ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **Godare Hall Renovations** for Vincennes University, Vincennes, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received Addendum #1, Addendum #2 and this Addendum and include the appropriate content of same within their bid proposal.

CLARIFICATIONS

1. **Scope of Demolition of Contracts**
   A. The General Contractor is to follow the Architectural Plan Demolition Sheets for Concrete Floor, Gypsum Board, and Masonry wall repairs and replacement as it relates to Contract #1 Scope of work, and as specifically noted on these sheets where related to the Mechanical and Electrical Contracts demolition work only. As indicated in both Mechanical and Electrical Contract Demolition Drawings, any additional scope beyond that indicated in the Architectural Demolition Plan Sheets is to be patched, repaired and/or replaced by the Mechanical and Electrical Contract that initiated the demolition.
2. **Scope of Finishes in Passage Rooms**
   A. Contractors are to match the finishes of the Room adjacent to the Passage, refer to added General Note Q for Sheets A-801 through A-806.
3. **Scope of Flooring LVT #4**
   A. Contractors are to note that LVT #4 indicates a laying pattern: Lune Large. LVT1 (Gilded Quill) and LVT2 (Basilica Shell) are to be the two LVT's installed in the Lune Large laying pattern – please refer to the attached Diagram included in this addendum.
4. **Requirement for Foliot Furniture Direct Purchase for Toilet Rooms on Project**
   A. Contract #1 is to direct purchase through Foliot Furniture and install casework for the Toilet Rooms as indicated on Sheet A-710, and is specified in Section 06 20 00, Finish Carpentry.
5. **Clarification in regard to Alternates**
   A. Contract #1 is to please reference the reissued 01 23 00, Alternates Specification for updates related to the Plastering Veneer on the project. Based on comments and recommendations from General Contractors at the Pre-Bid Meeting, the Owner is requesting a variation to scope accordingly.

SPECIFICATIONS

6. Specification Section 00 01 10 Table of Contents

A. Revise Division 10, Table of Contents, add Specification Section 10 55 23, Mail Boxes.

7. Specification Section 00 21 00 Instructions to Bidders

A. Contractors are to take note in regard to a clarification to Paragraph 1.17, and the MBE/WBE/VBE Participation requirements for the Godare Hall Renovations Project., as follows, from Michael Morrison, the Director of Procurement, Risk Manager, Vincennes University:

"At the time the RFP was issued, the decision to remove the supplier diversity verbiage from our bidding documents had not yet been finalized. However, due to recent state actions and Executive Order 26-17, the State of Indiana Supplier Diversity Program has been suspended, and the IDOA certification portal is no longer operational.

In light of these changes:

• MBE/WBE Requirements: Vincennes University is suspending the MBE/WBE participation goals and certification requirements for this project. Bidders are not required to submit documentation or meet specific utilization targets for MBE or WBE firms.

• VBE Requirements: As Indiana Veteran Owned Business Enterprise (IVBE) certifications remain unaffected under the Executive Order, VBE participation and active State of Indiana IVBE certifications will still be recognized as outlined in the bidding documents where applicable."

8. Specification Section Bid Form

A. Replace the Bid Form with the updated Bid Form included in this addendum.

9. Specification Section 01 23 00 Alternates

A. Replace the Specification Section 01 23 00, Alternates, with updated Section included in this addendum.

10. Specification Section 06 20 00 Finish Carpentry

A. Replace the Specification Section 06 20 00, Finish Carpentry, with updated Section included in this addendum.

11. Specification Section 09 22 13 Metal Framing and Furring

A. Add new Paragraph 2.5 as follows:

"2.5 Wood Backing Plates

A. Danback Flexible Wood Backing Plates, as manufactured by Clark Dietrich, as basis of design, or approved equal.

1. Material: 3/4-inch CDX Douglas Fir, Fire Retardant treated wood.

2. Size: Per manufacturers standard.

3. Location and Height: Refer to Drawings, if not indicated on drawings, contractor is to provide at all locations where large and irregular blocking is required for attachment of televisions, equipment, mirrors, etc."

12. Specification Section 09 51 00 Acoustical Ceilings

A. Add new Paragraph 2.3.C. as follows:

"C. Metal Trough Profile:

1. Manufacturer: Same as Ceiling Grid System.
2. Extruded Aluminum Trough Face Trim: Where indicated, provide manufacturers six (6) inch Face Plate filler from end of light fixture to ceiling trim angle – refer to reflected ceiling plans for locations.
3. Finish: Baked on finish enamel to match ceiling grid finish."

13. Specification Section 10 55 23 Mail Boxes

A. Add new Specification Section 10 55 23, Mail Boxes, included in this addendum.

14. Specification Section 23 65 00 Cooling Towers

A. Add new Paragraph 2.7,3 to read as follows:

"3. Provide new 3-way modulating valve across cooling tower loop piping, at existing plate & frame heat exchanger."

15. Specification Section 26 50 00 Lighting

A. Specified Lighting Systems, 101 East Carmel Drive, Suite 200, Carmel, IN 46032, 317-577-8100, is hereby approved to bid fixtures "F1", "F2", "L1", "L2", and "L3", as proposed in attachment, for this project. All requirements of the Drawings and Specifications shall be met, including the color selections. Refer to attached approval.

16. Specification Section 28 31 00 Fire Detection and Alarm

A. Revise Paragraph 2.3, D, 5, to read as follows:

"5. To provide power to fire/smoke dampers, Electrical Contractor shall provide for (5) 120V 1-ph circuits, (2) #12 THHN + GND per Floor, complete with transformer, NEMA 1 disconnect & final terminations, for a total of (15) circuits. (1) circuit per wing, and (1) circuit for center core areas. Electrical Contractor shall be responsible for all power & control wiring, including circuitry & terminations to fire/smoke dampers."

B. Add new Paragraph 2.4, G, 3, a, to read as follows:

a. All sleeping room smoke detectors shall have sounder bases. Adjacent bathroom smoke detectors do not require sounder bases.

DRAWINGS

17. Sheet C-101

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

18. Sheet AD101-106 (No Drawings Attached)

A. Revise Plan note 7 to say "Remove Carpet Flooring system and VCT flooring system under carpet in their entirety. Prepare floor for new finishes.

19. Sheet A-101-106 (No Drawings Attached)

A. Add General Note "T – In unit bathrooms and laundry rooms provide epoxy paint on all walls from floor to 3" above floor and install sealant around perimeter of room between bottom of gypsum board and floor prior to installation of finishes."

20. Sheet A-110 (No Drawings Attached)

A. On detail 11/A-110 remove wall beyond.

21. Sheet A-410

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

22. Sheet A-501

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

23. Sheet A-601 & 602 (No Drawings Attached)

A. Revise door schedule note 7 to say, "Alternate: Provide battery powered card reader refer to specifications."

24. Sheet A-610 (No Drawings Attached)

A. Revise Aluminum Storefront Elevation SF4 to have a 4" head. Overall storefront height to remain 9'-0" (Field Verify) and 1'-8" transom to become 1'-6".

25. Sheet A-701

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

1. Casework revision.

26. Sheet A-710

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

1. Added note on vanity elevations.

27. Sheet A-730

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

1. Revised casework elevation 15
2. Revised casework schedule.

28. Sheets A-801 thru A-806 (No Drawings Attached)

A. Add new General Note 'Q' to read as follows: "Q. Contractor is to carry on the Room Finishes from the Sleep Rooms into the adjacent Passage Rooms respectively."

29. Sheet M-505

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

30. Sheets E-202 and E-301

A. Refer to revised, full-size drawings, included in this Addendum, for revisions.

31. Sheets M-202A, M-501A, M-502A, M-503A, M-504A, M-506A

A. Refer to revised, full-size drawings, included in this Addendum, for revisions.

Pages 1 through 4, inclusive, Two (2) Clarification Drawing, Four (4) Specification Sections and Fifteen (15) Full-Size Drawings, constitute the total makeup of **Addendum Three**.

GIBRALTAR DESIGN

Joseph P. Briggs

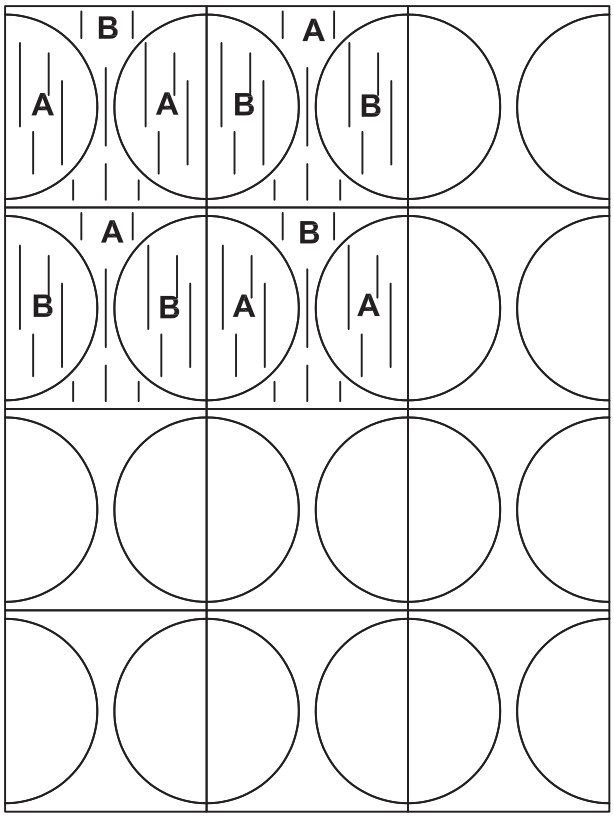
Y:\26-115 VD - Godare Hall Improvements\Specs\AD03\AD03.doc

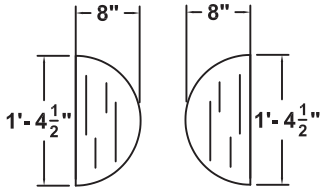
Crafted with Purpose

LVT #4

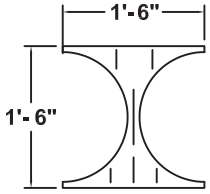
Mannington COMMERCIAL

Amtico Signature Layout
Lune Large
(AR0D8731.2)

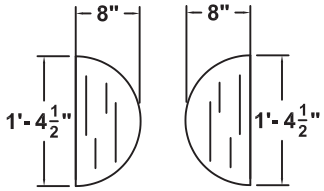




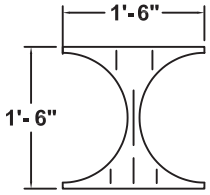
A **8" x 1'- 4 1/2" Tile (Straight Grain)**



A **1'-6" x 1'-6" Tile (Straight Grain)**



B **8" x 1'- 4 1/2" Tile (Straight Grain)**



B **1'-6" x 1'-6" Tile (Straight Grain)**

Edge Treatment

☐ Bevelled

☑ Unbevelled

Color Selections

A GILDED QUILL

B BASILICA SHELL

Order #

Customer Name

The design specified above is a running line Amtico Signature layout. Any change to the sizing or design is considered custom. Custom layouts can be created for any project. Your local Mannington representative can request pricing for customs through the CAD department. For more information, contact your local Mannington Commercial representative or visit manningtoncommercial.com.

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APPROVED
SUBSTITUTION REQUEST
By Erik Heinz at 5:55 pm, Sep 16, 2026

Project: Godare Hall Renovations

Substitution Request Number: 1

Date:

From (Contractor): SPECIFIED LIGHTING SYSTEMS

To: HEINZ and ASSOICATES

A/E Project Number: 71GA-26-01

Re: LIGHTING SUBSTITUTION

Contract For:

Specification Title:

Description:

Section:

Page:

Article/Paragraph:

Proposed Substitution: SEE ATTACHED

Manufacturer:

Address:

Phone:

Trade Name:

Model No.:

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substation as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: DARREN DONOVAN

Signed by:

Firm: SPECIFIED LIGHTING SYSTEMS

Address: 101 E. CARMEL DR, STE 200.
CARMEL IN 46032

Phone: 317-577-8100

A/E's REVIEW AND ACTION

☐ Substitution approved – Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution rejected – Use specified materials.
☐ Substitution Request received too late – Use specified materials.

Signed by:

Date:

Attached supporting data: ☐ Drawings ☒ Product Data ☐ Samples ☐ Tests ☐ Reports ☐

F1

VIA 2 WALL

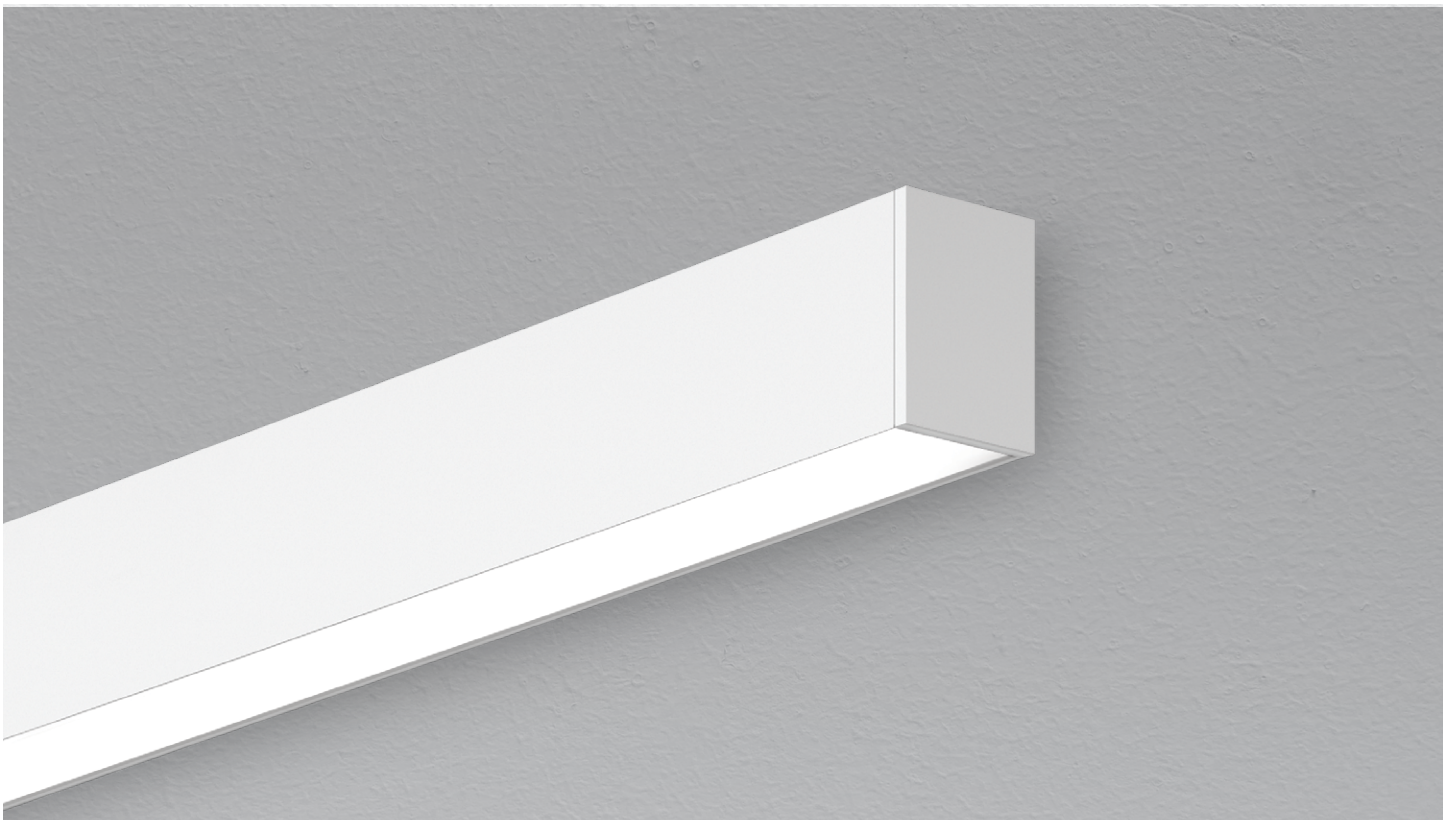
DIRECT/INDIRECT, DIRECT, INDIRECT
STATIC WHITE, BIOS

Lumenwerx

ada compliant

Declare.

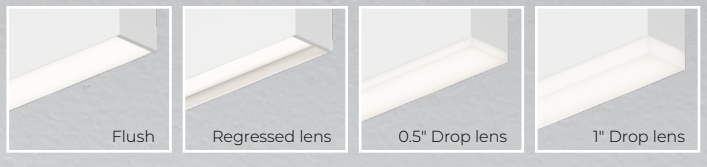
5 YEAR WARRANTY 5



SENSORS
For latest information on sensors, click here.

Our elegant, flexible Via family is composed of linear, pendant, surface, recessed, and wall mounted luminaires. Each lighting fixture can be installed as a discrete luminaire or in continuous runs or patterns. Via 2 Wall is offered with Lambertian, asymmetric, or low-glare optics.

Lens Positions



DIRECT

INDIRECT

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VIA2-WALL-SPEC-REV9 July 8, 2026

bios PoE

VIA 2 WALL

DIRECT/INDIRECT, DIRECT, INDIRECT
STATIC WHITE, BIOS

Lumenwerx

Project: _____

Type: _____

Order Guide

LUMINAIRE ID	DISTRIBUTION	DIRECT OPTIC Specify NA for Indirect fixture	LENS POSITION Specify NA for Indirect fixture	INDIRECT OPTIC Specify NA for Direct fixture	LIGHT SOURCE [5]
VIA2W					
VIA2W - Via 2" Wall	**DI** - Direct/ Indirect **D** - Direct **I** - Indirect	**HLO** - High-Efficiency Lambertian Optic **ARO2** - Asymmetric Refractive Optic **LGO** - Low-Glare Optic **MPO** - Micro-Prismatic Optic **NA** - Not applicable	**FH** [1] - Flush **RG** [1]- Regressed **0.5D** [1] - 0.5" drop **1.0D** [1] - 1.0" drop **NA** [1] - Not applicable [1] • For HLO, specify FH, RG, 0.5D, or 1.0D. • For ARO2, LGO, and MPO, specify FH. • For an Indirect fixture, specify NA.	**TIO** [2] - Translucent Indirect Optic **WAI2** [3] - Widespread Asymmetric Indirect Optic **HLO** [4] - High-Efficiency Lambertian Optic **ARO2** [4] - Asymmetric Refractive Optic **NA** - Not applicable [2] Available only with Direct/Indirect. [3] Not available with BIOS. [4] Not available with Direct/Indirect.	**SW** - Static white **BIOSST** [6,7] - BIOS Biological Static **BIOSDY** [6,7] - BIOS Biological Dynamic **BIOSTU** [6,7] - BIOS Biological Tunable [5] Chromawerx SOLA, DUO, and QUADRO also available. Consult other spec sheets. [6] Only available with low and medium lumen packages. [7] See page 5 for details.

CRI	DIRECT LUMEN PACKAGE Specify NA for Indirect fixture	INDIRECT LUMEN PACKAGE Specify NA for Direct fixture	COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE
80CRI - 80+ CRI **90CRI** [8] - 90+ CRI [8] Not available with BIOS.	**200LMF** [9,10] - Hypo output 200 lm/ft **350LMF** - Low output 350 lm/ft **500LMF** - Medium output 500 lm/ft **750LMF** - High output 750 lm/ft **1000LMF** [11,12] - Ultra high output 1000 lm/ft **1200LMF** [13,14,15] - Hyper output 1200 lm/ft **NA** - Not applicable [9] Minimum 4' fixture. [10] Not available with ELV/TRI driver options. [11] For Direct/Indirect, Indirect must not exceed 750 lm/ft. [12] Not available with LGO. [13] Not available with LGO/MPO. [14] For Direct/Indirect, Indirect must not exceed 500 lm/ft. [15] Fixture will be very bright. Use in suitable applications. [16] For Direct/Indirect, Direct must not exceed 1000 lm/ft.	**200LMF** [9,10] - Hypo output 200 lm/ft **350LMF** - Low output 350 lm/ft **500LMF** - Medium output 500 lm/ft **750LMF** [16] - High output 750 lm/ft **1000LMF** [17] - Ultra high output 1000 lm/ft **1200LMF** [15,18] - Hyper output 1200 lm/ft **NA** - Not applicable [17] For Direct/Indirect, Direct must not exceed 750 lm/ft, 500 lm/ft for LGO. [18] For Direct/Indirect, Direct must not exceed 500 lm/ft.	**27K** [19] - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** [19] - 5000K [19] Not available with BIOS.	**#FT#IN** [20,21] - Specify nominal length (#) in 1' and/or 1" increments **Standard nominal lengths:** Single units: 2' to 12' (up to 8' for MPO) Continuous runs: lengths over 12' (8' for MPO) [20] Minimum 3' for Direct/Indirect. [21] Available in 2' increments only with BIOSTU/BIOSDY.	**120V** - 120V **277V** - 277V **UNV** - 120V-277V **347V** [22] - 347V [22] Available with D1 driver only.

DRIVER [23]	ELECTRICAL	ELECTRICAL SECTIONS (optional) [30,31]	MOUNTING
			DMB
D1 - 1% 0-10V **DA** [24] - DALI **LDE1** [24] - Lutron Hi-lume 1% Eco **ELD1** - eldoLED 1% ECOdrive 0-10V **ELD0** - eldoLED 0.1% SOLOdrive 0-10V **ELV** [25] - ELV 120V **TRI** [25] - TRIAC 120V [23] PoE (Power-over-Ethernet) compatible. Consult factory for details. [24] On-site commissioning is required. [25] Available with 120V only.	**1C** - 1 circuit **2C** [26] - 2 circuits **#MC** [27] - Multi circuit **EC** - Emergency-powered fixture **NL** - Night light fixture **DL** - Daylight fixture **GTD** [28,29] - Generator transfer device fixture [26] Available for Direct/Indirect only. Separate direct and indirect circuits. [27] Specify total number of circuits (#), including any required for electrical section options. Provide drawing or layout specifications. Minimum 4' section per circuit. [28] Minimum 4' fixture. [29] Not available with 347V.	**#EC##** [32] - Emergency-powered section **#NL##** [32] - Night light section **#DL##** [32] - Daylight section **#GTD##** [32,33,34] - Generator transfer device section **#EMB** [34,35] - Emergency battery **NA** - None [30] Specify with multi circuit (#MC) electrical option only. [31] Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'. [32] Specify quantity (#), and section length in inches (##). [33] Minimum 4' section. [34] Not available with 347V. [35] Specify quantity (#). All batteries will be on the same circuit. Each battery powers a 4' section. For Direct/Indirect, minimum 8' fixture.	**DMB** - Drywall mounting bracket

FINISH	CONTROL [36,37,38]	OPTION
W - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	STANDALONE CONTROLS [39,40] Specify the quantity (#) of sensors per fixture. **#ODS** - Onboard Daylight **#OSS50** [41] - Onboard stairwell occupancy with 50% bi-level dimming **NA** - None [36] Standalone and connected control options cannot be combined. [37] Available with flush lens option only. [38] Consult factory for connected controls. Compatible systems include Lutron, Cooper, Acuity, Casambi, and Legrand. [39] Available with D1 driver and 1 circuit options only. [40] Minimum 4' per zone. Provide control zone length. [41] Minimum 4' fixture.	**FU120** - Fuse 120V **FU277** - Fuse 277V **NA** - None

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VIA2-WALL-SPEC-REV9 July 8, 2026

bios PoE

VIA 2 WALL

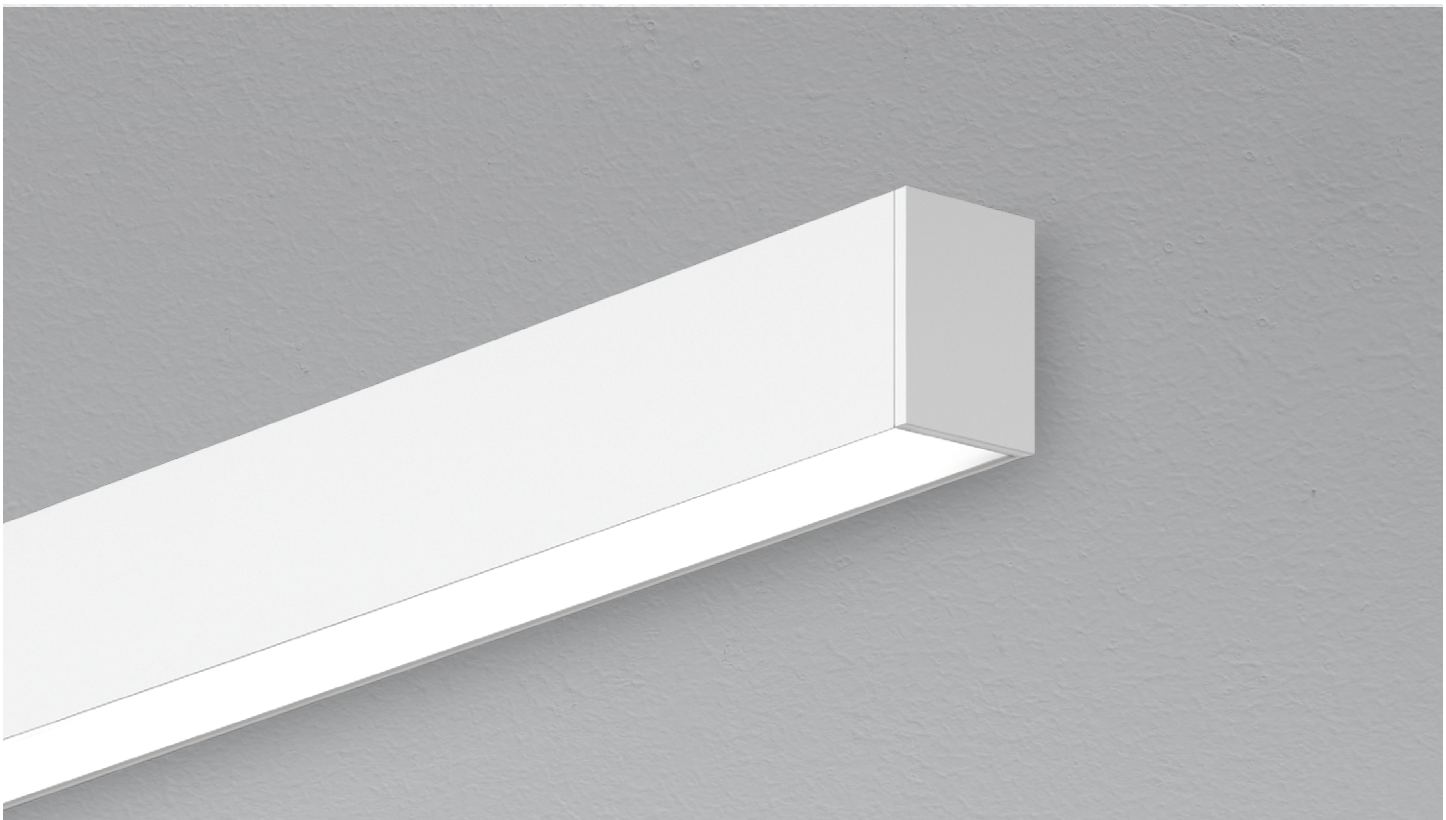
DIRECT/INDIRECT, DIRECT, INDIRECT
STATIC WHITE, BIOS

Lumenwerx

ada compliant

Declare.

5 YEAR WARRANTY 5



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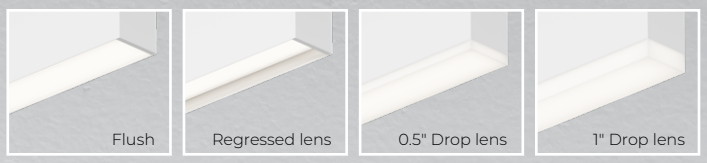
Lens Positions



DIRECT

INDIRECT

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VIA2-WALL-SPEC-REV9 July 8, 2026

bios PoE

VIA 2 WALL

DIRECT/INDIRECT, DIRECT, INDIRECT
STATIC WHITE, BIOS

Lumenwerx

Project: _____

Type: _____

Order Guide

LUMINAIRE ID	DISTRIBUTION	DIRECT OPTIC Specify NA for Indirect fixture	LENS POSITION Specify NA for Indirect fixture	INDIRECT OPTIC Specify NA for Direct fixture	LIGHT SOURCE [5]
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VIA2W - Via 2" Wall	**DI** - Direct/ Indirect **D** - Direct **I** - Indirect	**HLO** - High-Efficiency Lambertian Optic **ARO2** - Asymmetric Refractive Optic **LGO** - Low-Glare Optic **MPO** - Micro-Prismatic Optic **NA** - Not applicable	**FH** [1] - Flush **RG** [1]- Regressed **0.5D** [1] - 0.5" drop **1.0D** [1] - 1.0" drop **NA** [1] - Not applicable [1] • For HLO, specify FH, RG, 0.5D, or 1.0D. • For ARO2, LGO, and MPO, specify FH. • For an Indirect fixture, specify NA.	**TIO** [2] - Translucent Indirect Optic **WAI2** [3] - Widespread Asymmetric Indirect Optic **HLO** [4] - High-Efficiency Lambertian Optic **ARO2** [4] - Asymmetric Refractive Optic **NA** - Not applicable [2] Available only with Direct/Indirect. [3] Not available with BIOS. [4] Not available with Direct/Indirect.	**SW** - Static white **BIOSST** [6,7] - BIOS Biological Static **BIOSDY** [6,7] - BIOS Biological Dynamic **BIOSTU** [6,7] - BIOS Biological Tunable [5] Chromawerx SOLA, DUO, and QUADRO also available. Consult other spec sheets. [6] Only available with low and medium lumen packages. [7] See page 5 for details.

CRI	DIRECT LUMEN PACKAGE Specify NA for Indirect fixture	INDIRECT LUMEN PACKAGE Specify NA for Direct fixture	COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE
80CRI - 80+ CRI **90CRI** [8] - 90+ CRI [8] Not available with BIOS.	**200LMF** [9,10] - Hypo output 200 lm/ft **350LMF** - Low output 350 lm/ft **500LMF** - Medium output 500 lm/ft **750LMF** - High output 750 lm/ft **1000LMF** [11,12] - Ultra high output 1000 lm/ft **1200LMF** [13,14,15] - Hyper output 1200 lm/ft **NA** - Not applicable [9] Minimum 4' fixture. [10] Not available with ELV/TRI driver options. [11] For Direct/Indirect, Indirect must not exceed 750 lm/ft. [12] Not available with LGO. [13] Not available with LGO/MPO. [14] For Direct/Indirect, Indirect must not exceed 500 lm/ft. [15] Fixture will be very bright. Use in suitable applications. [16] For Direct/Indirect, Direct must not exceed 1000 lm/ft.	**200LMF** [9,10] - Hypo output 200 lm/ft **350LMF** - Low output 350 lm/ft **500LMF** - Medium output 500 lm/ft **750LMF** [16] - High output 750 lm/ft **1000LMF** [17] - Ultra high output 1000 lm/ft **1200LMF** [15,18] - Hyper output 1200 lm/ft **NA** - Not applicable [17] For Direct/Indirect, Direct must not exceed 750 lm/ft, 500 lm/ft for LGO. [18] For Direct/Indirect, Direct must not exceed 500 lm/ft.	**27K** [19] - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** [19] - 5000K [19] Not available with BIOS.	**#FT#IN** [20,21] - Specify nominal length (#) in 1' and/or 1" increments **Standard nominal lengths:** Single units: 2' to 12' (up to 8' for MPO) Continuous runs: lengths over 12' (8' for MPO) [20] Minimum 3' for Direct/Indirect. [21] Available in 2' increments only with BIOSTU/BIOSDY.	**120V** - 120V **277V** - 277V **UNV** - 120V-277V **347V** [22] - 347V [22] Available with D1 driver only.

DRIVER [23]	ELECTRICAL	ELECTRICAL SECTIONS (optional) [30,31]	MOUNTING
			DMB
D1 - 1% 0-10V **DA** [24] - DALI **LDE1** [24] - Lutron Hi-lume 1% Eco **ELD1** - eldoLED 1% ECOdrive 0-10V **ELD0** - eldoLED 0.1% SOLOdrive 0-10V **ELV** [25] - ELV 120V **TRI** [25] - TRIAC 120V [23] PoE (Power-over-Ethernet) compatible. Consult factory for details. [24] On-site commissioning is required. [25] Available with 120V only.	**1C** - 1 circuit **2C** [26] - 2 circuits **#MC** [27] - Multi circuit **EC** - Emergency-powered fixture **NL** - Night light fixture **DL** - Daylight fixture **GTD** [28,29] - Generator transfer device fixture [26] Available for Direct/Indirect only. Separate direct and indirect circuits. [27] Specify total number of circuits (#), including any required for electrical section options. Provide drawing or layout specifications. Minimum 4' section per circuit. [28] Minimum 4' fixture. [29] Not available with 347V.	**#EC##** [32] - Emergency-powered section **#NL##** [32] - Night light section **#DL##** [32] - Daylight section **#GTD##** [32,33,34] - Generator transfer device section **#EMB** [34,35] - Emergency battery **NA** - None [30] Specify with multi circuit (#MC) electrical option only. [31] Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'. [32] Specify quantity (#), and section length in inches (##). [33] Minimum 4' section. [34] Not available with 347V. [35] Specify quantity (#). All batteries will be on the same circuit. Each battery powers a 4' section. For Direct/Indirect, minimum 8' fixture.	**DMB** - Drywall mounting bracket

FINISH	CONTROL [36,37,38]	OPTION
W - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	STANDALONE CONTROLS [39,40] Specify the quantity (#) of sensors per fixture. **#ODS** - Onboard Daylight **#OSS50** [41] - Onboard stairwell occupancy with 50% bi-level dimming **NA** - None [36] Standalone and connected control options cannot be combined. [37] Available with flush lens option only. [38] Consult factory for connected controls. Compatible systems include Lutron, Cooper, Acuity, Casambi, and Legrand. [39] Available with D1 driver and 1 circuit options only. [40] Minimum 4' per zone. Provide control zone length. [41] Minimum 4' fixture.	**FU120** - Fuse 120V **FU277** - Fuse 277V **NA** - None

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VIA2-WALL-SPEC-REV9 July 8, 2026

bios PoE

L1

CURVIA 2

PATTERN

PENDANT - RECESSED - SURFACE

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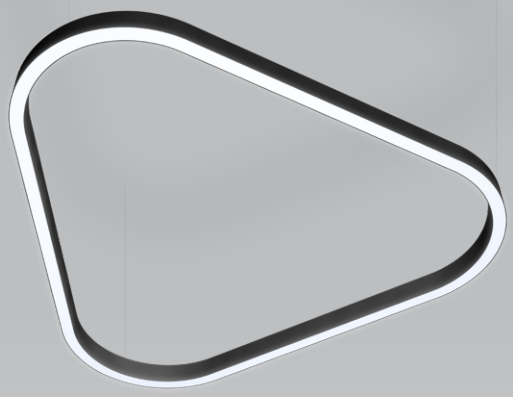
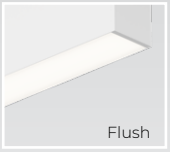
Declare.

5 YEAR WARRANTY 5 5 YEAR WARRANTY



Our extensive Curvia family illuminates with elegant curvilinear shapes and patterns, enhancing spaces with a soft touch and a graceful sense of movement. Available in various mounting options and sizes, Curvia luminaires feature a unique, sophisticated aesthetic that complements their technical prowess in delivering precise, powerful, and comfortable lighting solutions.

Lens Positions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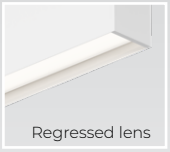
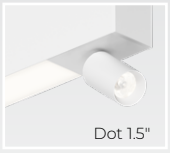

Regressed lens

Module Options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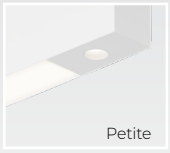
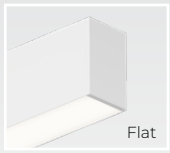
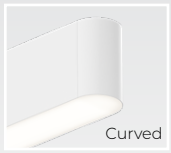

Petite

Petite with glow ring

End Cap


Flat


Curved

SENSORS
For latest information on sensors, click here.

Curvia Additions Brochure

Curvia Family (Refer to other spec sheets)

Curvia Mini	Curvia Slim	Curvia Slim Seal	Curvia Prism	**Curvia**	Curvia XYZ	Curvia Horizon	Curvia Perimeter	Curvia Seal Perimeter	Curvia Seal	Curvia Acoustix
1"	1", 2"	1", 2"	2"	2", 3", 4"	2", 3"	2", 3"	2", 3", 4", 5"	2", 3", 4"	2", 3", 4"	2"
Ring	Ring Shapes Pattern	Ring Shapes Pattern	Ring Shapes Pattern	Ring Shapes **Pattern**	Pattern	Ring Shapes	Pattern	Pattern	Ring Shapes Pattern	Ring Shapes Pattern

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CURVIA2-PATTERN-SPEC-REV8 July 7, 2026

CURVIA 2

PATTERN

PENDANT - RECESSED - SURFACE

Project: _____

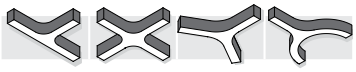
Type: _____

Order Guide

▶ A drawing of your pattern is required - anything from a line drawing to an architectural drawing.

LUMINAIRE ID	DISTRIBUTION	DIRECT OPTIC	LENS POSITION	INDIRECT OPTIC Specify NA for Direct fixture	LIGHT SOURCE [5]	CRI
CURV2PPAT - Curvia 2" Pendant Pattern **CURV2RPAT** - Curvia 2" Recessed Pattern **CURV2SPAT** - Curvia 2" Surface Pattern	**DI** [1] - Direct/ Indirect **D** - Direct [1] Only available for pendant mounting.	**HLO** - High-Efficiency Lambertian Optic **AOO** [2] - Asymmetric Opal Optic **BLA** [3] - Blank [2] Direction of light must be indicated on RCP/lighting plans. [3] Specify when only modules are required.	**FH** - Flush **RG** [4] - Regressed [4] Only available with HLO.	**HLO** - High-Efficiency Lambertian Optic **NA** - Not applicable	**SW** - Static white **FS** - Full spectrum static white **NA** - Not applicable [5] Chromawerx SOLA, DUO, and QUADRO also available. Consult factory.	**80CRI** [6] - 80+ CRI **90CRI** [6] - 90+ CRI **95CRI** [7] - 95+ CRI **NA** - Not applicable [6] Not available with full spectrum. [7] Not available with static white.

DIRECT LUMEN PACKAGE	INDIRECT LUMEN PACKAGE Specify NA for Direct fixture	COLOR TEMP.	TOTAL PATTERN LENGTH	CORNER TYPE [9, 10]
350LMF - Eco low output 350 lm/ft **500LMF** - Low output 500 lm/ft **750LMF** - Medium output 750 lm/ft **1000LMF** [8] - High output 1000 lm/ft **NA** - Not applicable [8] Not available with full spectrum.	**350LMF** - Eco low output 350 lm/ft **500LMF** - Low output 500 lm/ft **750LMF** - Medium output 750 lm/ft **NA** - Not applicable	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K **NA** - Not applicable	**#FT#IN** - Specify total pattern length (#) in 1' and/or 1" increments	**CURVED CORNER** [11, 12] **#LEVC** - Curved leveled corner LEVC **STRAIGHT CORNER** [13] **#LEVS(A##)** - Straight leveled corner LEVS(A##) **NA** - None [9] See page 4 for details. [10] If more than one option is specified, separate codes with a "+", e.g. 2LEVC+1LEVS(A45). [11] Minimum radius is 8". Consult factory for smaller radii. [12] Specify quantity (#), e.g. 2LEVC. [13] Specify quantity (#) and angle (A##), e.g. 2LEVS(A90).

INTERSECTION TYPE [14, 15, 16, 17]	VOLTAGE	DRIVER [20]	ELECTRICAL
CURVED INTERSECTION **#TCI** - Soft T curved intersection **#XCI** - Soft X curved intersection **#YCI** - Soft Y curved intersection **#CCI** - Soft C curved intersection  TCI XCI YCI CCI **STRAIGHT INTERSECTION** **#TSI** - Sharp T straight intersection **#XSI** - Sharp X straight intersection **#YSI** - Sharp Y straight intersection TSI XSI YSI **CU** [18] - Custom **NA** - None [14] See page 4 for details. [15] If more than one option is specified, separate codes with a "+", e.g. 1TCI+2TSI. [16] Specify quantity (#) for each required intersection type. [17] Not available with AOO. [18] Provide a drawing for custom intersections.	**120V** - 120V **277V** - 277V **UNV** - 120V-277V **347V** [19] - 347V [19] Only available with D1 driver. Subject to factory evaluation.	**D1** - 1% 0-10V **ELV** [21] - ELV 120V **TRI** [21] - TRIAC 120V **DA** [22] - DALI **LDE1** [22] - Lutron Hi-Lume 1% Eco **ELD1** - eldoLED 1% ECOdrive 0-10V **ELD0** - eldoLED 0.1% SOLOdrive 0-10V [20] Integral or remote subject to factory evaluation. Code will be updated with prefix "R" if factory determines driver to be remote. [21] Only available with 120V. [22] On-site commissioning is required.	**1C** - 1 circuit **2C** [23] - 2 circuits **#MC** [24] - Multi circuit **EC** - Emergency-powered fixture **NL** - Night light fixture **DL** - Daylight fixture **GTD** [25, 26, 27] - Generator transfer device fixture [23] Only available for Direct/Indirect. Separate direct and indirect circuits. [24] Specify total number of circuits (#), including any required for electrical section options. Provide drawing or layout specifications. Minimum 4' section per circuit for integral drivers. [25] Integral or remote subject to factory evaluation. GTD must be housed with the driver. [26] Not available with 347V. [27] Minimum 18" radius for integral GTD.

ELECTRICAL SECTIONS (optional) [28, 29]	MOUNTING [36]	FINISH	END CAP	OPTIONS [38]	MODULE (optional) [41]
#EC## [30] - Emergency-powered section **#NL##** [30] - Night light section **#DL##** [30] - Daylight section **#GTD##** [30, 31, 32, 33] - Generator transfer device section **#EMB** [31, 32, 34, 35] - Emergency battery **NA** - None [28] Specify with multi circuit (#MC) electrical option only. [29] Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'. [30] Specify quantity (#), and section length in inches (##). [31] Integral or remote subject to factory evaluation. GTD/EMB must be housed with the driver. [32] Not available with 347V. [33] Minimum 18" radius for integral GTD. [34] Specify quantity (#). Each battery powers a 4' linear section. Minimum length of linear section is 5' for Direct and 8' for Direct/Indirect. [35] All batteries will be on the same circuit and power the direct LEDs.	**PENDANT** [37] **ACS** - Aircraft cable, standard **STS** - Stem, standard **ACC( )** - Aircraft cable, custom **STC( )** - Stem, custom **RECESSED** **DTR** - Trim **DMF** - Drywall mud flange **SURFACE** **DRC** - Drywall ceiling [36] The mounting options selected must reflect the luminaire ID. [37] Standard canopies are black for black fixtures, and white for all other finishes. See page 3 for full details on standard and custom options.	**W** - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	**FL** - Flat **CV** - Curved	**FU120** - Fuse 120V **FU277** - Fuse 277V **CTB9** [39] - T-bar caddy clip, 9/16" **CTB15** [39] - T-bar caddy clip, 15/16" **CTG9** [39] - Tegular caddy clip, 9/16" **CTG15** [39] - Tegular caddy clip, 15/16" **CST** [39] - Screw slot caddy clip **FWC** [40] - Flexible whip cable (6' std) **CP** [40] - Chicago Plenum **NA** - None [38] Separate codes with a "+" if more than one is specified. [39] Only available with pendant mounting aircraft cable option. [40] Only available with recessed mounting.	**#DOT1M( )** - Dot 1.5" **#PET1( )** - Petite 1" Downlight **#PET1GLR( )** - Petite 1" Downlight with glow ring **NA** - None [41] • See page 3 for ordering details. • Only available with static white. • Only available with flush lens. • Not available with ELV/TRI driver options. • Not available with EMB.

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CURVIA2-PATTERN-SPEC-REV8 July 7, 2026

CURVIA 2
PATTERN
PENDANT - RECESSED - SURFACE

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Module Code

- For a module, specify the options in the parentheses.
- The light source is static white.
- CRI of module matches specification of main fixture.
- Minimum 4' fixture and minimum 2' section per module. Consult factory for other configurations.

Example: 1DOT1M(4IN-FTMB-SDB-FTMB-20DEG-900LM-27K)

MODULE [1,2]	HEIGHT	CYLINDER FINISH	BAFFLE	BAFFLE FINISH	BEAM ANGLE	LUMEN PACKAGE	COLOR TEMP.
#DOT1M( ) - Dot 1.5" [1] Specify quantity (#). [2] 4" blank per module. Blank finish will match fixture finish.	**4IN** - 4"	**FTMB** - Matte black **FTMW** - Matte white **CF#** - Custom finish, specify RAL #	**SDB** - Standard baffle **DCB** [3] - Decorative baffle [3] Recommended when a different finish is desired for the baffle.	**FTMB** - Matte black **FTMW** - Matte white **CF#** - Custom finish, specify RAL #	**20DEG** - 20° Spot **35DEG** - 35° Narrow flood **50DEG** - 50° Wide flood	**900LM** - 900 lm, 12.2 W **1120LM** - 1120 lm, 15.9 W	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K

Example: 1PET1(6W-35DEG-27K-SDL-FTMB)

MODULE [1,2]	WATTAGE	BEAM ANGLE	COLOR TEMP.	LENS AT BAFFLE	BAFFLE FINISH Specify NA for PET1GLR
#PET1( ) [3] - Petite 1" Downlight **#PET1GLR( )** - Petite 1" Downlight with glow ring [1] Specify quantity (#). [2] 4" blank per module. Blank finish will match fixture finish. [3] Module is trimless.	**6W** - 6 W output, up to 472 lm **10W** [4] - 10 W output, up to 726 lm [4] Not available with Recessed.	**35DEG** - 35° Narrow flood **45DEG** - 45° Flood	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K	**SDL** - Soft diffused lens, solite	**FTMB** - Matte black **FTMW** - Matte white **FSPC** - Satin silver **FSSPC** - Matte silver **FCHP** - Champagne **FDBZ** - Dark bronze **CF#** - Custom finish, specify RAL# **NA** - Not applicable

Pendant Mounting Code

Aircraft Cable

Standard

ACS - Aircraft cable, standard

- Ø 5" for power canopy
- Ø 3" for non-power canopy
- Canopies are black for black fixtures, and white for all other fixture finishes
- Power cord is black for black fixtures, and white for all other fixture finishes
- Aircraft cable length is 36"

Custom

Example: ACC(3NPC-72IN-W-PCB-NA)

ACC( ) - Aircraft cable, custom

NON-POWER CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	POWER CORD COLOR	OPTION
3NPC - Ø 3" non-power canopy **5NPC** - Ø 5" non-power canopy	**36IN** - 36" **72IN** - 72" **120IN** - 120" **#IN** [1] - Other lengths, specify in inches [1] Maximum length is 288". For longer lengths, please consult factory.	**W** - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	**PCW** - White **PCB** - Black	**SEM** [2] - Seismic mounting **SLC** [2] - Sloped ceiling for aircraft cable **NA** - None [2] Not available with the Ø 3" non-power canopy size.

Stem

Standard

STS - Stem, standard

- Ø 5" for power canopy
- Ø 5" for non-power canopy
- Canopies are black for black fixtures, and white for all other fixture finishes
- Stem finish is the same color as fixture
- Stem length is 18"
- Stem is not field adjustable

Custom

Example: STC(5NPC-36IN-W-STW-SLS)

STC( ) - Stem, custom

NON-POWER CANOPY SIZE	STEM LENGTH	CANOPY FINISH	STEM COLOR	OPTION
5NPC - Ø 5" non-power canopy	**18IN** - 18" **36IN** - 36" **#IN** [3] - Specify length in inches [3] Minimum length is 6". Maximum length is 72". Stem is not field adjustable.	**W** - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	**STW** - Matte white **STAL** - Aluminum **STB** - Matte black **STCF#** - Custom finish, specify RAL#	**SLS** - Sloped ceiling for stem **NA** - None

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L2

CURVIA 2

PATTERN

PENDANT - RECESSED - SURFACE

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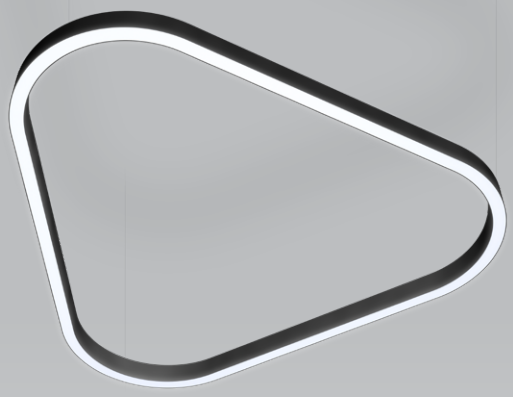
Declare.

5 YEAR WARRANTY 5 YEAR WARRANTY



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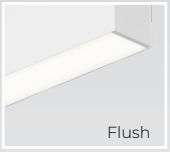
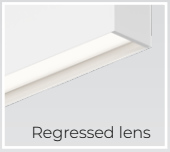
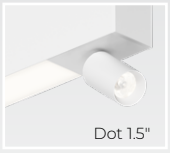

Flush


Regressed lens

Module Options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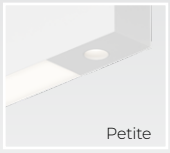
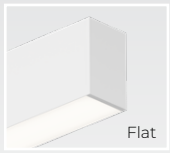
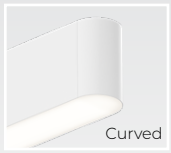

Petite

Petite with glow ring

End Cap


Flat


Curved

SENSORS
For latest information on sensors, click here.

Curvia Additions Brochure

Curvia Family (Refer to other spec sheets)

Curvia Mini	Curvia Slim	Curvia Slim Seal	Curvia Prism	**Curvia**	Curvia XYZ	Curvia Horizon	Curvia Perimeter	Curvia Seal Perimeter	Curvia Seal	Curvia Acoustix
1"	1", 2"	1", 2"	2"	2", 3", 4"	2", 3"	2", 3"	2", 3", 4", 5"	2", 3", 4"	2", 3", 4"	2"
Ring	Ring Shapes Pattern	Ring Shapes Pattern	Ring Shapes Pattern	Ring Shapes **Pattern**	Pattern	Ring Shapes	Pattern	Pattern	Ring Shapes Pattern	Ring Shapes Pattern

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CURVIA2-PATTERN-SPEC-REV8 July 7, 2026

CURVIA 2

PATTERN

PENDANT - RECESSED - SURFACE

Project: _____

Type: _____

Order Guide

▶ A drawing of your pattern is required - anything from a line drawing to an architectural drawing.

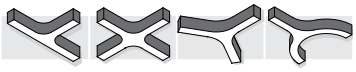
LUMINAIRE ID	DISTRIBUTION	DIRECT OPTIC	LENS POSITION	INDIRECT OPTIC Specify NA for Direct fixture	LIGHT SOURCE [5]	CRI
CURV2PPAT - Curvia 2" Pendant Pattern **CURV2RPAT** - Curvia 2" Recessed Pattern **CURV2SPAT** - Curvia 2" Surface Pattern	**DI** [1] - Direct/ Indirect **D** - Direct [1] Only available for pendant mounting.	**HLO** - High-Efficiency Lambertian Optic **AOO** [2] - Asymmetric Opal Optic **BLA** [3] - Blank [2] Direction of light must be indicated on RCP/lighting plans. [3] Specify when only modules are required.	**FH** - Flush **RG** [4] - Regressed [4] Only available with HLO.	**HLO** - High-Efficiency Lambertian Optic **NA** - Not applicable	**SW** - Static white **FS** - Full spectrum static white **NA** - Not applicable [5] Chromawerx SOLA, DUO, and QUADRO also available. Consult factory.	**80CRI** [6] - 80+ CRI **90CRI** [6] - 90+ CRI **95CRI** [7] - 95+ CRI **NA** - Not applicable [6] Not available with full spectrum. [7] Not available with static white.

DIRECT LUMEN PACKAGE	INDIRECT LUMEN PACKAGE Specify NA for Direct fixture	COLOR TEMP.	TOTAL PATTERN LENGTH	CORNER TYPE [9, 10]
350LMF - Eco low output 350 lm/ft **500LMF** - Low output 500 lm/ft **750LMF** - Medium output 750 lm/ft **1000LMF** [8] - High output 1000 lm/ft **NA** - Not applicable [8] Not available with full spectrum.	**350LMF** - Eco low output 350 lm/ft **500LMF** - Low output 500 lm/ft **750LMF** - Medium output 750 lm/ft **NA** - Not applicable	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K **NA** - Not applicable	**#FT#IN** - Specify total pattern length (#) in 1' and/or 1" increments	**CURVED CORNER** [11, 12] ☐ **#LEVC** - Curved leveled corner LEVC **STRAIGHT CORNER** [13] ☐ **#LEVS(A##)** - Straight leveled corner LEVS(A##) **NA** - None [9] See page 4 for details. [10] If more than one option is specified, separate codes with a "+", e.g. 2LEVC+1LEVS(A45). [11] Minimum radius is 8". Consult factory for smaller radii. [12] Specify quantity (#), e.g. 2LEVC. [13] Specify quantity (#) and angle (A##), e.g. 2LEVS(A90).

INTERSECTION TYPE [14, 15, 16, 17]	VOLTAGE	DRIVER [20]	ELECTRICAL

CURVED INTERSECTION

- ☐ **#TCI** - Soft T curved intersection
- ☐ **#XCI** - Soft X curved intersection
- ☐ **#YCI** - Soft Y curved intersection
- ☐ **#CCI** - Soft C curved intersection



TCI XCI YCI CCI

STRAIGHT INTERSECTION

- ☐ **#TSI** - Sharp T straight intersection
- ☐ **#XSI** - Sharp X straight intersection
- ☐ **#YSI** - Sharp Y straight intersection

TSI XSI YSI

CU [18] - Custom
NA - None

[14] See page 4 for details.
[15] If more than one option is specified, separate codes with a "+", e.g. 1TCI+2TSI.
[16] Specify quantity (#) for each required intersection type.
[17] Not available with AOO.
[18] Provide a drawing for custom intersections.

120V - 120V
277V - 277V
UNV - 120V-277V
347V [19] - 347V

[19] Only available with D1 driver. Subject to factory evaluation.

D1 - 1% 0-10V
ELV [21] - ELV 120V
TRI [21] - TRIAC 120V
DA [22] - DALI
LDE1 [22] - Lutron Hi-Lume 1% Eco
ELD1 - eldoLED 1% ECOdrive 0-10V
ELD0 - eldoLED 0.1% SOLOdrive 0-10V

[20] Integral or remote subject to factory evaluation. Code will be updated with prefix "R" if factory determines driver to be remote.
[21] Only available with 120V.
[22] On-site commissioning is required.

1C - 1 circuit
2C [23] - 2 circuits
#MC [24] - Multi circuit
EC - Emergency-powered fixture
NL - Night light fixture
DL - Daylight fixture
GTD [25, 26, 27] - Generator transfer device fixture

[23] Only available for Direct/Indirect. Separate direct and indirect circuits.
[24] Specify total number of circuits (#), including any required for electrical section options. Provide drawing or layout specifications. Minimum 4' section per circuit for integral drivers.
[25] Integral or remote subject to factory evaluation. GTD must be housed with the driver.
[26] Not available with 347V.
[27] Minimum 18" radius for integral GTD.

ELECTRICAL SECTIONS (optional) [28, 29]	MOUNTING [36]	FINISH	END CAP	OPTIONS [38]	MODULE (optional) [41]

#EC## [30] - Emergency-powered section
#NL## [30] - Night light section
#DL## [30] - Daylight section
#GTD## [30, 31, 32, 33] - Generator transfer device section
#EMB [31, 32, 34, 35] - Emergency battery
NA - None

[28] Specify with multi circuit (#MC) electrical option only.
[29] Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'.
[30] Specify quantity (#), and section length in inches (##).
[31] Integral or remote subject to factory evaluation. GTD/EMB must be housed with the driver.
[32] Not available with 347V.
[33] Minimum 18" radius for integral GTD.
[34] Specify quantity (#). Each battery powers a 4' linear section. Minimum length of linear section is 5' for Direct and 8' for Direct/Indirect.
[35] All batteries will be on the same circuit and power the direct LEDs.

PENDANT [37]	RECESSED	SURFACE
ACS - Aircraft cable, standard **STS** - Stem, standard **ACC( )** - Aircraft cable, custom **STC( )** - Stem, custom	**DTR** - Trim **DMF** - Drywall mud flange	**DRC** - Drywall ceiling

[36] The mounting options selected must reflect the luminaire ID.
[37] Standard canopies are black for black fixtures, and white for all other finishes. See page 3 for full details on standard and custom options.

W - Matte white
AL - Aluminum
B - Matte black
CF# - Custom finish, specify RAL#

FL - Flat
CV - Curved

FU120 - Fuse 120V
FU277 - Fuse 277V
CTB9 [39] - T-bar caddy clip, 9/16"
CTB15 [39] - T-bar caddy clip, 15/16"
CTG9 [39] - Tegular caddy clip, 9/16"
CTG15 [39] - Tegular caddy clip, 15/16"
CST [39] - Screw slot caddy clip
FWC [40] - Flexible whip cable (6' std)
CP [40] - Chicago Plenum
NA - None

[38] Separate codes with a "+" if more than one is specified.
[39] Only available with pendant mounting aircraft cable option.
[40] Only available with recessed mounting.

#DOT1M( ) - Dot 1.5"
#PET1( ) - Petite 1" Downlight
#PET1GLR( ) - Petite 1" Downlight with glow ring
NA - None

[41]
- See page 3 for ordering details.
- Only available with static white.
- Only available with flush lens.
- Not available with ELV/TRI driver options.
- Not available with EMB.

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PENDANT - RECESSED - SURFACE

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Module Code

- For a module, specify the options in the parentheses.
- The light source is static white.
- CRI of module matches specification of main fixture.
- Minimum 4' fixture and minimum 2' section per module. Consult factory for other configurations.

Example: 1DOT1M(4IN-FTMB-SDB-FTMB-20DEG-900LM-27K)

MODULE [1,2]	HEIGHT	CYLINDER FINISH	BAFFLE	BAFFLE FINISH	BEAM ANGLE	LUMEN PACKAGE	COLOR TEMP.
#DOT1M( ) - Dot 1.5" [1] Specify quantity (#). [2] 4" blank per module. Blank finish will match fixture finish.	**4IN** - 4"	**FTMB** - Matte black **FTMW** - Matte white **CF#** - Custom finish, specify RAL #	**SDB** - Standard baffle **DCB** [3] - Decorative baffle [3] Recommended when a different finish is desired for the baffle.	**FTMB** - Matte black **FTMW** - Matte white **CF#** - Custom finish, specify RAL #	**20DEG** - 20° Spot **35DEG** - 35° Narrow flood **50DEG** - 50° Wide flood	**900LM** - 900 lm, 12.2 W **1120LM** - 1120 lm, 15.9 W	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K

Example: 1PET1(6W-35DEG-27K-SDL-FTMB)

MODULE [1,2]	WATTAGE	BEAM ANGLE	COLOR TEMP.	LENS AT BAFFLE	BAFFLE FINISH Specify NA for PET1GLR
#PET1( ) [3] - Petite 1" Downlight **#PET1GLR( )** - Petite 1" Downlight with glow ring [1] Specify quantity (#). [2] 4" blank per module. Blank finish will match fixture finish. [3] Module is trimless.	**6W** - 6 W output, up to 472 lm **10W** [4] - 10 W output, up to 726 lm [4] Not available with Recessed.	**35DEG** - 35° Narrow flood **45DEG** - 45° Flood	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K	**SDL** - Soft diffused lens, solite	**FTMB** - Matte black **FTMW** - Matte white **FSPC** - Satin silver **FSSPC** - Matte silver **FCHP** - Champagne **FDBZ** - Dark bronze **CF#** - Custom finish, specify RAL# **NA** - Not applicable

Pendant Mounting Code

Aircraft Cable

Standard

ACS - Aircraft cable, standard

- Ø 5" for power canopy
- Ø 3" for non-power canopy
- Canopies are black for black fixtures, and white for all other fixture finishes
- Power cord is black for black fixtures, and white for all other fixture finishes
- Aircraft cable length is 36"

Custom

Example: ACC(3NPC-72IN-W-PCB-NA)

ACC( ) - Aircraft cable, custom

NON-POWER CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	POWER CORD COLOR	OPTION
3NPC - Ø 3" non-power canopy **5NPC** - Ø 5" non-power canopy	**36IN** - 36" **72IN** - 72" **120IN** - 120" **#IN** [1] - Other lengths, specify in inches [1] Maximum length is 288". For longer lengths, please consult factory.	**W** - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	**PCW** - White **PCB** - Black	**SEM** [2] - Seismic mounting **SLC** [2] - Sloped ceiling for aircraft cable **NA** - None [2] Not available with the Ø 3" non-power canopy size.

Stem

Standard

STS - Stem, standard

- Ø 5" for power canopy
- Ø 5" for non-power canopy
- Canopies are black for black fixtures, and white for all other fixture finishes
- Stem finish is the same color as fixture
- Stem length is 18"
- Stem is not field adjustable

Custom

Example: STC(5NPC-36IN-W-STW-SLS)

STC( ) - Stem, custom

NON-POWER CANOPY SIZE	STEM LENGTH	CANOPY FINISH	STEM COLOR	OPTION
5NPC - Ø 5" non-power canopy	**18IN** - 18" **36IN** - 36" **#IN** [3] - Specify length in inches [3] Minimum length is 6". Maximum length is 72". Stem is not field adjustable.	**W** - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	**STW** - Matte white **STAL** - Aluminum **STB** - Matte black **STCF#** - Custom finish, specify RAL#	**SLS** - Sloped ceiling for stem **NA** - None

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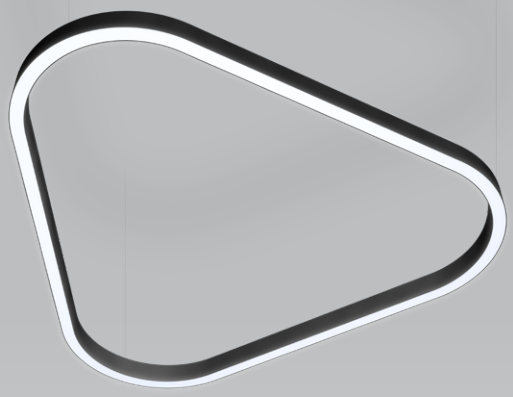
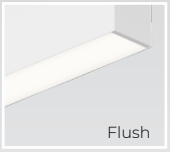
Declare.

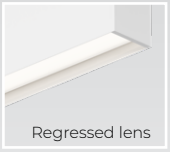
5 YEAR WARRANTY 5 YEAR WARRANTY



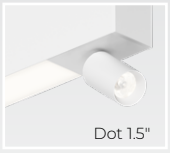
Our extensive Curvia family illuminates with elegant curvilinear shapes and patterns, enhancing spaces with a soft touch and a graceful sense of movement. Available in various mounting options and sizes, Curvia luminaires feature a unique, sophisticated aesthetic that complements their technical prowess in delivering precise, powerful, and comfortable lighting solutions.

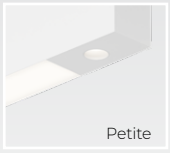
Lens Positions


Flush


Regressed lens

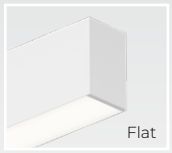
Module Options

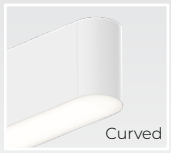

Dot 1.5"


Petite

Petite with glow ring

End Cap


Flat


Curved

SENSORS
For latest information on sensors, click here.

Curvia Additions Brochure

Curvia Family (Refer to other spec sheets)

Curvia Mini	Curvia Slim	Curvia Slim Seal	Curvia Prism	**Curvia**	Curvia XYZ	Curvia Horizon	Curvia Perimeter	Curvia Seal Perimeter	Curvia Seal	Curvia Acoustix
1"	1", 2"	1", 2"	2"	2", 3", 4"	2", 3"	2", 3"	2", 3", 4", 5"	2", 3", 4"	2", 3", 4"	2"
Ring	Ring Shapes Pattern	Ring Shapes Pattern	Ring Shapes Pattern	Ring Shapes **Pattern**	Pattern	Ring Shapes	Pattern	Pattern	Ring Shapes Pattern	Ring Shapes Pattern

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DIRECT LUMEN PACKAGE	INDIRECT LUMEN PACKAGE Specify NA for Direct fixture	COLOR TEMP.	TOTAL PATTERN LENGTH	CORNER TYPE [9, 10]
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INTERSECTION TYPE [14, 15, 16, 17]	VOLTAGE	DRIVER [20]	ELECTRICAL

CURVED INTERSECTION

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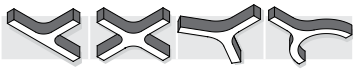

TCI XCI YCI CCI

STRAIGHT INTERSECTION

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- ☐ **#XSI** - Sharp X straight intersection
- ☐ **#YSI** - Sharp Y straight intersection

TSI XSI YSI

CU [18] - Custom
NA - None

[14] See page 4 for details.
[15] If more than one option is specified, separate codes with a "+", e.g. 1TCI+2TSI.
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ELECTRICAL SECTIONS (optional) [28, 29]	MOUNTING [36]	FINISH	END CAP	OPTIONS [38]	MODULE (optional) [41]

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PENDANT [37]	RECESSED	SURFACE
ACS - Aircraft cable, standard **STS** - Stem, standard **ACC( )** - Aircraft cable, custom **STC( )** - Stem, custom	**DTR** - Trim **DMF** - Drywall mud flange	**DRC** - Drywall ceiling

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- Only available with static white.
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Module Code

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- The light source is static white.
- CRI of module matches specification of main fixture.
- Minimum 4' fixture and minimum 2' section per module. Consult factory for other configurations.

Example: 1DOT1M(4IN-FTMB-SDB-FTMB-20DEG-900LM-27K)

MODULE [1,2]	HEIGHT	CYLINDER FINISH	BAFFLE	BAFFLE FINISH	BEAM ANGLE	LUMEN PACKAGE	COLOR TEMP.
#DOT1M( ) - Dot 1.5" [1] Specify quantity (#). [2] 4" blank per module. Blank finish will match fixture finish.	**4IN** - 4"	**FTMB** - Matte black **FTMW** - Matte white **CF#** - Custom finish, specify RAL #	**SDB** - Standard baffle **DCB** [3] - Decorative baffle [3] Recommended when a different finish is desired for the baffle.	**FTMB** - Matte black **FTMW** - Matte white **CF#** - Custom finish, specify RAL #	**20DEG** - 20° Spot **35DEG** - 35° Narrow flood **50DEG** - 50° Wide flood	**900LM** - 900 lm, 12.2 W **1120LM** - 1120 lm, 15.9 W	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K

Example: 1PET1(6W-35DEG-27K-SDL-FTMB)

MODULE [1,2]	WATTAGE	BEAM ANGLE	COLOR TEMP.	LENS AT BAFFLE	BAFFLE FINISH Specify NA for PET1GLR
#PET1( ) [3] - Petite 1" Downlight **#PET1GLR( )** - Petite 1" Downlight with glow ring [1] Specify quantity (#). [2] 4" blank per module. Blank finish will match fixture finish. [3] Module is trimless.	**6W** - 6 W output, up to 472 lm **10W** [4] - 10 W output, up to 726 lm [4] Not available with Recessed.	**35DEG** - 35° Narrow flood **45DEG** - 45° Flood	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K	**SDL** - Soft diffused lens, solite	**FTMB** - Matte black **FTMW** - Matte white **FSPC** - Satin silver **FSSPC** - Matte silver **FCHP** - Champagne **FDBZ** - Dark bronze **CF#** - Custom finish, specify RAL# **NA** - Not applicable

Pendant Mounting Code

Aircraft Cable

Standard

ACS - Aircraft cable, standard

- Ø 5" for power canopy
- Ø 3" for non-power canopy
- Canopies are black for black fixtures, and white for all other fixture finishes
- Power cord is black for black fixtures, and white for all other fixture finishes
- Aircraft cable length is 36"

Custom

Example: ACC(3NPC-72IN-W-PCB-NA)

ACC( ) - Aircraft cable, custom

NON-POWER CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	POWER CORD COLOR	OPTION
3NPC - Ø 3" non-power canopy **5NPC** - Ø 5" non-power canopy	**36IN** - 36" **72IN** - 72" **120IN** - 120" **#IN** [1] - Other lengths, specify in inches [1] Maximum length is 288". For longer lengths, please consult factory.	**W** - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	**PCW** - White **PCB** - Black	**SEM** [2] - Seismic mounting **SLC** [2] - Sloped ceiling for aircraft cable **NA** - None [2] Not available with the Ø 3" non-power canopy size.

Stem

Standard

STS - Stem, standard

- Ø 5" for power canopy
- Ø 5" for non-power canopy
- Canopies are black for black fixtures, and white for all other fixture finishes
- Stem finish is the same color as fixture
- Stem length is 18"
- Stem is not field adjustable

Custom

Example: STC(5NPC-36IN-W-STW-SLS)

STC( ) - Stem, custom

NON-POWER CANOPY SIZE	STEM LENGTH	CANOPY FINISH	STEM COLOR	OPTION
5NPC - Ø 5" non-power canopy	**18IN** - 18" **36IN** - 36" **#IN** [3] - Specify length in inches [3] Minimum length is 6". Maximum length is 72". Stem is not field adjustable.	**W** - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	**STW** - Matte white **STAL** - Aluminum **STB** - Matte black **STCF#** - Custom finish, specify RAL#	**SLS** - Sloped ceiling for stem **NA** - None

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Intertek

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CURVIA2-PATTERN-SPEC-REV8 July 7, 2026

Form No. 96 (Revised 2013)

Bid Of

_____
(Contractor Name)

_____
(Address)

For
Public Works Projects Of

Godare Hall Renovations

for
Vincennes University
Vincennes, Indiana

Filed: _____ 2026

Action Taken: _____

_____

Form No. 96 (Revised 2013)

Contractors Bid for Public Works
Part 1

(To be completed for all bids) (Please type or print)

Date: _____

1. Owner's Name: Vincennes University, Vincennes, Indiana
2. County: _____
3. Bidder: (Firm): _____
   Address: _____
   City/State: _____
4. Telephone Number: _____
5. Facsimile Number: _____
6. Agent of Bidder:(If applicable) _____
7. Project Number: 26-115
8. Acknowledgment of Addenda: _____
   (Addenda Number(s))

Pursuant to notices given, the undersigned offers to furnish labor and material necessary to complete the construction work for the public works project, **Godare Hall Renovations,** in accordance with plans and specifications prepared by Gibraltar Design, Inc. and dated August 26, 2026 for the sum of:

BASE BID – CONTRACT 1: GENERAL & SITE CONSTRUCTION

_____ _____
(Words) (Numerals)

BASE BID – CONTRACT 2: MECHANICAL CONSTRUCTION

_____ _____
(Words) (Numerals)

BASE BID – CONTRACT 3: ELECTRICAL CONSTRUCTION

_____ _____
(Words) (Numerals)

ALTERNATE BIDS

Refer to Section 01 23 00 – Alternates for descriptions. Enter Alternate Number and Contract Number for each Alternate Bid. Indicate net addition to or deduction from the Base Bid on following page.

Contract Number(s)	Alternate Number	Amount (Words)	Amount (Numerals)
1	1A		
1	1B		
1	2A		
1	2B		
1	3		
2 & 3	4		
1, 2, & 3	5		
3	6		
1 & 3	7		
1	8		
1	9		

UNIT PRICES
Refer to Section 01 22 00 – Unit Prices for descriptions. Enter the appropriate unit price for number and description.

UNIT PRICES		
Number	**Description**	**Unit Price**
1	Condensate Pump	

The Undersigned further agrees to furnish a bond or certified check with this bid for an amount specified in the notice of the letting. If alternative bids apply, the undersigned submits a proposal for each in accordance with the notice. Any addendums attached will be specifically referenced at the applicable page.

Contractor's Voluntary Alternate(s):	
Description	Amount

If additional units of materials included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the Owner. If the bid is to be awarded on a unit basis, the itemization of the units shall be shown on a separate attachment.

The Contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

Certificate Of Use Of United States Steel Products

(If applicable)

I, the Undersigned bidder or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States, I.C. 5-16-8-2. I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel products on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

Non-Collusion Affidavit

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such contract.

Oath And Affirmation

I affirm under the penalties of perjury that the foregoing facts and information are true and correct to the best of my knowledge and belief.

Dated at _____ this _____ day of _____, 2026

Attest: _____
(Name of Organization)

By: _____ By: _____
Secretary President

Acknowledgment

State of _____ **)**
)SS:
County of _____ **)**

_____ being duly sworn, deposes and says that he is

_____ of the above _____
(Title) (Name of Organization)

and that the statements contained in the foregoing bid, certification and affidavit are true and correct.

Subscribed and sworn to before me this ____ day of _____, 2026.

_____
Notary Public

My Commission Expires: _____

County of Residence: _____

Acceptance

The above bid is accepted this _____ day of _____, 2026, subject to the following conditions: _____

_____

Contracting Authority Members:

_____ _____

_____ _____

_____ _____

Part II

(Complete Sections I, II, III and IV for all state and local public works projects as required by statutes if project is one hundred thousand dollars ($100,000) or more. IC 36-1-12-4).

1. Owner's Name: Vincennes University, Vincennes, Indiana.
2. Bidder (Firm): _____
3. Date: _____

These statements to be submitted under oath by each bidder with and as a part of his bid. Attach additional pages for each section as needed.

Section I Experience Questionnaire

1. What public works projects has your organization completed for a period of one (1) year prior to date of the current bid?

Contract Amount	Class of Work	When Completed	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	When to be Completed	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you? _ If so, where and why?

_____

_____

_____

_____

4. List references from private firms for which you have performed work.

_____

_____

_____

_____

Section II Plan And Equipment Questionnaire

1. Explain your plan or layout for performing proposed work. (Examples could include a narrative of when you could begin work, complete the project, number of workers, etc. and any other information which you believe would enable the Owner to consider your bid.)

2. If you intend to sublet any portion of the work, state the name and address of each subcontractor, equipment to be used by the subcontractor, and whether you expect to require a bond. However, if you are unable to currently provide a listing, please understand, a listing must be provided prior to contract approval.

3. What equipment do you have available to use for the proposed project? Any equipment to be used by subcontractors may also be required to be listed by the Owner.

4. Have you entered into contracts or received offers for all materials which substantiate within prices used in preparing your proposal? Otherwise, please explain the rationale used which would corroborate the prices listed.

Section III Contractor's Financial Statement

Attachment of bidders' financial statement is mandatory. Any bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the contract must be specific enough in detail so that said governing body can make a proper determination of the bidders' capability for completing the project if awarded.

Section IV Oath And Affirmation

I hereby affirm under the penalties of perjury that the facts and information contained in the foregoing bid for public works are true and correct to the best of my knowledge and belief.

Dated at _____ this _____ day of _____, 2026

Attest: _____
(Name of Organization)

By: _____ By: _____
Secretary President

Acknowledgment

State of _____ **)**
)SS:
County of _____ **)**

_____ being duly sworn, deposes and says that he is

_____ of the above _____
(Title) (Name of Organization)

and that the answers to the questions in the foregoing questionnaires and all statements therein contained are true and correct.

Subscribed and sworn to before me this _____ day of _____, 2026.

_____
Notary Public

My Commission Expires: _____

County of Residence: _____

SECTION 01 23 00
ALTERNATES

1 General

1.1 Summary

A. This Section includes administrative and procedural requirements for Alternates.

1.2 Definitions

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

B. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

C. Alternate 5 shall not be considered an ADD or DEDUCT price. It shall, however, be a separate price for the entire system. The intent is that Owner can make an equal comparison decision between Base Bid & Alternate 5 mechanical & associated electrical systems.

1.3 Procedures

A. Coordination:

1. Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

2. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.

C. Execute accepted alternates under the same conditions as other work of the Contract.

D. Indicate cost of each Alternate on the Bid Form. If no cost change, indicate N/C on the Bid Form. If left blank, it shall indicate that Contractor shall perform the Work at no cost to Owner.

E. Schedule: A Schedule of Alternates is included at the end of this Section.

2 Products

Not Used.

3 Execution

3.1 Schedule of Alternates

A. **Alternate 1A: Contract 1:** Cement Plaster Veneer coating on walls in Corridors, Recreation Room, and Lounges where specifically indicated as alternate, includes wall preparation per specifications. Scope includes new wall coating paint finish over the new plaster veneer wall finish.

Base Bid: Wall coating paint over the existing concrete masonry units.

B. **Alternate 1B: Contract 1:** Contractor is to install/laminate 1/4-inch gypsum board on walls in Corridors, Recreation Room, and Lounges where specifically indicated as Cement Plaster alternate above. Scope is to include sufficeint wall preparation for adhering the gypsum board and metal trim to the masonry wall. Scope includes new wall coating paint finish over the new gypsum board wall finish. Note that the gypsum board is to abut the Room entry Wall Protection Surrounds with an J-Trim, and for all other door jamb conditions, Contractor is to utilize "Z Reveal" Fry Reglet as indicated in Detail 18/A501.

Base Bid: Wall coating paint over the existing concrete masonry units.

C. **Alternate 2A: Contract 1:** Cement Plaster Veneer coating on Interior corridor side of Sleeping Room walls. Scope includes wall coating paint finish over the plaster wall finish.

Base Bid: Wall coating paint over the existing concrete masonry units.

D. **Alternate 2B: Contract 1:** Contractor is to install/laminate 1/4-inch gypsum board on interior corridor side of sleeping Room walls. Scope is to include sufficeint wall preparation for adhering the gypsum board and metal trim to the masonry wall. Scope includes new wall coating paint finish over the new gypsum board wall finish. Note the Contractor is to utilize "Z Reveal" Fry Reglet as indicated in Detail 18/A501 at door frame.

Base Bid: Wall coating paint over the existing concrete masonry units.

E. **Alternate 3: Contract 1:** For the four Wings Stairs, all floors, Stairs S102, S103, S104, and S105. Provide the following scope: Remove existing flooring on landings and stairs, provide new floor finishes on same and paint the walls, ceilings, and stair railings.

Base Bid: No new work.

F. **Alternate 4: Contracts 2 and 3:** Replace Existing Fluid Cooler with New Cooling Tower.

Demolish/remove existing fluid cooler, water spray piping, and all associated electricals & temperature controls. Maintain existing condenser supply & return piping and concrete pad. Provide new cooling tower, electricals & temperature controls, as specified, tying into existing condenser supply & return piping.

Base Bid:

Maintain existing fluid cooler, water spray piping, all associated electricals, condenser supply & return piping, and concrete pad. Replace existing temperature controls.

G. **Alternate 5: Contracts 1, 2, and 3:** Replace Existing Heat Pump System with new 4-Pipe Hydronic System. Construct new Screen Wall.

Demolish/remove existing fluid cooler, all associated piping, electricals & temperature controls. Demolish/remove all in-building heat pump units, ductwork, & piping, pumps, electricals & temperature controls, etc. Maintain existing concrete pad. Provide new water-source fan coil units, DOAS units, ductwork, piping, pumps, electricals & temperature controls, etc. Provide for new apartment water-source fan coil units. Provide for new exhaust fans & ductwork, ductless split systems, hydronic pre-heat coils, electric cabinet heater, electricals & temperature controls, etc. Construct new masonry screen wall, double gate, & foundations in exterior mechanical yard.

Contract 1 to include additional Project Allowance if Alternate 5 is incorporated into the Project, Provide an Allowance in the amount for Brick Screen Wall, based on $2,000 per 1000 brick units sufficient to include in order to complete the wall.

Base Bid:

Maintain existing fluid cooler, all associated piping, electricals & temperature controls. Maintain existing fluid cooler concrete pad. Maintain all in-building heat pump units, ductwork, piping, pumps, electricals, etc. Replace existing temperature controls. Provide for new apartment water-source heat pump units. Provide for new exhaust fans & ductwork, ductless split systems, hydronic pre-heat coils, electric cabinet heater, electricals & temperature controls, etc.

H. **Alternate 6: Contract 3**: Replace existing site lighting pole fixtures with new pole fixtures. Maintain concrete base in place and tie new fixture into existing circuit.

Base Bid: Existing site lighting pole fixtures shall remain in place.

I. **Alternate 7: Contract 1 and 3:** For the door hardware to each Dorm Room, in lieu of the Specified Door Entry Lock Specified, Contract #1 is to provide and install Schlage LEBSIMD Lock with Deadbolt and above-ceiling wireless controllers. Contract #3 is to provide and install CAT-rated cabling to above-ceiling wireless controllers, complete with testing, terminations, & labeling.

Base Bid: Contractor is to provide and install Schlage L9473 Dorm Lock with Deadbolt.

J. **Alternate 8: Contract 1:** Removal of existing sealant and backer rod and installation of new backer rod and sealant at all masonry control joints and windows on the building elevations – refer to drawings.

Base Bid: No new backer rod and sealant on control joints or exterior of windows.

K. **Alternate 9: Contract 1:** In lieu of the Base Bid Cement Plaster Veneer scope of work indicated in the Project Documents, the Contractor is to install/laminate 1/4-inch gypsum board on walls in Corridors, Recreation Room, and Lounges. Scope is to include sufficeint wall preparation for adhering the gypsum board and metal trim where needed to the masonry wall. Scope includes wall preparation for the wall fabric indicated in the documents. Note that the Contractor is to utilize "Z Reveal" Fry Reglet as indicated in Detail 18/A501 at door conditions.

Base Bid: Originally specified Cement Plaster wall finish and paint Wall Coating.

END OF SECTION

SECTION 06 20 00
FINISH CARPENTRY

1 General

1.1 Section Includes

A. Finish carpentry.

B. Millwork.

C. Foliot Furniture.

D. Refer to Schedule located at the end of this Section.

1.2 Products Installed But Not Furnished Under This Section

A. Section 05 50 00 - Miscellaneous Metals

1.3 Related Sections

A. Section 05 50 00 - Miscellaneous Metals

B. Section 06 10 00 – Rough Carpentry: Rough carpentry.

C. Section 07 21 16 - Batt and Blanket Insulation: Insulation in walls.

D. Section 08 81 00 - Glass and Glazing: Glazing for millwork, etc.

E. Section 09 91 00 - Painting: Site finishing of finish carpentry

F. Section 22 40 00 - Plumbing Fixtures: Lavatories contained in vanities.

1.4 References

A. ASTM D2898 - Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing.

B. ASTM E84 - Surface Burning Characteristics of Building Materials.

C. AWI - Quality Standards of Architectural Woodwork Institute.

D. AWPA C2 - Pressure treatment for lumber and timber above ground, soil and water.

E. AWPA C9 - Plywood - Preservative Treatment by Pressure Process.

F. AWPA C31 - Plywood - Preservative Treatment by Pressure Process.

G. PS 1 - Construction and Industrial Plywood.

H. PS 20 - American Softwood Lumber Standard.

I. PS 51 - Hardwood and Decorative Plywood.

1.5 System Description

A. General Requirements: Provide all cutting, jobbing, furring, grounds, blocking, finishing, and setting; provide all forms, struts, millwork items, moldings, various items of equipment, trim, etc., necessary to fully complete the work.

1. Provide all miscellaneous millwork such as wood bricks, temporary scaffolding, bracing, etc., including all guards as required to protect all finished work, all transportation, derricks, tools, and utensils.

2. Provide all miscellaneous trim, casings, moldings, etc., to complete installations throughout the project.

3. Include all nails, screws, rough hardware, timbers, bolts, rods, hangers, and anchor irons that are necessary.

1.6 Quality Assurance

A. When applicable, fabricate millwork and site made finish carpentry items in accordance with recommendations of Quality Standards of Architectural Woodwork Institute (AWI).

1.7 Submittals

A. Submit shop drawings under provisions of Division 1.

B. Indicate anchoring, moldings, joining, and type of materials.

C. Submit samples under provisions of Division 1 of standard colors and patterns of plastic laminate for Architect selection.

1.8 Delivery, Storage, And Handling

A. Do not deliver shop fabricated carpentry items until site conditions are adequate to receive the work.

1. Protect items from weather while in transit.

B. Store shop fabricated carpentry items indoors, in ventilated areas with a constant, minimum temperature of 60 degrees F, maximum relative humidity of 25 to 55 percent.

C. Do not bring interior finish into the building until the building is completely enclosed.

D. Store lumber stacked off the ground in such a manner as to ensure proper drainage, ventilation, and protection from the weather.

2 Products

2.1 Rough Carpentry Materials

A. Rough Carpentry Items: As specified in Section 06 10 00 – Rough Carpentry.

2.2 Finish Carpentry And Millwork Materials

A. General:

1. Season and kiln dry materials for finish work and millwork.
2. Scrape, sand, and remove plane marks from trim and casings.
3. Use woodwork free from raised grain.
4. Maximum moisture content of 12 percent for material 1 inch or less in thickness, and not exceeding 14 percent for material over 1 inch thickness.
5. Maximum moisture content of 12 percent for millwork, which is assembled or built up of more than one piece at the mill, except doors.

B. Softwood Lumber: PS 20; custom grade in accordance with the requirements of AWI.

1. Wood Screen Gate at Trash Enclosure: Cedar. Provide wood gates of size and type as indicated in drawings.

C. Hardwood Lumber: Clear select, plain sliced white oak, custom grade in accordance with AWI.

1. Caps and trim: White Oak.

D. Softwood Plywood: PS 1; APA A-C EXT graded in accordance with APA; core material of veneer; for opaque finish.

1. Communications equipment board; economy grade; opaque finish.

E. Douglas Fir Plywood: Graded in accordance with AWI; core material of veneer; custom grade for plastic laminate finish..

1. Counters.

F. Hardwood Plywood: PS 51; graded in accordance with AWI; core material of veneer; type of bond recommended for application; plain sliced red oak, Grade 1.

G. Wood Particleboard: Minimum 45 pounds density; composed of wood flakes, with high waterproof resin binders; of grade to suit application; sanded faces.

H. Hardboard: Pressed wood fiber with resin binder, tempered grade.

I. Plastic Laminate: Grade 10-HGS; minimum 0.050 inch thick; color and finish shall be as selected by the Architect, manufactured in conformance with the standards of NEMA.

J. Plastic Laminate Backing: Grade 92-BGS; paper base laminate without a decorative finish; manufactured in conformance with the standards of NEMA.

K. Cork for Display Walls, Tackable Walls, and Display Cases: Class B Cork Faced Acoustical Wall Panels as manufactured by Homasote Company, West Trenton, New Jersey; 1/2 inch thick.

L. Adhesive: For shop fabricated work, use adhesive of type recommended by millwork manufacturer to suit application.

M. Nails: Size and type to suit application.

1. Use stainless steel nails in conjunction with pressure treated wood.

N. Bolts, Nuts, Washers, Lags, Pins, and Screws: Size, type, and finish to suit application.

1. Use stainless steel fasteners in conjunction with pressure treated wood.

2.3 Millwork Hardware

A. Provide the following millwork hardware as approved by the Architect.

1. Hinges:

a. Heavy duty, five knuckle 2-1/2 inch institutional type hinge.

1) Mill ground, hospital tip, tight pin feature with all edges eased.

2) Hinge full wrap around type of tempered steel 0.093 inch thick.

3) Provide each hinge with a minimum of seven #8 screws , 5/8 inch FHSM to assure positive door action and alignment.

4) Provide one pair per door to 48 inch height.

5) Provide one and one-half pair per door over 48 inches in height.

6) Provide hinge to accommodate 13/16 inch thick laminated door allowing 270 degree swing.

b. Finish: Satin chrome.

2. Pulls:

a. Satin Chrome 4 inch projecting type.

3. Drawer Glides:

a. Standard Drawers: With positive in-stop.

1) Nylon bearing rollers, both front and rear.

2) Minimum 100 pounds load rating.

b. Shallow Drawers: Grant # 328, full extension.

c. File Drawers: Grant #329, full extension.

d. File Drawer Followers: Knape & Vogt #476 follower and track assembly.

4. Catches:

a. Roller catch for base and wall cabinets, minimum 5 pounds pull.

b. Roller catch for tall cabinets.

1) Two per door, minimum 5 pounds pull per catch.

5. Adjustable Shelf Clips:

a. Heavy duty shelf support clip with positive locking pin for back two supports on all adjustable shelves.

1) Molded of natural nylon.

6. Shelf and Rod Bracket: 10 Gauge Painted steel construction. Knape & Vogt #1198 Series.

a. Depth: 12-inch.

b. Rod Size: Include 1 1/4 – inch rod paint color to match bracket.

c. Color: To be selected by Architect.

7. Locks: Dead bolt or cam bolt type as required by cabinet construction, six pin tumbler cylinder lock, each room keyed separately and master keyed.

a. Basis-of-Design Product: Olympus No. 100DR and 200DW.

b. Finish: Dull chrome (BHMA 626).

c. Provide two keys for each room and five overall masterkeys.

8. Plastic Grommets: Plastic, of appropriate size, as manufactured by Doug Mockett and Company, Manhattan Beach, California, or approved equal.

a. Color: White.

2.4 Wood Preservative Treated Lumber And Plywood

A. Preservative Treatment by Pressure Process: AWPA C2 and C9(, except that materials which are not in contact with the ground and are continuously protected from liquid water may be treated according to AWPA C31 with inorganic boron (SBX).

1. Preservative Chemicals: Acceptable to authorities having jurisdiction and containing no arsenic or chromium.

2. For exposed items indicated to receive a stained or natural finish, use chemical formulations that do not require incising, contain colorants, bleed through, or otherwise adversely affect finishes.

B. Dry lumber after treatment to a maximum moisture content of 19 percent.

C. Dry plywood after treatment to a maximum moisture content of 18 percent.

D. Do not use material that is warped or does not comply with requirements for untreated material.

E. Mark material with treatment quality mark of an inspection agency approved by the ALSC Board of Review.

F. Application: Treat items indicated on Drawings, and the following:

1. Wood cants, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.

2. Wood blocking, furring, stripping, and similar concealed members in contact with masonry or concrete.

3. Wood framing and furring attached directly to the interior of below-grade exterior masonry or concrete walls.

2.5 Fabrication

A. Fabricate millwork and finish carpentry items in accordance with recommendations of AWI, custom grade, and to extent shown and detailed on Drawings.

1. Direction and Matching of Wood Grain on Individual Cabinet: Continuous vertical figure across doors of individual cabinet; drawer fronts may be horizontal or vertical figure without sequence (not required from cabinet to cabinet).

a. Do not use molded plastic drawer parts.

B. Use exposed fastening devices or nails only when unavoidable.

C. Ease edges of all exposed millwork.

2.6 Preparation Of Finish Carpentry Items And Millwork For Finishing

A. Sand work smooth and set exposed nails and screws.

1. Apply wood filler in exposed nail and screw indentations and leave ready to receive site applied finishes.

2. On items to receive transparent finishes, use wood filler which matches surrounding surfaces and of types recommended for applied finishes.

B. Preservative treat surfaces in contact with cementitious materials.

C. Provide cutouts for plumbing fixtures, inserts, appliances, outlet boxes, and other fixtures.

1. Verify locations of cutouts from site dimensions.

2. Seal contact surfaces of cutouts.

2.7 Foliot Furniture

A. Contractor is to procure and install restroom casework furniture as part of the project from Foliot Funiture Pacific, Inc., refer to Schedule at the end of this Section.

1. Manufacturer: Foliot Furniture Pacific, Inc., 7000 Placid Street, Las Vegas, Nevada, 89119. Phone: 1.800.545.5575.

3 Execution

3.1 Preparation

A. Verify items provided by other Sections are properly sized and located.

B. Beginning of installation means acceptance of existing surfaces.

3.2 Installation Of Finish Carpentry Items And Millwork

A. Exterior Finish: Erect in strict conformity with the details shown on Drawings, and as approved.

1. Construct built up items, in addition to nailing where necessary or specified, with glued joints.

2. Machine sand exposed surfaces of finished woodwork ready to receive paint or other finish.

3. Use blind nailing where possible, and where face nailing is used, set face nails for putty stopping.

a. House into each other and bolt members, meeting at right angles, with concealed bolts.

B. Interior Finish: Furnish machine sanded finish material and hand sand on the job as required.

1. Detail trim with kerfed and splined mitered corners.

2. Nail trim to finish and rough jambs and grounds.

3. Set trim straight, plumb, or level in alignment, and fit closely, make tight joints to conceal shrinkage.

4. Secure trim with fine finishing nails and glue.

a. Use screws where required by the Construction Manager.

C. Millwork:

1. Set and secure millwork and finish carpentry items in place rigid, plumb, and square.

2. Use purpose designed fixture attachments for mounted components.

3. Use threaded steel concealed joint fasteners to align and secure adjoining units.

4. When necessary to cut and fit on site, make material with ample allowance for cutting.

    a. Provide trim for scribing and site cutting.

5. Permanently fix units to floor using appropriate angles and anchorages.

6. Carefully scribe millwork to adjacent building materials, leaving gaps of 1/32 inch maximum.

7. Install and adjust millwork hardware to correct operation.

8. Ensure that mechanical and electrical items affecting this Section of work are properly placed, complete, and have been approved by the Construction Manager prior to commencement of installation.

3.3 Schedule

A. Provide and install items listed in Schedule and shown on Drawings.

1. This Schedule is a list of principal items only.

2. Refer to drawings for items not specifically mentioned.

B. Finish Carpentry Items:

1. Finish Wood Trim:

    a. Framed openings in walls: Provide wood blocking, plywood backing and finished wood trim as detailed.

    b. Wood Base where indicated, provide wood blocking/plywood backing as required.

    c. Where indicatd/shown on Drawings.

    d. Finish: Refer to Finish Legend.

C. Millwork:

1. Plastic Laminate Counter.

2. Solid Surface Counter-tops, refer to Section 06 61 16.

D. Exercise Bar: Provide and install Swedish Gymnastic Ladder, Model 222B as manufactured by Bench-k. To include mounting brackets for stud wall construction, wooden rungs, dip bar stations with armrests and back support, and pull-up bar unit.

1. Color: Black Matte finish on Steel components. Natural wood finish on wood rungs.

2. Location: Fitness #267.

E. Foliot Furniture:

1. Plastic Laminate Vanity with Solid Surface Top

2. Coordinate each of the following units with Sheet A-710, Foliot Product Designation DGNVN-201M Vanity.

a. Elevation #20 (Foliot Refernce No. 136456 - #470).
Size: 66-inches wide x 21-inches deep x 34-inches high.
Includes Quartz Top with sink (to be selected by Owner).
Door and Drawer Handles to be selected from Manufacturers standard.
Includes Drawers and Fixed Shelf on one side
Includes Doors and Adjustable Shelf on one side.
Units: Zero (0) Right Hand and Five (5) Left Hand.

b. Elevation #21 (Foliot Refernce No. 136456 - #640).
Size: 46-inches wide x 21-inches deep x 34-inches high.
Includes Quartz Top with sink (to be selected by Owner).
Door and Drawer Handles to be selected from Manufacturers standard.
Includes Knee space for ADA
Includes Door, Drawer and Adjustable Shelf on one side.
Units: Six (6) Right Hand and Six (6) Left Hand.

c. Elevation #22 (Foliot Refernce No. 136456 - #310).
Size: 60-inches wide x 21-inches deep x 34-inches high.
Includes Quartz Top with sink (to be selected by Owner).
Door and Drawer Handles to be selected from Manufacturers standard.
Includes Drawers and Fixed Shelf on one side
Includes Doors and Adjustable Shelf on one side.
Units: Six (6) Right Hand and Six (6) Left Hand.

d. Elevation #23 (Foliot Refernce No. 136456 - #160).
Size: 36-inches wide x 21-inches deep x 34-inches high.
Includes Quartz Top with sink (to be selected by Owner).
Includes Towel Holder, to be selected.
Door and Drawer Handles to be selected from Manufacturers standard.
Includes Drawers and Fixed Shelf on one side
Includes Doors and Adjustable Shelf on one side.
Units: Fifty-Four (54).

e. Elevation #24 (Foliot Refernce No. 136456 - #160).
Size: 36-inches wide x 21-inches deep x 34-inches high.
Includes Quartz Top with sink (to be selected by Owner).
Includes Towel Holder, to be selected.
Door and Drawer Handles to be selected from Manufacturers standard.
Includes Drawers and Fixed Shelf on one side
Includes Doors and Adjustable Shelf on one side.
Units: Fifty-Four (54).

f. Elevation #25 (Foliot Refernce No. 136456 - #790).
Size: 66-inches wide x 21-inches deep x 34-inches high.
Includes Quartz Top with sink (to be selected by Owner).
Includes Towel Holder, to be selected.
Door and Drawer Handles to be selected from Manufacturers standard.
Includes Drawers and Fixed Shelf on one side
Includes Doors and Adjustable Shelf on one side.
Units: Two (2) Right Hand and Two (2) Left Hand.

END OF SECTION

SECTION 10 55 23
MAIL BOXES

1 General

1.1 Summary

A. Section Includes mailbox unit with hinged doors.

1.2 Submittals

A. Submit shop drawings and product data under provisions of Division 01.

B. Product Data: For type of mailbox unit indicated, including finishes.

C. Shop Drawings: Include plan, elevations, dimensions, materials, finishes, hardware, accessories, and numbering system

1.3 Quality Assurance

A. Installer Qualifications: An authorized representative of mailbox manufacturer for installation of units required for this Project.

B. Regulatory Requirements: Conform to United States Postal Service (USPS) Standard 4C - Standards Governing the Design of Wall-Mounted Centralized Mail Receptacles.

1.4 Project Conditions

A. Coordination: Coordinate layout and installation of recessed or semirecessed mailbox units with wall construction.

B. Templates: Obtain and distribute templates for installation.

1.5 Warranty

A. Warranty in Accordance with requirements of Division 01.

2 Products

2.1 Acceptable Manufacturers

A. Auth-Florence Manufacturing Company.

B. Bommer Industries, Inc.

C. Salsbury Industries.

2.2 Materials

A. Aluminum:

1. Extrusions: ASTM B221, 6063-T5 or T6 alloy and temper.

2. Sheet: ASTM B209, alloy suitable for forming and finishing indicated.

B. Steel Sheet: ASTM A591, Class B electrogalvanized.

2.3 Mailboxes

A. Rack-Ladder Mailboxes: Consisting of multiple compartments enclosed within recessed wall box and installed between rack ladders. Provide rear-loading access to compartments for distributing mail. Provide student access to each compartment from front by swinging compartment door open.

1. Basis-of-Design Product: Salsbury Industries: 2200 Series.

2. Compartments: As indicated on Drawings, of sizes not less than 5-1/2 inches high by 3-1/2 inches wide by 15 inches deep. Provide 264 total compartments in rows and columns shown on the drawing. Provide specialty type box pattern in Two (2) Sections of grid as shown on drawings.

3. Compartment Doors: Fabricated from extruded aluminum with finish indicated. Equip each compartment door with lock, incoming mail slot, and concealed, full-length, flush bottom hinge.

   a. Door Locks: Spring-latch type lock housing designed to accommodate cylinders keyed to owner's building keying system as specified in Division 8 Section "Door Hardware" – Coordinate and provide one key per mail box – keyed as required by the University.

4. Back Panels: Fabricated from steel sheet.

5. Rack Ladders: Aluminum or steel.

6. Snap-on-Trim: Fabricated from same material and finish as compartment doors.

7. Door and Compartment Identification: Self-Adhesive Numbers.

8. Aluminum Finish: Clear anodic finish for exposed surfaces.

2.4 Accessories

A. Provide accessories fabricated by same manufacturer as mailboxes.

2.5 Fabrication

A. Preassemble postal specialties in shop to greatest extend possible to minimize field assembly. Form postal specialties to required shapes and sizes, with true lines and angles, square, rigid, and without warp, with metal faces flat and free of dents or distortion. Make exposed metal edges and corners free of sharp edges and burrs, and safe to touch.

B. Mill joints to a tight, hairline fit and cope or miter corner joints.

C. Drill or punch holes required for fasteners and remove burrs. Use security fasteners where fasteners are exposed. If used, seal external rivets before finishing.

D. Comply with AWES for recommended practices in shop welding. Provide welds behind finished surfaces without distorting or discoloring exposed side. Clean exposed welded joints of flux, and dress exposed and contact surfaces.

E. Fabricate doors of postal specialties to preclude binding, warping, or misalignment.

F. Where dissimilar metals will contact each other, protect against galvanic action by painting contact surfaces with bituminous coating or by other permanent separation as recommended by manufacturers of dissimilar metals.

2.6 Finishes

A. Aluminum Finish: Class II, clear anodic finish.

B. Steel: Manufacturer's standard prime coat and baked enamel finish coat.

3 Execution

3.1 Examination

A. Examine substrates, areas, and conditions for compliance with requirements for installation tolerances, roughing-in openings, clearances, and other conditions affecting performance of work.

B. Examine walls for suitable conditions where recessed and semirecessed units will be installed.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 Installation

A. General: Install postal specialties level and plumb, according to manufacturer's written instructions and roughing-in drawings.

1. Metal Protection: Where aluminum will contact concrete, masonry, wood, or dissimilar metals, protect against galvanic action by painting contact surfaces with bituminous coating or by other permanent separation as recommended by manufacturers of dissimilar metals.

2. Cylinder Core Installation: Coordinate with the Owner's requirements.

B. Rack-Ladder Mailboxes: Provide two rack ladders for first column of data distribution boxes and one rack ladder for each additional adjacent column of data distribution boxes. Install mailboxes with center of door lock cylinder as indicated on Drawings but not more than 72 inches above finished floor and bottom of lowest compartment not less than 12 inches above finished floor.

3.3 Adjusting, Cleaning, and Protection

A. Remove temporary protective coverings and strippable films, if any, as postal specialties are installed, unless otherwise indicated in manufacturer's written installation instructions.

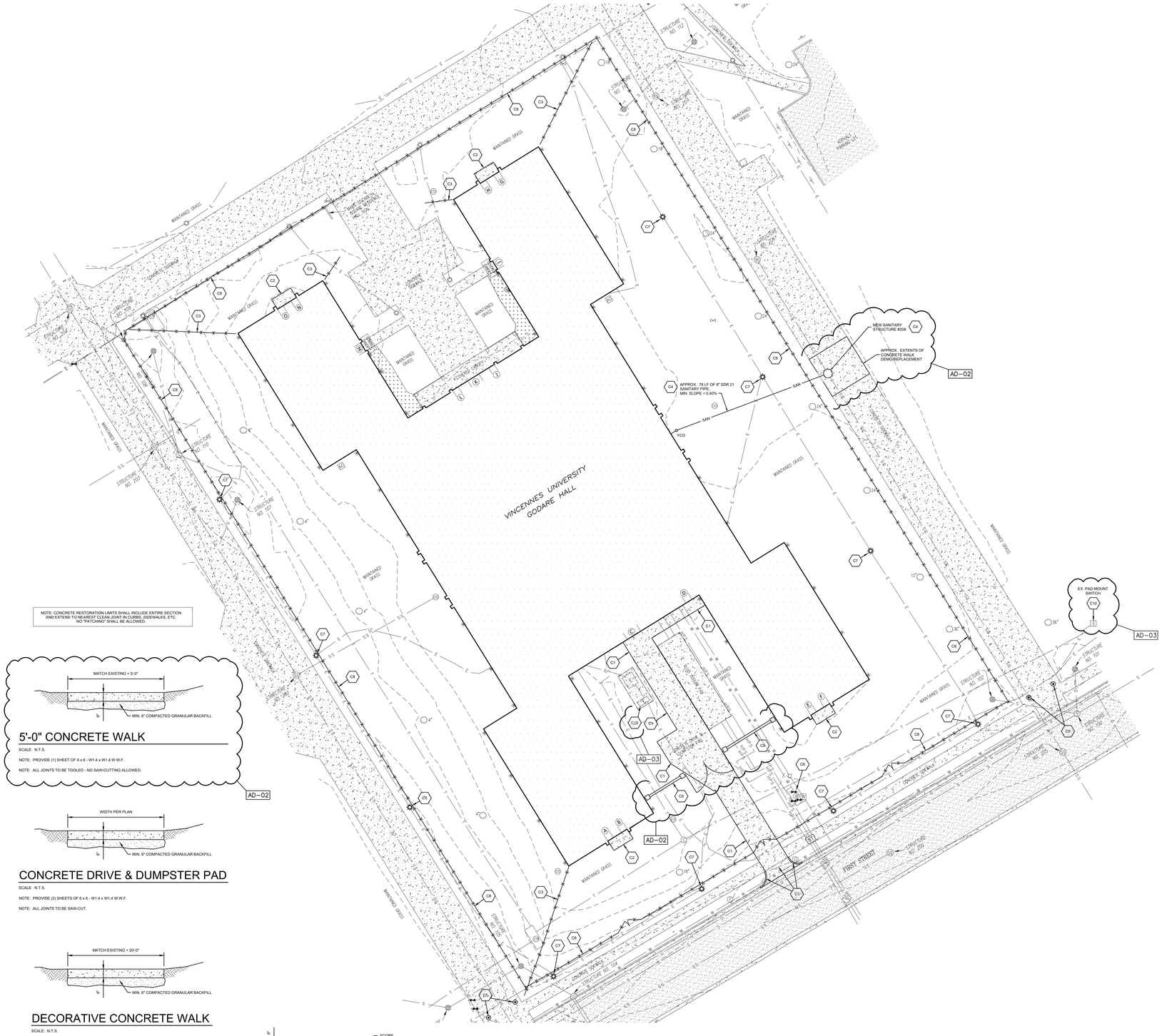
B. Adjust doors to operate easily without binding. Verify that integral locking devices operate properly.

C. On completion of postal specialty installation, clean interior and exterior surfaces as recommended by manufacturer.

D. Touch up marred finishes, or replace postal specialties that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by postal specialty manufacturer.

E. Replace postal specialties that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION



SITE PLAN

SCALE: 1" = 20'-0"

GENERAL SITE NOTES

G1 SITE & UTILITY CONTRACTORS SHALL FIELD VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO CONSTRUCTION.

G2 CONCRETE WALK JOINT LAYOUT SHALL BE FIELD DETERMINED, IN CONJUNCTION WITH ENGINEER.

AD-02

KEYED SITE NOTES

C1 SITE CONTRACTOR SHALL DEMOLISH/REMOVE, THEN RE-POUR NEW CONCRETE DRIVE, DUMPSTER PAD, STREET ENTRY CURBS, AND SUBSTRATE. SITE CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS DETAILED, COMPLETE WITH STONE SUBSTRATE, REINFORCEMENT, & JOINT INSTALLATION. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL SURFACE RESTORATION. REFER TO "CONCRETE WALK & DUMPSTER PAD" DETAIL FOR FURTHER DETAIL REGARDING CONCRETE REPLACEMENT. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

C2 SITE CONTRACTOR SHALL DEMOLISH/REMOVE, THEN RE-POUR NEW DOOR ENTRY VOID SLABS & SUBSTRATE. SITE CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS DETAILED, COMPLETE WITH STONE SUBSTRATE, REINFORCEMENT, & JOINT INSTALLATION. REFER TO ARCHITECTURAL/STRUCTURAL DWGS FOR FURTHER DETAIL. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL SURFACE RESTORATION. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

C3 SITE CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING FENCE & FOUNDATIONS, AS SHOWN. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL SURFACE RESTORATION. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

C4 SITE CONTRACTOR SHALL PROVIDE FOR 8" SDR 21 PVC PIPING, WITH NEW MANHOLE STRUCTURE, AS SHOWN. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR YARD CLEANOUT INSTALLATION. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SAW-CUTTING, EXCAVATION, INSTALLATION, BACKFILLING/COMPACTION, AND FINAL SURFACE RESTORATION. REFER TO "CONCRETE WALK & DUMPSTER PAD" DETAIL FOR FURTHER DETAIL REGARDING CONCRETE REPLACEMENT ASSOCIATED WITH NEW MANHOLE STRUCTURE. COORDINATE INSTALLATION WITH ALL TRADES, UTILITIES, & OWNER.

AD-02

C5 SITE CONTRACTOR SHALL PROVIDE & INSTALL YELLOW PLASTIC PIPE BOLLARD COVER OVER EXISTING PIPE BOLLARD - TYP OF 4 BOLLARDS. COORDINATE INSTALLATION WITH ALL TRADES, UTILITIES, & OWNER.

C6 SITE CONTRACTOR SHALL PREP & PAINT EXISTING WATER P.I.V. VALVE. COORDINATE INSTALLATION WITH ALL TRADES, UTILITIES, & OWNER.

ALT. #8

C7 ELECTRICAL CONTRACTOR SHALL DISCONNECT/REMOVE EXISTING SITE LIGHTING POLE FIXTURE, THEN PROVIDE & INSTALL NEW POLE FIXTURE - "X" FIXTURE - AS SHOWN. ELECTRICAL CONTRACTOR SHALL MOUNT NEW POLE FIXTURE TO EXISTING CONCRETE BASE, USING NEW EPOXY-TYPE ANCHOR BOLTS, AND TIE IN EXISTING WIRING TO NEW POLE FIXTURE. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

C8 SITE CONTRACTOR SHALL PROVIDE FOR 6'-0" CHAIN LINK FENCE, FULL-PERIMETER, WITH (3) DOUBLE GATES, AS SHOWN. POST CONCRETE FOUNDATIONS NOT REQUIRED. SITE CONTRACTOR SHALL INSTALL, MAINTAIN, THEN REMOVE FENCE AT CONCLUSION OF PROJECT, WITH FINAL SURFACE RESTORATION, AS NECESSARY. SITE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE EXISTING CONCRETE WALK & CURB AT EACH DOUBLE GATE LOCATION. REFER TO "5'-0" CONCRETE WALK" DETAIL FOR FURTHER DETAIL REGARDING CONCRETE REPLACEMENT. COORDINATE INSTALLATION WITH ALL TRADES, UTILITIES, & OWNER.

AD-02

ALT. #5

C9 GENERAL CONTRACTOR SHALL PROVIDE FOR NEW MASONRY SCREEN WALL, 20'-0" DOUBLE GATE, & FOUNDATIONS, AS SHOWN. REFER TO ARCHITECTURAL/STRUCTURAL DWGS FOR FURTHER DETAIL. COORDINATE INSTALLATION WITH ALL TRADES, UTILITIES, & OWNER.

C10 SITE CONTRACTOR SHALL PREP & PAINT EXISTING (2) ABOVEGROUND ELECTRICAL JUNCTION BOXES, TO MATCH EXISTING PAD-MOUNT SWITCH SHOWN. ONLY (1) JUNCTION BOX SHOWN IN SURVEY EXTENTS - CONFIRM SECOND JUNCTION BOX LOCATION WITH ENGINEER. EXISTING PAD-MOUNT TRANSFORMER SHALL NOT BE PAINTED. COORDINATE INSTALLATION WITH ALL TRADES, UTILITIES, & OWNER.

AD-02

AD-03

NOTE: CONCRETE RESTORATION LIMITS SHALL INCLUDE ENTIRE SECTION AND EXTEND TO NEAREST CLEAN JOINT IN CURBS, SIDEWALKS, ETC. NO "PATCHING" SHALL BE ALLOWED.

5'-0" CONCRETE WALK

SCALE: N.T.S.

NOTE: PROVIDE (1) SHEET OF 6 x 6 - W1.4 x W1.4 W.W.F.

NOTE: ALL JOINTS TO BE TOOLED - NO SAW-CUTTING ALLOWED.

AD-02

CONCRETE DRIVE & DUMPSTER PAD

SCALE: N.T.S.

NOTE: PROVIDE (2) SHEETS OF 6 x 6 - W1.4 x W1.4 W.W.F.

NOTE: ALL JOINTS TO BE SAW-CUT.

DECORATIVE CONCRETE WALK

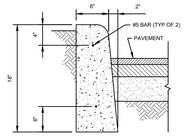
SCALE: N.T.S.

NOTE: PROVIDE (1) SHEET OF 6 x 6 - W1.4 x W1.4 W.W.F.

NOTE: PROVIDE 24" WIDE INTEGRALLY COLORED ACCENT STRIPS (U-49 BUTTERFIELD COLOR, UNI-MIX DEEP CHARCOAL) WITH ROLLED TEXTURED FINISH. PROVIDE STANDARD COLOR FIELD CONCRETE WITH BROOM FINISH & DIAMOND PATTERN DECORATIVE JOINTS (V-SHAPED/ROUNDED).

NOTE: ALL COLORS, FINISHES, & CUTS SHALL MATCH EXISTING, ADJACENT 20'-0" WIDE WALK.

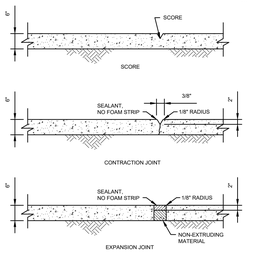
NOTE: ALL JOINTS TO BE TOOLED - NO SAW-CUTTING ALLOWED.



CONCRETE STRAIGHT CURB

SCALE: N.T.S.

NOTE: ALL JOINTS TO BE TOOLED - NO SAW-CUTTING ALLOWED.



CONCRETE JOINT DETAILS

SCALE: N.T.S.

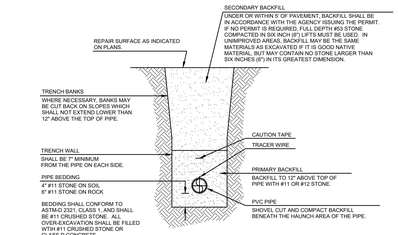
NOTE: PROVIDE (1) SHEET OF 6 x 6 - W1.4 x W1.4 W.W.F.

SANITARY SEWER TRENCH DETAIL

SCALE: N.T.S.

NOTE: ALL TRENCH WORK SHALL IN BE COMPLIANCE WITH OSHA PART 26 OF THE CODE OF FEDERAL REGULATIONS.

NOTE: WHEN PIPE GRADES ARE NOT DEFINED ON THE CONTRACT DRAWINGS, MAINTAIN A MINIMUM OF 48" OF COVER OVER THE TOP OF PIPE, EXCEPT AS OTHERWISE ORDERED BY THE ENGINEER.



SANITARY SEWER TRENCH DETAIL

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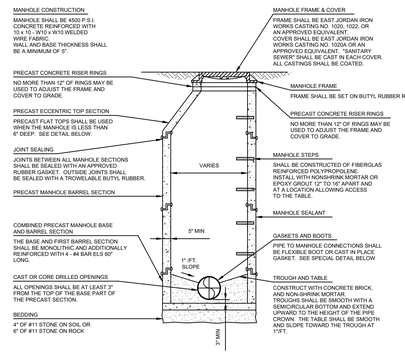
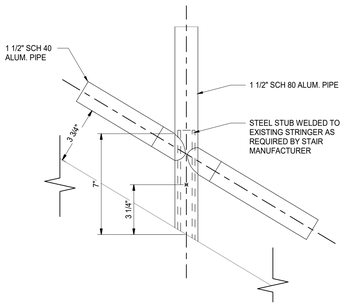
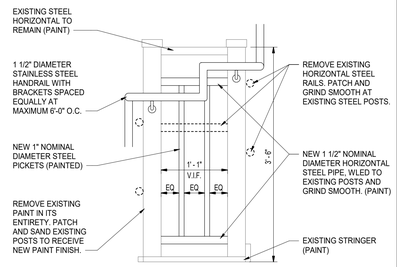

MANHOLE CONSTRUCTION
MANHOLE SHALL BE 4500 P.S.I. CONCRETE REINFORCED WITH 10 x 10 - W10 x W10 WELDED WIRE FABRIC. WALL AND BASE THICKNESS SHALL BE A MINIMUM OF 5".
MANHOLE FRAME & COVER



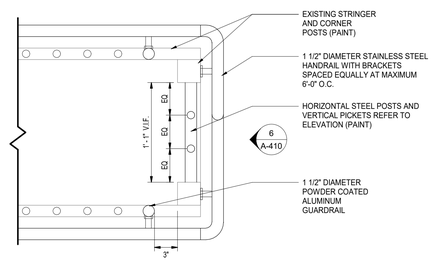
STAIR STEEL WELDED STUB

7 / A-410 SCALE: 3" = 1'-0"



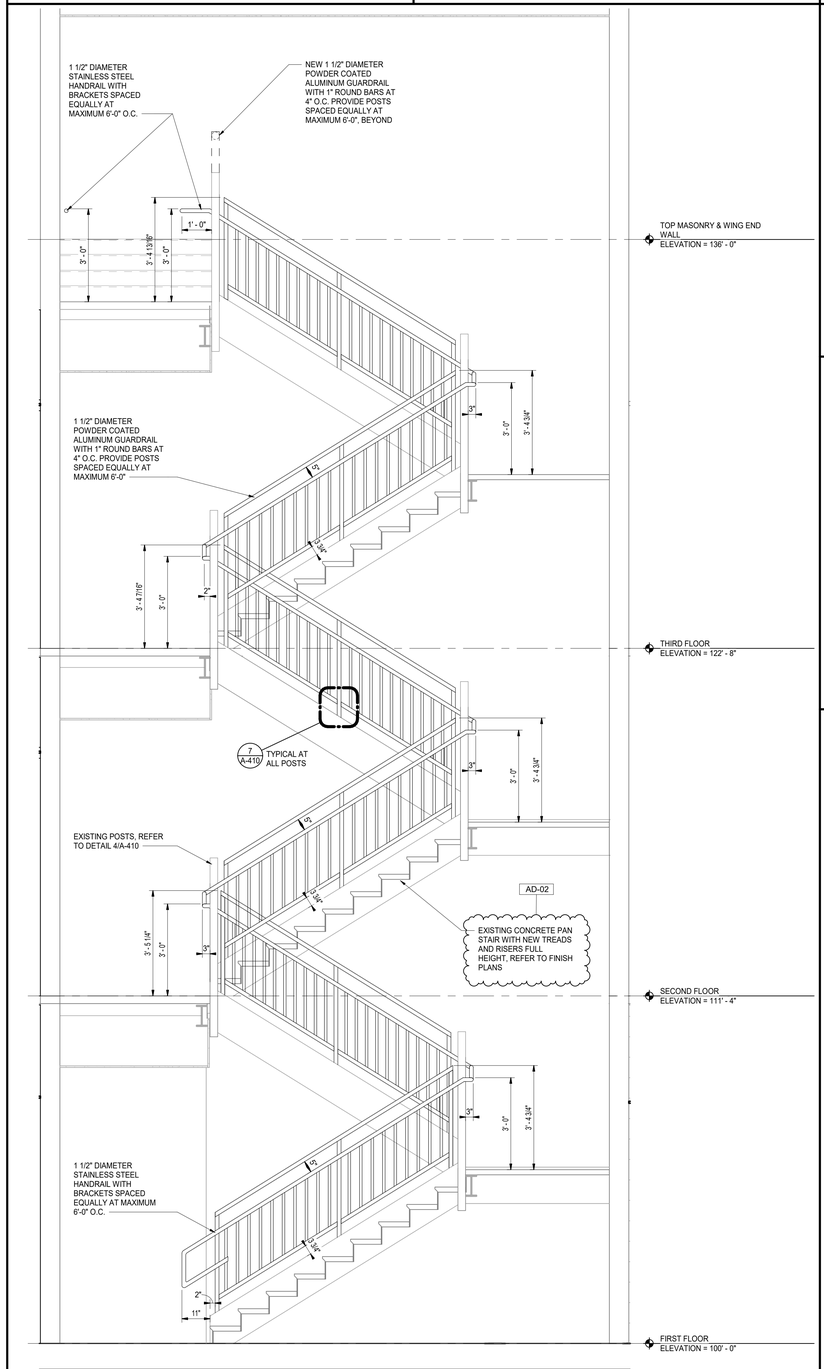
STAIR RAIL ELEVATION

6 / A-410 SCALE: 1" = 1'-0"



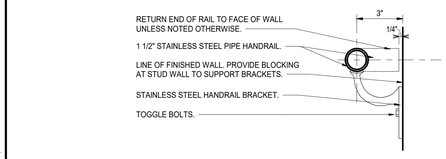
ENLARGED STAIR RAIL DETAIL

4 / A-410 SCALE: 1 1/2" = 1'-0"



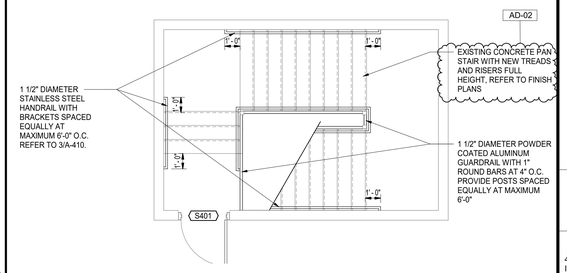
STAIR SECTION

5 / A-410 SCALE: 1/2" = 1'-0"



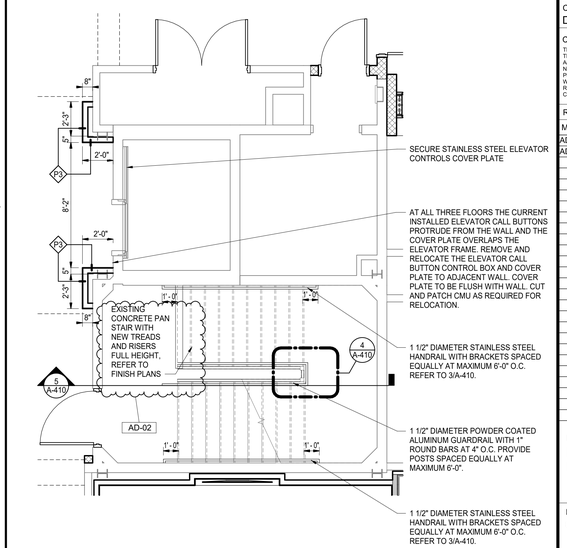
STAINLESS HANDRAIL DETAIL

3 / A-410 SCALE: 3" = 1'-0"



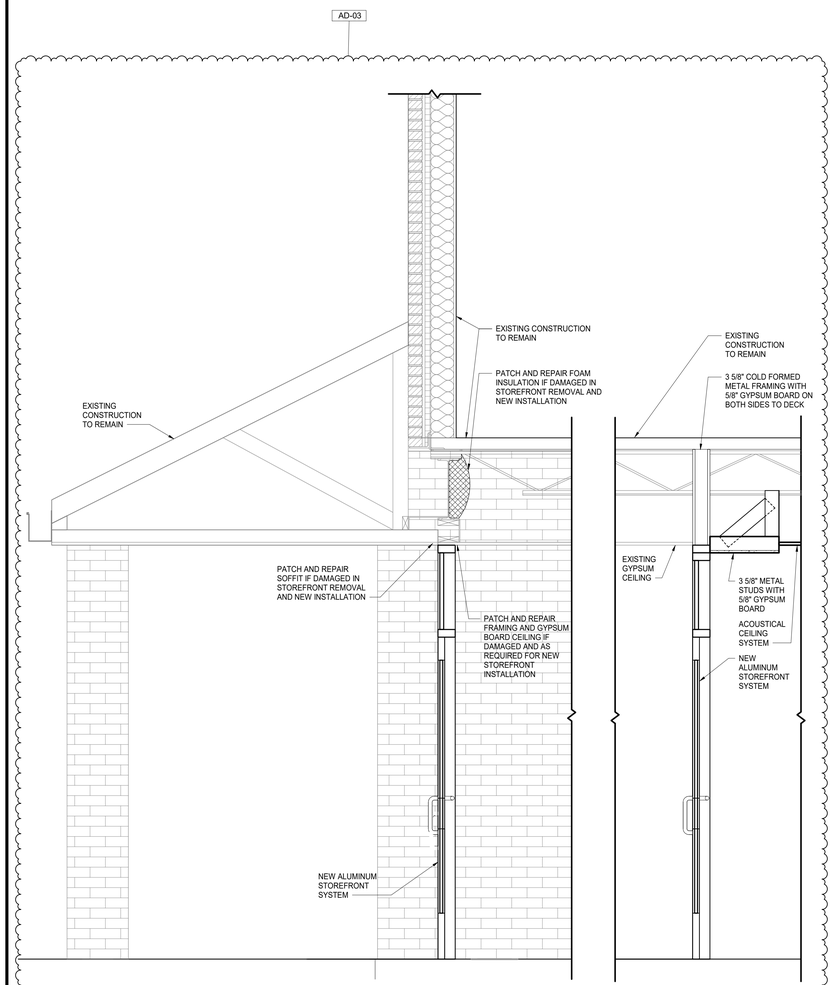
ENLARGED STAIR PLAN AT ROOF

2 / A-410 SCALE: 1/4" = 1'-0"



ENLARGED STAIR AND ELEVATOR PLAN

1 / A-410 SCALE: 1/4" = 1'-0"



WALL SECTION

8 / A-410 Scale: 3/4" = 1'-0"

9/18/2026 3:19:17 PM
C:\Users\cdice\Documents\26-115 Godare Hall Improvements Arch R25_cdiceZML9R.rvt

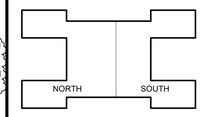
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

GODARE HALL RENOVATIONS

VINCENNES UNIVERSITY

1401 Parke Street
Vincennes, IN 47591



KEY PLAN

100% CD SET

GIBRALTAR DESIGN
4030 Vincennes Rd., Ste. 100
Indianapolis, IN 46268
Homepage: www.GibraltarDesign.com
Phone 317.580.5777

PROJECT
26-115
DATE
09/01/2026
COORDINATED BY
GWT
DRAWN BY
JM
CHECKED BY
DTB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

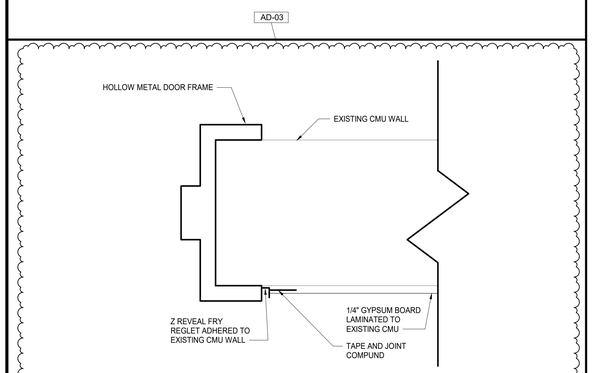
MARK	DATE	ISSUED FOR
AD-02	09-15-26	AD-02
AD-03	09-21-26	AD-03

DRAWING
ENLARGED STAIR & ELEVATOR PLANS AND SECTIONS

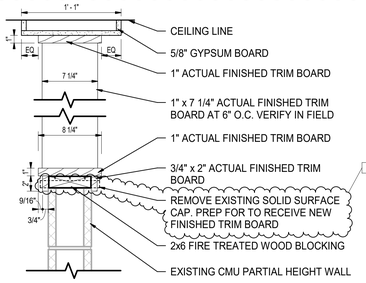
PROJECT
GODARE HALL RENOVATIONS

© GIBRALTAR DESIGN

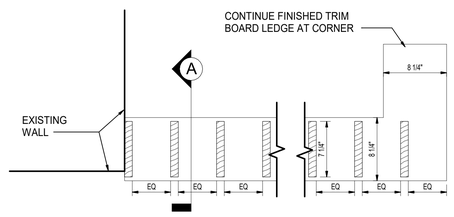
SHEET
A-410



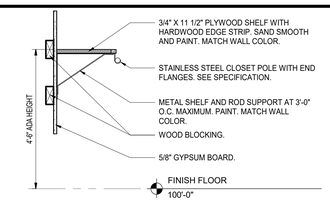
18 A-501 **DRYWALL REVEAL DETAIL**
SCALE: 6" = 1'-0"



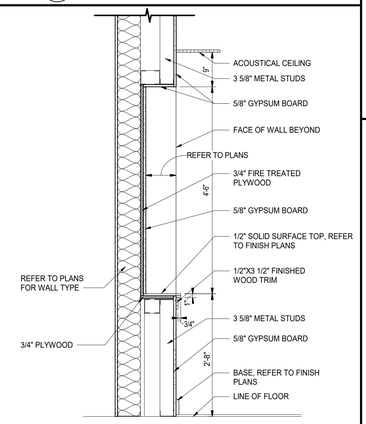
SECTION A



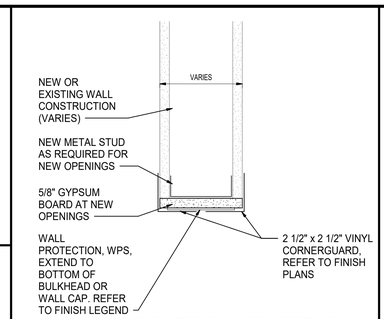
15 A-501 **WOOD SLAT WALL DETAIL**
SCALE: 1 1/2" = 1'-0"



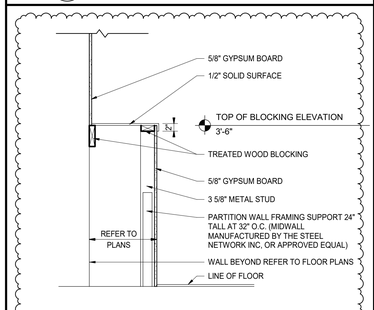
17 A-501 **COAT ROD AND SHELF**
SCALE: 1" = 1'-0"



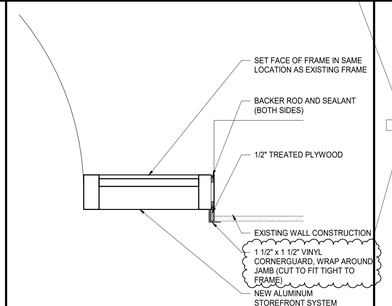
16 A-501 **TV MONITOR RECESSED**
SCALE: 3/4" = 1'-0"



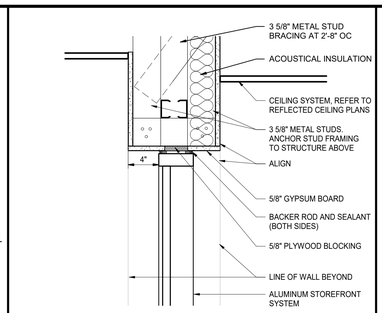
13 A-501 **CORNERGUARD DETAIL**
SCALE: 3" = 1'-0"



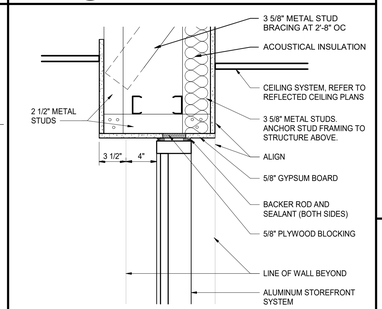
12 A-501 **LEDGE DETAIL**
SCALE: 3/4" = 1'-0"



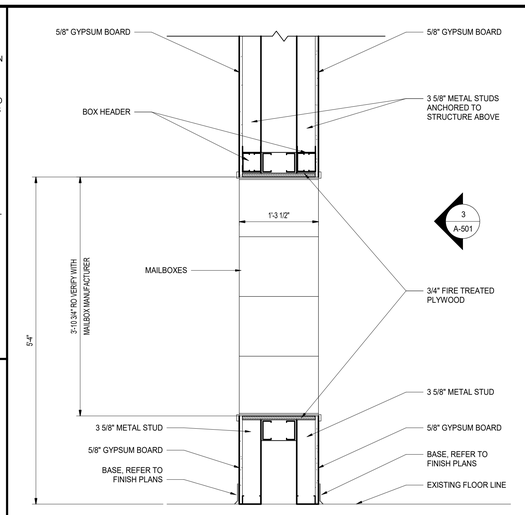
11 A-501 **APARTMENT CORNERGUARD**
SCALE: 1 1/2" = 1'-0"



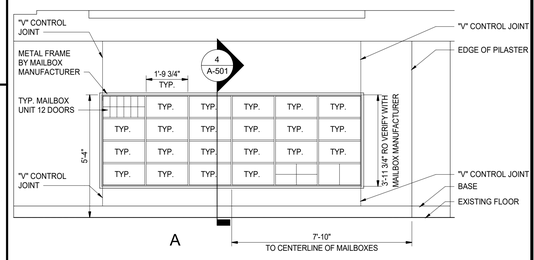
9 A-501 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



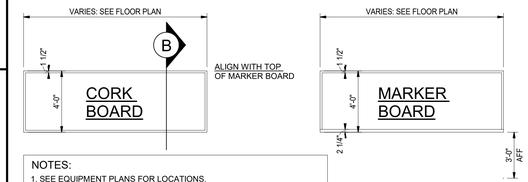
8 A-501 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



4 A-501 **MAILBOX SECTION**
SCALE: 1" = 1'-0"

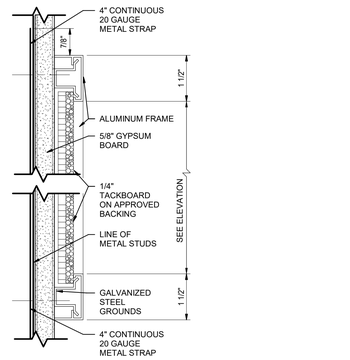


3 A-501 **MAILBOX DETAIL**
SCALE: 3/8" = 1'-0"



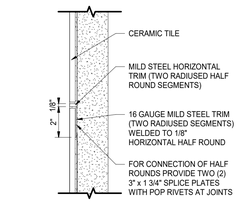
NOTES:
1. SEE EQUIPMENT PLANS FOR LOCATIONS.
2. SEE FINISH PLANS FOR WALL FINISHES.
3. MOUNTING HEIGHT AS DIRECTED BY OWNER AND ARCHITECT.

2 A-501 **MARKER/CORKBOARD ELEVATIONS**
SCALE: 1/4" = 1'-0"



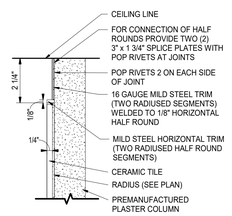
CORKBOARD "B"

1 A-501 **CORKBOARD SECTION**
SCALE: 6" = 1'-0"



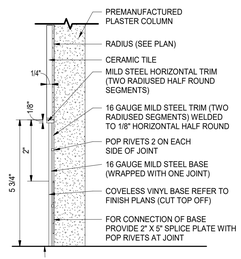
SHOP POWDER COAT MILD TRIM PRIOR TO INSTALLATION
ADHEAR MILD STEEL TO COLUMN

SECTION C
SCALE: 6" = 1'-0"



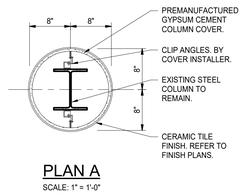
SHOP POWDER COAT PRIOR TO INSTALLATION
ADHEAR MILD STEEL TO COLUMN

SECTION D
SCALE: 6" = 1'-0"

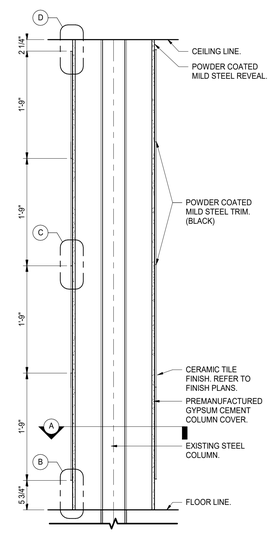


SHOP POWDER COAT MILD TRIM PRIOR TO INSTALLATION
ADHEAR MILD STEEL TO COLUMN

SECTION B
SCALE: 6" = 1'-0"

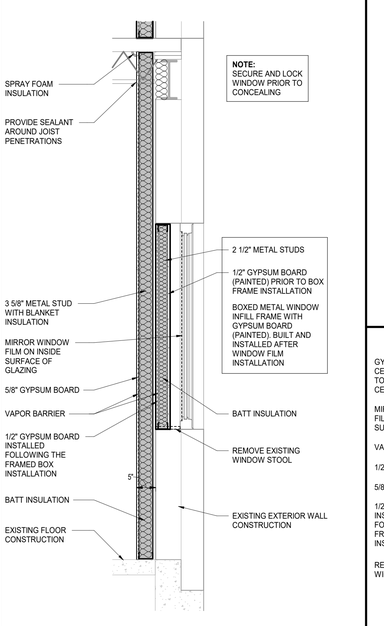


PLAN A
SCALE: 1" = 1'-0"

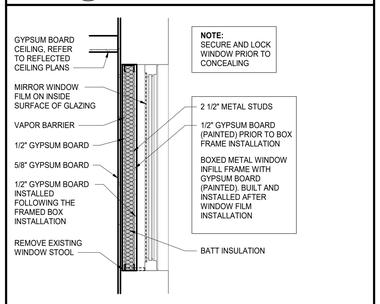


COLUMN WRAP SECTION
SCALE: 1" = 1'-0"

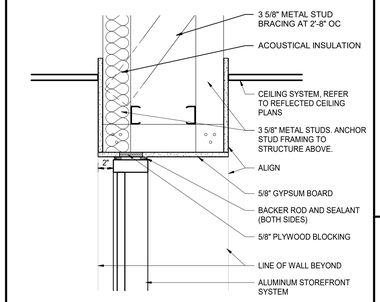
14 A-501 **COLUMN WRAP DETAIL (INTERIOR)**
SCALE: 1" = 1'-0"



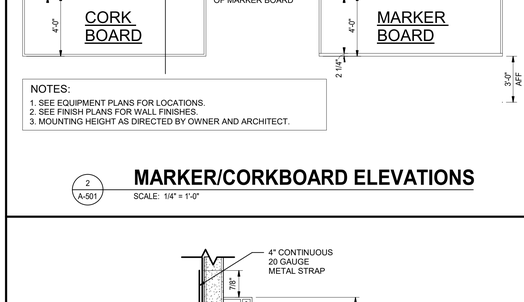
10 A-501 **WALL SECTION**
SCALE: 3/4" = 1'-0"



5 A-501 **SECTION DETAIL**
SCALE: 3/4" = 1'-0"



6 A-501 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



7 A-501 **SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"

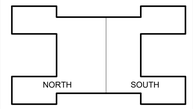
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

GODARE HALL RENOVATIONS

VINCENNES UNIVERSITY

1401 Parke Street
Vincennes, IN 47591



KEY PLAN

100% CD SET

GIBRALTAR DESIGN
4030 Vincennes Rd., Ste. 100
Indianapolis, IN 46268
Homepage: www.GibraltarDesign.com
Phone 317.580.5777

PROJECT
26-115
DATE
09/01/2026
COORDINATED BY
GWT
DRAWN BY
JM
CHECKED BY
DTB

JOSEPH P. BRIGGS REGISTERED ND. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-02	09-15-26	AD-02
AD-03	09-21-26	AD-03

DRAWING
TYPICAL DETAILS

PROJECT
GODARE HALL RENOVATIONS

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A-501

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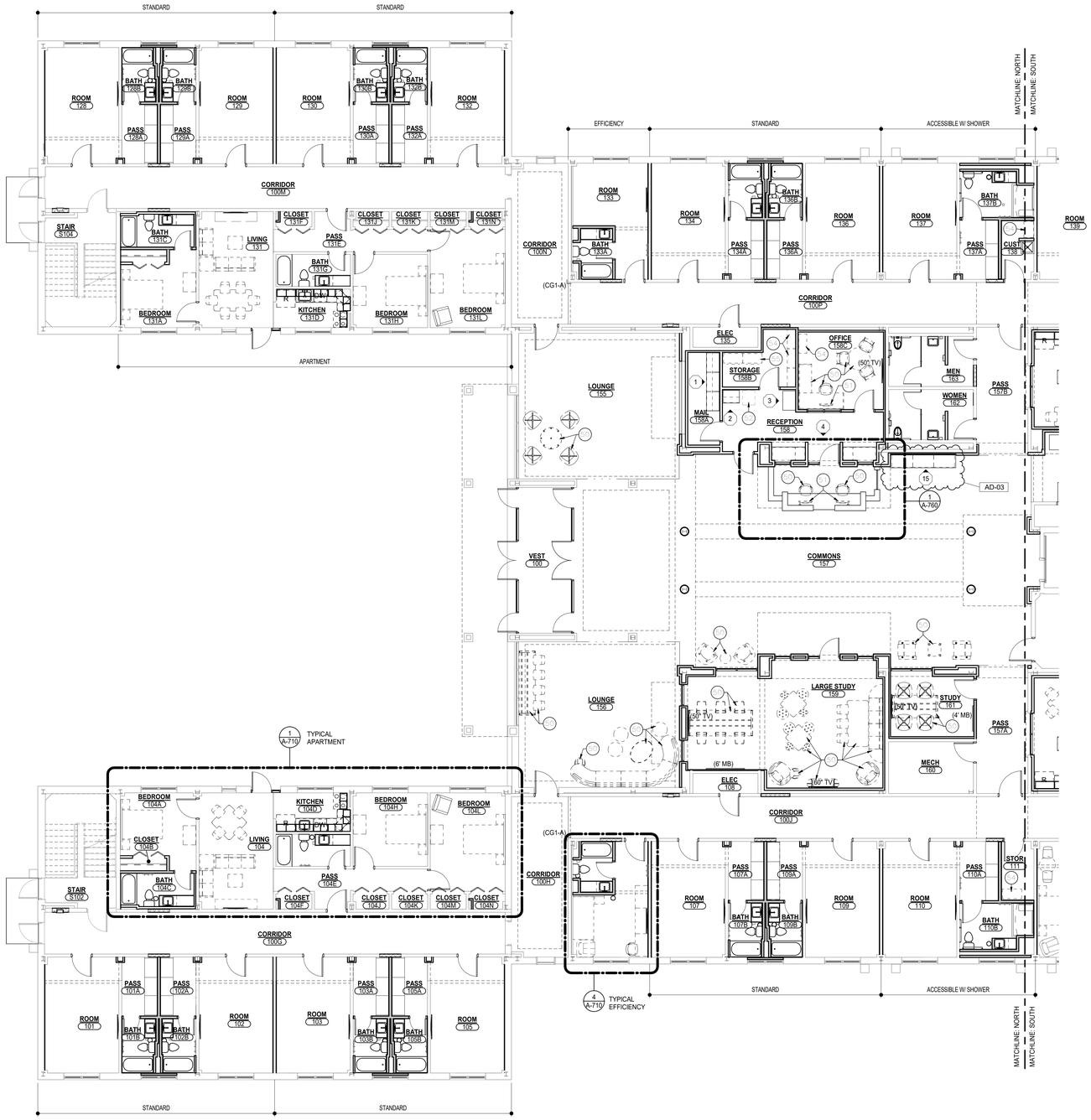
C:\Users\cdice\Documents\26-115 Godare Hall Improvements Arch R25_cdiceZML9R.rvt



1 A-701 **FIRST FLOOR EQUIPMENT PLAN - NORTH**

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

NORTH

PLAN

GENERAL EQUIPMENT NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS.

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.

D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.

E. REFER TO A-500 SERIES DRAWINGS FOR EQUIPMENT DETAILS.

EQUIPMENT PLAN LEGEND:

- INDICATES CASEWORK ELEVATION SYMBOL. REFER TO SHEET A-730 FOR CASEWORK ELEVATIONS AND DETAILS. REFER TO SHEET A-710 FOR VANITY ELEVATIONS (BY FOLIOT).
- – – INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT).
- - - - INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG) INDICATES CORNER GUARD. REFER TO FINISH LEGEND.
- (CG-A) INDICATES ALTERNATE BID CORNER GUARD. REFER TO FINISH LEGEND.
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
- (MB) INDICATES 4' HIGH GLASS MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
- (TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.
- (MH) INDICATES MOP HOLDER ABOVE SERVICE SINK.
- (RS) INDICATES ROLLER SHADE.

EQUIPMENT PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

1 SINK IN CASEWORK. REFER TO PLUMBING DRAWINGS.
2 6'-0" MIRROR. MOUNT AT 4" A.F.F.
3 SOLID SURFACE COUNTER AT 36" A.F.F. PROVIDE SUPPORT BRACKETS AS REQUIRED.
4 EXERCISE BARS. PROVIDE BLOCKING AS REQUIRED.
5 UNDERCOUNTER TRASH. PROVIDE 12" DIAMETER OPENING IN SOLID SURFACE COUNTERTOP.

OWNER FURNISHED EQUIPMENT:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

50 LOOSE FURNITURE, BY OWNER. INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION..
51 COMPUTER/ MONITOR, BY OWNER.
52 PRINTER/ COPIER, BY OWNER.
53 RANGE WITH HOOD, BY OWNER (PROVIDE 30" WIDE OPENING).
54 SHELVING, BY OWNER.
55 FILE CABINET, BY OWNER.
56 MICROWAVE, BY OWNER.
57 CLOTHES WASHER, BY OWNER.
58 CLOTHES DRYER, BY OWNER.
59 VENDING MACHINE, BY OWNER.
61 REFRIGERATOR, BY OWNER.
62 FREEZER, BY OWNER.
63 COMMERCIAL CLOTHES WASHER, BY OWNER.
64 COMMERCIAL CLOTHES DRYER, BY OWNER.
66 EXERCISE EQUIPMENT, BY OWNNER.
67 FOOSBALL TABLE, BY OWNER.
68 POOL TABLE, BY OWNER.
69 PING PONG TABLE, BY OWNER.

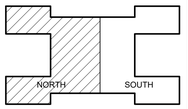
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

GODARE HALL RENOVATIONS

VINCENNES UNIVERSITY

1401 Parke Street
Vincennes, IN 47591



KEY PLAN

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GIBRALTAR DESIGN
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REVISIONS

MARK	DATE	ISSUED FOR
AD-02	09-15-26	AD-02
AD-03	09-21-26	AD-03

DRAWING
FIRST FLOOR EQUIPMENT PLAN - NORTH

PROJECT
GODARE HALL RENOVATIONS

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SHEET
A-701

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CASEWORK ELEVATION NOTES:

1 LINE OF FINISHED FLOOR.
2 WALL LINE.
3 CEILING LINE.
4 DOOR. REFER TO FLOOR PLANS.
5 WINDOW. REFER TO FLOOR PLANS.
6 4" TOE SPACE WITH VINYL BASE BY FLOORING INSTALLER.
7 SLOPED TOP (CONTINUOUS).
8 25" D COUNTERTOP WITH 4" BACKSPLASH, UNLESS NOTED OTHERWISE.
9 REFRIGERATOR, BY OWNER.
10 MICROWAVE, BY OWNER.
11 RANGE WITH HOOD, BY OWNER.
12 DISHWASHER, BY OWNER.
13 FINISHED BACK/END PANEL.
14 SINK. REFER TO PLUMBING DRAWINGS.
15 FILLER PANEL. FINISHED TO MATCH FACE OF CABINET.
16 COPY MACHINE
17 26" D COUNTERTOP. NO BACKSPLASH.
18 FREEZER.
20 44" D COUNTERTOP NO BACKSPLASH
21 60" TV.
22 SOLID SURFACE BACKSPLASH. FROM TOP OF COUNTERTOP TO BOTTOM OF WALL CABINETS.
23 25" D COUNTERTOP - BACKSPLASH AS INDICATED.
24 OPEN KNEE SPACE
25 21" D COUNTERTOP WITH 4" BACKSPLASH AND SIDESPLASH, UNLESS NOTED OTHERWISE.
26 PROVIDE 12" DIAMETER OPENING IN SOLID SURFACE COUNTERTOP FOR TRASH BELOW.
27 WOOD TRIM ON BULKHEAD ABOVE CASEWORK. REFER TO DETAIL 4/A-901.
28 FINISHED BACK PANEL.
29 WATERFALL COUNTERTOP WITH MITERED EDGE.
30 15"D COUNTERTOP, NO BACKSPLASH OR ENDSPLASH.

VANITY SCHEDULE:

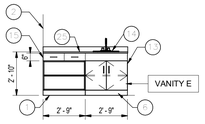
VANITY A
OVERALL: 36"W X 34"H X 21"D
(SINK BASE)
18"W ONE DOOR, LEFT HINGE, ADJUSTABLE SHELF
18"W OPEN SHELVES

VANITY B
OVERALL: 36"W X 34"H X 21"D
(SINK BASE)
18"W ONE DOOR, RIGHT HINGE, ADJUSTABLE SHELF
18"W OPEN SHELVES

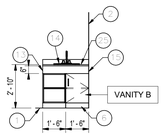
VANITY C
OVERALL: 60"W X 34"H X 21"D
30"W SINK BASE, TWO DOOR, ADJUSTABLE SHELF
30"W ONE DRAWER, OPEN SHELVES BELOW

VANITY D
OVERALL: 45"W X 34"H X 21"D
30"W ADA SINK BASE, KNEE SPACE
15"W ONE DRAWER, ONE DOOR, LEFT HINGE

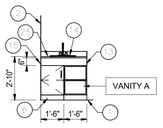
VANITY E
OVERALL: 66"W X 34"H X 21"D
33"W SINK BASE, TWO DOOR, ADJUSTABLE SHELF
33"W TWO DRAWER, OPEN SHELVES BELOW



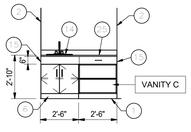
25 **ELEVATION** — COUNTERTOP: QZ, CABINET: PL4
SCALE: 1/4" = 1'-0"
ROOM: APARTMENT BATHROOM
INCLUDE OPPOSITE HAND UNITS
AD-03



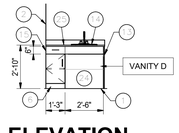
24 **ELEVATION** — COUNTERTOP: QZ, CABINET: PL4
SCALE: 1/4" = 1'-0"
ROOM: STANDARD UNIT



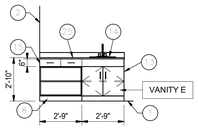
23 **ELEVATION** — COUNTERTOP: QZ, CABINET: PL4
SCALE: 1/4" = 1'-0"
ROOM: STANDARD UNIT



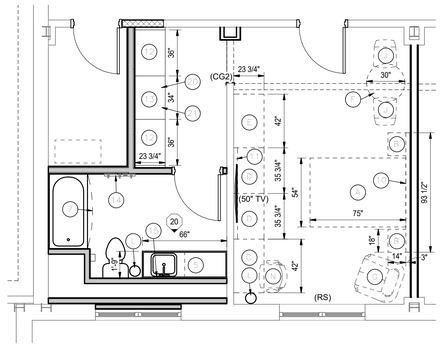
22 **ELEVATION** — COUNTERTOP: QZ, CABINET: PL4
SCALE: 1/4" = 1'-0"
ROOM: EFFICIENCY UNIT
INCLUDE OPPOSITE HAND UNITS
AD-03



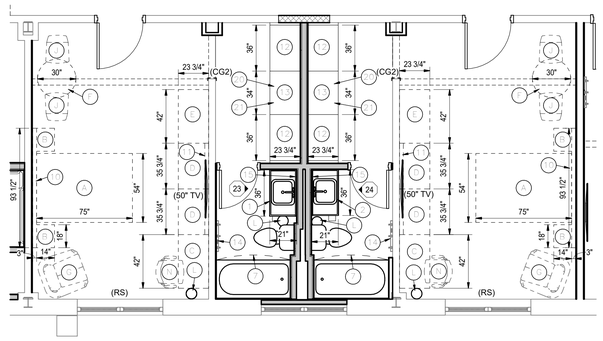
21 **ELEVATION** — COUNTERTOP: QZ, CABINET: PL4
SCALE: 1/4" = 1'-0"
ROOM: ACCESSIBLE UNIT
INCLUDE OPPOSITE HAND UNITS
AD-03



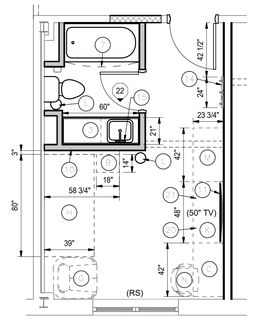
20 **ELEVATION** — COUNTERTOP: QZ, CABINET: PL4
SCALE: 1/4" = 1'-0"
ROOM: LARGE BATH UNIT



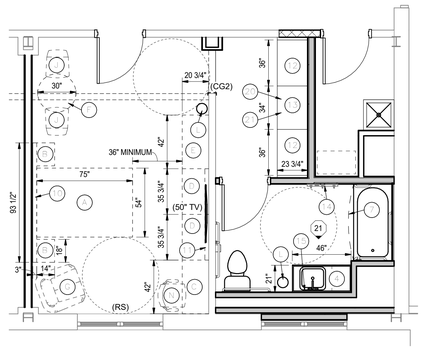
6 A-710 **TYPICAL UNIT-LARGE BATH**
1/4" = 1'-0"



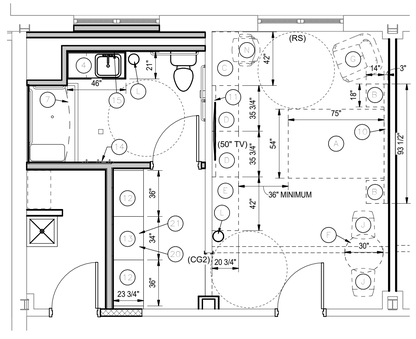
5 A-710 **TYPICAL UNIT-STANDARD**
1/4" = 1'-0"



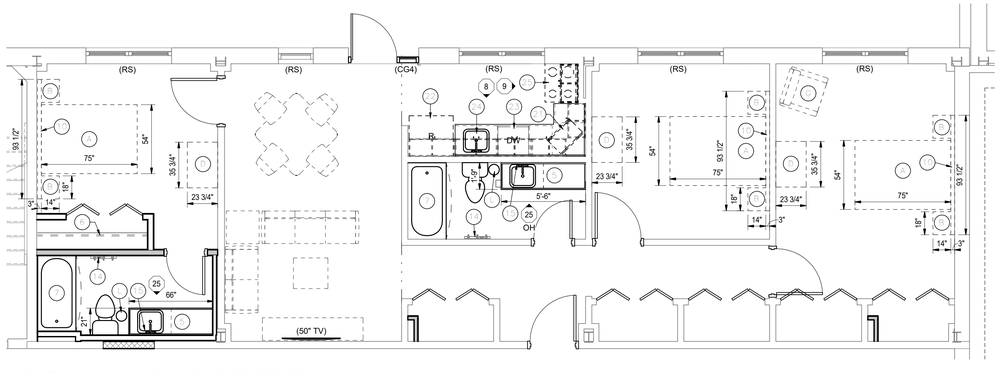
4 A-710 **TYPICAL UNIT-EFFICIENCY**
1/4" = 1'-0"



3 A-710 **TYPICAL UNIT-ACCESSIBLE WITH TUB**
1/4" = 1'-0"



2 A-710 **TYPICAL UNIT-ACCESSIBLE WITH SHOWER**
1/4" = 1'-0"



1 A-710 **TYPICAL UNIT-APARTMENT**
1/4" = 1'-0"

GENERAL EQUIPMENT NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
B. FIELD VERIFY ALL DIMENSIONS.
C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.
E. REFER TO A-500 SERIES DRAWINGS FOR EQUIPMENT DETAILS.

EQUIPMENT PLAN LEGEND:

(--) INDICATES CASEWORK ELEVATION SYMBOL. REFER TO SHEET A-730 FOR CASEWORK ELEVATIONS AND DETAILS. REFER TO SHEET A-710 FOR VANITY ELEVATIONS (BY FOLIOT).
– – – INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT).
– – – INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
(CG) INDICATES CORNER GUARD. REFER TO FINISH LEGEND.
(CG-A) INDICATES ALTERNATE BID CORNER GUARD. REFER TO FINISH LEGEND.
(TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
(MB) INDICATES 4' HIGH GLASS MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
(TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.
(MH) INDICATES MOP HOLDER ABOVE SERVICE SINK.
(RS) INDICATES ROLLER SHADE.

FURNITURE KEYNOTES - CFCI

(CONTRACTOR FURNISHED, CONTRACTOR INSTALLED)

1 VANITY A AND SINK BY FOLIOT. REFER TO VANITY ELEVATIONS AND PLUMBING DRAWINGS.
2 VANITY B AND SINK BY FOLIOT. REFER TO VANITY ELEVATIONS AND PLUMBING DRAWINGS.
3 VANITY C AND SINK BY FOLIOT. REFER TO VANITY ELEVATIONS AND PLUMBING DRAWINGS.
4 VANITY D AND SINK BY FOLIOT. REFER TO VANITY ELEVATIONS AND PLUMBING DRAWINGS.
5 VANITY E AND SINK BY FOLIOT. REFER TO VANITY ELEVATIONS AND PLUMBING DRAWINGS.
6 CLOSET ROD AND SHELF. REFER TO DETAIL 17/A-501.
7 PROVIDE CURVED SHOWER CURTAIN ROD AND SHOWER CURTAIN.

FURNITURE KEYNOTES - OFCI

(OWNER FURNISHED, CONTRACTOR INSTALLED)

10 HEADBOARD PROVIDED BY FOLIOT. LIGHT FIXTURES TO BE ATTACHED TO HEADBOARD. CONTRACTOR TO PROVIDE POWER. REFER TO ELECTRICAL DRAWINGS.
11 TV PANEL PROVIDED BY FOLIOT. CONTRACTOR TO PROVIDE POWER. REFER TO ELECTRICAL DRAWINGS.
12 TWO-DOOR, TWO DRAWER WARDROBE CABINET PROVIDED BY FOLIOT. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED. REFER TO A-100 SERIES DRAWINGS.
13 REFRESHMENT CENTER PROVIDED BY FOLIOT. CONTRACTOR TO PROVIDE POWER AND BLOCKING AS REQUIRED. REFER TO A-100 SERIES DRAWINGS
14 WALL HOOKS PROVIDED BY FOLIOT.
15 MIRROR PROVIDED BY FOLIOT.

EQUIPMENT KEYNOTES - OFCRI

(OWNER FURNISHED, CONTRACTOR ROUGH-IN)

20 UNDERCOUNTER REFRIGERATOR, BY OWNER. CONTRACTOR TO PROVIDE POWER. REFER TO ELECTRICAL DRAWINGS.
21 MICROWAVE, BY OWNER. CONTRACTOR TO PROVIDE POWER. REFER TO ELECTRICAL DRAWINGS.
22 REFRIGERATOR, BY OWNER. CONTRACTOR TO PROVIDE POWER. REFER TO ELECTRICAL DRAWINGS.
23 DISHWASHER, BY OWNER. CONTRACTOR TO PROVIDE POWER AND WATER. REFER TO ELECTRICAL AND PLUMBING DRAWINGS.
24 SINK, BY OWNER. REFER TO PLUMBING DRAWINGS.
25 OVEN AND RANGE, BY OWNER. CONTRACTOR TO PROVIDE POWER. REFER TO ELECTRICAL DRAWINGS.

FURNITURE KEYNOTES - OFOI

(OWNER FURNISHED, OWNER INSTALLED)

A FULL-SIZE BED.
B 1-DRAWER NIGHTSTAND.
C DESK WITH METAL LEGS.
D 3-DRAWER DRESSER.
E LUGGAGE BENCH.
F DINING TABLE.
G LOUNGE CHAIR.
H TWIN XL BED.
J DINING CHAIR.
K REFRESHMENT CENTER.
L TRASHCAN
M 2-DOOR, 2-DRAWER WARDROBE CABINET.
N DESK CHAIR

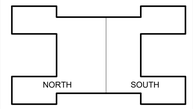
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

GODARE HALL RENOVATIONS

VINCENNES UNIVERSITY

1401 Parke Street
Vincennes, IN 47591



KEY PLAN

100% CD SET

GIBRALTAR DESIGN
4030 Vincennes Rd., Ste. 100
Indianapolis, IN 46268
Homepage: www.GibraltarDesign.com
Phone 317.580.5777

PROJECT
26-115
DATE
09/01/2026
COORDINATED BY
GWT
DRAWN BY
EKM
CHECKED BY
NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-02	09-15-26	AD-02
AD-03	09-21-26	AD-03

DRAWING
INTERIOR ENLARGED ROOM PLANS AND VANITY ELEVATIONS

PROJECT
GODARE HALL RENOVATIONS

© GIBRALTAR DESIGN

SHEET
A-710

9/17/2026 2:46:52 PM
C:\Users\emcqueen\Documents\26-115 Godare Hall Improvements Arch R25_emcqueenPCFT7.rvt

CASEWORK SCHEDULE

TAG	MODEL NO.	WIDTH	DEPTH	HEIGHT	DESCRIPTION
B1	10129	3' - 0"	2' - 0"	2' - 9"	BASE - TWO DOOR, ADJUSTABLE SHELF
B2	10432	2' - 6"	2' - 0"	2' - 9"	BASE - TWO DRAWER, TWO DOOR
B3	10432	3' - 6"	2' - 0"	2' - 9"	BASE - TWO DRAWER, TWO DOOR
B4	10421	1' - 6"	2' - 0"	2' - 9"	BASE - ONE DRAWER, ONE DOOR, RIGHT HINGED
B5	10422	1' - 6"	2' - 0"	2' - 9"	BASE - ONE DRAWER, ONE DOOR, LEFT HINGED
B6	10479	3' - 6"	2' - 0"	2' - 9"	SINK BASE - FALSE FRONT, TWO DOOR
B7	10479	2' - 9"	2' - 0"	2' - 9"	SINK BASE - FALSE FRONT, TWO DOOR, REMOVEABLE BACK
B8	10332	1' - 6"	2' - 0"	2' - 9"	BASE - THREE DRAWERS
B9	10422	1' - 3"	2' - 0"	2' - 9"	BASE - ONE DRAWER, ONE DOOR, LEFT HINGED
B10	10421	1' - 3"	2' - 0"	2' - 9"	BASE - ONE DRAWER, ONE DOOR, RIGHT HINGED - NOT SHOWN ON ELEVATIONS
B11	10422	2' - 0"	2' - 0"	2' - 9"	BASE - ONE DRAWER, ONE DOOR, LEFT HINGED
B12	10432	3' - 0"	2' - 0"	2' - 9"	BASE - TWO DRAWER, TWO DOOR
B13	10710	1' - 9"	2' - 0"	2' - 9"	BASE - ONE DOOR, LEFT HINGED, OPEN BOTTOM (TRASH) - NOT SHOWN IN ELEVATIONS
B14	10711	1' - 9"	2' - 0"	2' - 9"	BASE - ONE DOOR, RIGHT HINGED, OPEN BOTTOM (TRASH)
B15	10101	3' - 3"	1' - 2"	2' - 5"	BASE - OPEN SHELVES, ADJUSTABLE
B16	10129	3' - 3"	2' - 0"	2' - 9"	BASE - TWO DOOR, ADJUSTABLE SHELF
T1	25138	4' - 0"	2' - 0"	7' - 0"	TALL - OPEN SHELVES, CENTER DIVIDER
T2	26129	3' - 0"	2' - 0"	7' - 0"	TALL - TWO DOOR, ADJUSTABLE SHELVES
W1	16129	3' - 0"	1' - 2"	2' - 6"	WALL - TWO DOOR, ADJUSTABLE SHELVES
W2	16129	2' - 6"	1' - 2"	2' - 6"	WALL - TWO DOOR, ADJUSTABLE SHELVES
W3	15181	2' - 3"	1' - 2"	2' - 6"	WALL - TWO DOOR, ADJUSTABLE SHELVES
W4	15181	2' - 6"	1' - 2"	2' - 6"	WALL - TWO DOOR, ADJUSTABLE SHELVES
W5	15181	3' - 0"	1' - 2"	2' - 6"	WALL - TWO DOOR, ADJUSTABLE SHELVES
W6	15181	3' - 6"	1' - 2"	2' - 6"	WALL - TWO DOOR, ADJUSTABLE SHELVES
W7	15181	2' - 6"	1' - 2"	1' - 6"	WALL - TWO DOOR, ABOVE RANGE, ADJUSTABLE SHELF
W8	15181	2' - 9"	1' - 2"	1' - 6"	WALL - TWO DOOR, ABOVE SINK/RANGE, ADJUSTABLE SHELF
W9	15181	2' - 9"	1' - 2"	1' - 0"	WALL - TWO DOOR, ABOVE REFRIGERATOR
W10	15181	3' - 0"	1' - 2"	1' - 0"	WALL - TWO DOOR, ABOVE REFRIGERATOR
W11	15121	2' - 0"	1' - 2"	2' - 6"	WALL - ONE DOOR, LEFT HINGED, ADJUSTABLE SHELVES
W12	15120	1' - 9"	1' - 2"	2' - 6"	WALL - ONE DOOR, RIGHT HINGED, ADJUSTABLE SHELVES
W13	15121	1' - 9"	1' - 2"	2' - 6"	WALL - ONE DOOR, LEFT HINGED, ADJUSTABLE SHELVES - NOT SHOWN ON ELEVATIONS

AD-03

GENERAL NOTES:

A. REFER TO SPECIFICATIONS AND EQUIPMENT PLANS FOR SHELVING LOCATIONS AND ADDITIONAL INFORMATION. REFER TO FINISH LEGEND IN A-800 SERIES DRAWINGS FOR FINISH INFORMATION.

B. FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC (UNLESS NOTED OTHERWISE) AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.

C. FIELD VERIFY ALL DIMENSIONS.

D. VERIFY ALL PLAN AND CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.

E. ALL COUNTERTOPS TO BE PLASTIC LAMINATE WITH 4" HIGH PLASTIC LAMINATE BACKSPLASH AND/OR SIDESPLASH AT ALL LOCATIONS WHERE COUNTERTOP MEETS ADJACENT SURFACE (UNLESS NOTED OTHERWISE).

F. PROVIDE 3MM PVC EDGE ON ALL PLASTIC LAMINATED COUNTERTOPS AND BACKSPLASH.

G. PROVIDE A 4" HIGH TOE SPACE ON ALL BASE AND FULL HEIGHT CABINETS.

H. ALL EXPOSED CASEWORK SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY (UNLESS NOTED OTHERWISE).

I. ALL EXPOSED CASEWORK ENDS SHALL BE FINISHED TO MATCH CASEWORK FRONTS.

J. PROVIDE CONTINUOUS PLASTIC LAMINATE SLOPED TOPS ON ALL WALL AND FULL HEIGHT CABINETS (UNLESS OTHERWISE NOTED).

K. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD. CASEWORK MANUFACTURER / INSTALLER SHALL PROVIDE ALL FILLERS AND SCRIBES AS REQUIRED FOR A COMPLETE AND FINISHED CASEWORK INSTALLATION.

L. NO LOCKS ON CABINET DRAWERS AND DOORS, UNLESS INDICATED OTHERWISE.

M. ALL ADJOINING CABINETS SHALL BE ALIGNED.

N. WHERE CASEWORK REQUIRES SHIMMING, PROVIDE ONLY APPROVED METAL SHIMS.

O. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.

P. PROVIDE JOINT SEALANT AT ALL JUNCTIONS OF CASEWORK / COUNTERTOPS WITH ADJACENT WALL OR CASEWORK.

Q. PROVIDE 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY FLOORING INSTALLER.

R. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.

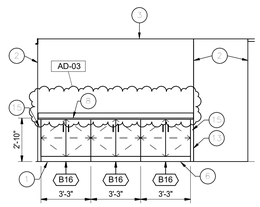
S. REFER TO PLUMBING DRAWINGS AND SCHEDULES FOR FIXTURE TYPES AND LOCATIONS. REFER TO PLUMBING DRAWINGS FOR PLUMBING CONNECTIONS.

T. ALL CUTTING, DRILLING AND PATCHING OF CASEWORK AND COUNTERTOPS AS REQUIRED FOR INSTALLATION OF PIPING OR CONDUIT SHALL BE BY CASEWORK MANUFACTURER / INSTALLER.

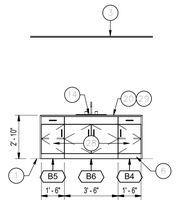
U. REFER TO "G" SERIES SHEETS FOR MOUNTING HEIGHTS OF EQUIPMENT AND ACCESSORIES.

CASEWORK ELEVATION NOTES:

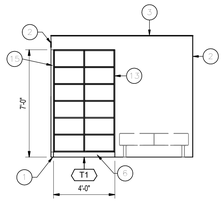
1 LINE OF FINISHED FLOOR.
2 WALL LINE.
3 CEILING LINE.
4 DOOR. REFER TO FLOOR PLANS.
5 WINDOW. REFER TO FLOOR PLANS.
6 4" TOE SPACE WITH VINYL BASE BY FLOORING INSTALLER.
7 SLOPED TOP (CONTINUOUS).
8 25" D COUNTERTOP WITH 4" BACKSPLASH, UNLESS NOTED OTHERWISE.
9 REFRIGERATOR, BY OWNER.
10 MICROWAVE. BY OWNER.
11 RANGE WITH HOOD, BY OWNER.
12 DISHWASHER, BY OWNER.
13 FINISHED BACK/END PANEL.
14 SINK. REFER TO PLUMBING DRAWINGS.
15 FILLER PANEL. FINISHED TO MATCH FACE OF CABINET.
16 COPY MACHINE
17 26" D COUNTERTOP. NO BACKSPLASH.
18 FREEZER.
20 44" D COUNTERTOP NO BACKSPLASH
21 60" TV.
22 SOLID SURFACE BACKSPLASH. FROM TOP OF COUNTERTOP TO BOTTOM OF WALL CABINETS.
23 25" D COUNTERTOP - BACKSPLASH AS INDICATED.
24 OPEN KNEE SPACE
25 21" D COUNTERTOP WITH 4" BACKSPLASH AND SIDESPLASH, UNLESS NOTED OTHERWISE.
26 PROVIDE 12" DIAMETER OPENING IN SOLID SURFACE COUNTERTOP FOR TRASH BELOW.
27 WOOD TRIM ON BULKHEAD ABOVE CASEWORK. REFER TO DETAIL 4/A-901.
28 FINISHED BACK PANEL.
29 WATERFALL COUNTERTOP WITH MITERED EDGE.
30 15"D COUNTERTOP, NO BACKSPLASH OR ENDSPLASH.



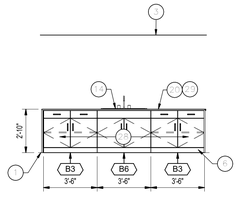
15 **ELEVATION** — COUNTERTOP: SS2, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 157



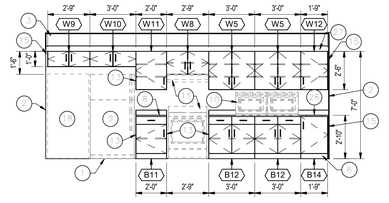
14 **ELEVATION** — COUNTERTOP: SS3, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 370



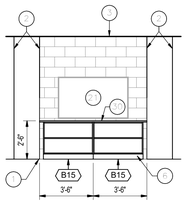
13 **ELEVATION** — CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 267



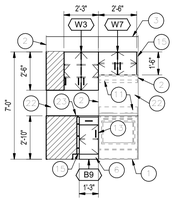
12 **ELEVATION** — COUNTERTOP: SS3, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 263C



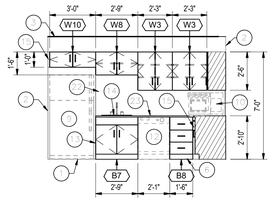
11 **ELEVATION** — COUNTERTOP: SS3, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 263C



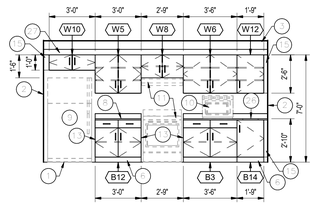
10 **ELEVATION** — COUNTERTOP: PL3, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 263



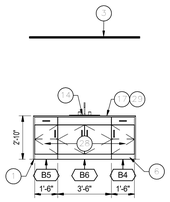
9 **ELEVATION** — COUNTERTOP: SS4, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 131D
OH: 104D



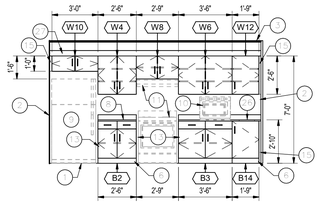
8 **ELEVATION** — COUNTERTOP: SS4, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 131D
OH: 104D



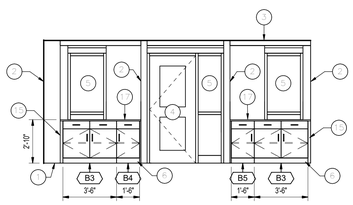
7 **ELEVATION** — COUNTERTOP: SS3, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 370



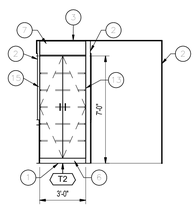
6 **ELEVATION** — COUNTERTOP: SS3, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 114, 142



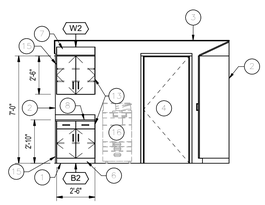
5 **ELEVATION** — COUNTERTOP: SS3, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 142
OH: 114



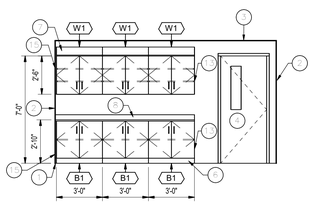
4 **ELEVATION** — COUNTERTOP: PL2, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 158
PROVIDE LOCKS ON CABINET DRAWERS AND DOORS, KEYED ALIKE BY ROOM.



3 **ELEVATION** — CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 158
PROVIDE LOCKS ON CABINET DRAWERS AND DOORS, KEYED ALIKE BY ROOM.



2 **ELEVATION** — COUNTERTOP: PL2, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 158
PROVIDE LOCKS ON CABINET DRAWERS AND DOORS, KEYED ALIKE BY ROOM.



1 **ELEVATION** — COUNTERTOP: PL2, CABINET: PL3
SCALE: 1/4" = 1'-0"
ROOM: 158A
PROVIDE LOCKS ON CABINET DRAWERS AND DOORS, KEYED ALIKE BY ROOM.

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C:\Users\emcqueen\Documents\26-115 Godare Hall Improvements Arch R25_emcqueenPCFT7.rvt

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

GODARE HALL RENOVATIONS

VINCENNES UNIVERSITY

1401 Parke Street
Vincennes, IN 47591

100% CD SET

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PROJECT
26-115
DATE
09/01/2026
COORDINATED BY
GWT
DRAWN BY
EKM
CHECKED BY
NAS

JOSEPH P. BRIGGS REGISTERED ND. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-02	09-15-26	AD-02
AD-03	09-21-26	AD-03

DRAWING
CASEWORK SCHEDULE, ELEVATIONS, AND DETAILS

PROJECT
GODARE HALL RENOVATIONS

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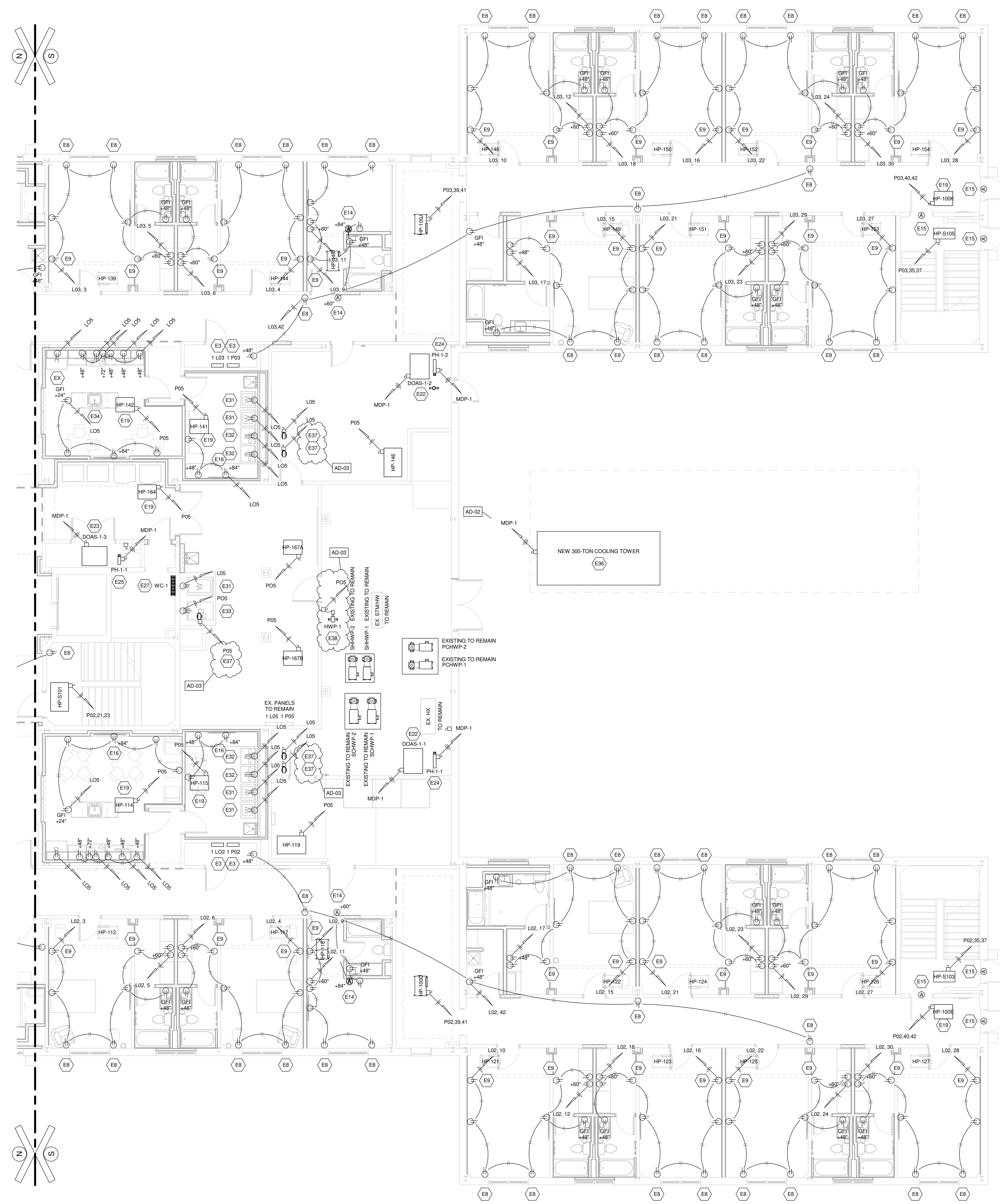
SHEET
A-730



FIRST FLOOR ELECTRICAL POWER/SYSTEMS PLAN - SOUTH

1/8" = 1'-0"

NOTE: SLEEPING ROOM HEAT PUMP CIRCUITS NOT SHOWN FOR CLARITY. REFER TO PANEL SCHEDULE FOR CIRCUIT. TYPICAL OF ALL SLEEPING ROOMS.

GENERAL ELECTRICAL NOTES

G1 ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO CONSTRUCTION.

G2 ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL #AD-100-LEVEL SHEETS, WHICH INDICATE WHERE GENERAL CONTRACTOR IS RESPONSIBLE FOR GYPSUM BOARD WALL, MASONRY, AND/OR BRICK PATCHING & REPAIR.

ALL OTHER CONSTRUCTION AFFECTED BY DEMOLITION WORK SHALL BE PATCHED & REPAIRED BY THE CONTRACTOR WHO INITIATED THE DEMOLITION, U.N.O. PATCHES AND/OR REPAIRS ARE TO MATCH EXISTING CONDITIONS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL SURFACE FINISH.

G3 GENERAL CONTRACTOR SHALL PROVIDE 1/4" GYPSUM BOARD SHEET OVER ALL EXISTING DORMITORY ROOM WALLS & CEILINGS. ALL EXISTING WALLS & CEILINGS AFFECTED BY DEMOLITION WORK SHALL FIRST BE PATCHED & REPAIRED BY THE CONTRACTOR WHO INITIATED THE DEMOLITION, THEN THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE 1/4" GYPSUM BOARD SHEET AND FINAL SURFACE FINISH.

G4 ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL #AD-100-LEVEL SHEETS, WHICH INDICATE WHERE GENERAL CONTRACTOR IS RESPONSIBLE FOR CONCRETE SLAB CUTTING & REMOVAL.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONCRETE SLAB CUTTING & REMOVAL, AND NEW CONCRETE SLAB & FINISH. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION, PIPING INSTALLATION, AND BACKFILLING/COMPACTION UP TO NEW CONCRETE SLAB ELEVATION.

ALL OTHER SLAB CUTTING & REMOVAL SHALL BE PERFORMED BY THE CONTRACTOR WHO REQUIRES THE SLAB CUTTING & REMOVAL.

G5 THROUGH AND MEMBRANE PENETRATIONS IN FIRE-RESISTIVE WALLS & FLOORS SHALL BE FIRESTOPPED IN ACCORDANCE WITH THE INDIANA BUILDING CODE REGULATIONS. IN COMBUSTIBLE CONSTRUCTION, FIREBLOCKING SHALL BE INSTALLED TO CUT OFF CONCEALED DRAFT OPENINGS (BOTH VERTICAL & HORIZONTAL) AND SHALL FORM AN EFFECTIVE BARRIER BETWEEN FLOORS, BETWEEN A TOP STORY AND A ROOF OR ATTIC SPACE. FIREBLOCKING SHALL BE INSTALLED IN LOCATIONS IN ACCORDANCE WITH THE INDIANA BUILDING CODE REGULATIONS. REFER TO ARCHITECTURAL DWGS FOR FURTHER DETAIL.

G6 ELECTRICAL CONTRACTOR SHALL CONFIRM ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL & PLUMBING COMPONENTS, PRIOR TO ORDERING EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE FOR FINAL CONNECTIONS TO ALL EQUIPMENT.

KEYED ELECTRICAL NOTES

E1 ELECTRICAL CONTRACTOR SHALL PROVIDE FOR NEW LIGHT SWITCH (GRAY DEVICE WITH STAINLESS STEEL FACE PLATE), RE-CONNECTING INTO EXISTING WIRING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E2 ELECTRICAL CONTRACTOR SHALL DISCONNECT/REMOVE EXISTING LINEAR STRIP LIGHT FIXTURE TO FACILITATE CEILING REMOVAL, THEN RE-INSTALL ON BACK WALL OF ROOM. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E3 PANELBOARD PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E4 FIRE ALARM CONTROL PANEL PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E5 FIRE ALARM DEVICE (SMOKE DETECTOR, HORN/STROBE DEVICE, MANUAL PULL STATION, ETC.) PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE SOUNDER BASES IN SLEEPING ROOMS, AS REQUIRED. ELECTRICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E6 TRANSFER GRILLE SLEEVE (16" W x 8" H), WITH 2-HOUR FIRE/SMOKE DAMPER, BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE SMOKE DETECTOR & INSTALLATION INTO DAMPER. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E7 FIRE ALARM DEVICE ANNUNCIATOR PANEL PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E8 ELECTRICAL CONTRACTOR SHALL PROVIDE NEW RECEPTACLE (GRAY DEVICE WITH STAINLESS STEEL FACE PLATE) AND TIE INTO REMAINING WIRING IN PLACE. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E9 ELECTRICAL CONTRACTOR SHALL PROVIDE NEW RECEPTACLE AT +18" A.F.F., EXTENDING EXISTING CIRCUIT, AS NECESSARY, TO NEW RECEPTACLE (GRAY DEVICE WITH STAINLESS STEEL FACE PLATE) AT +18" A.F.F. - ALL SPLICES TO BE MADE AT JUNCTION BOX. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E10 EXISTING ADA DOOR PUSH PAD SHALL REMAIN IN PLACE. ELECTRICAL CONTRACTOR SHALL ENSURE ALL POWER & CONTROL WIRING TO DOOR OPERATORS & CONTROLLERS REMAIN OPERATIONAL. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E11 NEW ADA DOOR PUSH PAD PROVIDED & INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER & CONTROL WIRING TO DOOR OPERATORS & CONTROLLERS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E12 KEYFOB CARD READER SHALL REMAIN IN PLACE. ELECTRICAL CONTRACTOR SHALL PROVIDE (1) CAT6E DATA DROP BACK TO NEAREST HUB ROOM, AND ENSURE ALL POWER & CONTROL WIRING TO DOOR OPERATORS & CONTROLLERS REMAIN OPERATIONAL. ELECTRICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING WALL-MOUNT CONDUIT, AND RE-ROUTE WIRING/CABLING INSIDE BRICK WALL. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO PATCH WALL WITH NEW BRICKS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E13 DOORS & DOOR OPERATORS PROVIDED & INSTALLED BY GENERAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, WITH FINAL TERMINATIONS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER, CONTROL, & DATA WIRING TO NEW DOOR OPERATORS, AND SHALL PROVIDE ALL CONDUIT FROM DEVICES TO ABOVE-CEILING CONTROLLER. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E14 HEARING IMPAIRED SYSTEM PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. SYSTEM SHALL BE EDWARDS #7005-G5, WITH HORN/STROBE DEVICE, PUSH BUTTON DEVICE, & TRANSFORMER. ELECTRICAL CONTRACTOR SHALL TIE TRANSFORMER INTO NEAREST 120V CIRCUIT, AND PROVIDE AN ABOVE-CEILING NEMA 1 TOGGLE SWITCH IN CORRIDOR, SO THAT SYSTEM CAN BE DISABLED IF NECESSARY. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E15 EMERGENCY ALARM DOOR HARDWARE PROVIDED & INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING BACK TO NEW SECURITY SYSTEM, COMPLETE WITH FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E16 TELEVISION & MOUNTING FRAME PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL PROVIDE A RECESSED WALL BOX AT APPROXIMATELY +84" A.F.F., AND SHALL COORDINATE EXACT LOCATION WITH OWNER'S INSTALLATION REPRESENTATIVES. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH DUPLEX RECEPTACLE & FINAL TERMINATIONS, TIED INTO NEAREST 120V CIRCUIT. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E17 FLOOR BOX PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH FINAL TERMINATIONS. FLOOR BOX TO HAVE ADEQUATE CAPACITY FOR POWER. COORDINATE EXACT LOCATION WITH LOOSE FURNITURE POWER REQUIREMENTS & ARCHITECT/OWNER PRIOR TO INSTALLATION. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E18 FLOOR BOX PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH FINAL TERMINATIONS. FLOOR BOX TO HAVE ADEQUATE CAPACITY FOR POWER & DATA. COORDINATE EXACT LOCATION WITH LOOSE FURNITURE POWER REQUIREMENTS & ARCHITECT/OWNER PRIOR TO INSTALLATION. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E19 HEAT PUMP UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E20 HEAT PUMP UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #10 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E21 HEAT PUMP UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #6 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E22 DEDICATED OUTSIDE AIR SYSTEM (DOAS) PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 3-PH CIRCUIT, (3) #4 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E23 DEDICATED OUTSIDE AIR SYSTEM (DOAS) PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 3-PH CIRCUIT, (2) #10 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E24 ELECTRIC PREHEAT COIL PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 3-PH CIRCUIT, (3) #3 THHN + GND, COMPLETE WITH NEMA 1 COMBINATION STARTER/DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E25 ELECTRIC PREHEAT COIL PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 3-PH CIRCUIT, (3) #10 THHN + GND, COMPLETE WITH NEMA 1 COMBINATION STARTER/DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E26 ELECTRIC PREHEAT COIL PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 3-PH CIRCUIT, (3) #3/0 THHN + GND, COMPLETE WITH NEMA 1 COMBINATION STARTER/DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E27 WALL CASSETTE UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ROUTE 14/4 POWER/COMMUNICATION CABLING FROM EXTERIOR HEAT PUMP UNIT TO WALL CASSETTE UNIT, COMPLETE WITH A NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E28 HEAT PUMP UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #10 THWN + GND, COMPLETE WITH A NEMA 3R DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E29 ELECTRIC WALL HEATER PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E30 EXHAUST FAN PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHW + GND, COMPLETE WITH NEMA 3R DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E31 LAUNDRY WASHER PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH RECEPTACLE & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E32 LAUNDRY DRYER PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #10 THHN + GND, COMPLETE WITH RECEPTACLE & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E33 LAUNDRY DRYER PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #2 THHN + GND, COMPLETE WITH RECEPTACLE & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E34 KITCHEN SINK, WITH 1/2 HP GARBAGE DISPOSAL, PROVIDED & INSTALLED BY PLUMBING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH UNDER-CABINET GFI DUPLEX RECEPTACLE, UNDER-CABINET SWITCH, & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E35 DISHWASHER, WITH BACKFLOW PREVENTER, PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL RE-USE EXISTING 120V 1-PH CIRCUIT, (2) #12, THHN + GND, COMPLETE WITH GFI DUPLEX RECEPTACLE & WITH FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

ALT.#4

E36 COOLING TOWER PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. FOR FANS, ELECTRICAL CONTRACTOR SHALL PROVIDE (2) 208V 3-PH CIRCUITS, (3) #6 THHW + GND, COMPLETE WITH NEMA 3R DISCONNECT, NEW BREAKER, & FINAL TERMINATIONS. FOR BASIN HEATERS, ELECTRICAL CONTRACTOR SHALL PROVIDE (2) 208V 3-PH CIRCUITS, (3) #6 THHW + GND, COMPLETE WITH NEMA 3R DISCONNECT, NEW BREAKER, & FINAL TERMINATIONS. FOR VIBRATION SWITCHES, ELECTRICAL CONTRACTOR SHALL PROVIDE (2) 120V 1-PH CIRCUITS, (2) #12 THHW + GND, COMPLETE WITH NEMA 3R DISCONNECT, NEW BREAKER, & FINAL TERMINATIONS. ELECTRICAL CONTRACTOR SHALL RE-USE & EXTEND EXISTING CIRCUITS, AS NECESSARY, AND PROVIDE FOR NEW CIRCUITS, AS NECESSARY. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E37 LAUNDRY DRYER BOOSTER FAN, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) # 12 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E38 HOT WATER RETURN IN-LINE PUMP, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY PLUMBING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH NEMA 1 COMBINATION STARTER/DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

AD-03

HEINZ ASSOCIATES, LLC
ARCHITECTURE + ENGINEERING

PROJECT:

GODARE HALL RENOVATIONS

Vincennes University

1401 Parke St.
Vincennes, IN 47591

Project Status

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PROJECT
71GA-26-01
DATE
09/01/2026
COORDINATED BY
EMH
DRAWN BY
NAB
CHECKED BY
EMH

ERIK HEINZ REGISTERED No. 10606123 State of INDIANA PROFESSIONAL ENGINEER

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AD-03	9/21/26	AD-03

DRAWING
FIRST FLOOR ELECTRICAL POWER/SYSTEMS PLAN - SOUTH

PROJECT
GODARE HALL RENOVATIONS

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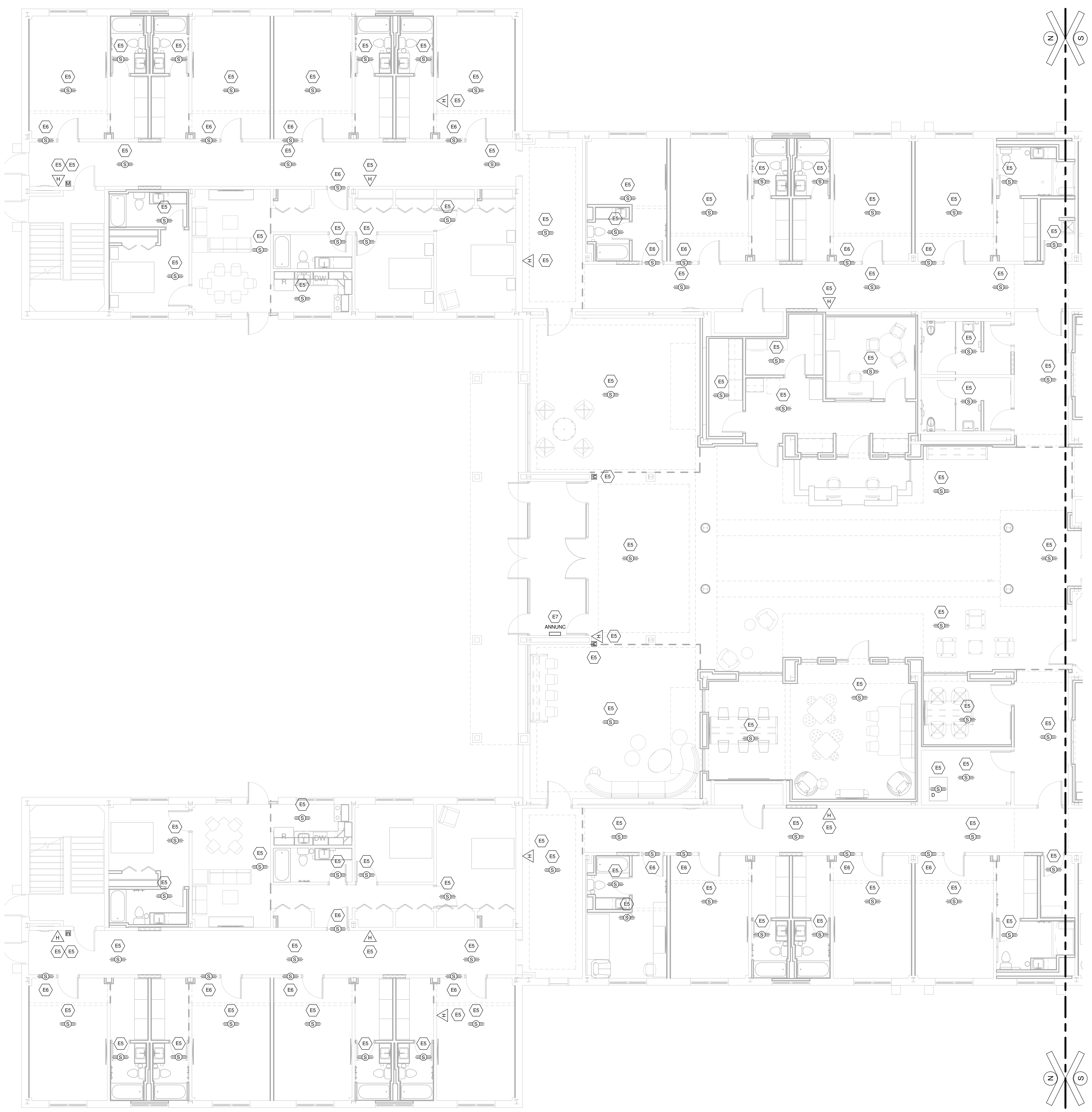

FIRST FLOOR ELECTRICAL FIRE ALARM PLAN - NORTH

1/8" = 1'-0"

GENERAL ELECTRICAL NOTES

G1 ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO CONSTRUCTION.

G2 ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL #AD-100-LEVEL SHEETS, WHICH INDICATE WHERE GENERAL CONTRACTOR IS RESPONSIBLE FOR GYPSUM BOARD WALL, MASONRY, AND/OR BRICK PATCHING & REPAIR.

ALL OTHER CONSTRUCTION AFFECTED BY DEMOLITION WORK SHALL BE PATCHED & REPAIRED BY THE CONTRACTOR WHO INITIATED THE DEMOLITION, U.N.O. PATCHES AND/OR REPAIRS ARE TO MATCH EXISTING CONDITIONS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL SURFACE FINISH.

G3 GENERAL CONTRACTOR SHALL PROVIDE 1/4" GYPSUM BOARD SHEET OVER ALL EXISTING DORMITORY ROOM WALLS & CEILINGS. ALL EXISTING WALLS & CEILINGS AFFECTED BY DEMOLITION WORK SHALL FIRST BE PATCHED & REPAIRED BY THE CONTRACTOR WHO INITIATED THE DEMOLITION, THEN THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE 1/4" GYPSUM BOARD SHEET AND FINAL SURFACE FINISH.

G4 ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL #AD-100-LEVEL SHEETS, WHICH INDICATE WHERE GENERAL CONTRACTOR IS RESPONSIBLE FOR CONCRETE SLAB CUTTING & REMOVAL.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONCRETE SLAB CUTTING & REMOVAL, AND NEW CONCRETE SLAB & FINISH. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION, PIPING INSTALLATION, AND BACKFILLING/COMPACTION UP TO NEW CONCRETE SLAB ELEVATION.

ALL OTHER SLAB CUTTING & REMOVAL SHALL BE PERFORMED BY THE CONTRACTOR WHO REQUIRES THE SLAB CUTTING & REMOVAL.

G5 THROUGH AND MEMBRANE PENETRATIONS IN FIRE-RESISTIVE WALLS & FLOORS SHALL BE FIRESTOPPED IN ACCORDANCE WITH THE INDIANA BUILDING CODE REGULATIONS. IN COMBUSTIBLE CONSTRUCTION, FIREBLOCKING SHALL BE INSTALLED TO CUT OFF CONCEALED DRAFT OPENINGS (BOTH VERTICAL & HORIZONTAL) AND SHALL FORM AN EFFECTIVE BARRIER BETWEEN FLOORS, BETWEEN A TOP STORY AND A ROOF OR ATTIC SPACE. FIREBLOCKING SHALL BE INSTALLED IN LOCATIONS IN ACCORDANCE WITH THE INDIANA BUILDING CODE REGULATIONS. REFER TO ARCHITECTURAL DWGS FOR FURTHER DETAIL.

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KEYED ELECTRICAL NOTES

E1 ELECTRICAL CONTRACTOR SHALL PROVIDE FOR NEW LIGHT SWITCH (GRAY DEVICE WITH STAINLESS STEEL FACE PLATE), RE-CONNECTING INTO EXISTING WIRING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E2 ELECTRICAL CONTRACTOR SHALL DISCONNECT/REMOVE EXISTING LINEAR STRIP LIGHT FIXTURE TO FACILITATE CEILING REMOVAL, THEN RE-INSTALL ON BACK WALL OF ROOM. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E3 PANELBOARD PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

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AD-03

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E9 ELECTRICAL CONTRACTOR SHALL PROVIDE NEW RECEPTACLE AT +18" A.F.F., EXTENDING EXISTING CIRCUIT, AS NECESSARY, TO NEW RECEPTACLE (GRAY DEVICE WITH STAINLESS STEEL FACE PLATE) AT +18" A.F.F. - ALL SPLICES TO BE MADE AT JUNCTION BOX. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E10 EXISTING ADA DOOR PUSH PAD SHALL REMAIN IN PLACE. ELECTRICAL CONTRACTOR SHALL ENSURE ALL POWER & CONTROL WIRING TO DOOR OPERATORS & CONTROLLERS REMAIN OPERATIONAL. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E11 NEW ADA DOOR PUSH PAD PROVIDED & INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER & CONTROL WIRING TO DOOR OPERATORS & CONTROLLERS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E12 KEYFOB CARD READER SHALL REMAIN IN PLACE. ELECTRICAL CONTRACTOR SHALL PROVIDE (1) CAT6E DATA DROP BACK TO NEAREST HUB ROOM, AND ENSURE ALL POWER & CONTROL WIRING TO DOOR OPERATORS & CONTROLLERS REMAIN OPERATIONAL. ELECTRICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING WALL-MOUNT CONDUIT, AND RE-ROUTE WIRING/CABLING INSIDE BRICK WALL. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO PATCH WALL WITH NEW BRICKS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E13 DOORS & DOOR OPERATORS PROVIDED & INSTALLED BY GENERAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, WITH FINAL TERMINATIONS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER, CONTROL, & DATA WIRING TO NEW DOOR OPERATORS, AND SHALL PROVIDE ALL CONDUIT FROM DEVICES TO ABOVE-CEILING CONTROLLER. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E14 HEARING IMPAIRED SYSTEM PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. SYSTEM SHALL BE EDWARDS #7005-G5, WITH HORN/STROBE DEVICE, PUSH BUTTON DEVICE, & TRANSFORMER. ELECTRICAL CONTRACTOR SHALL TIE TRANSFORMER INTO NEAREST 120V CIRCUIT, AND PROVIDE AN ABOVE-CEILING NEMA 1 TOGGLE SWITCH IN CORRIDOR, SO THAT SYSTEM CAN BE DISABLED IF NECESSARY. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E15 EMERGENCY ALARM DOOR HARDWARE PROVIDED & INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING BACK TO NEW SECURITY SYSTEM, COMPLETE WITH FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E16 TELEVISION & MOUNTING FRAME PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL PROVIDE A RECESSED WALL BOX AT APPROXIMATELY +84" A.F.F., AND SHALL COORDINATE EXACT LOCATION WITH OWNER'S INSTALLATION REPRESENTATIVES. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH DUPLEX RECEPTACLE & FINAL TERMINATIONS, TIED INTO NEAREST 120V CIRCUIT. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E17 FLOOR BOX PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH FINAL TERMINATIONS. FLOOR BOX TO HAVE ADEQUATE CAPACITY FOR POWER. COORDINATE EXACT LOCATION WITH LOOSE FURNITURE POWER REQUIREMENTS & ARCHITECT/OWNER PRIOR TO INSTALLATION. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E18 FLOOR BOX PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH FINAL TERMINATIONS. FLOOR BOX TO HAVE ADEQUATE CAPACITY FOR POWER & DATA. COORDINATE EXACT LOCATION WITH LOOSE FURNITURE POWER REQUIREMENTS & ARCHITECT/OWNER PRIOR TO INSTALLATION. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E19 HEAT PUMP UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E20 HEAT PUMP UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #10 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E21 HEAT PUMP UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #6 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E22 DEDICATED OUTSIDE AIR SYSTEM (DOAS) PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 3-PH CIRCUIT, (3) #4 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E23 DEDICATED OUTSIDE AIR SYSTEM (DOAS) PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #10 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E24 ELECTRIC PREHEAT COIL PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 3-PH CIRCUIT, (3) #3 THHN + GND, COMPLETE WITH NEMA 1 COMBINATION STARTER/DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E25 ELECTRIC PREHEAT COIL PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 3-PH CIRCUIT, (3) #10 THHN + GND, COMPLETE WITH NEMA 1 COMBINATION STARTER/DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E26 ELECTRIC PREHEAT COIL PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 3-PH CIRCUIT, (3) #3/0 THHN + GND, COMPLETE WITH NEMA 1 COMBINATION STARTER/DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E27 WALL CASSETTE UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ROUTE 14/4 POWER/COMMUNICATION CABLING FROM EXTERIOR HEAT PUMP UNIT TO WALL CASSETTE UNIT, COMPLETE WITH A NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E28 HEAT PUMP UNIT PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #10 THWN + GND, COMPLETE WITH A NEMA 3R DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E29 ELECTRIC WALL HEATER PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E30 EXHAUST FAN PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHW + GND, COMPLETE WITH NEMA 3R DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E31 LAUNDRY WASHER PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH RECEPTACLE & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E32 LAUNDRY DRYER PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #10 THHN + GND, COMPLETE WITH RECEPTACLE & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E33 LAUNDRY DRYER PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL PROVIDE A 208V 1-PH CIRCUIT, (2) #2 THHN + GND, COMPLETE WITH RECEPTACLE & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E34 KITCHEN SINK, WITH 1/2 HP GARBAGE DISPOSAL, PROVIDED & INSTALLED BY PLUMBING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH UNDER-CABINET GFI DUPLEX RECEPTACLE, UNDER-CABINET SWITCH, & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E35 DISHWASHER, WITH BACKFLOW PREVENTER, PROVIDED & INSTALLED BY OWNER. ELECTRICAL CONTRACTOR SHALL RE-USE EXISTING 120V 1-PH CIRCUIT, (2) #12, THHN + GND, COMPLETE WITH GFI DUPLEX RECEPTACLE & WITH FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

ALT.#4

E36 COOLING TOWER PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. FOR FANS, ELECTRICAL CONTRACTOR SHALL PROVIDE (2) 208V 3-PH CIRCUITS, (3) #6 THHW + GND, COMPLETE WITH NEMA 3R DISCONNECT, NEW BREAKER, & FINAL TERMINATIONS. FOR BASIN HEATERS, ELECTRICAL CONTRACTOR SHALL PROVIDE (2) 208V 3-PH CIRCUITS, (3) #6 THHW + GND, COMPLETE WITH NEMA 3R DISCONNECT, NEW BREAKER, & FINAL TERMINATIONS. FOR VIBRATION SWITCHES, ELECTRICAL CONTRACTOR SHALL PROVIDE (2) 120V 1-PH CIRCUITS, (2) #12 THHW + GND, COMPLETE WITH NEMA 3R DISCONNECT, NEW BREAKER, & FINAL TERMINATIONS. ELECTRICAL CONTRACTOR SHALL RE-USE & EXTEND EXISTING CIRCUITS, AS NECESSARY, AND PROVIDE FOR NEW CIRCUITS, AS NECESSARY. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E37 LAUNDRY DRYER BOOSTER FAN, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH NEMA 1 DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

E38 HOT WATER RETURN IN-LINE PUMP, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY PLUMBING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V 1-PH CIRCUIT, (2) #12 THHN + GND, COMPLETE WITH NEMA 1 COMBINATION STARTER/DISCONNECT & FINAL TERMINATIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

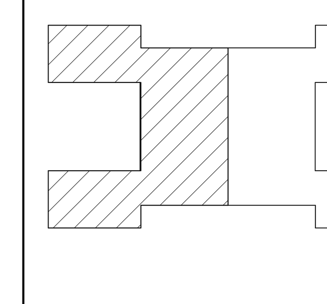
HEINZ ASSOCIATES, LLC
ARCHITECTURE + ENGINEERING

PROJECT:

GODARE HALL RENOVATIONS

Vincennes University

1401 Parke St.
Vincennes, IN 47591



Project Status

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PROJECT
71GA-26-01
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09/01/2026
COORDINATED BY
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DRAWN BY
NAB
CHECKED BY
EMH

ERIK HEINZ REGISTERED No. 10606123 State of INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-03	9/21/26	AD-03

DRAWING
FIRST FLOOR ELECTRICAL FIRE ALARM PLAN - NORTH

PROJECT
GODARE HALL RENOVATIONS

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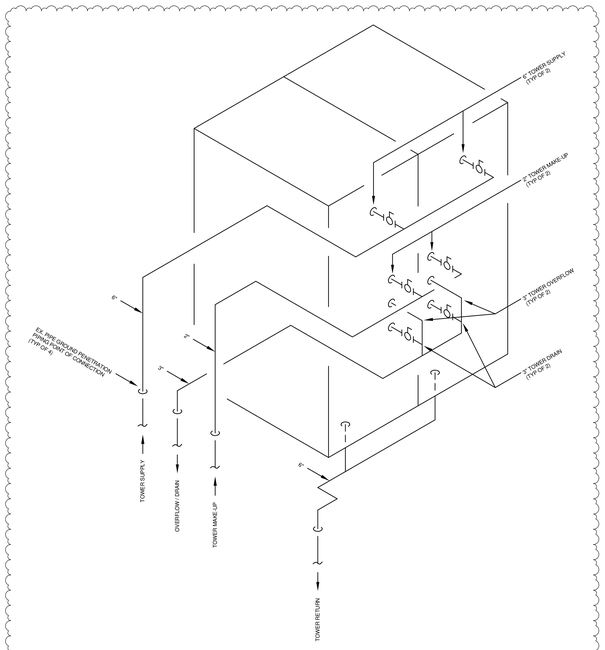
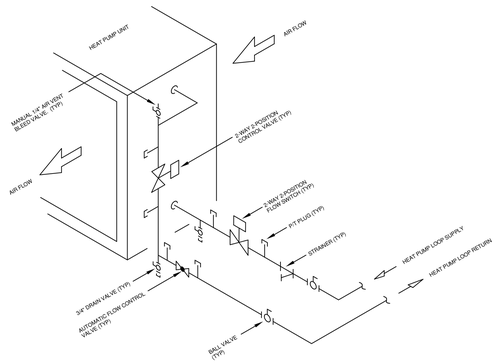


COOLING TOWER PIPING DIAGRAM

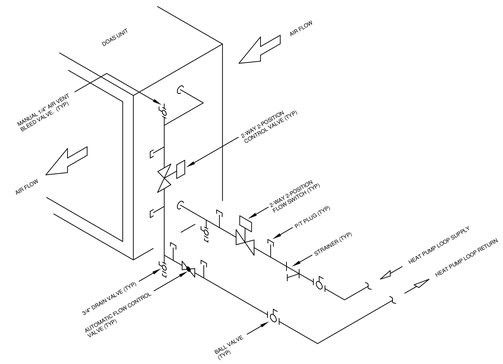
NOTE: CONTRACTOR SHALL PROVIDE (2) 36" PAINTED STEEL W-SECTION BEAMS, FULL LENGTH OF 2-CELL COOLING TOWER.

AD-03



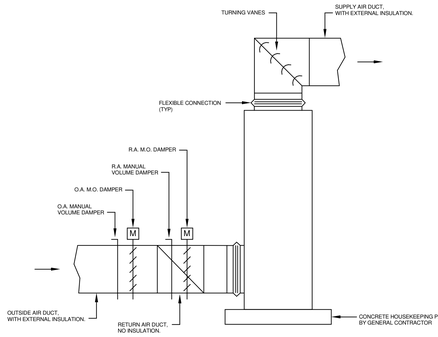
HEAT PUMP UNIT PIPING DIAGRAM

NOTE: 2-WAY, 2-POSITION CONTROL VALVE BY TEMPERATURE CONTROL CONTRACTOR. HEAT PUMP UNIT, ALL PIPING, VALVES, ETC. & COMPLETE INSTALLATION BY MECHANICAL CONTRACTOR.



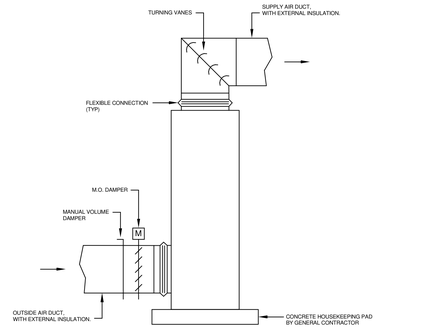
DOAS UNIT PIPING DIAGRAM

NOTE: 2-WAY, 2-POSITION CONTROL VALVE BY TEMPERATURE CONTROL CONTRACTOR. DOAS UNIT, ALL PIPING, VALVES, ETC. & COMPLETE INSTALLATION BY MECHANICAL CONTRACTOR.



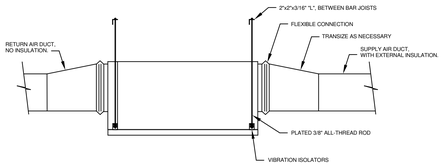
HP-263, HP-364 DETAIL

NOTE: HP UNIT, DUCTWORK, PIPE, VALVES, FITTINGS, ETC. & COMPLETE INSTALLATION BY MECHANICAL CONTRACTOR.



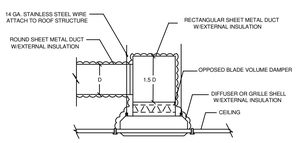
DOAS UNIT DETAIL

NOTE: DOAS UNIT, DUCTWORK, PIPE, VALVES, FITTINGS, ETC. & COMPLETE INSTALLATION BY MECHANICAL CONTRACTOR.



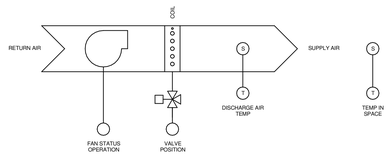
HEAT PUMP UNIT DETAIL

NOTE: HEAT PUMP UNIT, DUCTWORK, PIPE, VALVES, FITTINGS, ETC. & COMPLETE INSTALLATION BY MECHANICAL CONTRACTOR.

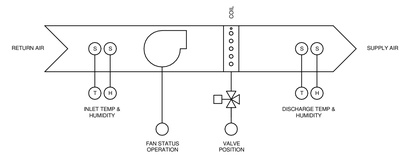


TYPICAL DIFFUSER & GRILLE DETAIL

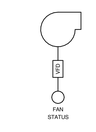
NOTE: ALL MATERIAL & COMPLETE INSTALLATION BY MECHANICAL CONTRACTOR.



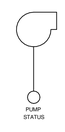
HEAT PUMP UNIT



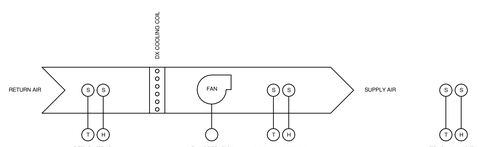
DOAS UNIT



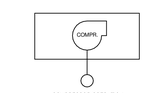
EXHAUST FAN



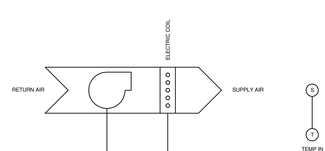
IN-LINE PUMP



WALL CASSETTE UNIT



WALL CASSETTE
HEAT PUMP UNIT



ELECTRIC CABINET HEATER

TEMPERATURE CONTROLS DIAGRAMS

HEINZ ASSOCIATES, LLC
ARCHITECTURE + ENGINEERING

PROJECT:

GODARE HALL RENOVATIONS

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10606123
State of
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PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-03	9/21/26	AD-03

DRAWING
MECHANICAL SCHEDULES, DETAILS, & NOTES

PROJECT
GODARE HALL RENOVATIONS

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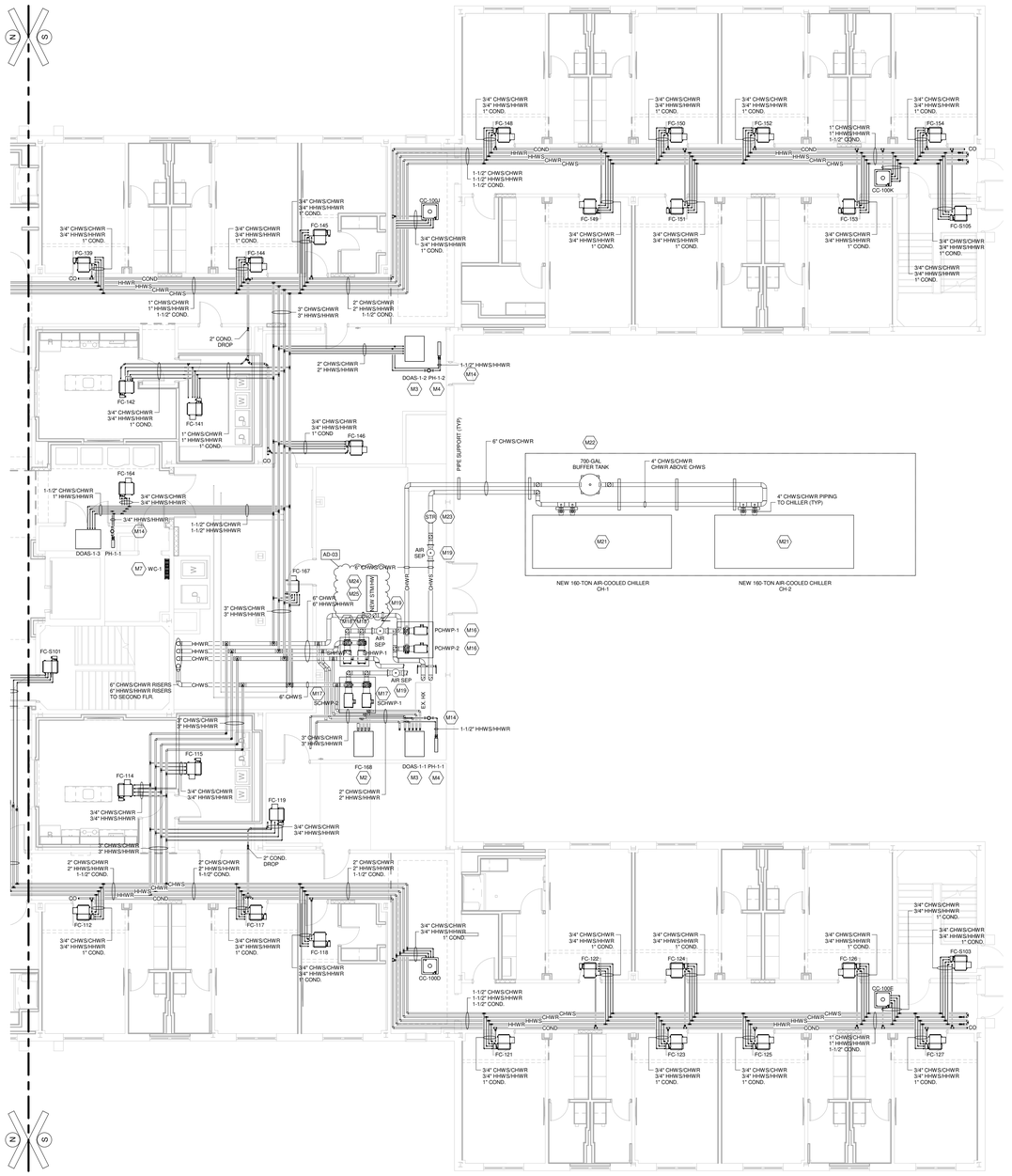

FIRST FLOOR MECHANICAL PIPING PLAN - SOUTH - ALTERNATE

1/8" = 1'-0"

GENERAL MECHANICAL NOTES

G1 MECHANICAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO CONSTRUCTION.

G2 MECHANICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL #AD-100-LEVEL SHEETS, WHICH INDICATE WHERE GENERAL CONTRACTOR IS RESPONSIBLE FOR GYPSUM BOARD WALL, MASONRY, AND/OR BRICK PATCHING & REPAIR.

ALL OTHER CONSTRUCTION AFFECTED BY DEMOLITION WORK SHALL BE PATCHED & REPAIRED BY THE CONTRACTOR WHO INITIATED THE DEMOLITION, U.N.O. PATCHES AND/OR REPAIRS ARE TO MATCH EXISTING CONDITIONS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL SURFACE FINISH.

G3 GENERAL CONTRACTOR SHALL PROVIDE 1/4" GYPSUM BOARD SHEET OVER ALL EXISTING DORMITORY ROOM WALLS & CEILINGS. ALL EXISTING WALLS & CEILINGS AFFECTED BY DEMOLITION WORK SHALL FIRST BE PATCHED & REPAIRED BY THE CONTRACTOR WHO INITIATED THE DEMOLITION, THEN THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE 1/4" GYPSUM BOARD SHEET AND FINAL SURFACE FINISH.

G4 MECHANICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL #AD-100-LEVEL SHEETS, WHICH INDICATE WHERE GENERAL CONTRACTOR IS RESPONSIBLE FOR CONCRETE SLAB CUTTING & REMOVAL.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONCRETE SLAB CUTTING & REMOVAL, AND NEW CONCRETE SLAB & FINISH. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION, PIPING INSTALLATION, AND BACKFILLING/COMPACTION UP TO NEW CONCRETE SLAB ELEVATION.

ALL OTHER SLAB CUTTING & REMOVAL SHALL BE PERFORMED BY THE CONTRACTOR WHO REQUIRES THE SLAB CUTTING & REMOVAL.

G5 ALL DUCTWORK DIMENSIONS ARE CLEAR INSIDE DIMENSIONS. MECHANICAL CONTRACTOR SHALL OVERSIZE DUCTWORK AS NECESSARY, TO ACCOUNT FOR INSULATION/LINERS.

G6 THROUGH AND MEMBRANE PENETRATIONS IN FIRE-RESISTIVE WALLS & FLOORS SHALL BE FIRESTOPPED IN ACCORDANCE WITH THE INDIANA BUILDING CODE REGULATIONS. IN COMBUSTIBLE CONSTRUCTION, FIREBLOCKING SHALL BE INSTALLED TO CUT OFF CONCEALED DRAFT OPENINGS (BOTH VERTICAL & HORIZONTAL) AND SHALL FORM AN EFFECTIVE BARRIER BETWEEN FLOORS, BETWEEN A TOP STORY AND A ROOF OR ATTIC SPACE. FIREBLOCKING SHALL BE INSTALLED IN LOCATIONS IN ACCORDANCE WITH THE INDIANA BUILDING CODE REGULATIONS. REFER TO ARCHITECTURAL DWGS FOR FURTHER DETAIL.

G7 MECHANICAL CONTRACTOR SHALL ENSURE ALL VALVES & FILTERS ARE INSTALLED IN ACCESSIBLE LOCATIONS. PERFORM A WALK-THROUGH WITH OWNER'S REPRESENTATIVES PRIOR TO CEILING INSTALLATION, TO DISCUSS VALVE & FILTER LOCATIONS.

G8 MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE FILTER REPLACEMENT OF ALL UNITS - NEW & EXISTING - UPON DETERMINATION OF SUBSTANTIAL COMPLETION. MECHANICAL CONTRACTOR SHALL ALSO PROVIDE OWNER WITH (1) REPLACEMENT FILTER FOR ALL UNITS - NEW & EXISTING - UPON COMPLETION OF PROJECT.

G9 ALL MECHANICAL EQUIPMENT SHALL BE BACnet COMPATIBLE, AND SHALL BE FURNISHED WITH A BACnet DIAGNOSTIC TOOL.

KEYED MECHANICAL DEMO'LN NOTES

MD1 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING HEAT PUMP UNIT, INCLUDING SUPPLY AIR & RETURN AIR DUCTWORK, SUPPLY AIR DIFFUSERS & RETURN AIR GRILLE, HYDRONIC & CONDENSATE PIPING OUT TO MAINS, AND THERMOSTAT & WIRING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD2 NOT USED.

MD3 NOT USED.

MD4 NOT USED.

MD5 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING AIR HANDLING UNIT, INCLUDING REFRIGERANT LINE SETS, AND THERMOSTAT & WIRING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD6 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING AIR-SOURCE HEAT PUMP UNIT, INCLUDING REFRIGERANT LINE SETS, CONCRETE PAD, & TEMPERATURE CONTROLS WIRING. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL SURFACE RESTORATION. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD7 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING TRANSFER FAN, INCLUDING DUCTWORK & TEMPERATURE CONTROLS. MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING FIRE DAMPER, LEAVING SLEEVE IN PLACE. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD8 MECHANICAL CONTRACTOR SHALL DISCONNECT/REMOVE EXISTING EXHAUST FAN, INCLUDING CURB, ALL IN-BUILDING DUCTWORK & E.A. GRILLES, AND TEMPERATURE CONTROLS. MECHANICAL CONTRACTOR SHALL CLEAN, STRAP TO PALLET, & DELIVERY FANS TO OWNER'S STORAGE FACILITY. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD9 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING DIFFUSER/GRILLE. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD10 MECHANICAL CONTRACTOR SHALL DISCONNECT/REMOVE EXISTING DIFFUSER/GRILLE, AND REPLACE WITH NEW DIFFUSER/GRILLE. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM SIZE PRIOR TO ORDERING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD11 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING EXHAUST FAN, ASSOCIATED DUCTWORK, & WALL CAP. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD12 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING EXHAUST FAN, ASSOCIATED DUCTWORK EXTERIOR WALL BACK TO DRYERS, & WALL CAP. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD13 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING ABANDONED ZONE PUMP, AND REPLACE WITH SPOOL PIECE. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD14 MECHANICAL CONTRACTOR SHALL DISCONNECT/REMOVE EXISTING INTAKE HOOD & ROOF CURB. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD15 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING FLUID COOLER, ALL ASSOCIATED ABOVEGROUND PIPING, & TEMPERATURE CONTROLS. MECHANICAL CONTRACTOR SHALL LEAVE CONCRETE PAD/FOUNDATION IN PLACE. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

MD16 MECHANICAL CONTRACTOR SHALL DEMOLISH/REMOVE EXISTING BASE-MOUNT PUMP, & ALL ASSOCIATED ABOVEGROUND PIPING. MECHANICAL CONTRACTOR SHALL LEAVE CONCRETE PAD/FOUNDATION IN PLACE. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

KEYED MECHANICAL NOTES

M1 FAN COIL UNIT, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. MECHANICAL CONTRACTOR SHALL PROVIDE NEW SUPPLY AIR & RETURN AIR DUCTWORK, DIFFUSERS/GRILLE, 16" x 8" TRANSFER GRILLE SLEEVE WITH 2-HOUR FIRE/SMOKE DAMPER, & HYDRONIC & CONDENSATE PIPING BACK TO NEW MAINS. MECHANICAL CONTRACTOR SHALL PROVIDE NEW THERMOSTAT & NEW WIRING, WITH THERMOSTAT LOCATED ON LATCH SIDE OF DOOR. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M2 FAN COIL UNIT, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. MECHANICAL CONTRACTOR SHALL PROVIDE NEW SUPPLY AIR & RETURN AIR DUCTWORK, DIFFUSERS/GRILLE, & HYDRONIC & CONDENSATE PIPING BACK TO NEW MAINS. MECHANICAL CONTRACTOR SHALL PROVIDE NEW THERMOSTAT & NEW WIRING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M3 DEDICATED OUTSIDE AIR SYSTEM (DOAS), WITH CONCRETE HOUSEKEEPING PAD, MANUAL VOLUME DAMPER, & M.O. DAMPER, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M4 HOT WATER PREHEAT COIL, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M5 CEILING CASSETTE UNIT, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. MECHANICAL CONTRACTOR SHALL PROVIDE HYDRONIC & CONDENSATE PIPING BACK TO NEW MAINS. MECHANICAL CONTRACTOR SHALL PROVIDE NEW THERMOSTAT & NEW WIRING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M6 TRANSFER GRILLE SLEEVE (16" W x 8" H), WITH 2-HOUR FIRE/SMOKE DAMPER, BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M7 WALL CASSETTE UNIT, WITH INTEGRAL CONDENSATE PUMP, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. MECHANICAL CONTRACTOR SHALL PROVIDE THERMOSTAT & WIRING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M8 HEAT PUMP UNIT, WITH ROOF RAILS, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. MECHANICAL CONTRACTOR SHALL PROVIDE FOR INSULATED REFRIGERATION LINE SETS, AS REQUIRED, & CONTROLS WIRING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M9 ELECTRIC CABINET HEATER PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M10 EXHAUST FAN, WITH VFD, M.O. DAMPER & FULL-PERIMETER INSULATED SEISMIC CURB, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. VFD TO BE LOCATED IN THIRD FLOOR MECHANICAL ROOM. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M11 MECHANICAL CONTRACTOR SHALL DISCONNECT/REMOVE EXISTING DIFFUSER/GRILLE, AND REPLACE WITH NEW DIFFUSER/GRILLE. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM SIZE PRIOR TO ORDERING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M12 MECHANICAL CONTRACTOR SHALL PROVIDE FOR NEW DIFFUSER/GRILLE & DUCTWORK, AS SHOWN. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M13 INTAKE/EXHAUST HOOD, WITH FULL-PERIMETER INSULATED SEISMIC CURB, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M14 PRIMARY PREHEAT PUMP, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M15 LAUNDRY EXHAUST FAN, WITH MOUNTING BRACKET, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. MECHANICAL CONTRACTOR SHALL PROVIDE FOR WALL-MOUNT UNIT TRAP, MOUNTED TO LAUNDRY ROOM WALL, ADJACENT TO DRYER. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M16 PRIMARY CHILLED WATER PUMP, WITH VFD & GROUTED BASE, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE & INSTALL VFD, WHILE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL LINE-SIDE & LOAD-SIDE CIRCUITRY, WITH FINAL CONNECTIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M17 SECONDARY CHILLED WATER PUMP, WITH VFD & GROUTED BASE, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE & INSTALL VFD, WHILE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL LINE-SIDE & LOAD-SIDE CIRCUITRY, WITH FINAL CONNECTIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M18 HEATING HOT WATER PUMP, WITH VFD & GROUTED BASE, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE & INSTALL VFD, WHILE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL LINE-SIDE & LOAD-SIDE CIRCUITRY, WITH FINAL CONNECTIONS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M19 AIR SEPARATOR, WITH SPRING ISOLATORS, PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M20 EXPANSION TANK PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M21 AIR-COOLED CHILLER PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M22 700-GALLON HYDRONIC BUFFER TANK PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. MECHANICAL CONTRACTOR SHALL INSULATED TANK, AND ROUTE VENT PIPING TO AIR VENT LOCATED INSIDE BUILDING. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M23 6" BASKET STRAINER PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

AD-03 M24 HEAT EXCHANGER PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

M25 DOMESTIC HEAT EXCHANGER PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE FOR COMPLETE INSTALLATION, AS PER MANUFACTURER'S RECOMMENDATIONS & DETAILS. MECHANICAL CONTRACTOR SHALL PROVIDE DIGITAL MIXING VALVE. COORDINATE INSTALLATION WITH ALL TRADES & OWNER.

HEINZ ASSOCIATES, LLC
ARCHITECTURE + ENGINEERING

PROJECT:

GODARE HALL RENOVATIONS

Vincennes University

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DATE
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REVISIONS

MARK	DATE	ISSUED FOR
AD-03	9/21/26	AD-03

DRAWING
FIRST FLOOR MECHANICAL PIPING PLAN - SOUTH - ALTERNATE

PROJECT
GODARE HALL RENOVATIONS

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SCHEDULE OF FAN COIL UNITS - FIRST FLOOR

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL								HOT WATER COIL (REHEATING)							E.S.P. (IN)	VOLTAGE	FULL-LOAD AMPS	MAXIMUM OVERCURRENT PROTECTION	REMARKS
						TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)					
FC-101	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-102	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-103	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-104	ENVIRO-TEC	VDD	08	800	---	23,530	17,960	4.7	13.3	44.0	54.0	75.0/63.0	54.7/52.9	34,690	3.5	12.6	180.0	160.0	60.0	99.6	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-105	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-106	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-107	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-109	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-110	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-112	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-117	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-118	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-121	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-122	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-123	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-124	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-125	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-126	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-127	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-128	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-129	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-130	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-131	ENVIRO-TEC	VDD	08	800	---	23,530	17,960	4.7	13.3	44.0	54.0	75.0/63.0	54.7/52.9	34,690	3.5	12.6	180.0	160.0	60.0	99.6	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-132	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-133	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-134	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-136	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-137	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-139	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-144	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-145	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-148	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-149	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-150	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-151	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-152	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-153	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-154	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S101	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S102	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S103	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S104	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S105	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-114	ENVIRO-TEC	HLP-D	06	600	---	16,490	13,210	3.4	4.5	44.0	54.0	75.0/63.0	54.9/53.5	31,630	3.2	1.2	180.0	160.0	60.0	108.2	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-115	ENVIRO-TEC	HLP-D	06	600	---	16,490	13,210	3.4	4.5	44.0	54.0	75.0/63.0	54.9/53.5	31,630	3.2	1.2	180.0	160.0	60.0	108.2	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-119	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-141	ENVIRO-TEC	HLP-D	06	600	---	16,490	13,210	3.4	4.5	44.0	54.0	75.0/63.0	54.9/53.5	31,630	3.2	1.2	180.0	160.0	60.0	108.2	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-142	ENVIRO-TEC	HLP-D	06	600	---	16,490	13,210	3.4	4.5	44.0	54.0	75.0/63.0	54.9/53.5	31,630	3.2	1.2	180.0	160.0	60.0	108.2	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-146	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-158	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-159	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-160	ENVIRO-TEC	VDD	20	2,000	---	63,230	47,820	12.6	10.5	44.0	54.0	75.0/63.0	53.4/52.1	89,180	9.1	19.0	180.0	160.0	60.0	101.1	0.50	120V, 1-PH	12.8	25	(1) (2) 6-ROW, 8-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-161	ENVIRO-TEC	HLP-D	02	200	---	6,160	4,650	1.3	15.7	44.0	54.0	75.0/63.0	53.7/52.2	12,370	1.3	0.8	180.0	160.0	60.0	116.6	0.50	120V, 1-PH	2.9	15	(1) (2) 3-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-164	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-167	ENVIRO-TEC	HLP-D	08	800	---	23,530	17,960	4.7	13.3	44.0	54.0	75.0/63.0	54.7/52.9	34,690	3.5	12.6	180.0	160.0	60.0	99.6	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-168	ENVIRO-TEC	VDD	20	2,000	---	63,230	47,820	12.6	10.5	44.0	54.0	75.0/63.0	53.4/52.1	89,180	9.1	19.0	180.0	160.0	60.0	101.1	0.50	120V, 1-PH	12.8	25	(1) (2) 6-ROW, 8-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, BACNET INTERFACE TO BMS, & DIAGNOSTIC TOOL FOR HVAC EQUIPMENT.

(2) PROVIDE WITH NEW THERMOSTAT & CONTROLS WIRING.

SCHEDULE OF DEDICATED OUTSIDE AIR SYSTEM (DOAS) UNITS - FIRST FLOOR

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL								HOT WATER COIL (REHEATING)							E.S.P. (IN)	VOLTAGE	FULL-LOAD AMPS	MAXIMUM OVERCURRENT PROTECTION	REMARKS
						TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)					
DOAS 1-1	ENVIRO-TEC	VDD	20	2,000	2,000	171,890	92,020	34.3	10.6	44.0	54.0	95.0/78.0	54.2/53.5	49,470	5.0	8.2	180.0	160.0	55.0	77.8	1.00	120V, 1-PH	12.8	25	(1) (2) 6-ROW, 12-FPI CLG COIL & 1-ROW, 10-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
DOAS 1-2	ENVIRO-TEC	VDD	20	2,000	2,000	171,890	92,020	34.3	10.6	44.0	54.0	95.0/78.0	54.2/53.5	49,470	5.0	8.2	180.0	160.0	55.0	77.8	1.00	120V, 1-PH	12.8	25	(1) (2) 6-ROW, 12-FPI CLG COIL & 1-ROW, 10-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
DOAS 1-3	ENVIRO-TEC	VDD	08	500	500	43,000	23,240	8.5	3.4	44.0	54.0	95.0/78.0	53.8/53.5	24,690	2.5	6.3	180.0	160.0	55.0	100.5	1.00	120V, 1-PH	7.7	15	(1) (2) 6-ROW, 10-FPI CLG COIL & 1-ROW, 10-FPI HTG COIL, CHILLED / REHEAT ORIENTATION

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, BACNET INTERFACE TO BMS, & DIAGNOSTIC TOOL FOR HVAC EQUIPMENT.

(2) PROVIDE WITH NEW THERMOSTAT & CONTROLS WIRING.

SCHEDULE OF HYDRONIC CEILING CASSETTE UNITS - FIRST FLOOR

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL								HOT WATER COIL (REHEATING)							E.S.P. (IN)	VOLTAGE	FULL-LOAD AMPS	MAXIMUM OVERCURRENT PROTECTION	REMARKS
						TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)					
CC-100A	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-100B	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-100D	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-100E	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-100F	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-100G	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-100J	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-100K	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, BACNET INTERFACE TO BMS, & DIAGNOSTIC TOOL FOR HVAC EQUIPMENT.

(2) PROVIDE WITH NEW THERMOSTAT & CONTROLS WIRING. PROVIDE WITH ELECTRO-MECHANICAL CONTROLS FROM FACTORY.

AD-03

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HEINZ ASSOCIATES, LLC
ARCHITECTURE + ENGINEERING

PROJECT:

GODARE HALL RENOVATIONS

Vincennes University

1401 Parke St.
Vincennes, IN 47591

Project Status

GIBRALTAR DESIGN
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PROJECT
71GA-26-01
DATE
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DRAWN BY
NAB
CHECKED BY
EMH

ERIK HEINZ REGISTERED No. 10606123 State of INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-03	9/21/26	AD-03

DRAWING
MECHANICAL SCHEDULES, DETAILS, & NOTES

PROJECT
GODARE HALL RENOVATIONS

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SHEET
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SCHEDULE OF FAN COIL UNITS - SECOND FLOOR

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL								HOT WATER COIL (REHEATING)							E.S.P. (IN)	VOLTAGE	FULL-LOAD AMPS	MAXIMUM OVERCURRENT PROTECTION	REMARKS
						TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)					
FC-201	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-203	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-204	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-206	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-207	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-208	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-209	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-210	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-211	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-212	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-213	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-215	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-216	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-218	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-219	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-221	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-222	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-224	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-225	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-226	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-227	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-228	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-229	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-230	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-231	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-233	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-234	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-236	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-237	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-238	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-239	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-240	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-241	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-242	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-243	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-244	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-246	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-247	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-248	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-250	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-251	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-253	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-254	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-255	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-256	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-257	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-258	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-259	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S201	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S202	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S203	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S204	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S205	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-245	ENVIRO-TEC	HLP-D	08	800	---	23,530	17,960	4.7	13.3	44.0	54.0	75.0/63.0	54.7/52.9	34,690	3.5	12.6	180.0	160.0	60.0	99.6	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-260	ENVIRO-TEC	HLP-D	08	800	---	23,530	17,960	4.7	13.3	44.0	54.0	75.0/63.0	54.7/52.9	34,690	3.5	12.6	180.0	160.0	60.0	99.6	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-261	ENVIRO-TEC	HLP-D	10	1,200	---	35,800	27,230	7.3	11.8	44.0	54.0	75.0/63.0	54.5/52.7	52,570	5.3	4.9	180.0	160.0	60.0	100.0	0.50	120V, 1-PH	5.8	15	(1) (2) 4-ROW, 14-FPI CLG COIL & 1-ROW, 14-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-262	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-263	ENVIRO-TEC	VDD	10	1,200	---	35,800	27,230	7.3	11.8	44.0	54.0	75.0/63.0	54.5/52.7	52,570	5.3	4.9	180.0	160.0	60.0	100.0	0.50	120V, 1-PH	5.8	15	(1) (2) 4-ROW, 14-FPI CLG COIL & 1-ROW, 14-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-263A	ENVIRO-TEC	HLP-D	06	600	---	16,490	13,210	3.4	4.5	44.0	54.0	75.0/63.0	54.9/53.5	31,630	3.2	1.2	180.0	160.0	60.0	108.2	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-263C	ENVIRO-TEC	HLP-D	06	600	---	16,490	13,210	3.4	4.5	44.0	54.0	75.0/63.0	54.9/53.5	31,630	3.2	1.2	180.0	160.0	60.0	108.2	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-264	ENVIRO-TEC	HLP-D	02	200	---	6,160	4,650	1.3	15.7	44.0	54.0	75.0/63.0	53.7/52.2	12,370	1.3	0.8	180.0	160.0	60.0	116.6	0.50	120V, 1-PH	2.9	15	(1) (2) 3-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-265	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-267	ENVIRO-TEC	HLP-D	06	600	---	16,490	13,210	3.4	4.5	44.0	54.0	75.0/63.0	54.9/53.5	31,630	3.2	1.2	180.0	160.0	60.0	108.2	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-269	ENVIRO-TEC	HLP-D	08	800	---	23,530	17,960	4.7	13.3	44.0	54.0	75.0/63.0	54.7/52.9	34,690	3.5	12.6	180.0	160.0	60.0	99.6	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, BACNET INTERFACE TO BMS, & DIAGNOSTIC TOOL FOR HVAC EQUIPMENT.

(2) PROVIDE WITH NEW THERMOSTAT & CONTROLS WIRING.

SCHEDULE OF DEDICATED OUTSIDE AIR SYSTEM (DOAS) UNITS - SECOND FLOOR

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL								HOT WATER COIL (REHEATING)							E.S.P. (IN)	VOLTAGE	FULL-LOAD AMPS	MAXIMUM OVERCURRENT PROTECTION	REMARKS
						TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)					
DOAS 2-1	ENVIRO-TEC	VDD	20	2,000	2,000	171,890	92,020	34.3	10.6	44.0	54.0	95.0/78.0	54.2/53.5	49,470	5.0	8.2	180.0	160.0	55.0	77.8	1.00	120V, 1-PH	12.8	25	(1) (2) 6-ROW, 12-FPI CLG COIL & 1-ROW, 10-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
DOAS 2-2	ENVIRO-TEC	VDD	20	2,000	2,000	171,890	92,020	34.3	10.6	44.0	54.0	95.0/78.0	54.2/53.5	49,470	5.0	8.2	180.0	160.0	55.0	77.8	1.00	120V, 1-PH	12.8	25	(1) (2) 6-ROW, 12-FPI CLG COIL & 1-ROW, 10-FPI HTG COIL, CHILLED / REHEAT ORIENTATION

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, BACNET INTERFACE TO BMS, & DIAGNOSTIC TOOL FOR HVAC EQUIPMENT.

(2) PROVIDE WITH NEW THERMOSTAT & CONTROLS WIRING.

SCHEDULE OF HYDRONIC CEILING CASSETTE UNITS - SECOND FLOOR

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL								HOT WATER COIL (REHEATING)							E.S.P. (IN)	VOLTAGE	FULL-LOAD AMPS	MAXIMUM OVERCURRENT PROTECTION	REMARKS
						TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)					
CC-200A	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-200C	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-200D	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-200E	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-200G	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-200H	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-200J	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-200L	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-200M	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-200N	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-200Q	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-200R	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.

AD-03

AD-03

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, BACNET INTERFACE TO BMS, & DIAGNOSTIC TOOL FOR HVAC EQUIPMENT.

(2) PROVIDE WITH NEW THERMOSTAT & CONTROLS WIRING. PROVIDE WITH ELECTRO-MECHANICAL CONTROLS FROM FACTORY.

AD-03

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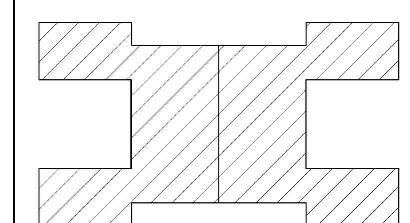
HEINZ ASSOCIATES, LLC
ARCHITECTURE + ENGINEERING

PROJECT:

GODARE HALL RENOVATIONS

Vincennes University

1401 Parke St.
Vincennes, IN 47591



Project Status

GIBRALTAR DESIGN
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PROJECT
71GA-26-01
DATE
09/01/2026
COORDINATED BY
EMH
DRAWN BY
NAB
CHECKED BY
EMH

ERIK HEINZ REGISTERED No. 10606123 State of INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-03	9/21/26	AD-03

DRAWING
MECHANICAL SCHEDULES, DETAILS, & NOTES

PROJECT
GODARE HALL RENOVATIONS

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SHEET
M-502A

SCHEDULE OF FAN COIL UNITS - THIRD FLOOR

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL								HOT WATER COIL (REHEATING)							E.S.P. (IN)	VOLTAGE	FULL-LOAD AMPS	MAXIMUM OVERCURRENT PROTECTION	REMARKS
						TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)					
FC-301	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-303	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-304	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-306	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-307	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-308	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-309	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-310	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-311	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-312	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-313	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-315	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-316	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-318	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-319	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-321	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-322	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-324	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-325	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-326	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-327	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-328	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-329	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-330	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-331	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-333	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-334	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-336	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-337	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-338	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-339	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-340	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-341	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-342	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-343	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-344	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-346	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-347	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-348	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-350	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-351	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-353	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-354	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-355	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-356	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-357	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-358	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-359	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S301	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S302	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S303	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S304	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-S305	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-345	ENVIRO-TEC	HLP-D	08	800	---	23,530	17,960	4.7	13.3	44.0	54.0	75.0/63.0	54.7/52.9	34,690	3.5	12.6	180.0	160.0	60.0	99.6	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-361	ENVIRO-TEC	HLP-D	10	1,200	---	35,800	27,230	7.3	11.8	44.0	54.0	75.0/63.0	54.5/52.7	52,570	5.3	4.9	180.0	160.0	60.0	100.0	0.50	120V, 1-PH	5.8	15	(1) (2) 4-ROW, 14-FPI CLG COIL & 1-ROW, 14-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-362	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-363	ENVIRO-TEC	HLP-D	06	600	---	16,490	13,210	3.4	4.5	44.0	54.0	75.0/63.0	54.9/53.5	31,630	3.2	1.2	180.0	160.0	60.0	108.2	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-363C	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-364	ENVIRO-TEC	VDD	10	1,200	---	35,800	27,230	7.3	11.8	44.0	54.0	75.0/63.0	54.5/52.7	52,570	5.3	4.9	180.0	160.0	60.0	100.0	0.50	120V, 1-PH	5.8	15	(1) (2) 4-ROW, 14-FPI CLG COIL & 1-ROW, 14-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-367	ENVIRO-TEC	HLP-D	02	200	---	6,160	4,650	1.3	15.7	44.0	54.0	75.0/63.0	53.7/52.2	12,370	1.3	0.8	180.0	160.0	60.0	116.6	0.50	120V, 1-PH	2.9	15	(1) (2) 3-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-368	ENVIRO-TEC	HLP-D	03	400	---	11,440	8,950	2.3	10.8	44.0	54.0	75.0/63.0	54.5/53.1	20,350	2.1	2.2	180.0	160.0	60.0	106.7	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
FC-370	ENVIRO-TEC	HLP-D	06	600	---	16,490	13,210	3.4	4.5	44.0	54.0	75.0/63.0	54.9/53.5	31,630	3.2	1.2	180.0	160.0	60.0	108.2	0.50	120V, 1-PH	2.9	15	(1) (2) 4-ROW, 12-FPI CLG COIL & 1-ROW, 12-FPI HTG COIL, CHILLED / REHEAT ORIENTATION

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, BACNET INTERFACE TO BMS, & DIAGNOSTIC TOOL FOR HVAC EQUIPMENT.

(2) PROVIDE WITH NEW THERMOSTAT & CONTROLS WIRING.

SCHEDULE OF DEDICATED OUTSIDE AIR SYSTEM (DOAS) UNITS - THIRD FLOOR

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL								HOT WATER COIL (REHEATING)							E.S.P. (IN)	VOLTAGE	FULL-LOAD AMPS	MAXIMUM OVERCURRENT PROTECTION	REMARKS
						TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)					
DOAS 3-1	ENVIRO-TEC	VDD	20	2,000	2,000	171,890	92,020	34.3	10.6	44.0	54.0	95.0/78.0	54.2/53.5	49,470	5.0	8.2	180.0	160.0	55.0	77.8	1.00	120V, 1-PH	12.8	25	(1) (2) 6-ROW, 12-FPI CLG COIL & 1-ROW, 10-FPI HTG COIL, CHILLED / REHEAT ORIENTATION
DOAS 3-2	ENVIRO-TEC	VDD	20	2,000	2,000	171,890	92,020	34.3	10.6	44.0	54.0	95.0/78.0	54.2/53.5	49,470	5.0	8.2	180.0	160.0	55.0	77.8	1.00	120V, 1-PH	12.8	25	(1) (2) 6-ROW, 12-FPI CLG COIL & 1-ROW, 10-FPI HTG COIL, CHILLED / REHEAT ORIENTATION

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, BACNET INTERFACE TO BMS, & DIAGNOSTIC TOOL FOR HVAC EQUIPMENT.

(2) PROVIDE WITH NEW THERMOSTAT & CONTROLS WIRING.

SCHEDULE OF HYDRONIC CEILING CASSETTE UNITS - THIRD FLOOR

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL								HOT WATER COIL (REHEATING)							E.S.P. (IN)	VOLTAGE	FULL-LOAD AMPS	MAXIMUM OVERCURRENT PROTECTION	REMARKS
						TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)					
CC-300A	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-300C	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-300D	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-300E	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-300G	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-300H	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-300J	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-300L	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-300M	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-300N	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.
CC-300Q	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING. BLACK GRILLE COLOR.
CC-300R	CARRIER	42WKM	08	300	---	5,100	4,500	1.0	---	44.0	54.0	75.0/63.0	---	18,900	1.9	---	180.0	160.0	60.0	---	---	120V, 1-PH	0.70	15	(1) (2) PROVIDE INTEGRAL CONDENSATE PUMP & TUBING.

AD-03

AD-03

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, BACNET INTERFACE TO BMS, & DIAGNOSTIC TOOL FOR HVAC EQUIPMENT.

(2) PROVIDE WITH NEW THERMOSTAT & CONTROLS WIRING. PROVIDE WITH ELECTRO-MECHANICAL CONTROLS FROM FACTORY.

AD-03

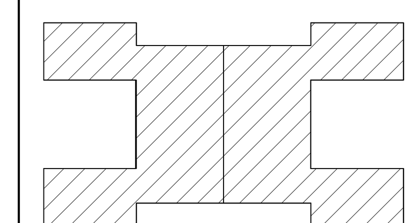
HEINZ ASSOCIATES, LLC
ARCHITECTURE + ENGINEERING

PROJECT:

GODARE HALL RENOVATIONS

Vincennes University

1401 Parke St.
Vincennes, IN 47591



Project Status

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PROJECT
71GA-26-01
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09/01/2026
COORDINATED BY
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NAB
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REGISTERED
No. 10606123
State of INDIANA
PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-03	9/21/26	AD-03

DRAWING
MECHANICAL SCHEDULES, DETAILS, & NOTES

PROJECT
GODARE HALL RENOVATIONS

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AD-03

SCHEDULE OF STEAM PRV'S

MARK	MANUFACTURER	MODEL	Cv	INLET PRESSURE (PSIG)	OUTLET PRESSURE (PSIG)	FLOW RATE (LB/HR)	REMARKS
PRV-1	ARMSTRONG	GP-2000	60.0	60 PSIG	15 PSIG	7,056	2-1/2" EXTERNALLY PILOTED PRV (150#) WITH 8" 150# ORIFICE PLATE (9 HOLES, 31/32")
PRV-2	ARMSTRONG	GP-2000	32.0	60 PSIG	15 PSIG	4,089	2" EXTERNALLY PILOTED PRV (NPT)

SCHEDULE OF STEAM RELIEF VALVES

MARK	MANUFACTURER	MODEL	INLET SIZE (IN)	OUTLET SIZE (IN)	OUTLET PRESSURE (PSIG)	FLOW RATE (LB/HR)	REMARKS
RELIEF	KUNKLE	6252KPM01LS0025	4"	6"	25 PSIG	15,137	

SCHEDULE OF STEAM TRAPS

MARK	MANUFACTURER	MODEL	FLOW RATE (LB/HR)	OUTLET SIZE (IN)	OPERATING PRESSURE (PSIG)	REMARKS
ST-1	ARMSTRONG	811	425	3/4"	125	INVERTED BUCKET STEAM TRAP.
ST-2	ARMSTRONG	15-JD8	34,000	2"	15	ULTRA-CAPACITY, F&T STEAM TRAP, WITH INTEGRAL VACUUM BREAKER.
ST-3	ARMSTRONG	15-JD8	34,000	2"	15	ULTRA-CAPACITY, F&T STEAM TRAP, WITH INTEGRAL VACUUM BREAKER.

SCHEDULE OF STEAM / HOT WATER CONVERTERS

MARK	MANUFACTURER	MODEL	TUBE SIDE (HOT WATER)				SHELL SIDE (STEAM)			REMARKS
			FLOW RATE (GPM)	INLET TEMP. (°F)	OUTLET TEMP. (°F)	PRESS. DROP (FT)	FLOW RATE (LB/HR)	STEAM PRESS. (PSIG)	PRESS. DROP (FT)	
HX-1	THRUSH	TS18-036-210BS	590.0	160.0	180.0	1.26	6044.3	10.0	---	DOUBLE-WALL SHELL & TUBE HEAT EXCHANGER, RATED FOR BUILDING HEAT.
HX-2	ARMSTRONG	DF665DW50	51.0	160.0	180.0	---	2725.0	10.0	---	(1) (2) DOUBLE-WALL SHELL & TUBE HEAT EXCHANGER, RATED FOR DOM. HOT WATER.

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, & BACNET INTERFACE TO BMS.

(2) PROVIDE WITH ARMSTRONG #DRV50 "THE BRAIN" DIGITAL MIXING VALVE, WITH BMS CONTROL.

SCHEDULE OF PUMPS

MARK	MANUFACTURER	MODEL	FLOW RATE (GPM)	HEAD (FT)	POWER (HP)	MOTOR SPEED (RPM)	VOLTAGE	FULL-LOAD AMPS	REMARKS
PCHWP-1	GRUNDFOS	NBS 040-095-4P	708	60	15	1770	208V, 3-PH	---	(1) (2) PRIMARY CHILLED WATER BASE-MOUNT PUMP.
PCHWP-2	GRUNDFOS	NBS 040-095-4P	708	60	15	1770	208V, 3-PH	---	(1) (2) PRIMARY CHILLED WATER BASE-MOUNT PUMP.
SCHWP-1	GRUNDFOS	NBS 040-110-4P	725	95	25	1775	208V, 3-PH	---	(1) (3) SECONDARY CHILLED WATER BASE-MOUNT PUMP.
SCHWP-2	GRUNDFOS	NBS 040-110-4P	725	95	25	1775	208V, 3-PH	---	(1) (3) SECONDARY CHILLED WATER BASE-MOUNT PUMP.
HHWP-1	GRUNDFOS	NBS 040-110-4P	590	80	20	1775	208V, 3-PH	---	(1) (3) HEATING HOT WATER BASE-MOUNT PUMP.
HHWP-2	GRUNDFOS	NBS 040-110-4P	590	80	20	1775	208V, 3-PH	---	(1) (3) HEATING HOT WATER BASE-MOUNT PUMP.
HWP-1-1	GRUNDFOS	UPS 32-160 F	13	40	3/4	---	120V, 1-PH	---	(1) (4) PREHEAT COIL HEATING HOT WATER IN-LINE PUMP.
HWP-1-2	GRUNDFOS	UPS 32-160 F	13	40	3/4	---	120V, 1-PH	---	(1) (4) PREHEAT COIL HEATING HOT WATER IN-LINE PUMP.
HWP-1-3	GRUNDFOS	UPS 32-160 F	3	40	3/4	---	120V, 1-PH	---	(1) (4) PREHEAT COIL HEATING HOT WATER IN-LINE PUMP.
HWP-3-1	GRUNDFOS	UPS 32-160 F	25	40	3/4	---	120V, 1-PH	---	(1) (4) PREHEAT COIL HEATING HOT WATER IN-LINE PUMP.
HWP-3-2	GRUNDFOS	UPS 32-160 F	25	40	3/4	---	120V, 1-PH	---	(1) (4) PREHEAT COIL HEATING HOT WATER IN-LINE PUMP.

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, & BACNET INTERFACE TO BMS.

(2) 30% PROPYLENE GLYCOL.

(3) FURNISH WITH VFD WITH BYPASS, VFD-COMPATIBLE HIGH-EFFICIENCY MOTOR, AEGIS SHAFT GROUNDING SYSTEM, AND GROUTED BASE WITH CONCRETE HOUSEKEEPING PAD.

(4) FURNISH WITH SPRING ISOLATORS.

SCHEDULE OF AIR SEPARATORS

MARK	MANUFACTURER	MODEL	PIPE SIZE (IN)	REC. FLOW (GPM)	VOLUME (GAL)	REMARKS
AS-CH-1	SPIROTHERM	VHT-600FA	6	708	29	AIR ELIMINATOR & DIRT SEPARATOR, COALESCING TYPE, WITH AIR VENT.
AS-CH-2	SPIROTHERM	VHT-600FA	6	725	29	AIR ELIMINATOR & DIRT SEPARATOR, COALESCING TYPE, WITH AIR VENT.
AS-H-1	SPIROTHERM	VDT-600FA	6	590	20	AIR ELIMINATOR & DIRT SEPARATOR, COALESCING TYPE, WITH AIR VENT.

SCHEDULE OF EXPANSION TANKS

MARK	MANUFACTURER	MODEL	VOLUME (GAL)	MAX. PRESSURE (PSI)	MAX. TEMP. (°F)	REMARKS
ET-CH-1	ELBI	HTL-450	120	150	240	ASME SECT. VIII, DIV I. HORIZTL EXPANSION TANK WITH SADDLES.
ET-CH-2	ELBI	HTL-450	120	150	240	ASME SECT. VIII, DIV I. HORIZTL EXPANSION TANK WITH SADDLES.
ET-H-1	ELBI	HTL-800	210	150	240	ASME SECT. VIII, DIV I. HORIZTL EXPANSION TANK WITH SADDLES.

SCHEDULE OF FANS

MARK	MANUFACTURER	MODEL	AIR FLOW (CFM)	MOTOR SPEED (RPM)	BRAKE HORSEPOWER	SOUND (SONES)	E.S.P. (IN)	VOLTAGE	POWER (HP)	REMARKS
EF-1	GREENHECK	G-130	2,000	---	0.58	15.5	1.000	120V, 1-PH	1/2	(1) GENERAL BATHROOM & CUSTODIAL CLOSET EXHAUST FAN. ROOF-MOUNT FAN.
EF-2	GREENHECK	G-130	2,000	---	0.58	15.5	1.000	120V, 1-PH	1/2	(1) GENERAL BATHROOM & CUSTODIAL CLOSET EXHAUST FAN. ROOF-MOUNT FAN.
EF-3	GREENHECK	G-130	2,000	---	0.58	15.5	1.000	120V, 1-PH	1/2	(1) GENERAL BATHROOM & CUSTODIAL CLOSET EXHAUST FAN. ROOF-MOUNT FAN.
EF-4	GREENHECK	G-130	2,000	---	0.58	15.5	1.000	120V, 1-PH	1/2	(1) GENERAL BATHROOM & CUSTODIAL CLOSET EXHAUST FAN. ROOF-MOUNT FAN.
LF-1	VENTS-US	VK 250 PS	750	---	---	10.2	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-2	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-3	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-4	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-5	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-6	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-7	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-8	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-9	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-10	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-11	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-12	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.
LF-13	VENTS-US	VK PS 125	220	---	---	7.1	0.200	120V, 1-PH	---	(2) LAUNDRY DRYER EXHAUST FAN. IN-LINE FAN.

(1) FURNISH WITH VFD, SPEED CONTROLLER, FULL-PERIMETER INSULATED SEISMIC ROOF CURB, BIRDSCREEN, & M.O. DAMPER.

(2) FURNISH WITH PRESSURE SWITCH, MOUNTING BRACKET, BACKDRAFT DAMPER, & VENTS-US WALL-MOUNTED LINT TRAP.

SCHEDULE OF INTAKE / EXHAUST HOODS

SYMBOL	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	INTAKE AREA SQ. FT.	PRESSURE LOSS IN W.C.	REMARKS
IH-1	GREENHECK	GRSI	36	4,000	10.2	MAX 0.10	(1) OUTSIDE AIR INTAKE HOOD.
IH-2	GREENHECK	GRSI	36	4,000	10.2	MAX 0.10	(1) OUTSIDE AIR INTAKE HOOD.
EH-1	GREENHECK	GRSR	20	1,760	---	MAX 0.10	(1) LAUNDRY EXHAUST HOOD.

(1) FURNISH WITH FULL-PERIMETER INSULATED SEISMIC ROOF CURB & BIRDSCREEN.

SCHEDULE OF DIFFUSERS & GRILLES

MARK	MANUFACTURER	MODEL	INLET DIM. SIZE	NOMINAL SIZE	AIR FLOW (CFM)	AIR THROW (FT)	AIR PRESSURE DROP (IN W.C.)	SOUND (NC)	MOUNTING	REMARKS
S1	PRICE	520D	16" x 8"	16" x 8"	325	13-33	0.024	<15	SURFACE	(1)
S2	PRICE	SMD	9" x 9"	15" x 15"	75	6-16	0.036	<15	SURFACE	(2)
S3	PRICE	520D	16" x 8"	16" x 8"	400	16-37	0.038	<15	SURFACE	(1)
S4	PRICE	RCD	8"□	8"□	110	2-4	0.027	<15	SURFACE	(1) CONFIRM SIZE/DIMENSIONS PRIOR TO ORDER.
S5	PRICE	RCD	8"□	8"□	50	2-4	0.027	<15	SURFACE	(1) CONFIRM SIZE/DIMENSIONS PRIOR TO ORDER.
S6	PRICE	SMD	18" x 18"	24" x 24"	500	12-24	0.036	<15	LAY-IN	(2)
S7	PRICE	SMD	18" x 18"	24" x 24"	400	12-24	0.036	<15	LAY-IN	(2)
S8	PRICE	SMD	18" x 18"	24" x 24"	300	12-24	0.036	<15	LAY-IN	(2)
S9	PRICE	SMD	18" x 18"	24" x 24"	200	12-24	0.036	<15	LAY-IN	(2)
S10	PRICE	SMD	18" x 18"	24" x 24"	175	12-24	0.036	<15	LAY-IN	(2)
S11	PRICE	SMD	18" x 18"	24" x 24"	150	12-24	0.036	<15	LAY-IN	(2)
S12	PRICE	SMD	18" x 18"	24" x 24"	100	12-24	0.036	<15	LAY-IN	(2)
S13	PRICE	520D	28" x 12"	28" x 12"	800	20-52	0.024	<15	DUCT	(2)
S14	PRICE	520D	16" x 8"	16" x 8"	400	16-37	0.038	<15	DUCT	(2)
S15	PRICE	---	---	---	240	---	---	---	LAY-IN	(1)
R1	PRICE	80	14" x 8"	14" x 8"	400	---	0.047	<15	SURFACE	CUT DIFFUSER/GRILLE INTO CEILING TILE - NO METAL PLATES.
R2	PRICE	95	36" H x 24" W	36" H x 24" W	2,000	---	0.018	<15	SURFACE	CONFIRM SIZE/DIMENSIONS PRIOR TO ORDER.
R3	PRICE	95	24" H x 20" W	24" H x 20" W	1,200	---	0.018	<15	SURFACE	CONFIRM SIZE/DIMENSIONS PRIOR TO ORDER.
R4	PRICE	95	24" H x 16" W	24" H x 16" W	855	---	0.018	<15	SURFACE	CONFIRM SIZE/DIMENSIONS PRIOR TO ORDER.
R5	PRICE	80	24" x 24"	24" x 24"	1,200	---	0.021	<15	LAY-IN	
R6	PRICE	80	24" x 24"	24" x 24"	800	---	0.013	<15	LAY-IN	
R7	PRICE	80	24" x 24"	24" x 24"	600	---	0.013	<15	LAY-IN	
R8	PRICE	80	24" x 24"	24" x 24"	400	---	0.013	<15	LAY-IN	
R9	PRICE	80	24" x 24"	24" x 24"	200	---	0.013	<15	LAY-IN	
E1	PRICE	80	12" x 12"	12" x 12"	50	---	0.013	<15	SURFACE	(2)
E2	PRICE	510Z	16" x 4"	16" x 4"	75	---	0.012	<15	DUCT	(2)
E3	PRICE	80	12" x 12"	12" x 12"	50	---	0.013	<15	LAY-IN	(2) CUT DIFFUSER/GRILLE INTO CEILING TILE - NO METAL PLATES.

(1) FURNISH WITH INTEGRAL MANUAL VOLUME DAMPER.

(2) FURNISH WITHOUT INTEGRAL MANUAL DAMPER. PROVIDE MANUAL VOLUME DAMPER ON DUCT RUNOUT, FOR EACH SUPPLY DIFFUSER.

SCHEDULE OF ELECTRIC CABINET HEATERS

MARK	MANUFACTURER	MODEL	SIZE	HEATING CAPACITY (BTU/HR)	POWER (WATTS)	VOLTAGE	FULL-LOAD AMPS	REMARKS
EH-1	QMARK	CWH150F	---	5,115	1,500	120V, 1-PH	12.5	SURFACE MOUNT MODEL.

SCHEDULE OF WALL CASSETTE UNITS

MARK	MANUFACTURER	MODEL	SIZE	AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	COOLING COIL			HEATING COIL			E.S.P. (IN)	POWER (WATTS)	VOLTAGE	MIN. CIRCUIT AMPACITY	REMARKS
						TOTAL CAPACITY (BTU/HR)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)	TOTAL CAPACITY (BTU/HR)	ENTR. AIR TEMPERATURE (DB/WB °F)	LVG. AIR TEMPERATURE (DB/WB °F)					
WC-1	LG	LSN120HSV5	120	338	---	13,785	80.0/67.0	--/--	22,178	70.0/60.0	--/--	---	---	120V, 1-PH	---	(1) (2) PROVIDE FOR LOW AMBIENT OPERATION.
WC-2	LG	LSN120HSV5	120	338	---	13,785	80.0/67.0	--/--	22,178	70.0/60.0	--/--	---	---	120V, 1-PH	---	(1) (2) PROVIDE FOR LOW AMBIENT OPERATION.
WC-3	LG	LSN120HSV5	120	338	---	13,785	80.0/67.0	--/--	22,178	70.0/60.0	--/--	---	---	120V, 1-PH	---	(1) (2) PROVIDE FOR LOW AMBIENT OPERATION.

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, & BACNET INTERFACE TO BMS.

(2) FURNISH WITH INTEGRAL CONDENSATE PUMP, WITH PIPE/TUBING ROUTED TO NEAREST DRAIN.

SCHEDULE OF HEAT PUMP UNITS

MARK	MANUFACTURER	MODEL	SIZE	COOLING CAPACITY (BTU/HR)	HEATING CAPACITY (BTU/HR)	VOLTAGE	MIN. CIRCUIT AMPACITY	REMARKS
HP-1	LG	LSU120HSV5	120	13,875	22,178	208V, 1-PH	10	(1) (2) PROVIDE FOR LOW AMBIENT OPERATION.
HP-2	LG	LSU120HSV5	120	13,875	22,178	208V, 1-PH	10	(1) (2) PROVIDE FOR LOW AMBIENT OPERATION.
HP-3	LG	LSU120HSV5	120	13,875	22,178	208V, 1-PH	10	(1) (2) PROVIDE FOR LOW AMBIENT OPERATION.

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, & BACNET INTERFACE TO BMS.

(2) FURNISH WITH INVERTER (VARIABLE SPEED COMPRESSOR) & WIND BAFFLE KIT.

SCHEDULE OF PREHEAT WATER COILS

MARK	MANUFACTURER	SIZE	AIR FLOW (CFM)	HEATING HOT WATER COIL						AIR PRESS. DROP (IN)	REMARKS
				TOTAL CAPACITY (BTU/HR)	WATER FLOW (GPM)	WATER PRESS. DROP (FT)	ENTR. WATER TEMPERATURE (°F)	LVG. WATER TEMPERATURE (°F)	ENTR. AIR TEMPERATURE (°F)	LVG. AIR TEMPERATURE (°F)	
PH-1-1	---	---	2,000	121,000	12.1	---	180.0	160.0	95.0/78.0	<55.0	0.10 MAX
PH-1-2	---	---	2,000	121,000	12.1	---	180.0	160.0	95.0/78.0	<55.0	0.10 MAX
PH-1-3	---	---	500	30,250	3.0	---	180.0	160.0	95.0/78.0	<55.0	0.10 MAX
PH-3-1	---	---	4,000	242,000	24.2	---	180.0	160.0	95.0/78.0	<55.0	0.10 MAX
PH-3-2	---	---	4,000	242,000	24.2	---	180.0	160.0	95.0/78.0	<55.0	0.10 MAX

SCHEDULE OF CHILLERS

MARK	MANUFACTURER	MODEL	CAPACITY (TONS)	EVAPORATOR LEAVING WATER TEMP. (°F)	EVAPORATOR ENTERING WATER TEMP. (°F)	EVAPORATOR FLOW RATE (GPM)	TOTAL PRESS. DROP (FT)	CONDENSER ENTERING AIR TEMP. (°F)	CONDENSER FAN QTY.	CONDENSER AIR FLOW RATE (CFM)	CONDENSER PRESS. DROP (FT)	NPLV (BTUW*HR)	TURNDOWN CAPACITY	COMPRESSOR TYPE	REFRIGERANT	VOLTAGE	MIN. CIRCUIT AMPACITY	SCCR RATING	A-WEIGHTED SOUND POWER LEVELS (dB RE 1 PICOWATT)				REMARKS
																			100% LOAD	75% LOAD	50% LOAD	25% LOAD	
CH-1	QUANTECH	QTC31607SJ17XFB	158.4	42.0	54.0	358.3	32.5	95.0	5 / 5	150,000	---	16.98	--%	VFD SCROLL	R-454B	208V, 3-PH	749.0	65kA	97	93	88	84	(1) (2) (3) (2) INDEPENDENT REFRIGERANT CIRCUITS
CH-2	QUANTECH	QTC31607SJ17XFB	158.4	42.0	54.0	358.3	32.5	95.0	5 / 5	150,000	---	16.98	--%	VFD SCROLL	R-454B	208V, 3-PH	749.0	65kA	97	93	88	84	(1) (2) (3) (2) INDEPENDENT REFRIGERANT CIRCUITS

(1) PROVIDE WITH FACTORY ON-SITE START-UP BY MANUFACTURER'S REPRESENTATIVE, OWNER'S TRAINING, & BACNET INTERFACE TO BMS.

(2) FURNISH WITH SERVICE ISOLATION VALVES, REFRIGERANT PIPING INSULATION, CONTROL TRANSFORMER, CIRCUIT BREAKER DISCONNECT WITH LOCKABLE HANDLE, ACROSS-THE-LINE STARTER, LOW SOUND VARIABLE SPEED CONDENSER FANS, TEAO FAN MOTORS, SC-EQUIP BOARD, ELECTRONIC EXPANSION VALVES, ALUMINUM MCHX COILS, LOW-HIGH AMBIENT KIT, ENCLOSURE COIL TRIM PANELS, AND SECURITY GRILLES WITH HAIL GUARDS.

(3) 30% PROPYLENE GLYCOL.

HEINZ ASSOCIATES, LLC
ARCHITECTURE + ENGINEERING

PROJECT:

GODARE HALL RENOVATIONS

Vincennes University

1401 Parke St.
Vincennes, IN 47591

Project Status

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PROJECT
71GA-26-01
DATE
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COORDINATED BY
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NAB
CHECKED BY
EMH

ERIK M. HEINZ
No. 10606123
State of INDIANA
PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-03	9/21/26	AD-03

DRAWING
MECHANICAL SCHEDULES, DETAILS, & NOTES

PROJECT
GODARE HALL RENOVATIONS

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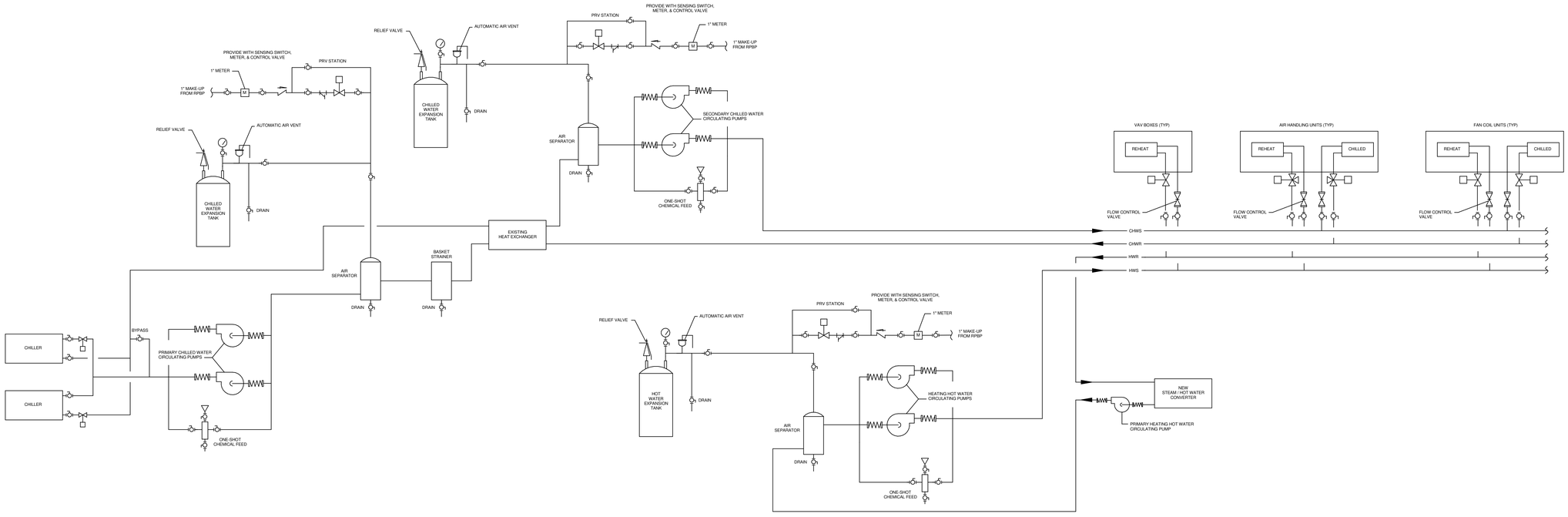
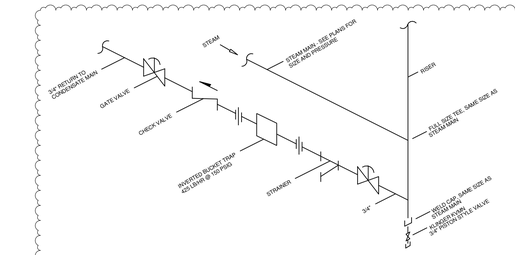


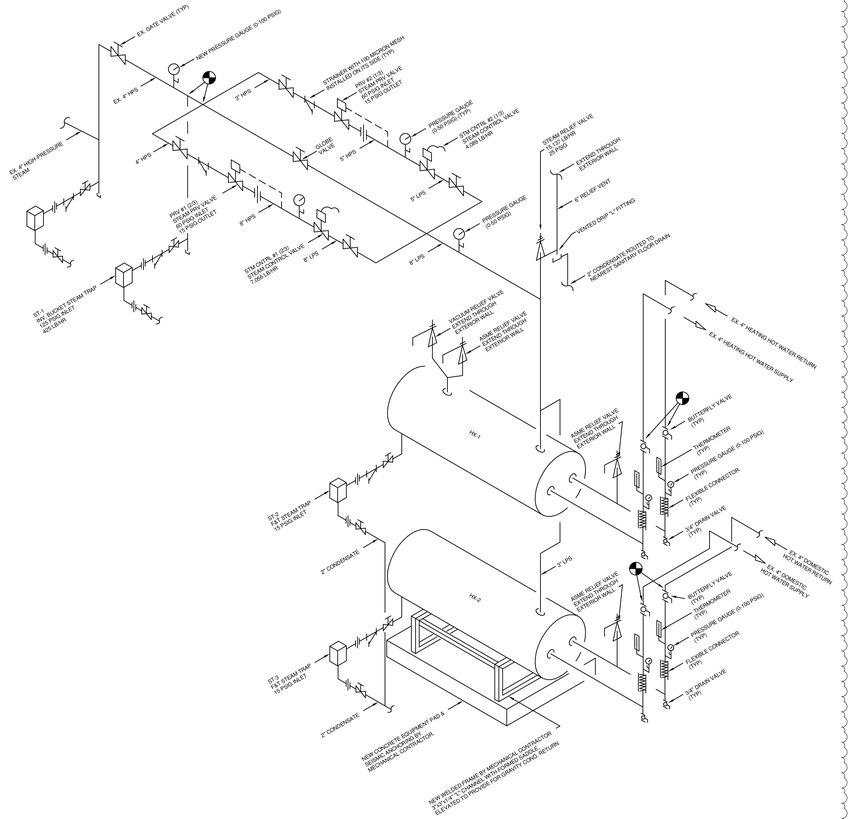
CHILLED & HEATING HOT WATER FLOW DIAGRAM



HPS STEAM RISER / END-OF-MAIN DRIP PIPING DIAGRAM (INSIDE BUILDING)

NOTE: STEAM TRAP, PIPE, VALVES, FITTINGS, ETC. & COMPLETE INSTALLATION BY MECHANICAL CONTRACTOR.

AD-03



STEAM PRV STATION & STEAM / HOT WATER CONVERTER DETAIL

NOTE: STEAM CONTROL VALVE BY TEMPERATURE CONTROLS CONTRACTOR. STEAM/HOT WATER CONVERTERS, PRV'S, RELIEF VALVE, TRAPS, PIPE, VALVES, FITTINGS, ETC. & COMPLETE INSTALLATION BY MECHANICAL CONTRACTOR.

NOTE: PIPING DIAGRAM ABOVE IS SHOWN IN HORIZONTAL PIPING ORIENTATION. VERTICAL (LADDER) ORIENTATION IS ALSO ALLOWED WITH ENGINEER'S PRIOR APPROVAL.

HEINZ ASSOCIATES, LLC
ARCHITECTURE + ENGINEERING

PROJECT:

GODARE HALL RENOVATIONS

Vincennes University

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EMH

ERIK M. HEINZ — No. 10606123 — State of INDIANA — PROFESSIONAL ENGINEER

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