

ADDENDUM No.: 1

Project Name and No.: MU Project #CP221943, BSA Project #14110010

University Physicians Medical Building - 3rd Floor Renovation

At the University of Missouri Columbia, MO

Date Issued: 25 April 2023

Description: REVISED DRAWINGS TO ADDRESS GBA PLAN REVIEW CODE COMMENTS

Incorporate modifications as follows:

ARCHITECTURAL

1. SHEET G200 - CODE SUMMARY & LIFE SAFETY PLAN

CODE SUMMARY:

- a. Added note under Project Code Summary table to provide Risk Category of the Building (II) per plan review code comments.
- b. Added note under Project Code Summary table to indicate Fire Alarm and Fire Sprinkler as required deferred submittals per plan review code comments.

ELECTRICAL

1. SHEET E101 - THIRD FLOOR POWER AND SYSTEMS PLAN - NEW WORK:

ELECTRICAL THIRD FLOOR NEW WORK PLAN:

- a. Added fire alarm devices in RR 3128, RR 3115, and RR 3148 per plan review code comments.
- b. Added fire alarm device in Corridor C3108.

Attachments: SHEETS G200 AND E101

Issued By: Enku Assefa / BSA LifeStructures

Copies:

This clarification and/or change is intended to supplement and/or modify the contract documents; however, the information presented is presumed to be relatively minor in nature, not requiring a modification of the contract amount or time of completion. Contractor must advise if this assessment is in error in order that the specified procedure for modifying the contract can be implemented. If a response is necessary, please respond within two weeks.



ELEC. EQUIP.

STORAGE 0106D

WORKSTATION 0106E

OFFICE OFFICE 0107A

TELECOM

OFFICE 0104

OFFICE 0103

SUPPLY 0202

CONFERENCE ROOM 0102J

1 THIRD FLOOR PLAN
1/16" = 1'-0"

REST. ACC. CORR. \ C0100

UP-----

ALTERNATE #1 - BASEMENT LIFE SAFETY

2 PLAN 1/16" = 1'-0"

E0003

PASSAGE

MECH. 0200

OFFICE 0102A

OFFICE OFFICE OFFICE 0102B

REQUIREMENT		
1ST: 19,000 SQFT/150 = 127 OCCUPANT LOAD		
1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	4	
1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	3	
1 PER 100	2	
	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50 1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	

BING FIXTURE COUNT		(TABLE 2902.1)	CC	CODE SUMMARY		
Y TYPE: BUS	SINESS		PRO	DJECT INFORMATION:		
	REQUIREMENT	NUMBER REQUIRED		NAME: ADDRESS:	UPMB 3RD FLOOR RENOV 1020 HITT ST.	
) SQFT/150 =	127 OCCUPANT LOAD	3RD FLOOR			COLUMBIA, MO 65212	
OSETS	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	4		PROJECT DESCRIPTION:	INTERIOR RENOVATION (FLOOR OF UPMB, EXISTII 19,000 SF. FULL RENOVATION OF AF	
ΞS	1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	3			6,419 SF. EXTENSIVE MODIFICATION APPROXIMATELY 601 SF.	
FOUNTAINS	1 PER 100	2			APPROXIMATELY 37% OF BE RENOVATED.	
SINK	1 SERVICE SINK	1		OWNER:	UNIVERSITY OF MISSOUF PHYSICIANS MEDICAL BU CURATORS OF THE UNIV MISSOURI	

D FLOOR RENOVATION R RENOVATION OF THE 3RD F UPMB, EXISTING FLOOR IS NOVATION OF APPROXIMATELY SIVE MODIFICATIONS OF (IMATELY 601 SF. (IMATELY 37% OF THE FLOOR WILL RSITY OF MISSOURI - UNIVERSITY ANS MEDICAL BUILDING, FOR THE ORS OF THE UNIVERSITY OF

DESIGN PROFESSIONAL: ARCHITECT: BSA LIFESTRUCTURES ADDRESS: 12645 OLIVE BLVD. SUITE 227 CREVE COEUR, MO 63141 CONTACT: ENKU ASSEFA 913-748-8813, EXT 6017

EASSEFA@BSALIFESTRUCTURES.COM **CODE INFORMATION:**

2021 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL EXISTING BUILDING CODE (FOR LEVEL 1 LEVEL 2 ALTERATIONS ONLY WITH PREAPPROVAL FROM AHJ) 2021 INTERNATIONAL PLUMBING CODE

2021 INTERNATIONAL MECHANICAL CODE 2021 INTERNATIONAL FIRE CODE 2017 ICC A117.1 ACCESSIBLE NAD USABLE BUILDINGS AND

2020 NATIONAL ELECTRIC CODE/ NFPA 70 2019 NFPA 110 STANDARD FOR EMERGENCY AND STANDBY

2012 NFPA 101 LIFE SAFETY CODE 2012 NFPA 99 STANDARD FOR HEALTH CARE FACILITIES 2018 NFPA 90A INSTALLATION OF AIR CONDITIONING NAD VENTILATING SYSTEMS 2017 NFPA 75 STANDARD FOR THE FIRE PROTECTION OF

INFORMATION TECHNOLOGY EQUIPMENT 2019 NFPA 72 NATIONAL FIRE ALARM CODE 2019 NFPA 51B STANDARD FOR FIRE PREVENTION DURING WELDING, CUTTING, AND OTHER HOT WORK

2019 NFPA 13 INSTALLATION OF FIRE SPRINKLER SYSTEMS 2019 ASHRAE 62.1 VENTILATION FOR ACCEPTABLE INDOOR AIR (VENTILATION RATES FOR SPACES NOT FOUND IN ASHRAE STANDARD 170 OR THE HIGHER OF THE TWO AIR CHANGE RATES PERSCRIBED IN BOTH)

2019 ASHRAE 90.1 ENERGY STANDARD FOR BUILDINGS 2017 ASHRAE 170 VENTILATION OF HEALTH CARE FACILITIES 2016 ASME A17.1 - SAFETY CODE FOR ELEVATORS AND

ESCALATORS 2010 AMERICANS WITH DISABILITIES ACT - STANDARDS FOR ACCESSIBLE DESIGN 2018 FACILITIES GUIDELINES INSTITUTE

OCCUPANCY: CONSTRUCTION TYPE: UNLIMITED(19,000 SF EXISTING) ALLOWABLE AREA: ALLOWABLE STORIES: 12 STORIES(4 STORIES EXISTING) ALLOWABLE HEIGHT: 180 ft(52 ft EXISTING) COMMON PATH OF EGREES TRAVEL: 100 FT

B OCCUPANCY EXIT ACCESS TRAVEL DISTANCE: 300 FT B OCCUPANCY STAIRWAYS = 38 INCHES

OTHER = 25 INCHES CORRIDORS: MINIMUM WIDTH: DEAD END: FIRE EXTINGUISHERS: MAXIMUM TRAVEL DISTANCE:

<u>LIFE-SAFETY FEATURES:</u>
SPRINKLER SYSTEM THROUGH-OUT SMOKE DETECTORS & FIRE ALARM SYSTEM EMERGENCY LIGHTS- INVERTER BACKUP EXIT LIGHTS- INVERTER BACKUP

RE RESISTANCE RATING REQUIREMENTS: 2 HOURS - EXISTING STRUCTURAL FRAME: FLOOR CONSTRUCTION: 2 HOURS - EXISTING ROOF CONSTRUCTION: 0 HOURS - EXISTING 2 HOURS - EXISTING SHAFT ENCLOSURE: STAIR CONSTRUCTION: 2 HOURS - EXISTING

DEFERRED SUBMITTALS REQUIRED: FIRE ALARM & FIRE SPRINKLER

BUILDING RISK CATEGORY: II

LIFE-SAFETY SYMBOLS LEGEND

XX)_ _	COLUMN LINE		
ROOM — 000			
#	PLAN NOTE DESIGNATION		
EXIT -	EXIT SYMBOL		
⟨FEX⟩ -	FIRE EXTINGUISHER		
⟨FEC⟩ -	FIRE EXTINGUISHER CABINE		

WALL RATINGS 1-HOUR RATED FIRE - (1HR) 2-HOUR RATED FIRE - (2HR)

REFER TO A000 FOR GENERAL NOTES

KEYNOTE LEGEND

SPECIAL INSPECTIONS								
CHECK IF REQUIRED	INSPECTION TASK	CONTINUOUS	PERIODIC	STANDARD	NOTES/COMMENT			
	PENETRATION FIRESTOPS		\boxtimes	ASTM E2174	TESTING TO BE CONDUCTE BY AN APPROVED AGENCY			
	INSTALLATION OF MECHANICAL AND ELECTRICAL EQUIPMENT, INCLUDING DUCT WORK, PIPING SYSTEMS, AND THEIR STRUCTURAL SUPPORTS, WHERE AUTOMATIC FIRE SPRINKLER SYSTEMS ARE INSTALLED.			IBC 2021 1705.13.6				

BSA LifeStructures 12645 Olive Blvd, Suite 100 Creve Coeur, MO 63141 ph 314.754.6306 fx 314.754.4452



Missouri State Certificate of Authority #F00518223

Introba Inc. 6 S Old Orchard Ave St. Louis, MO 63119 ph 314.918.8383 www.introba.com

Missouri State Certificate of Authority #2023008136

A Custom Engineering Company 🔬

LIGHTING ENGINEERING: Timberlake Engineering 912 Old Highway 63 South Columbia, MO 65201 ph 573.875.4365 ext 209 www.customengr.com Missouri State Certificate of Authority #000239

Health Care

MU PROJECT NO. - CP221943

UNIVERSITY PHYSICIANS MEDICAL BUILDING - 3RD FLOOR RENOVATION

1020 Hitt St. Columbia, MO 65212

BID SET

DATE DESCRIPTION 1 04/25/2025 ADDENDUM #1

I hereby certify these drawings and/or specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these drawings and/or specifications are as required by and in compliance with the Building Codes of



CODE SUMMARY & LIFE SAFETY PLAN

- THIS SHEET SHALL BE PRINTED IN COLOR -

03 APRIL 2023 BSALS PROJECT NO. G200



ELECTRICAL THIRD FLOOR NEW WORK PLAN

GENERAL NOTES

- A. REFER TO SHEET E000 FOR ELECTRICAL GENERAL
- B. REFER TO ARCHITECTURAL SHEET G200 FOR IDENTIFICATION OF PROJECT SCOPE OF WORK AREAS.
- C. CIRCUIT NUMBERS ARE FOR REFERENCE AND ARE SHOWN FOR LOADING PURPOSES ONLY. CONTRACTOR TO USE CIRCUITS MADE SPARE FROM DEMOLITION AND AVAILABLE SPARE CIRCUIT BREAKERS IN PANELBOARDS. CONTRACTOR MAY CONNECT NEW RECEPTACLES TO EXISTING CIRCUITS ALREADY IN ROOMS SO LONG AS THERE ARE NO MORE THAN (8) RECEPTACLES ON A SINGLE CIRCUIT. DEVICES SHOWN ON DEDICATED CIRCUITS TO REMAIN ON DEDICATED
- D. ALL FIRE ALARM PULL STATIONS IN AREA OF CONSTRUCTION TO REMAIN IN SERVICE AND SHALL BE BAGGED DAILY DURING WORKING HOURS AND UNBAGGED AT THE END OF THE DAY AND WHEN CONTRACTOR IS NOT ON SITE.

KEYED NOTES

- 1. CORE DRILL FLOOR AND PROVIDE 6" POKE THRU
 DEVICE WITH (1) GANG OF POWER (DUPLEX
 RECEPTACLE) AND FLUSH COVER PLATE. WIREMOLD
 EVOLUTION SERIES 6 OR APPROVED EQUAL. FIELD
 VERIFY EXISTING STRUCTURE AND VERIFY EXACT
 LOCATION WITH ARCHITECT PRIOR TO CORE DRILL. ROUTE (2)#12, (1)#12G IN 3/4"C. DOWN WALL TO 3RD FLOOR CEILING SPACE AND OVER TO POKE THRU.
- PROVIDE NEW RECEPTACLE AS INDICATED AND CONNECT TO EXISTING WIRING. PROVIDE NEW FACEPLATE FOR DEVICE.
- CONNECT NEW RECEPTACLE TO SAME CIRCUIT AS ADJACENT RECEPTACLE.
- 4. PROVIDE EZ PATH SERIES 22 FIRE RATED PATHWAY ABOVE DOOR FOR LOW VOLTAGE CABLES.
- PROVIDE WIREMOLD WIREWAY FOR MONITOR HDMI CABLES AND POWER. COORDINATE LOCATION WITH MONITOR INSTALLATION.
- 6. CONTRACTOR TO VERIFY WHAT CIRCUIT EACH RECEPTACLE IS CONNECTED TO AND PROVIDE ADDITIONAL CIRCUITS AS REQUIRED TO ASSURE THERE ARE AT LEAST 4 SEPARATE CIRCUIT IN THIS
- PROVIDE POWER AND FINAL CONNECTION TO SOUND/CONTROL BOOTHS PER MANUFACTURERS WRITTEN INSTRUCTIONS.
- 8. WIRELESS REMOTE RELEASE PROVIDED BY SECURITY

BSA LifeStructures 12645 Olive Blvd, Suite 227 Creve Coeur, MO 63141 ph 314.754.6306 fx 314.754.4452 Architectural Registration Number - 2003010309



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DESCRIPTION

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CHRISTOPHER ALAN PHILIPP PE 022262

THIRD FLOOR POWER AND SYSTEMS PLAN - NEW WORK

INTROBA PROJECT NO.

03 APRIL, 2023