

**West Virginia Northern Community College
WESCO Building Renovation – M&G Project No. 16-008
Request for Bids No. 18002**

ADDENDUM NO. 2

August 16, 2017

The following items shall be incorporated as part of the Project Manual and Construction Drawings for this Project and as such, shall be honored in your proposal.

I. CLARIFICATIONS:

Architectural

- A. Refer to Project Manual, Section 011000 - Summary, Paragraph 1.5.A.1 – Coordination with Owner Provided Vendors/Contractors.
 - 1. Delete Item No. 1, HVAC DDC System. West Virginia Northern Community College is not the vendor for the DDC system. The General Contractor shall be responsible to provide all equipment, controls and related appurtenances required for a fully functional HVAC system that is fully coordinated and operational with the College's existing DDC system for the campus. See other portions of this Addendum No. 2 for additional information.
- B. Refer to attached revised drawings A1.1, A3.1 and A4.4, as well as revised Door Hardware Set 24, for changes related to reversing the swings of Doors 105 and 106 per the West Virginia State Fire Marshal plan review letter.
- C. Refer to Drawing A1.0 – Wall Types.
 - 1. Provide 20-gauge metal studs at Wall Types 5, 6, 7, 8, 9, 9A and 11 in lieu of 25-gauge.

Mechanical

- A. Refer to Specification Section 230923 – Direct Digital Control Systems.
 - 1. All references to “FMS Contractor” are for suggested scope of work to the controls vendor. The primary DDC controls system work, including the “FMS Contractor”, shall be included in the scope of the Mechanical Contractor. See Paragraph 1.6 of this Specification for the suggested division between Electrical Contractor (Division 26), Mechanical Contractor (Division 23) and the DDC Vendor (FMS). Any variations or exceptions from these suggested scopes should be reviewed and approved with the General Contractor. Also refer to Specification Section 230500, Paragraph 1.5 C.
 - 2. Replace Paragraph 1.3 G with the following:

“G. The new open protocol Building Automation controls system shall communicate through an internet connection to the Owner’s existing Honeywell Excel 5000 system. Contractor shall include the labor and materials to build graphics for new system on the existing facility management system that shall include web pages for all items including equipment user views and floor plan graphics indicating variance from set points. A link to the written sequence of operations must be present on all graphic pages. Equipment using reset schedules shall have these schedules printed or linked on graphic pages. The Building Automation System within the new building shall comprise of a new wired network that shall fully support a multi-vendor environment and be able to integrate third party systems via existing vendor protocols including, as a minimum, LonTalk, BACnet and MODBUS. All controls points shall be accessible by the Owner and system shall be capable of support by other vendors without restriction. An Ethernet connection and power outlet for the main building controller has been coordinated in Storage Room 124.

- “1. Copies of field commissioning to be supplied to the Owner during project close-out.
2. All controllers shall have display screens.
3. All building controllers shall include UPS backup.”

B. Refer to Drawing M2.1.

1. Thermostats serving Rooms 105 and 106 shall be relocated adjacent to relocated light switches. Coordinate with Architectural and Electrical changes noted elsewhere in this Addendum.

C. Refer to Drawing M2.2.

1. Coded Note #2 shall be changed to: “12” x 10” exhaust duct up through roof to EF-1. Contractor shall locate duct and penetration as close to stairwell as possible while still providing adequate access for assembly and maintenance. Provide 1-hour rated fire/smoke damper in exhaust ductwork at floor line. Provide access doors in duct for access to damper. Coordinate exact location with other trades.

Electrical

A. Refer to Drawing E4.1.

1. Add one duct mounted “SMD” smoke detector and test station to serve exhaust duct fire/smoke damper for exhaust fan EF-1. Coordinate exact location of duct detector with Mechanical Contractor. Test station shall be located in accessible ceiling of Corridor 115. Connect fire/smoke damper to Panel ILEM, Circuit #16 (20A/1P), with two #12, one #12G, in 3/4” C.

B. Refer to attached revised Drawing E2.1 for changes mainly related to reversing the swings of Doors 105 and 106 per the West Virginia State Fire Marshal review letter.

Questions

A. Question: Per Addendum No. 1, providing and installing the DDC temperature control system is by the College and not to be included in our bid. Is this correct?

Answer: The DDC system shall be provided (furnished and installed) by the General Contractor. See other portions of Addendum No. 2 for clarification on scope and compatibility of system.

B. Question: Is the snow melt alternate on the HC ramp electric or will there be a boiler system?

Answer: The alternate snow melt system is electric. There is no boiler system.

- C. Question: Where can we obtain the Lincoln Statiflex filter bank?

Answer: Provide welding exhaust package from one of the following manufacturers:

- a. Lincoln Electric Company
- b. Miller Electric Manufacturing Company
- c. Robovent

Basis of specification is Lincoln Electric Company and packages by the other manufacturers shall include equal components. Other manufacturers cannot be considered prior to the bid, as the deadline for substitution requests has passed.

- D. Question: Are the combination fire and smoke dampers required to be installed where all of the ducts penetrate the storage area floor to the first floor ceiling area?

Answer: The combination fire/smoke dampers are required at the Incidental Storage Area floor as shown on the drawings (supply and return ducts connected to RTU-1-coded note #6 on Sheet M2.2.)

- E. Question: Is the electrician responsible for wiring the damper into the fire alarm system?

Answer: The intent of the documents is for the Electrical Contractor to connect the dampers to the fire alarm system. However, the General Contractor is responsible for properly dividing the workload between subcontractors.

- F. Question: Who is responsible for providing and installing the duct smoke detectors?

Answer: The intent of the documents is for the Electrical Contractor to furnish and install the duct smoke detectors as part of the fire alarm system package. However, the General Contractor is responsible for properly dividing the workload between subcontractors.

- G. Question: Drawing AD1.1, Note 5, Remove Flooring and Base – It appears all flooring and base is already removed. Is this correct?

Answer: Disregard Keynote 5 on Drawing AD1.1 with the exception of the small amount of flooring that needs to be removed in the existing vestibule of the existing east entrance. The balance of the previously noted flooring has already been abated by others.

- H. Question: Is there a detail for the 16'x16' sidewalk logo shown on the northwest corner showing the composition?

Answer: Reference attached SK-1 – Sidewalk Compass Detail, for related geometry and composition. The logo design was simplified to improve constructability.

- I. Question: Per Addendum No. 1, Answer to Question B, very few colors (including “Milky Way”) are available in 3/4” thick.

Answer: The previously requested 1/2” thick Corian is acceptable provided that the fabricator provides suitable structural support per the manufacturer’s recommendations, including the implementation of a continuous

perimeter structural support frame and spacers to provide rigidity, prevent flexing, and continuously support the perimeter.

J. Question: Per Spec Section 051200-1, are the steel fabricators/installers required to participate in the AISC Quality Program and be designated as an AISC Certified Erector?

Answer: Section 051200 – Delete Paragraph 1.4 A – Installer Qualifications. AISC certification is not required.

K. Question: Referring to Elevation Keynote E1 – “Existing brick veneer to remain. Clean and seal entire exterior brick envelope in accordance with the Project Manual.” The Specifications only list a rust removal chemical. Is another chemical to be used for general masonry cleaning?

Answer: No.

L. Question: Referring to Elevation Keynote E2 – “Repair/replace brick and concrete areas where existing wall mounted items have been removed in the past and where items were removed during demo.” Does this include fractured and damaged brick units on other elevations?

Answer: Only as related to the removal of wall-mounted items as referenced in the Note.

M. Question: Referring to Elevation Keynote E4 – “Repoint miscellaneous loose and missing mortar joints along exterior west elevation of building in accordance with Project Manual.” Repointing west elevation only?

Answer: Yes.

N. Question: Are the fractures in the lower concrete elevation wall to be routed and caulked?

Answer: No. Reference Keynote E8 on Sheet A1.0 regarding areas of spalled concrete.

O. Question: Does the impact board get level #5 finish below the ceiling or to the deck if there is none?

Answer: Reference Project Manual Section 092900, Paragraph 3.1.D for finish levels. Level #5 finish has not been noted and therefore is not required.

P. Question: If we are responsible to provide the control contractor, is it locked to the corporate control contractor only?

Answer: Yes.

Q. Question: If we can bid at a non-corporate level, is Honeywell Symmetry acceptable?

Answer: Not applicable, based on answer to Question “P” above.

Respectfully submitted,

M&G ARCHITECTS & ENGINEERS



Eric Matyskiela, PE
President

Attachments: Revised Drawings:
A1.1, A3.1, A4.4, E2.1
Sketch SK-1
Revised Hardware Set 24

cc: All Attendees and Plan Holders

ls

ACKNOWLEDGEMENT OF RECEIPT
OF ADDENDUM NO. 2
FOR
WEST VIRGINIA NORTHERN COMMUNITY COLLEGE
WESCO BUILDING RENOVATION
REQUEST FOR BIDS NO. 18002

I, _____ of _____ hereby
(name) *(company)*

acknowledge that I have received a copy of Addendum No. 2 with all its attachments and understand that my bid will not be honored unless this acknowledgement is returned to the Architect and I have noted receipt on the Proposal Form.

(company name)

(name)

(date)

Upon receipt, fax or email this page to 304/242-8249 or mg1@mgarc.com

THIS DESIGN DRAWING OR PRINT IS THE PROPERTY OF M & G ARCHITECTS AND ENGINEERS, INC. AND IS SUBJECT TO RETURN ON REQUEST. THE DESIGN CONCEPTS AND INFORMATION CONTAINED HEREIN ARE PROPRIETARY TO THIS COMPANY AND ARE SUBMITTED IN CONFIDENCE. THEY MUST NOT BE DISCLOSED, COPIED, REPRODUCED OR OTHERWISE USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF M & G ARCHITECTS AND ENGINEERS, INC.

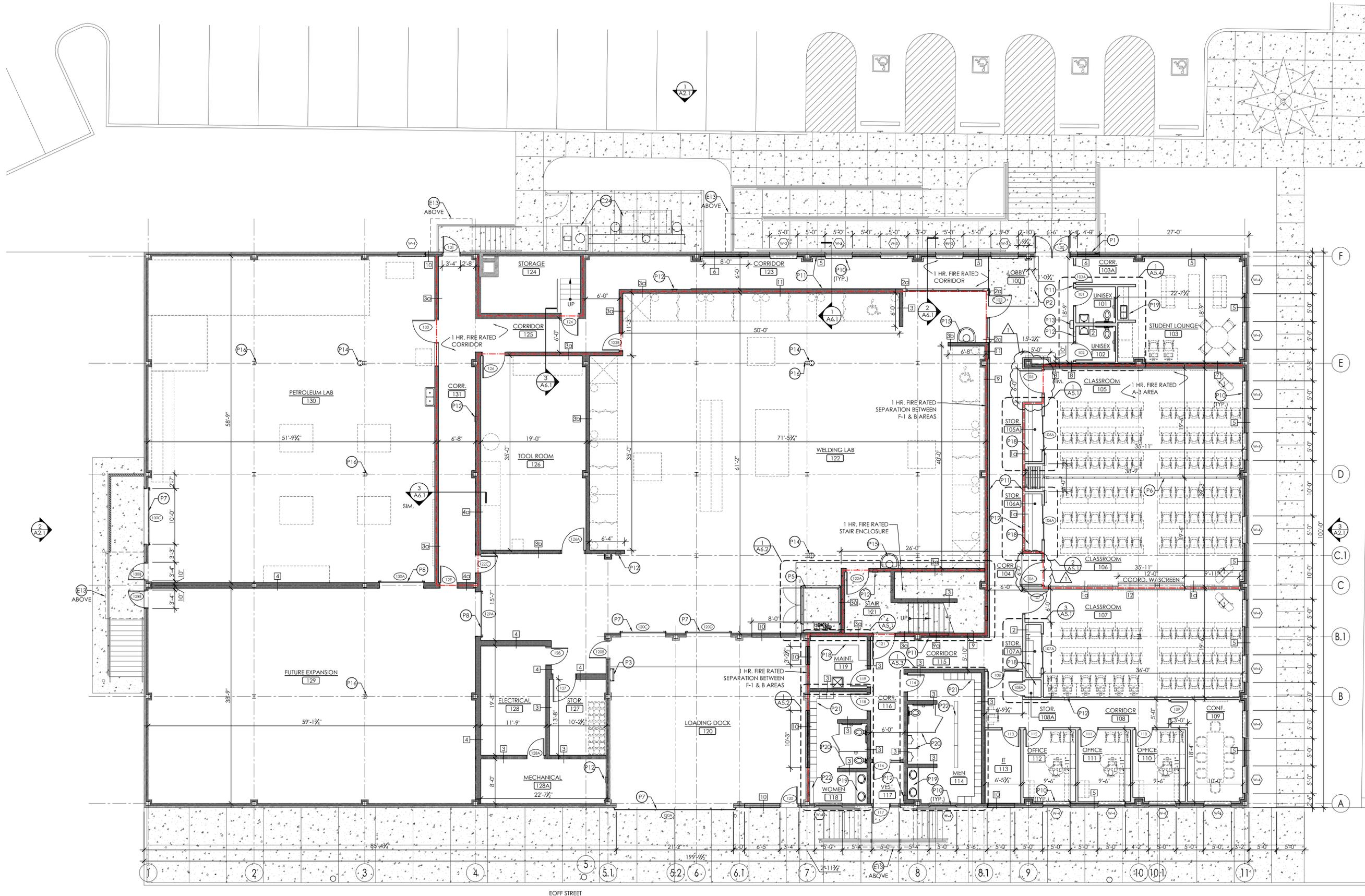
DRAWING STATUS
DESIGN STAGE:
 SCHEMATIC DESIGN
 DESIGN DEVELOPMENT
 CONSTRUCTION DRAWINGS
RELEASED FOR:
 REVIEW
 BIDDING
 CONSTRUCTION

WV NORTHERN COMM. COLLEGE
WESCO BUILDING RENOVATION
 EOFF STREET WHEELING, WV 26003
FIRST FLOOR PLAN

REVISION	
△	ADDENDUM 2 DOOR 105 & 106 - 8/15/17

DRAWN BY: Carla Bronder	CHECKED BY: Dan Grant
PROJECT NO. 16-008	
SCALE: 1/8" = 1'-0"	DATE: 07-25-17

SHEET
A1.1



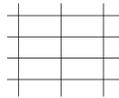
- REFERENCE NOTES**
- REFER TO SHEET A1.0 FOR GENERAL NOTES
 - REFER TO SHEET A1.0 FOR KEYNOTES
 - REFER TO SHEET A1.0 FOR WALL TYPES
 - REFER TO SHEETS A5.1 - A5.4 FOR CONTINUATION OF PLAN DIMENSIONS
 - REFER TO SHEETS C1.1 - C1.7 FOR EXTERIOR SITE IMPROVEMENTS

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



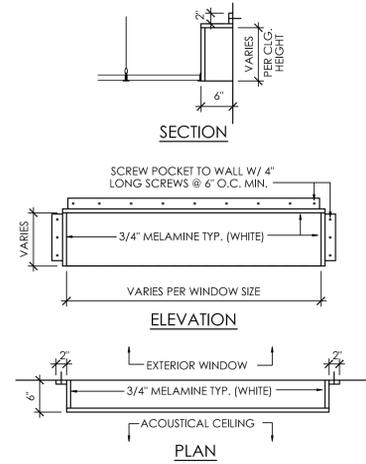
CEILING LEGEND

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

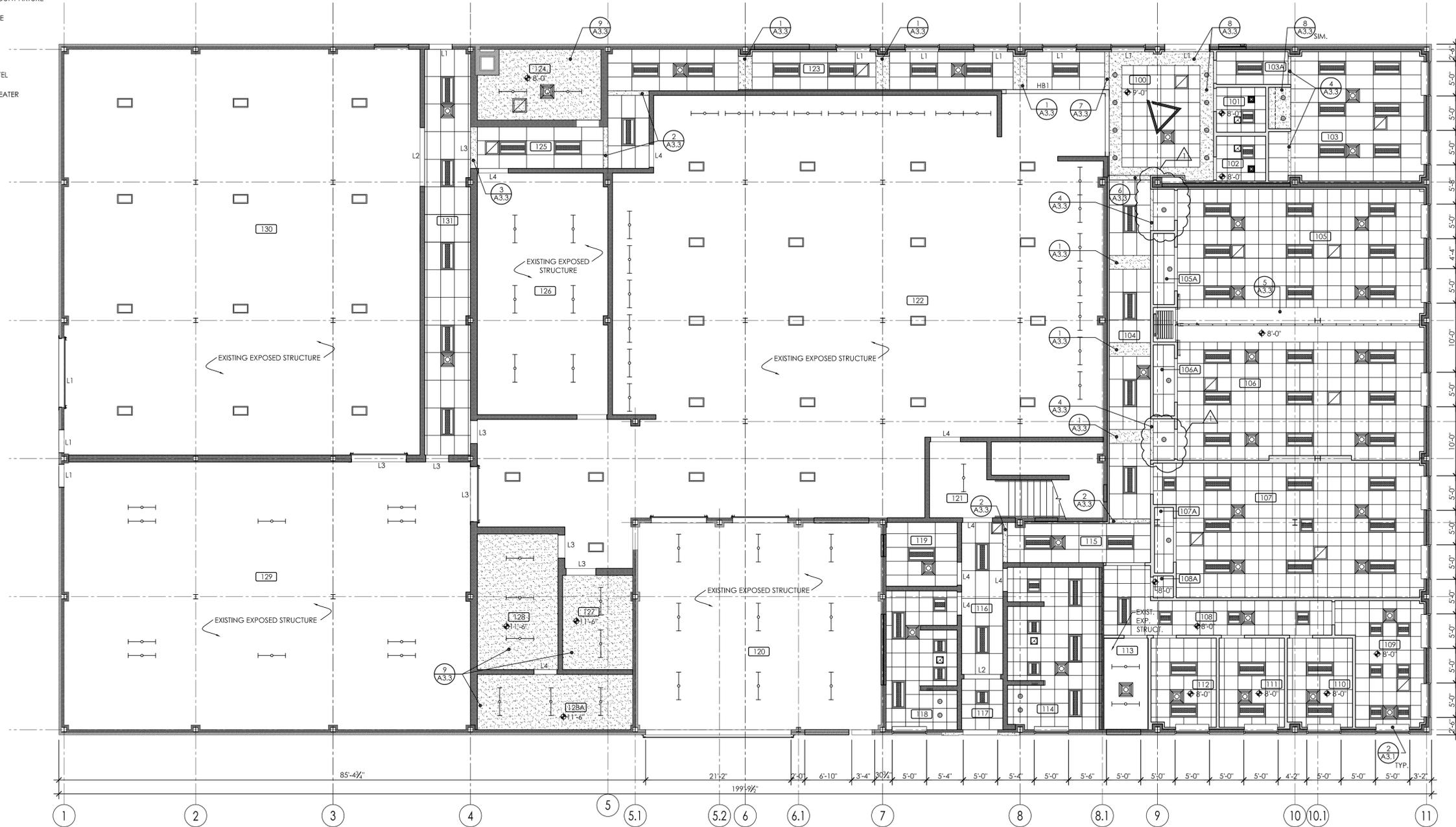
-  2x4' SUSPENDED ACOUSTICAL CEILING
- SEE ROOM FINISH SCHEDULE FOR HEIGHT AND MATERIAL SELECTION. ALL CEILINGS TO BE 8'-6" A.F.F. U.N.O.
-  2' x 4' LED LAY-IN LIGHT FIXTURE
-  2' x 2' LED LAY-IN LIGHT FIXTURE
-
-  RECESSED LED CAN LIGHT
-  SUPPLY AIR DIFFUSER
-  RETURN AIR GRILL
-  EXHAUST AIR GRILL
-  GYP. BD. SURFACE
-  LED SURFACE MOUNT FIXTURE
-  HIGH BAY FIXTURE
-  ROOM NUMBER
-  CEILING HEIGHT
-  STRUCTURAL LINTEL
-  ELECTRIC UNIT HEATER

GENERAL NOTES

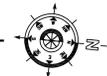
1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS ON SITE AND NOTIFY THE ARCHITECT IN WRITING OF ANY EXISTING WORK DIFFERING FROM THAT SHOWN ON DRAWINGS PRIOR TO COMMENCING WITH ANY WORK
2. CAULK AND SEAL ALL CEILING PENETRATIONS AS REQUIRED. PROVIDE UL APPROVED SEALANT SYSTEMS AT ALL FIRE RATED CEILINGS
3. CONTRACTOR SHALL COMPLY WITH AND GIVE NOTICES REQUIRED BY LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON PERFORMANCE OF THE WORK
4. REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
5. REFERENCE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION



2 WINDOW POCKET DETAILS
SCALE: 3/4" = 1'-0"



1 FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



m&g
Matsykela & Grant, Inc.
ARCHITECTS & ENGINEERS
1027 Mt. DeChantal Rd.
Wheeling, WV 26003
Ph: (304) 242-8248
Fax: (304) 242-8249

THIS DESIGN DRAWING OR PRINT IS THE PROPERTY OF M & G ARCHITECTS AND ENGINEERS, INC. AND IS SUBJECT TO RETURN ON REQUEST. THE DESIGN CONCEPTS AND INFORMATION CONTAINED HEREIN ARE PROPRIETARY TO THIS COMPANY AND ARE SUBMITTED IN CONFIDENCE. THEY MUST NOT BE DISCLOSED, COPIED, REPRODUCED OR OTHERWISE USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF M & G ARCHITECTS AND ENGINEERS, INC.

DRAWING STATUS

DESIGN STAGE:

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- CONSTRUCTION DRAWINGS

RELEASED FOR:

- REVIEW
- BIDDING
- CONSTRUCTION

WV NORTHERN COMM. COLLEGE
WESCO BUILDING RENOVATION
EOPF STREET WHEELING, WV 26003

FIRST FLOOR REFLECTED CEILING PLAN

REVISION	
1	ADDENDUM 2 DOOR 105 & 106 - 8/15/17

DRAWN BY: Carla Bronder	CHECKED BY: Dan Grant
PROJECT NO. 16-008	
SCALE: 1/8" = 1'-0"	DATE: 07-25-17

SHEET
A3.1

THIS DESIGN DRAWING OR PRINT IS THE PROPERTY OF M & G ARCHITECTS AND ENGINEERS, INC. AND IS SUBJECT TO RETURN ON REQUEST. THE DESIGN CONCEPTS AND INFORMATION CONTAINED HEREIN ARE PROPRIETARY TO THIS COMPANY AND ARE SUBMITTED IN CONFIDENCE. THEY MUST NOT BE DISCLOSED, COPIED, REPRODUCED OR OTHERWISE USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF M & G ARCHITECTS AND ENGINEERS, INC.

DRAWING STATUS
DESIGN STAGE:
 SCHEMATIC DESIGN
 DESIGN DEVELOPMENT
 CONSTRUCTION DRAWINGS
RELEASED FOR:
 REVIEW
 BIDDING
 CONSTRUCTION

FLOORING LEGEND:

-  F1 - NORA
-  F2 - VCT
-  F3 - VCT
-  F4 - CARPET
-  F5 - VCT
-  F6 - SHEET VINYL
-  F7 - SDT



WV NORTHERN COMM. COLLEGE
WESCO BUILDING RENOVATION
 EOFF STREET WHEELING, WV 26003
FIRST FLOOR FLOORING PLAN

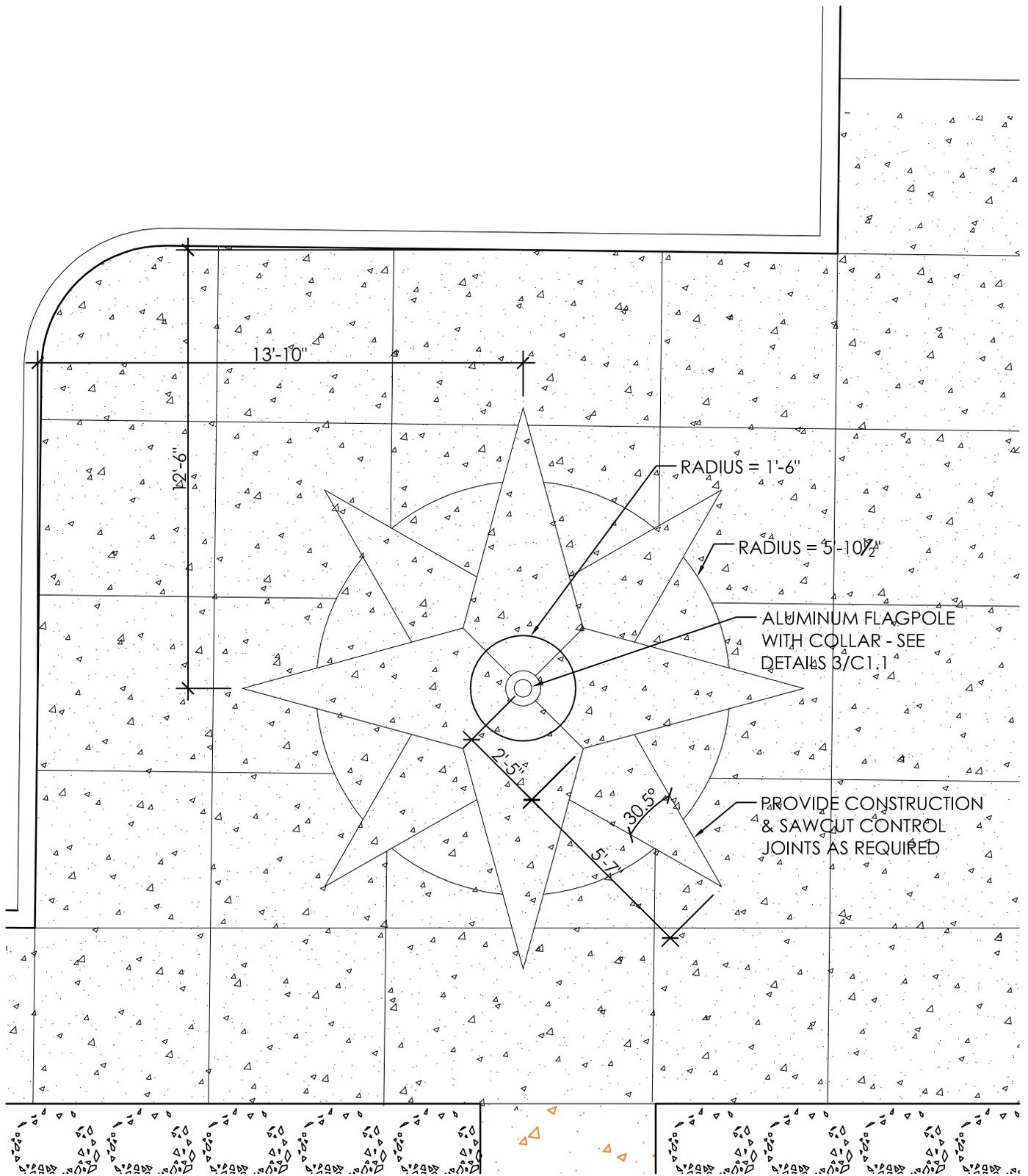
REVISION	
Δ	ADDENDUM 2 DOOR 105 & 106 - 8/15/17

DRAWN BY: L. Eisenhauer	CHECKED BY: Dan Grant
PROJECT NO. 16-008	
SCALE: 1/8" = 1'-0"	DATE: 07-25-17

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



SHEET
A4.4



1
SK-1

SIDEWALK COMPASS DETAIL

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

AUGUST 15, 2017



HDW SET 24

Door(s) Marked:

105 106

Each To Have:

Qty		Description	Catalog Number	Finish	Mfr
3	EA	HW HINGE	5BB1HW 5 X 4.5	652	IVE
1	EA	FIRE EXIT HARDWARE	99-L-F-2SI-06-SNB	626	VON
2	EA	RIM CYLINDER	1E72 S2 RP3	626	BES
2	EA	PERMANENT CORE	AS REQUIRED	626	BES
1	EA	SURFACE CLOSER	4040XP REG OR PA AS REQ	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV	630	IVE
1	EA	GASKETING	188S-BK	S-Bk	ZER