	1000 VA	18	1	20 A	RECEPTACLES	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	19	1000 VA	720 VA		20	1	20 A	RECEPTACLES	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	21		900 VA	720 VA	22	1	20 A	RECEPTACLES	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		APPLIANCE	20 A	1	23			1500 VA	540 VA	24	1	20 A	RECEPTACLES	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	25	720 VA	306 VA		26	1	20 A	ELEV RECEPTACLE, LIGHTING	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		PLOTTER	20 A	1	27		1000 VA	0 VA	28	1	20 A	SPARE	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		LIGHTING	20 A	1	29			630 VA	0 VA	30	1	20 A	SPARE	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	31	540 VA	1000 VA		32	1	20 A	RECEPTACLE	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		FACP	20 A	1	33		1000 VA	0 VA	34	1	20 A	SPARE	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		AIR FILTER	20 A	1	35			864 VA	0 VA	36	1	20 A	SPARE	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	37	540 VA	0 VA		38	1	20 A	SPARE	2#12, #12G, 3/4" C	
2#12, #12G, 3/4" C		RECEPTACLES	20 A	1	39		180 VA	0 VA	40	1	20 A	SPARE	2#12, #12G, 3/4" C	
		SPACE	--	--	41				42	1	20 A	SPARE	2#12, #12G, 3/4" C	
		SPACE	--	--	43	0 VA	0 VA		44	--	--	SPACE	--	
		SPACE	--	--	45		0 VA	0 VA	46	--	--	SPACE	--	
		SPACE	--	--	47			0 VA	0 VA	48	--	SPACE	--	
		SPACE	--	--	49	0 VA	0 VA		50	--	--	SPACE	--	
		SPACE	--	--	51			0 VA	0 VA	52	--	SPACE	--	
		SPACE	--	--	53			0 VA	0 VA	54	--	SPACE	--	

NOTE 1:  
CONTRACTOR TO COORDINATE SERVICE AND METERING INSTALLATION REQUIREMENTS, A/C RATING, AND PANEL SCRR WITH UTILITY COMPANY PRIOR TO BID AND INSTALLATION.



Since 1980  
Architects • Engineers • Landscape Architects  
JOHNSON, LASCHOBER &  
ASSOCIATES, P.C.  
AUGUSTA, GA • CHARLESTON, SC  
TEL (706) 724-5756 • TEL (843) 639-4636  
FAX (706) 724-3895  
WWW.THEJLACORP.COM

CLIENT: AUGUSTA MUSEUM OF HISTORY  
660 REYNOLDS ST., AUGUSTA, GA 30901  
PROJECT NAME: AUGUSTA MUSEUM OF HISTORY  
PROJECT LOCATION: 660 REYNOLDS ST., AUGUSTA, GA 30901



NO.	DATE	BY	DESCRIPTION
1	10/15/23	HWJ	ISSUED FOR CONSTRUCTION
0	10/29/21	HWJ	ISSUED FOR CONSTRUCTION

PROJECT NO: 3042-2103  
DRAWN BY: JAP  
CHECKED BY: HWJ  
DATE: 08/03/2022

SHEET TITLE:  
**ELECTRICAL  
PANEL SCHEDULES**

SCALE: AS NOTED  
DRAWING NO:  
**E-402**

REV: 1

AUGUSTA, GA 30901

THIS DOCUMENT IS THE PROPERTY OF JLA. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF JLA.