ADDENDUM NO. 1

Mitchell Early Childhood Development Center
Muncie, Indiana

Ball State University Project No. 2019-025.01 MS

Index of Contents

Addendum No. 1, 7 items, 2 pages
Revised Project Manual Sections: 00 43 00 Bid Form Supplements, 01 20 00 – Price and Payment Procedures, and 01 23 00 – Alternates
Revised Drawing Sheets: GD1.02, G2.01, G3.01, AD0.01, AD0.02, A1.01, A1.02, A1.05, A6S.01, A7.01, A7.03, A7S.01, A8.01, A8.02, A8.03, A8S.01, A9.01, PD.01, PD.02, P2.01, P2.02, P2.03, P2.05, MD.01, M2.01, M5.01, ED.1, ED.3, E4.1, E5.1, E5.2, and E5.3

Date: March 26, 2019

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS

William E. Payne, AIA
Indiana Registration No. 4169
TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 1 to Drawings and Project Manual, dated March 15, 2019, for Mitchell Early Childhood Development Center for Facilities Planning & Management Ball State University, 3401 Tillotson Avenue, Muncie, Indiana 47306; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana

This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. PROJECT MANUAL, TABLE OF CONTENTS

A. Page 00 01 10-1, DIVISION 1: Delete Section 01 21 00 - Allowances

ITEM NO. 2. PROJECT MANUAL, SECTION 00 43 00 – BID FORM SUPPLEMENTS (BID-Id)

A. The Bid Form Supplement has been revised for this Project. This revised form, dated 3/26/19, is the applicable form to be used by all bidders and is included with and hereby made a part of this Addendum. Various alternates have been revised and alternate no. 8 added.

These revisions will be reflected on the Bid Forms provided for the convenience of the bidders.

ITEM NO. 3. REVISED PROJECT MANUAL SECTION

A. Section 01 20 00 – Price and Payment Procedures, and 01 23 00 – Alternates have been revised, dated 3/26/19. Revised Section are included with and hereby made a part of this Addendum.

ITEM NO. 4. PROJECT MANUAL, SECTION 01 21 00 - ALLOWANCES

A. Delete this Section in its entirety. Refer to revised Specification Section 01 20 00 – Price and Payment Procedures for Cash Allowance requirements.

ITEM NO. 5. REVISED DRAWING SHEET

A. Drawing Sheets Index, GD1.02, G2.01, G3.01, AD0.01, AD0.02, A1.01, A1.02, A1.05, A6S.01, A7.01, A7.03, A7S.01, A8.01, A8.02, A8.03, A8S.01, A9.01, PD.01, PD.02, P2.01, P2.02, P2.03, P2.05, MD.01, M2.01, M5.01, ED.1, ED.3, E4.1, E5.1, E5.2, and E5.3 have been revised, dated 3/26/19, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.
ITEM NO. 6.  DRAWING SHEET NO. GD1.00

A. A more detailed survey showing the location of underground utilities and topographic data within the project area will be available for the Contractor's use prior to the commencement of construction activities.

ITEM NO. 7.  DRAWING SHEET NO. P2.06

A. Delete this sheet in its entirety.

END OF ADDENDUM
DOCUMENT 00 43 00
BID FORM SUPPLEMENTS (BID-LD)

This form must be submitted with the Bid along with additional copies as requested in the Project Manual.

To: Ball State University Board of Trustees
   Ball State University
   Muncie, IN 47306

Project: Mitchell Early Childhood Development Center

BSU Project No. 2019-025.01 MS

Date:

Submitted by: (Bidder - please print the full name of your Proprietorship, Partnership, or Corporation

(full address)

In accordance with Document 00 21 14 - Instructions to Bidders (AIA A701-2018), we include the Bid Form Supplements Appendices listed below. The information provided shall be considered an integral part of the Bid Form.

These Appendices are as follows:

Appendix A Receipt of Addenda/Project Completion and Liquidated Damages: If applicable, acknowledge receipt of all Addenda and fill in or acknowledge Completion time/Project Schedule, and acknowledge liquidated damages statement.

Appendix B Alternatives: When used, include the Cost variation to the Bid Price applicable to the Work described in the Contract Documents.

Appendix C Unit Prices: When used, include a listing of unit prices specifically requested by the Contract Documents.

Appendix D Principal Subcontractors: When used, include the names of all Primary Subcontractors and the portions of the Work they will perform.

Appendix E Supplementary General Construction Information: When used, list the requested Supplementary General Construction Information.

Appendix F Supplementary Mechanical Information: When used, list the requested Supplementary Mechanical Information.

Appendix G Supplementary Electrical Information: When used, list the requested Supplementary Electrical Information.

Appendix H Supplementary Telecommunication Information: When used, list the requested Supplementary Telecommunication Information.
SUBMITTAL SCHEDULE OF APPENDICES

a. All bidders shall submit with their Bid the following Appendices:
   APPENDIX A – Receipt of Addenda/Project Completion/Liquidated Damages
   APPENDIX B – Alternatives
   APPENDIX C – Unit Prices (Not Applicable)
   APPENDIX D – Principal Subcontractors

b. The Low bidder, and the second and third bidders if requested, shall execute and submit to the Owner
   the remaining SUBCONTRACTOR AND MATERIAL QUESTIONNAIRES.

   Submit to the Owner: Finance Office, 2000 West University Avenue, Muncie, Indiana, 47306; the
   following appendices within forty-eight (48) hours after date and time for receiving bids:

   APPENDIX E – Supplementary General Construction Information
   APPENDIX F – Supplementary Mechanical Information
   APPENDIX G – Supplementary Electrical Information
   APPENDIX H – Supplementary Telecommunication Information

BID FORM SUPPLEMENTS SIGNATURE(S)

________________________________________________________________________________________
(Bidder - please print the full name of your Proprietorship, Partnership, or Corporation)
________________________________________________________________________________________
(Authorized signing officer)
________________________________________________________________________________________
(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF ____________________________ ss: ____________________________ (seal)
COUNTY OF ____________________________

________________________________________ being duly sworn, deposes and says
that he/she is

________________________________________ of the above ____________________________ and that the

(Title) ____________________________ (Name of Organization)

statements contained in the foregoing Bid Form Supplements are true and correct.

Subscribed and sworn to before me this ________________ day of ________________, ____________

________________________________________
Notary Public

My Commission Expires: ____________________________

County of Residence: ____________________________
APPENDIX A - RECEIPT OF ADDENDA/PROJECT COMPLETION

1. ADDENDA

The Bidder acknowledges receipt of the following Addenda:

Addendum No. _______ Dated ______________________
Addendum No. _______ Dated ______________________
Addendum No. _______ Dated ______________________
Addendum No. _______ Dated ______________________
Addendum No. _______ Dated ______________________
Addendum No. _______ Dated ______________________

2. PROJECT COMPLETION

If this Bid is accepted, we will:

Commence on site work on the April 22, 2019 and
Substantially Complete the Work by the July 26, 2019.

3. LIQUIDATED DAMAGES

The Bidder has read Paragraph 2, Appendix A, Bid Form Supplements, Document 00 43 00 and understands the Contract Documents requirements for project schedule and provisions for liquidated damages as set forth in the Agreement Form Supplements (Document 00 54 00), Section 4.5 of Article 4.

(Initialed by signing officer)
APPENDIX B - ALTERNATIVES

The following amounts shall be added to or deducted from the Base Bid Sum. Refer to 01 23 00 - Alternates: Schedule of Alternates.

Alternate No. 1
Hollow Metal Windows, rooms 131 and 131A (Add) (Deduct) $ ______________________

Alternate No. 2.1
Reinstall existing tack boards (Add) (Deduct) $ ______________________

Alternate No. 2.2
Provide new tack boards (Add) (Deduct) $ ______________________

Alternate No. 3
Provide Luxury Vinyl Tile finish floor (Add) (Deduct) $ ______________________

Alternate No. 4
New hollow metal windows, rooms 115, 115 B, 123 and 123B (Add) (Deduct) $ ______________________

Alternate No. 5.1
Mobile cubbie units (Add) (Deduct) $ ______________________

Alternate No. 6
Log Retaining Walls (Add) (Deduct) $ ______________________

Alternate No. 7
Reinforced Concrete Pipe Tunnels (Add) (Deduct) $ ______________________

Alternate No. 8
Provide upgraded LED light fixtures (Add) (Deduct) $ ______________________
APPENDIX C – UNIT PRICES

NOT APPLICABLE
APPENDIX D - PRINCIPAL SUBCONTRACTORS

A. The following Work will be performed (or provided) by subcontractors and their performance of the Work will be coordinated by us:

B. The Bidder will make no changes to this list after submission, without a written request by the bidder and approval by the Owner.

C. Provide additional copies of this page as needed for a complete listing.

D. Indicate YES/NO if Subcontractor is required to be pre-qualified (contract value greater than $300,000). If yes, indicate certification expiration date.

<table>
<thead>
<tr>
<th>WORK SUBJECT</th>
<th>SUBCONTRACTOR</th>
<th>Pre-Qualified</th>
<th>Pre-Qualification Certification Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Division 03 - Concrete</td>
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<tr>
<td>Division 09 - Tiling</td>
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<td>Division 09 - Flooring</td>
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<td>Division 09 - Painting</td>
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<td>Division 11 – Food Service</td>
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<td>Division 22 - Plumbing</td>
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<td>Division 23 - HVAC</td>
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<td>Division 26 - Electrical</td>
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<td>Division 27 - Communications</td>
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<tr>
<td>Division 31-33 - Sitework</td>
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</tbody>
</table>
**APPENDIX E – SUPPLEMENTARY GENERAL CONSTRUCTION INFORMATION**

A. The following Work will be performed (or provided) by subcontractors and their performance of the Work will be coordinated by us:

B. We submit the following list of manufacturers (or fabricators) of materials, applications, and specialties. All such materials, appliances, and specialties to be of such characteristics, design and construction will meet the requirements of the Construction Documents. The Bidder will make no changes to this list after submission, without a written request by the bidder and approval by the Owner.

C. Provide additional copies of this page as needed for a complete listing.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>SUBCONTRACTOR</th>
<th>MANUFACTURER/SUPPLIER</th>
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</thead>
<tbody>
<tr>
<td>06 41 16 – Plastic-Laminate-Faced Architectural Cabinets</td>
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<tr>
<td>07 01 50.91 – Roof Restoration</td>
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<tr>
<td>07 92 00 – Joint Sealants</td>
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<tr>
<td>08 12 13 – Hollow Metal Frames</td>
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<tr>
<td>08 13 16.13 – Aluminum Doors 08 43 13 – Aluminum Framed Storefronts</td>
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<td>08 14 16 – Flush Wood Doors</td>
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<tr>
<td>08 71 00 – Door Hardware</td>
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<tr>
<td>09 21 16 – Gypsum Board Assemblies</td>
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<tr>
<td>09 65 19 – Resilient Tile Flooring</td>
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<tr>
<td>09 68 13 – Tile Carpeting</td>
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<tr>
<td>09 91 23.61 – Interior Painting and Repainting 09 96 00 – High-Performance Coatings</td>
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<tr>
<td>10 11 00 – Visual Display Units</td>
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<tr>
<td>10 28 00 – Toilet, Bath and Laundry Accessories</td>
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</tr>
</tbody>
</table>
APPENDIX F - SUPPLEMENTARY MECHANICAL INFORMATION

A. The following Work will be performed (or provided) by subcontractors and their performance of the Work will be coordinated by us.
B. We submit the following list of manufactures (or fabricators) of materials, applications, and specialties. All such materials, appliances, and specialties to be of such characteristics, design and construction will meet the requirements of the Construction Documents. The Bidder will make no changes to this list after submission, without a written request by the bidder and approval by the Owner.
C. Provide additional copies of this page as needed for a complete listing.

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<tr>
<th>ITEM</th>
<th>SUBCONTRACTOR</th>
<th>MANUFACTURER/SUPPLIER</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 07 00 – Plumbing Insulation</td>
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<tr>
<td>22 40 00 – Plumbing Fixtures</td>
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<td>22 47 00 – Drinking Fountains and Water Coolers</td>
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<td>23 05 93 – Testing, Adjusting, and Balancing for HVAC</td>
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<tr>
<td>23 07 00 – HVAC Insulation</td>
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<tr>
<td>23 09 00 – Instrumentation and Control for HVAC</td>
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<td>23 33 00 – Air Duct Accessories</td>
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<td>23 34 23 – HVAC Power Ventilators</td>
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<tr>
<td>23 37 13 – Diffusers, Registers, and Grilles</td>
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<tr>
<td>23 82 23 – Unit Ventilators</td>
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</tbody>
</table>
APPENDIX G – SUPPLEMENTARY ELECTRICAL AND TELECOMMUNICATIONS INFORMATION

A. The following Work will be performed (or provided) by subcontractors and their performance of the Work will be coordinated by us:

B. We submit the following list of manufactures (or fabricators) of materials, applications, and specialties. All such materials, appliances, and specialties to be of such characteristics, design and construction will meet the requirements of the Construction Documents. The Bidder will make no changes to this list after submission, without a written request by the bidder and approval by the Owner.

C. Provide additional copies of this page as needed for a complete listing.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>SUBCONTRACTOR</th>
<th>MANUFACTURER/SUPPLIER</th>
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</thead>
<tbody>
<tr>
<td>26 09 23 – Lighting Control Devices</td>
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<tr>
<td>26 24 16 – Panelboards</td>
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<td>26 27 26 – Wiring Devices</td>
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<td>26 28 13 - Fuses</td>
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<td>26 28 16 – Enclosed Switches</td>
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<td>26 51 00 – Interior Lighting</td>
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<td>27 15 17 – Communications Copper Horizontal Cabling</td>
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<tr>
<td>28 31 11 - Digital, Addressable, Fire-Alarm System</td>
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</tbody>
</table>
APPENDIX H – SUPPLEMENTARY SITE/CIVIL INFORMATION

A. The following Work will be performed (or provided) by subcontractors and their performance of the Work will be coordinated by us:

B. We submit the following list of manufactures (or fabricators) of materials, applications, and specialties. All such materials, appliances, and specialties to be of such characteristics, design and construction will meet the requirements of the Construction Documents. The Bidder will make no changes to this list after submission, without a written request by the bidder and approval by the Owner.

C. Provide additional copies of this page as needed for a complete listing.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>SUBCONTRACTOR</th>
<th>MANUFACTURER/SUPPLIER</th>
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<tbody>
<tr>
<td>32 18 16 – Playground Surfacing</td>
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<td>32 31 13 – Chain Link Fences and Gates</td>
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<td>32 92 00 – Turf and Grasses</td>
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<td>33 41 01 – Reinforced Concrete Pipe Tunnel</td>
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</tbody>
</table>

END OF SECTION
SECTION 01 20 00
PRICE AND PAYMENT PROCEDURES

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Schedule of values.
B. Applications for payment.
C. Change procedures.
D. Defect assessment.
E. Unit prices.
F. Alternates.
G. Cash Allowances

1.2 SCHEDULE OF VALUES

A. Submit printed schedule on AIA Form G703 - Continuation Sheet for G702.
B. Submit Schedule of Values in duplicate within 7 days after date receipt of Award and Notice to Proceed, or at the Preconstruction Meeting, whichever occurs first.
C. The Schedule of Values shall provide sufficient detail to permit the Owner and Architect to evaluate the cost of Work as it progresses. Revise Schedule of Values as requested by the Owner or Architect.
D. Format: Utilize Table of Contents of this Project Manual. Identify each line item with number and title of each specification section, including Division 01 General Requirements. Organize the schedule by floor level, phase, or other major divisions of Work. Provide separate line items for the following:
   1. Site mobilization.
   2. Bonds.
   3. Insurance.
   4. Labor and Material for each designated item of Work.
   5. Major equipment or material that may be billed as "stored material".
   6. Shop prefabricated assemblies.
E. Include as a separate line item, amount of Allowances specified in this section.
F. Include within each line item, direct proportional amount of Contractor's overhead and profit.
G. Revise schedule to list approved Change Orders, with each Application for Payment. Separate costs of the Change Order by applicable Section reference or Schedule of Values line item(s) and list on a separate line by Change Order number and description, not as a lump sum value.

1.3 APPLICATIONS FOR PAYMENT

A. Submit a draft copy of the Application for Payment to the Owner and Architect a minimum of ten days prior to the due date, for review. Revise Application in accordance with modifications requested after review.

B. Submit four (4) copies of each application on AIA Form G702 - Application and Certificate for Payment and AIA G703 - Continuation Sheet for G702. Each copy shall have original signatures and notary stamp. One copy shall be designated as the “Original”.

C. Content and Format: Utilize Schedule of Values for listing items in Application for Payment.

D. Submit updated construction schedule with each Application for Payment.

E. Payment Period: Submit at intervals stipulated in the Agreement.

F. Submit with transmittal letter as specified for Submittals in Section 01 33 00 - Submittal Procedures.

G. Submit four (4) copies of lien waivers requested by Owner.

H. Substantiating Data: When Architect requires substantiating information, submit data justifying dollar amounts in question. Include the following with Application for Payment:
   1. Partial release of liens from major subcontractors and vendors.
   2. Affidavits, insurance, paid invoices and other information attesting to off-site stored products.
   3. Construction progress schedules, revised and current.

I. Application Preparation: Complete every entry on AIA G702 form, including notarization and execution by person authorized to sign legal documents on behalf of the Contractor. Incomplete applications or those without all other required documents will be returned without action.
   1. Entries shall match data on the Schedule of Values and Project Construction Schedule. Use updated schedules if revisions have been made.
   2. Include amounts of Change Orders issued prior to the last day of the construction period covered by the application.

J. Payment Period and Date: Monthly, or as indicated in the Owner-Contractor Agreement.

K. Application for Payment (Initial): Administrative actions and submittals that must precede submittal of the first Application for Payment include the following:
   1. Schedule of Values.
   2. Contractor's Construction Schedule (current updated version).
   3. Submittal submission schedule.
   4. List of Subcontractors.
   5. List of principal suppliers or fabricators.
7. Schedule of unit prices (if applicable).
8. List of Contractor’s staff assignments.
10. Copies of authorizations and licenses from governing authorities for performance of the Work (as required).
11. Certificates of insurance and insurance policies (to Owner’s Finance Office).
12. Performance and payment bonds (to Owner’s Finance Office).

L. Application for Payment (monthly): Administrative actions and submittals that must be provided with each application for payment include the following:
1. Partial waiver of Lien for the construction period covered by the previous application for payment.
   1. Submit partial waivers on each item for the amount requested, prior to reduction for retainage, on each item.
   2. Submit Waivers of Lien executed by a person authorized to sign legal documents on behalf of the entity submitting the waiver.
2. Contractor’s Construction Schedule (updated version).

M. Application for Payment (at Substantial Completion): Following issuance of the Certificate of Substantial Completion, submit an Application for Payment. (This application shall reflect any Certificates of Partial Substantial Completion issued previously for Owner occupancy of designated portions of the Work). Administrative, other actions and submittals that shall proceed or coincide with this application may include the following and as specifically required in Division 01 of the Project Manual:
1. Occupancy permits and similar approvals.
2. Warranties (guarantees) and maintenance agreements.
3. Test/adjust/balance records.
4. Operation and Maintenance Manuals.
5. Record Documents for review by Owner.
7. Change-over information related to Owner’s occupancy, use, operation and maintenance.
8. Final cleaning.
9. Partial waiver of Lien for the construction period covered by the previous application for payment.
   1. Submit partial waivers on each item for the amount requested, prior to reduction for retainage, on each item.
   2. Submit Waivers of Lien executed by a person authorized to sign legal documents on behalf of the entity submitting the waiver.
10. List of incomplete Work (punchlist items), recognized as exceptions to Architect’s Certificate of Substantial Completion, to be completed.

N. Payment for Application (Final): Administrative actions and submittals which must precede or coincide with submittal of the Final Application for Payment includes the following:
1. Submit final waivers of lien from every Subcontractor and major Supplier involved with performance of Work, and Contractors final waiver of lien.
2. Submit Contractor’s Affidavit of Release of Liens (AIA-G706A).
3. Contractor’s Affidavit Payment of Debts and Claims (AIA-G706).
4. Executed warranties.
5. Completion of Contract Closeout requirements, Section 01 70 0.
6. Completion of punchlist items specified for completion after Substantial Completion.
7. Transmittal of required Project construction records and record documents to Owner.
8. Proof that taxes, fees and similar obligations have been paid.
9. Removal of temporary facilities and services.
11. Change of door locks to Owner’s access.
12. Consent of Surety to Final Payment (AIA-G707).

1.4 CHANGE PROCEDURES

A. Submittals: Submit name of individual authorized to receive change documents, and be responsible for informing others in Contractor's employ or Subcontractors of changes to the Work.

B. Carefully study and compare Contract Documents before proceeding with fabrication and installation of Work. Promptly advise Architect of any error, inconsistency, omission, or apparent discrepancy.

C. Requests for Interpretation (RFI) and Clarifications: Allot time in construction scheduling for liaison with Architect; establish procedures for handling queries and clarifications.
   1. Use AIA G716 - Request for Information or form approved by the Architect, for requesting interpretations.

D. The Architect will advise of minor changes in the Work not involving adjustment to Contract Sum or Contract Time by issuing supplemental instructions on AIA Form G710.

E. The Architect may issue a Proposal Request including a detailed description of proposed change with supplementary or revised Drawings and specifications, a change in Contract Time for executing the change with stipulation of overtime work required and the period of time during which the requested price will be considered valid. Contractor will prepare and submit estimate within seven (7) days.

F. Contractor may propose changes by submitting a request for change to Architect, describing proposed change and its full effect on the Work. Include a statement describing reason for the change, and effect on Contract sum and Contract Time with full documentation.

G. Stipulated Sum Change Order: Based on Proposal Request and Contractor’s fixed price quotation or Contractor’s request for Change Order as approved by Architect.

H. Unit Price Change Order: For contract unit prices and quantities, the Change Order will be executed on fixed unit price basis. For unit costs or quantities of units of work which are not pre-determined, execute Work under Construction Change Directive. Changes in Contract Sum or Contract Time will be computed as specified for Time and Material Change Order.
I. Construction Change Directive Architect may issue directive, on AIA Form G714
Construction Change Directive signed by Owner, instructing Contractor to proceed with
change in the Work, for subsequent inclusion in a Change Order. Document will describe
changes in the Work, and designate method of determining any change in Contract sum
or Contract Time. Promptly execute change.

J. Document each quotation for change in cost or time with sufficient data to allow
evaluation of quotation.

K. Change Order Forms: AIA G701 Change Order.

L. Execution of Change Orders: Architect will issue Change Orders for signatures of parties
as provided in Conditions of the Contract.

M. Correlation Of Contractor Submittals:
1. Promptly revise Schedule of Values and Application for Payment forms to record
each authorized Change Order as separate line item and adjust Contract sum.
2. Promptly revise progress schedules to reflect change in Contract Time, revise
sub-schedules to adjust times for other items of work affected by the change, and
resubmit.
3. Promptly enter changes in Project Record Documents.

1.5 DEFECT ASSESSMENT

A. Replace the Work, or portions of the Work, not conforming to specified requirements.

B. If, in the opinion of the Architect and Owner, it is not practical to remove and replace the
Work, the Architect will direct appropriate remedy or adjust payment.

C. Individual specification sections may modify these options or may identify specific formula
or percentage sum/price reduction.

D. Authority of Architect to assess defects and identify payment adjustments, is final.

E. Non-Payment For Rejected Products: Payment will not be made for rejected products for
any of the following:
1. Products wasted or disposed of in a manner that is not acceptable.
2. Products determined as unacceptable before or after placement.
3. Products not completely unloaded from transporting vehicle.
4. Products placed beyond lines and levels of required Work.
5. Products remaining on hand after completion of the Work.

1.6 ALTERNATES

A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's
option. Accepted Alternates will be identified in Owner-Contractor Agreement. The
Owner-Contractor Agreement may identify certain Alternates to remain an Owner option
for a stipulated period of time.

B. Coordinate related Work and modify surrounding Work. Description for each Alternate is
recognized to be abbreviated but requires that each change shall be complete for scope
of Work affected.
1. Coordinate related requirements among Specification Sections as required.
2. Include as part of each Alternate: Miscellaneous devices, appurtenances, and similar items incidental to or necessary for complete installation.
3. Coordinate Alternate with adjacent Work and modify or adjust as necessary to ensure integration.

1.7 CASH ALLOWANCES

A. Costs Included in Cash Allowances: Cost of product to Contractor or Subcontractor, less applicable trade discounts.

B. Costs Not Included in Cash Allowances But Included in Contract Sum: Product delivery to site and handling at site, including unloading, uncrating, and storage; protection of products from elements and from damage; and labor for installation and finishing.

C. Architect Responsibilities:
   1. Consult with Contractor for consideration and selection of products, suppliers, and installers.
   2. Select products in consultation with Owner and transmit decision to Contractor.
   3. Prepare Change Order.

D. Contractor Responsibilities:
   2. Obtain proposals from suppliers and installers and offer recommendations.
   3. On notification of selection by Owner, execute purchase agreement with designated supplier and installer.
   4. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
   5. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.

E. Differences in costs will be adjusted by Change Order.

F. Allowances Schedule:
   1. Include the stipulated sum of $3,700.00 for purchase, delivery and installation of Site Signage, Monumental Sign).

PART 2 EXECUTION - Not Used

END OF SECTION
SECTION 01 23 00

ALTERNATES

PART 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.

1. 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.

2. Unless explicitly permitted, Alternates shall not adjust the Construction Time of Completion. Costs for additional manpower, overtime, or additional work shifts shall be included in the cost of the Alternate.

1.3 PROCEDURES

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

1. 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. Schedule: A Schedule of Alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.
PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

A. Alternate No. 1
1. Base Bid: No hollow metal windows within new wall.
2. Alternate Bid: Provide new hollow metal windows in new wall between rooms 131 and 131A

B. Alternate No. 2.1:
1. Base Bid: Existing tack board panels to remain in current location.
2. Alternate Bid: Remove and reinstall existing tack board panels to lower height as indicated on the Equipment Drawings.

C. Alternate No. 2.2
1. Base Bid: Existing tack board panels and marker boards to remain in current location.
2. Alternate Bid: Remove existing marker board and tack board units along with all mounting accessories and adhesive. Patch and repair wall surface ready to receive new finishes and equipment. Provide new tack board panels where indicated on the Equipment Drawings.

D. Alternate No. 3:
1. Base Bid: Vinyl Composition Tile finish floor in classrooms as indicated on Drawings.

E. Alternate No. 4:
1. Base Bid: No new hollow metal windows in new wall construction.
2. Alternate Bid: Provide new hollow metal windows between rooms 115 and 115B and 123 and 123B as indicated on Drawing Sheet A1.03.

F. Alternate No. 5:
1. Base Bid: No classroom cubbie storage units.
2. Alternate Bid: Provide new mobile cubbie units for each classroom as indicated on Sheet A7S.01. Rooms 110, 113, 136 137 143 and 145 to have (2) ALT-MC-* mobile units. Rooms 112, 113, 115, 115B, 116, 118, 122, 123 and 123B to have (1) ALT-MC-10 mobile unit.

G. Alternate No. 6:
1. Base Bid: No log retaining walls as shown on sheet G3.01.

H. Alternate No. 7:
1. Base Bid: No reinforced concrete pipe tunnel.
I. Alternate No. 8
   1. Base Bid: No change to light fixtures in room 131
   2. Alternate Bid: Provide upgraded LED light fixtures in Room 131.

END OF SECTION
DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION FOR REQUIREMENTS AND SPECIAL CONDITIONS. CONTRACTOR TO PROVIDE TEMPORARY FENCING INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT NOT EXCLUSIVE OF STRUCTURAL MATERIALS. FINISHED OPENING REQUIRED TO ALLOW FOR 8" (MIN) OF EXISTING CERAMIC TILE BASE (PROTECT DURING CONSTRUCTION) — OWNER TO REMOVE EXISTING FURNITURE / CASEWORK / EQUIPMENT AND CEILING CONNECTION AND REPLACE DURING FINISH UPDATES.

"FLOORING" DENOTES FLOOR COVERING MATERIALS.

EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.

"CEILING" DENOTES CEILING MATERIALS INCLUDING (MIN.) BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB). PATCH WITH NEW CONCRETE TO BE FLUSH WITH MATERIAL.

"TURNED OVER TO THE OWNER" DENOTES: 1) TAG AND IDENTIFY ITEMS: 2) STORE IN AN ORDERLY FASHION IN A LOCATED AREA."
UNIT B - FIRST FLOOR DEMOLITION PLAN

EXISTING WALL BASE AT TERRAZZO

2

SCALE: 6" = 1'-0"
| DOOR NUMBER | DOOR SIZE (WxH) | DOOR TYPE | FRAME | MATERIAL | LOCATION | STILE ELEVATION | STILE REDUCED | TOP PANEL | CASING REDUCED | REMARKS | DOOR NUMBER | DOOR SIZE (WxH) | DOOR TYPE | FRAME | MATERIAL | LOCATION | STILE ELEVATION | STILE REDUCED | TOP PANEL | CASING REDUCED | REMARKS |
|-------------|-----------------|-----------|-------|----------|----------|-----------------|--------------|-----------|--------------|----------|-------------|-----------------|-----------|-------|----------|----------|-----------------|--------------|-----------|--------------|----------|-------|
| 137 A3       | 3'-0" x 7'-2"   | N WD      | EXIST | EXIST    |          | 5 3/4"          | --           | --        | --           | --       | 5 100F       | 143             | 3'-0" x 7'-2" | N WD      | EXIST | EXIST    |          | 5 3/4"          | --           | --        | --           | --       |
| 137 B3       | 3'-0" x 7'-2"   | N WD      | EXIST | EXIST    |          | 5 3/4"          | --           | --        | --           | --       | 5 100B       | 145             | 3'-0" x 7'-2" | N WD      | EXIST | EXIST    |          | 5 3/4"          | --           | --        | --           | --       |
UNIT C - FIRST FLOOR EQUIPMENT PLAN
ADA ACCESSIBLE LAVATORY/SINK (CHILDREN)

**NOT TO SCALE**
- *APPLICABLE FOR GRADES PRE-K THROUGH THIRD Grades*
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS
- PROVIDE A 3" DOUBLE SIDED COAT SIDED COAT SIDED COAT SIDED COAT
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS

ADA ACCESSIBLE SINK GENERAL NOTES AND KEYNOTES

**NOT TO SCALE**
- PROVIDE 3MM VINYL PVC EDGE AT ALL EXPOSED EDGES, UNLESS NOTED OTHERWISE.
- PROVIDE WOOD BLOCKING AS REQUIRED.
- PROVIDE LATCH.
- PROVIDE A 3" DOUBLE-SIDED COAT SIDED COAT SIDED COAT SIDED COAT
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS

ADA ACCESSIBLE SINK (ADULT)

**NOT TO SCALE**
- PROVIDE A 3" DOUBLE-SIDED COAT SIDED COAT SIDED COAT SIDED COAT
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS

ADA ACCESSIBLE LAVATORY GENERAL NOTES AND KEYNOTES

**NOT TO SCALE**
- PROVIDE WOOD BLOCKING AS REQUIRED.
- PROVIDE LATCH.
- PROVIDE A 3" DOUBLE-SIDED COAT SIDED COAT SIDED COAT SIDED COAT
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS

ADA ACCESSIBLE LAVATORY/SINK GENERAL NOTES AND KEYNOTES

**NOT TO SCALE**
- PROVIDE A 3" DOUBLE-SIDED COAT SIDED COAT SIDED COAT SIDED COAT
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS

ADA ACCESSIBLE LAVATORY/SINK (CHILDREN)

**NOT TO SCALE**
- PROVIDE WOOD BLOCKING AS REQUIRED.
- PROVIDE LATCH.
- PROVIDE A 3" DOUBLE-SIDED COAT SIDED COAT SIDED COAT SIDED COAT
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS

ADA ACCESSIBLE SINK (ADULT)

**NOT TO SCALE**
- PROVIDE A 3" DOUBLE-SIDED COAT SIDED COAT SIDED COAT SIDED COAT
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS

ADA ACCESSIBLE LAVATORY (ADULT)

**NOT TO SCALE**
- PROVIDE A 3" DOUBLE-SIDED COAT SIDED COAT SIDED COAT SIDED COAT
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS

ADA ACCESSIBLE LAVATORY/SINK (CHILDREN)

**NOT TO SCALE**
- PROVIDE A 3" DOUBLE-SIDED COAT SIDED COAT SIDED COAT SIDED COAT
- REFER TO EQUIPMENT PLANS AND CASEWORK ELEVATIONS FOR LOCATIONS
EXISTING DOOR FRAME COLOR. PAINT ON ALL FACES.

CONTACT THE ARCHITECT BEFORE PROCEEDING WITH

PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH

GENERAL FINISH NOTES

FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN

PLACE (UNO). NEW WALL FINISHES SHALL BE

TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES.

PAINT ON ALL NEW FACES.

APPLIED AROUND INCLUDE BUT NOT LIMITED TO

SEALANT SHALL BE APPLIED AT ALL MATERIAL

DISSIMILAR MATERIAL.

PAINT CODE #5.12).

APPLIED AROUND THESE ITEMS.

BASEMENT WALL FINISHES SHOWN (PAINT CODE #5.12)

(INSTALLED AROUND THESE ITEMS.

TO RECEIVE NEW FINISHES.

PAINT CODE #5.12).

EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING

EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO

NOT PAINT.

FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY

THERMOSTATS, AND FIRE EXTINGUISHER CABINETS

EXISTING ITEMS TO REMAIN AND NEW FINISHES

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED,

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED,

CLEARANCES AND ALL EXISTING FIELD CONDITIONS

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND

CONSTRUCTION DOCUMENTS SET

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

MITCHELL EARLY

CHILDHOOD AND

FAMILY CENTER

BALL STATE UNIVERSITY

PROJECT NUMBER:

2019-023.01 MS

BALL STATE UNIVERSITY

A8.02

WWW.FHAI.COM

MITCHELL EARLYCHILDHOOD ANDFAMILY CENTER

2805 WEST PURDUE AVENUE

MUNCIE, IN 47304

STATE OF

IN 47304

PROJECT ISSUE DATE: 3/19/19

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UNIT A - FIRST FLOOR FINISH PLAN

2805 WEST PURDUE AVENUE

SCALE: 1/8" = 1'-0"
FLOOR FINISH.

EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO NOT REMOVE. ALL SIDES (VERT. AND HORZ.) OF BULKHEAD TO BE PAINTED TO MATCH EXISTING WALL. BULKHEAD/SOFFIT COLOR INDICATED (UNO).

PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH EXISTING DOOR FRAMES.

PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXISTING TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES.

EXISTING ITEMS TO REMAIN AND NEW FINISHES PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.

PAINT ALL SIDES (VERT. AND HORZ.) OF PLACE (UNO).  NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.

SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES.

PROVIDE LVT-1 IN LEU OF VCT-2.

PROJECT ISSUE DATE: 3/19/19

ROOM LEGEND - FIRST FLOOR UNIT B
ROOM NAME | AREA (SF)
---|---
100 LOBBY | 370 SF
100A CORRIDOR | 885 SF
100BB CORRIDOR | 323 SF
100C CORRIDOR | 286 SF
101 ADMINISTRATION | 369 SF
101A OFFICE | 379 SF
101B OFFICE | 43 SF
101G | 56 SF
101H | 68 SF
101E | 30 SF
101F | 49 SF
101J | 84 SF
131A OBSERVATION | 80 SF
131B OBSERVATION | 81 SF
131C TESTING | 86 SF
131D STAFF | 86 SF
131E MECHANICAL | 24 SF
125 GIRLS | 282 SF
127 BOYS | 252 SF

SCALE: 1/8" = 1'-0"
GENERAL FINISH NOTES

SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES.

EXISTING ITEMS TO REMAIN AND NEW FINISHES E. (PAINT CODE #5.12).

X

9.004

101C

9.004

ALT3

B: RB

101J

- W: P

101L

9.008

4' 0 8' 16' 1/8" = 1'-0"
### FLOOR MATERIALS

**CERAMIC TILE**
- STYLISH VARIATION: SLITigteen, 50% schwarz, 50% natur, 100% rechteckig
- ATLEST MATERIAL/MADE: BY F. SCHMIDT, BERLIN

**LUXURY VPI-FLUXCOEVERS**
- ATLEST MATERIAL/MADE: BY F. SCHMIDT, BERLIN

### BASE MATERIALS

**RESILIENT BASE**
- ATLEST MATERIAL/MADE: BY F. SCHMIDT, BERLIN

### WALL FINISHES

**PAINT**
- ATLEST MATERIAL/MADE: BY F. SCHMIDT, BERLIN

### MISCELLANEOUS FINISHES

### RESILIENT TRANSITION STRIP

### EQUIPMENT MATERIALS

### MATERIAL & FINISH GENERAL NOTES

1. **CARPET**
   - Refer to finishes plan drawings and specifications for materials, patterns and colors.

2. **CERAMIC TILE**
   - Refer to finishes plan drawings and specifications for materials, patterns and colors.

3. **LUXURY VPS-FLUXCOVERS**
   - Refer to finishes plan drawings and specifications for materials, patterns and colors.

4. **RESILIENT BASE**
   - Refer to finishes plan drawings and specifications for materials, patterns and colors.

### PAINT TYPE GENERAL NOTES

1. **INTERIOR PAINT**
   - Colour schemes are specified in finishes plan drawings and specifications.

2. **PAINTED WALLS**
   - Colour schemes are specified in finishes plan drawings and specifications.

3. **PAINTED CEILINGS**
   - Colour schemes are specified in finishes plan drawings and specifications.

### PAINT COLOR GENERAL NOTES

1. **INTERIOR PAINTING**
   - Colour schemes are specified in finishes plan drawings and specifications.

2. **PAINTED WALLS**
   - Colour schemes are specified in finishes plan drawings and specifications.

### EQUIPMENT MATERIAL & FINISH NOTES

1. **HIGH PRESSURE PLASTIC LAMINATE**
   - Colour schemes are specified in finishes plan drawings and specifications.

2. **HIGH PRESSURE PLASTIC LAMINATE CABINETS**
   - Colour schemes are specified in finishes plan drawings and specifications.

3. **INTERIOR MELAMINE**
   - Colour schemes are specified in finishes plan drawings and specifications.

4. **3MM AND 1MM PVC EDGES**
   - Colour schemes are specified in finishes plan drawings and specifications.

5. **PLASTIC TOILET PARTITIONS/COMPARTMENTS**
   - Colour schemes are specified in finishes plan drawings and specifications.

### MATERIAL ABBREVIATION MATERIAL/MANUFACTURER COLOR SELECTION

<table>
<thead>
<tr>
<th>ABBREVIATION</th>
<th>MATERIAL/MANUFACTURER</th>
<th>COLOR SELECTION</th>
</tr>
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<tbody>
<tr>
<td>QTB-1</td>
<td>QUARRY TILE BASE</td>
<td>TO MATCH EXISTING QUARRY TILE FLOOR AND BASE</td>
</tr>
<tr>
<td>TB-1</td>
<td>TACKBOARD/TACKBOARD</td>
<td>TO MATCH EXISTING</td>
</tr>
<tr>
<td>PL-1</td>
<td>PLASTIC LAMINATE</td>
<td>TO MATCH EXISTING</td>
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<tr>
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<td>WOOD FLOOR BASE</td>
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<td>VTS-1</td>
<td>VCT-1</td>
<td>WHITE/GREY 1314</td>
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<td>AWP-1</td>
<td>ARMSTRONG</td>
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<tr>
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<td>TO MATCH JOHNSITE PAINT</td>
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<tr>
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<tr>
<td>PLP-1</td>
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### EQUIPMENT MATERIALS

1. **HIGH PRESSURE PLASTIC LAMINATE**
   - Colour schemes are specified in finishes plan drawings and specifications.

2. **HIGH PRESSURE PLASTIC LAMINATE CABINETS**
   - Colour schemes are specified in finishes plan drawings and specifications.

3. **INTERIOR MELAMINE**
   - Colour schemes are specified in finishes plan drawings and specifications.

4. **3MM AND 1MM PVC EDGES**
   - Colour schemes are specified in finishes plan drawings and specifications.

5. **PLASTIC TOILET PARTITIONS/COMPARTMENTS**
   - Colour schemes are specified in finishes plan drawings and specifications.

### MATERIAL ABBREVIATION MATERIAL/MANUFACTURER COLOR SELECTION

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<tr>
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<td>TO MATCH EXISTING QUARRY TILE FLOOR AND BASE</td>
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<tr>
<td>TB-1</td>
<td>TACKBOARD/TACKBOARD</td>
<td>TO MATCH EXISTING</td>
</tr>
<tr>
<td>PL-1</td>
<td>PLASTIC LAMINATE</td>
<td>TO MATCH EXISTING</td>
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<td>VCT-1</td>
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<td>AWP-1</td>
<td>ARMSTRONG</td>
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<td>MP-1</td>
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<tr>
<td>WTB-1</td>
<td>WOOD WALL SURFACE</td>
<td>TO MATCH EXISTING</td>
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<tr>
<td>PLP-1</td>
<td>PLASTIC LAMINATE</td>
<td>TO MATCH EXISTING</td>
</tr>
</tbody>
</table>
1 REMOVE PIPING BACK TO THIS POINT AND PREPARE FOR NEW CONNECTION.
2 PIPING TO BE REMOVED.
3 EXISTING 2" WATER METER.

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

UNIT A - PLUMBING DEMOLITION FLOOR PLAN

DEMOLITION WATER METER SECTION

UNIT A - DEMO PLAN NOTES
1 REMOVE LAVATORY COMPLETE. (I.E. WASTE, WATER AND VENT PIPING BACK INSIDE CHASE AND PREPARE FOR NEW CONNECTIONS TO NEW FIXTURE. 5 NOT USED. 6 NOT USED.

REV. NO. DESCRIPTION DATE
1 ADD #1 3/26/19
1 ADD #1
1 ADD #1
UNIT B - DEMO PLAN NOTES
1 REMOVE LAVATORY COMPLETE. (I.E. WASTE, WATER AND VENT PIPING BACK INSIDE CHASE AND PREAPARE FOR NEW CONNECTIONS TO NEW FIXTURES. 2 REMOVE EXISTING FIXTURE COMPLETE. (I.E. WASTE, WATER AND VENT PIPING BACK INSIDE CHASE AND PREAPARE FOR NEW CONNECTIONS TO EXISTING FIXTURE. 3 NOT USED.

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

UNIT B - PLUMBING DEMOLITION FLOOR PLAN

REV. NO. DESCRIPTION DATE
1 ADD #1 3/26/19 PD.04
ENLARGED KITCHEN PLUMBING PLAN

GENERAL NOTES:
1. REFER TO KITCHEN DRAWING QF101 FOR MECHANICAL SCHEDULE PLUMBING NOTES.
2. REFER TO KITCHEN PLAN NOTES

KITCHEN PLAN NOTES:
1. REWORK HOT AND COLD WATER FROM BELOW TO CONNECT TO NEW WORK TABLE WITH SINK. EXTEND 2" WASTE FROM SINK TO FLOOR DRAIN. 2 3/4" COLD WATER TO DISHWASHER. EXTEND WASTE LINE FROM DISHWASHER TO EXISTING WASTE. 3 1/2" COLD WATER DOWN TO WATER SOFTENER.

GENERAL NOTE:
REFER TO KITCHEN DRAWING QF101 FOR MECHANICAL SCHEDULE PLUMBING NOTES.

UNIT B - FIRST FLOOR PLUMBING PLAN

ROOM LEGEREND - FIRST FLOOR UNIT B

<table>
<thead>
<tr>
<th>ROOM NO.</th>
<th>ROOM NAME</th>
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<tbody>
<tr>
<td>100</td>
<td>LOBBY</td>
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<tr>
<td>100A</td>
<td>CORRIDOR</td>
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ROOM LEGEREND - FIRST FLOOR UNIT A

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UNIT B - FIRST FLOOR PLUMBING PLAN

REV. NO. DESCRIPTION DATE
1. ADD #1 3/26/19
P2.05
1. ADD #1
1 1/2" HOT AND COLD WATER DOWN. 2" WASTE DOWN, 1 1/2" VENT UP. EXTEND AND FINAL CONNECT TO SINKS. 2 1 1/2" COLD WATER TO WALL TO ACCOMMODATE NEW ROUGH-IN HEIGHT. 5 PROVIDE WALL CLEANOUT 6 CONNECT NEW 2" VENT TO EXISTING 4" VENT THRU ROOF.
MECHANICAL DEMOLITION PLAN - UNIT A

GENERAL MECHANICAL DEMOLITION NOTES:
A. ALL EXISTING MECHANICAL EQUIPMENT AND MATERIALS NOTED TO BE REMOVED SHALL
BE LEGALLY DISPOSED OF ON A DAILY BASIS AND SHALL NOT BE STOCKPILED UNLESS
OTHERWISE NOTED. GENERAL CLEANUP SHALL BE ON A DAILY BASIS.
B. WHERE BUILDING SURFACES, OR ANY ITEMS TO BE REUSED, ARE DAMAGED BY THE
REMOVAL OF OLD WORK, THOSE BUILDING SURFACES OR MATERIALS SHALL BE
REPAIRED, PATCHED AND PAINTED OR REPLACED TO MATCH ADJACENT SURFACES.
C. PROTECT EXISTING RELIEF AIR SYSTEM, EXHAUST SYSTEM, AND ALL UNIT VENTILATOR
SYSTEMS FROM DUST CREATED DURING RENOVATIONS. PLACE FILTER MEDIA OVER
INLETS AND OUTLETS TO PREVENT DUST FROM ENTERING SYSTEMS. USE INSPECTION
SIGN OFF CHECK LISTS FOR WEEKLY INSPECTIONS, OR MORE FREQUENTLY
DEPENDING ON SEVERITY OF DUST CREATION.

MECHANICAL DEMOLITION NOTES:
1. REMOVE EXISTING IN-LINE AIR TRANSFER FAN AND DISPOSE OF OFF SITE.
2. REMOVE EXISTING THERMOSTAT AND WIRING. TURN THERMOSTAT DEVICE OVER TO THE OWNER.
3. NOT USED.
4. EXISTING RELIEF AIR DUCT, INLET, AND FAN TO REMAIN.
5. EXISTING AIR TRANSFER GRILLE TO REMAIN.
6. EXISTING HOT AND CHILLED WATER PIPING TO REMAIN.
7. EXISTING UNIT VENTILATOR AND EXTERIOR WALL LOUVER TO REMAIN.
8. EXISTING CABINET UNIT HEATER TO REMAIN.
9. EXISTING EXHAUST DUCT, CEILING GRILLES, AND FAN TO REMAIN.
10. EXISTING UNIT VENTILATOR TO BE DETACHED FROM WALL AND EXTERIOR WALL LOUVER AND MOVED PLAN NORTH TO ALLOW FOR NEW METAL STUD AND DRYWALL WALL INSTALLATION.

REV. NO. DESCRIPTION DATE
1 ADDENDUM 03/26/2019
1. All loads in excess of 100 lbs may only be hung from the steel joists at the locations indicated with a check mark.

2. All loads will be hung from new joists or from existing joists, when joists are not provided.

3. Space hangers out so that not all hangers are attached to the same joist.

4. Install a drip pan under the roof mounted exhaust fan where there is no duct connection.

---

**AIR TRANSFER ELECTRICAL SCHEDULE**

- **Model:** UV-101
- **Type:** 115/1
- **HP:** 1/3
- **CFM:** 64.89
- **Temp Control:** 4
- **Motor:** 3.9
- **Weight:** 25.73 lbs
- **Quantity:** 6

---

**ARIAL TRANSFER FAN SEQUENCE OF OPERATIONS:**

- **- A.** Automatic occupied operation by local temperature sensor.
- **- B.** Automatic unoccupied operation by local temperature sensor.
- **- C.** Automatic unoccupied operation by local temperature sensor.
- **- D.** Automatic unoccupied operation by local temperature sensor.
- **- E.** Automatic unoccupied operation by local temperature sensor.
- **- F.** Automatic unoccupied operation by local temperature sensor.
- **- G.** Automatic unoccupied operation by local temperature sensor.
- **- H.** Automatic unoccupied operation by local temperature sensor.

---

**UNIT VENTILATOR SCHEDULE - 2 PIPE FACE & BYPASS CONTROL**

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**Mechanical Schedules and Details**

- **M5.01**
UNIT C - FIRST FLOOR DEMOLITION PLAN

ED.3

ROOM LEGEND - FIRST FLOOR UNIT C

ROOM NO. | ROOM NAME | AREA (SF) | UNIT
--- | --- | --- | ---
100B | CORRIDOR | 1674 SF | UNIT C
1087 | PRE-K | 1087 SF | UNIT C
111 | TEACHER WORKROOM | 946 SF | UNIT C
112 | UPPER TODDLER | 897 SF | UNIT C
113 | INFANT/TODDLER | 535 SF | UNIT C
115B | TOILET | 23 SF | UNIT C
123A | CLOSET | 11 SF | UNIT C
123B | INFANT/TODDLER | 535 SF | UNIT C
123C | TOILET | 23 SF | UNIT C
123D | TOILET | 30 SF | UNIT C

KEYNOTES

D1 REMOVE THE EXISTING SURFACE RACEWAY AND RECEPTACLES TO THE LOCATION INDICATED (PAST THE RECEPTACLE AND DATA CENTER). INSTALL THE NEW RECEPTACLE AND DATA CENTER IN THIS LOCATION. REFER TO THE POWER PLANT FOR ADDITIONAL INFORMATION.

D25 EXISTING TOGGLE SWITCHES TO BE REPLACED WITH NEW TOGGLE SWITCHES, MATCH THE EXISTING COLOR AND COVERPLATE FINISH.
1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD.

2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING EQUIPMENT DRAWINGS AND THIS DRAWING.

3. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE INSIDE COVER OF EACH COVER PLATE WITH A PERMANENT MARKER.

4. PROVIDE A LABEL ON EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER.

5. PROVIDE A LABEL ON EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER.

6. PROVIDE A LABEL ON EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER.

7. PROVIDE A LABEL ON EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER.

8. REFER TO THE FOOD SERVICE DRAWINGS FOR ADDITIONAL ELECTRICAL.

9. REFER TO THE FOOD SERVICE DRAWINGS FOR ADDITIONAL ELECTRICAL.

10. REFER TO THE FOOD SERVICE DRAWINGS FOR ADDITIONAL ELECTRICAL.

11. REFER TO THE FOOD SERVICE DRAWINGS FOR ADDITIONAL ELECTRICAL.

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39. REFER TO THE FOOD SERVICE DRAWINGS FOR ADDITIONAL ELECTRICAL.

40. REFER TO THE FOOD SERVICE DRAWINGS FOR ADDITIONAL ELECTRICAL.
ADDED OR MODIFIED DURING CONSTRUCTION. UNUSED SPARE BREAKERS SHALL BE
CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE
3#6,1#10,3/4"C.
K- 1
K- 3,5,7
101A
GF
K- 8,10,12
104A
AC1-10
F
K-11,13 (208V/1) K-15 (120V) K-17 (120V) K-19 (120V)
104D 104E
GF
+48" K- 23
F

EXISTING
EXISTING
EXISTING
EXISTING

Existing Fire Alarm Plan

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### Panel Details

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### Project Information

- **Project Name:** Mitchell Early Childhood and Family Center
- **Project Number:** 2019-025.01 MS
- **Address:** 2081 West Purdue Avenue, Muncie, IN 47304
- **Ball State University**

---

### General Notes - Power

1. REFER TO THE FOOD SERVICE DRAWINGS FOR ADDITIONALELECTRICAL
2. CONSIDERATION OF EXISTING ITEMS SUCH AS LIGHTING AND RECEPTACLES.
3. PROVIDE A COMPLETE AND ACCURATE CONSTRUCTION MANAGEMENT
   PLAN.
4. THE BELOW INFORMATION IS FOR THE ENCLOSED ELECTRICAL PLAN.
5. COMPLIANCE WITH THE REQUIREMENTS OF THE LOCAL CODES.
6. PROVIDE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
   REQUIREMENTS.
7. THE ATTACHED DRAWINGS PROVIDE THE LOCATION OF THE ELECTRICAL
   SERVICE METER AND PANELS.
8. CONSIDERATION OF THE EXISTING DEVICE COLOR AND LOCATION.
9. PROVIDE A COMPLETE AND ACCURATE CONSTRUCTION MANAGEMENT
   PLAN.
10. PROVIDE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
    REQUIREMENTS.