

ADDENDUM NO. 1

RE: Indiana University
Disability Services for Students Wells Library
Bloomington, IN

Project Number: IU Project No. 20128037
KDS No. 2012-03

Date: May 24, 2012

From: Kirkwood Design Studio, P.C.
113 E. 6th Street
Bloomington, IN 47408

To: Bidders

This Addendum modifies the Bidding Documents dated May 1, 2012 and will become part of the Contract Documents. Acknowledge receipt of this Addendum on Bid Form. Failure to do so may subject the Bidder to disqualification.

GENERAL CLARIFICATIONS:

1. Contractor access to the project site will be according to Wells Library hours as posted on website www.libraries.iub.edu.
2. There are no restricted times for jobsite noise.
3. The schedule for the ADA Ramp and Re-Grading project at Wells Library South Entry has not been determined and is not currently out to bid. Loading dock access will be available.
4. The ADA elevator which has a stop at the ground floor will be available for construction use. However, due to the size of the elevator, large items will need to be carried up through the stair.
5. Access from the elevators and to the exit stairs for the rest of the third floor must be maintained throughout the project. The Owner will work with the Contractor to coordinate this access.
6. Reference attached Pre-Bid Meeting Notes and Pre-Bid Sign-In Sheet dated May 18, 2012.
7. Alternate Bid No. 1 concerns the addition of door #018.

CHANGES TO BIDDING REQUIREMENTS, CONTRACT FORMS AND CONTRACT CONDITIONS:

1. Document 02 BID FORM
 - a. Replace pages 3 & 4 with attached pages to revise Alternate No. 5 and add Alternate No. 6. Work previously described in Alternate No. 5 to widen door opening between #049K and #099B to become part of the base bid.
2. Document 03 WAGE SCALE
 - a. Add attached Common Construction Wage Scale dated April 17, 2012.

CHANGES TO SPECIFICATIONS:

1. Section 011000- SUMMARY

a. Revise subparagraph 1.4.B. to read "Preferred date of Substantial Completion is July 16, 2012."

2. Section 012300 – ALTERNATES

Revise part 3.1 Schedule of Alternates to read:

E. ALTERNATE BID NO 4: The amount to add or deduct from the Base Bid to provide rubber tile flooring in lieu of carpet in the Disability Services for Students suite #302.

F. ALTERNATE BID NO 5: The amount to add or deduct from the Base Bid to provide new hardware set #13 for ten (10) remaining doors in Stair 399D. Doors to be painted.

3. Section 064023 – INTERIOR ARCHITECTURAL WOODWORK

a. Revise subparagraph 2.6.F. to read:

2. Surfaces other than Drawer Bodies: High Pressure Decorative Laminate, Grade VGS.

a. Edges of Plastic Laminate Shelves: PVC edge banding 0.12 inch thick, matching laminate in color, pattern and finish.

4. Section 081113 – HOLLOW METAL DOORS & FRAMES

b. Knock-down frames may be used if corners are field-welded.

5. Section 087100 – FINISH HARDWARE

a. Revise Set #10 to add "All material furnished by Finish Hardware Section 087100 listed below. Installation by General Contractor."

b. Revise Set #10 to read "2 Electric Latch Retraction on new EL3547A-L ..." in lieu of "2 Electric Latch Retraction on new 3547A-L ..."

c. Revise Set #10 to read "2 Actuators (hard wired)" in lieu of "2 Actuators (wireless)."

d. Revise Set #11 to read:

SET #11

2 Actuators (hard wired)	The Ingress'R' – 36"	Dark Bronze	WK
2 Motion Sensors	DK-12	BEA	

e. Add Set #12 to read:

SET #12

1 Set - Head & Jamb Smoke Seals	5050		NA
1 Vertical Edge Smoke Seal	5070		NA
1 Closer	4041 CUSH		LCN
1 Exit Device	99L-F-BE	Dark Bronze	VO

f. Add Set #13 to read:

SET #13

1 Closer	4041 CUSH		LCN
1 Exit Device	99L-F-BE	Dark Bronze	VO

6. Section 087113- AUTOMATIC DOOR OPERATORS

- a. Add subparagraph 1.2.A.3 to read, "Reference Finish Hardware Section 087100 Sets 10 & 11. Hardware furnished under Section 087100 to be installed by General Contractor."
- b. Revise 2.1 to read: "AUTOMATIC DOOR OPERATORS (Furnished under Finish Hardware Section 087100 to be installed by General Contractor) "

7. Section 092216 – NON-STRUCTURAL FRAMING

- a. Revise subparagraph 2.2.F to read "Cold-Rolled Channels: 0.05238 inch bare steel thickness with min ½" inch wide flanges" in lieu of "Cold-Rolled Channels: 0.05238 inch bare steel thickness with min ½" inch wide flanges, ¾ inch deep."

8. Section 092900 – GYPSUM BOARD

- a. Revise subparagraph 2.1.B to read, "Type X, fire-resistant rated."

9. Section 093000 – TILING

- a. Delete paragraph 2.2.A in its entirety.
- b. Revise paragraph 2.2. B to read:
 - B. Unglazed Ceramic Tile
 - 3. Basis-of-Design Product: Daltile Keystones, Price Group 1
 - 4. Composition: Porcelain
 - 5. Module size: 3 by 3 inches
 - 6. Thickness: ¼ inch
 - 7. Face:
 - 8. Surface: Smooth, without abrasive admixture
 - 9. Finish: Mat, clear glaze
 - 10. Tile and Pattern: Price Group 1
 - 11. Grout Color: As selected by Architect from manufacturer's full range.
- c. Delete paragraph 2.2.C in its entirety.

10. Section 095113- ACOUSTICAL PANEL CEILINGS

- a. Delete paragraph 2.2.B in its entirety.
- b. Revise paragraph 2.4.A to read "Metal Suspension System: Armstrong World Industries, Inc., Prelude ML 15/16 inch Exposed Tee System.

11. Section 09540 – LINOLEUM FLOOR COVERINGS

- a. Revise paragraph 2.1.A to read "Manufacturers: Provide Forbo Flooring, Inc., Marmoleum, Dual Tile Linoleum Tile."

- b. Revise paragraph 2.2.2 to read:

2.2 LINOLEUM TILE COVERING

- A. Linoleum Tile
 - 1. Size: 13 inch by 13 inch
 - 2. Gauge 2.5 mm
 - 3. Backing: Polyester

4. Pattern and Color: To be selected by Architect from manufacturer's standard patterns and colors.
5. Finish: Topshield finish

12. Section 09650 – RESILIENT FLOOR TILE

- c. Add attached section 09650 Resilient Floor Tile (Alternate No. 5).

CHANGES TO DRAWINGS:

1. Sheet A.101 – GROUND FLOOR, DEMO PLAN & REFLECTED CLG. PLANS

- a. Add work in rooms 030A and 049F to project scope as described in drawings Add1-01 and MEP addenda drawings.
- b. Revise Demo Plan Note '5' to add "Area in front of west entry door."
- c. Revise Plan Note 11 to read "Infill opening with new wall construction, remove plastic laminate panels from inside corner to panel joint approx. 32" south beyond door. Laminate gypsum board over exposed CMU wall to match plastic laminate depth and reset devices and fire hose cabinet trim as required. Provide paintable 'F' reveal molding at edge of plastic laminate panel to remain. Reference drawing Add1-02.
- d. Revise Plan Notes 12 & 13 to add "...Reference drawing Add1-03 for wall finish detail."
- e. Revise Alternate Plan Note 21 to add "... At new hose cabinet location, prep and paint CMU to match adjacent wall areas.
- f. Revise Alternate Plan Note 22 – Work described by this note is to be included in base bid.
- g. Revise Alternate Plan Note 23 to add "...Provide transition resilient strip at door opening #022 to accommodate +/- 3/8" difference in finish floor elevation."
- h. Add Alternate Plan Note 24 to read "New 4 inch CMU partition wall in Stairway 099M."

2. Sheet A.103 – THIRD FLOOR, FLOOR & RCP PLANS AND FURNITURE LAYOUT

- a. Add General Note 'H' to read "Provide four (4) three-tier lockers – 12"W x 18"D x 72"H like Ideal Products, Inc. Ideal 1000 Series Plastic Laminate Lockers."
- b. Add General Note 'J' to read "New walls at Area of Refuge to be 1-hr rated. Refer to Wall Legend."
- c. Add General Note 'K' to read "Provide water resistant gypsum board at restroom and drinking fountain walls."
- d. Revise Plan Note 1 to add "Wall infill on Conf. Rm. side to be CMU."
- e. Revise Plan Note 8 to read "Paint east wall of Break Room 305H and west wall of Conf. Rm. 372."
- f. Revise RCP Note 13 to read "24 inch by 24 inch 1-hr rated access panel."

3. Sheet A. 501 – SCHEDULES & DETAILS

- a. Revise Door and Frame Schedule 'A' according to drawing Add1-04.
- b. Toilet Accessories H: Provide and install one (1) mirror per restroom like Bobrick B-293 1830. Contractor to install soap, paper towel and toilet tissue dispensers supplied by product suppliers.

- c. Room Finish Schedule E: Revise 049 Cafeteria west wall to “P-Lam/P-GWB” in lieu of “P-Lam.”
- d. Room Finish Schedule E; Revised 399G Elevator Lobby west drinking fountain wall to “Tile” in lieu of “P-Lam.”
- 4. Sheets MPE – Reference attached drawings M-101, M-301, P-302, E-101 & E-302 to add rooms 030A and 049F to project scope.
- 5. Sheet E302 – THIRD FLOOR POWER & SYSTEMS PLAN
 - a. Add the following note to the main entry doors: “EC shall remove two high and two low door operator push plates on interior and exterior handrails (4 total push plates) and install two new vertical push plates, one interior and one exterior. Install at same location as original pairs and reconnect to door opener system as required. New push plates provided by hardware supplier.”

LIST OF ATTACHMENTS:

- 1. Pre-Bid Meeting Notes dated May 18, 2012
- 2. Pre-Bid Sign-In Sheet dated May 18, 2012
- 3. Bid Form, pages 3 & 4
- 4. Common Construction Wage Scale dated April 17, 2012
- 5. Specification Section 09650 – RESILIENT FLOOR TILE
- 6. Drawing Add1-01 Demo and Floor Plan
- 7. Drawing Add1-02 Cafeteria Wall Finish Detail (Base Bid)
- 8. Drawing Add1-03 Lobby & Drinking Fountain Wall Finish Detail
- 9. Drawing Add1-04 Door & Frame Schedule
- 10. Drawing M-101 Ground Fl. Mech. Demo. Plan
- 11. Drawing M-301 Ground Fl. Mech. Plan
- 12. Drawing P-302 Ground Fl. Plumbing Plan
- 13. Drawing E-101 Ground Fl. Electrical Demo. Plan
- 14. Drawing E-302 Ground Fl. Base Bid Power & Systems Plan

END OF ADDENDUM

Pre-Bid Outline: May 18, 2012

Disability Services for Students - IU Project # 20128037

Bid Date is Thursday, May 31st at 2:00 PM

DSS provide assistance to all students with disabilities – temporary or permanent. Project includes creation of an office suite and improvements to ADA south first floor entry to be more welcoming and provide more direct access to the accessible elevator.

Base bid cost estimate \$325,000; \$400,000 with alternates

5 Alternates:

1. At third floor, add a door between the office suite to the north and an adjacent conference room
2. At ground floor, enlarge lobby by relocating fire hose cabinet to north hallway
3. At ground floor, provide resilient terrazzo tile in lobby in lieu of linoleum and related 3A
4. At ground floor, provide sprinklering in lobby
5. At ground floor, to enlarge 3'-0" door opening from lobby to north hallway

No unit prices or allowances.

Schedule: Anticipated start date is Monday, June 11th. This will mean getting the Bond and Insurance in place in quickly. **Preferred target completion date is the middle of July.**

DSS office is moving from Franklin Hall which is supposed to be vacated by August 1st.

Other projects in the building during the summer and reworking of south entrance and addition of ADA ramp

BASE BID SCOPE:

Third Floor:

- Currently a classroom, hallway and open seating area. Some walls, ceiling and floor to be demo'ed.
- Asbestos flooring will be abated by IU on both floors
- Create an office suite off the third floor elevator lobby – 7 offices and 4 testing rooms.
- Two new single ADA compliant restrooms; one to serve the floor and one to serve the DSS offices – over exterior space so there is a chase to serve the plumbing fixtures
- Metal stud frame walls with sound attenuation batts in interior walls and above ceilings.
- Flush wood door with metal door frames. Some glass in testing room doors.
- Some custom laminate work stations in the reception area.
- Finishes in office suite include painted gypsum board, SAT ceiling, carpet and rubber base.
- Create an area of refuge in front of the stair entrance.

- This is a 1-hr smoke assembly which has 1-hour rated walls and 20 minute doors. Includes two pairs of doors on hold-opens. One-hour rated gypsum board ceiling with three access panels to existing HVAC and junction boxes. Adding smoke seals to existing doors in the area of refuge.
- The adjacent stair has 12 doors – 2 doors that serve 6 floors. All of these doors will have their handles removed and receive panic devices and new closers.
- Existing water fountain will be replaced by an ADA compliant two-level unit with bottle filler.
- The lobby area will receive new linoleum flooring along with the area of refuge and a new ceiling and lighting.

First Floor:

- Remove Maintenance Room – CMU walls to make a larger lobby and more direct route to the ADA library
- Replace ceiling with SAT and new lighting
- VAT flooring to be abated by IU and replaced with linoleum in base bid – some grinding of floor for flush condition with existing terrazzo
- Furr out CMU walls
- Add automatic door operators to existing doors into the cafeteria; replace operators on existing entry doors
- To be added by addendum: Conversion of an office 049F into a janitor's closet with sink, exhaust & remove connecting door to office 030A which will get new carpet and paint.

Alternates as they impact ground floor:

1. At ground floor, enlarge lobby by relocating fire hose cabinet to north hallway
2. At ground floor, provide resilient terrazzo tile in lobby in lieu of linoleum and related 3A
3. At ground floor, provide sprinklering in lobby
4. At ground floor, to enlarge 3'-0" door opening from lobby to north hallway

Deliveries & trash removal at east building loading dock

Alternate No. 4: *The amount to add or deduct from the Base Bid to provide sprinklering at the ground floor entry lobby #049K as indicated in construction documents.*

(Add) (Deduct) _____ Dollars \$ _____

Alternate No. 5: *The amount to add or deduct from the Base Bid to provide rubber tile flooring in lieu of carpet in the Disability Services for Students suite #302.*

(Add) (Deduct) _____ Dollars \$ _____

Alternate No. 6: *The amount to add or deduct from the Base Bid to provide new hardware set #13 for ten (10) remaining doors in Stair 399D. Doors to be painted.*

(Add) (Deduct) _____ Dollars \$ _____

TAX EXEMPTIONS

The undersigned Bidder has informed himself and all his prospective sub-contractors and suppliers of the tax exempt status of the Owner, as set forth in the Special conditions, and therefore, has not included these taxes in his Lump Sum Base Bid price.

SUBSTITUTIONS

The undersigned Bidder has based his bid upon the materials, products, articles, equipment, brands, manufacturers and processes described in the Bidding Documents or upon approved equivalents. Proof of equivalency of substitutions is the responsibility of the Bidder, but the Architect/Engineer shall be the sole judge of equivalency. Proposed equivalent substitutions shall be equal in all respects to the requirements of the Bidding Documents, including but not limited to the design, quality, physical size, performance characteristics, strength, previous history of use, and to the method of installation, attachment, or connection to related or adjoining work. Determination of equivalency of proposed substitutions shall be by the Architect/Engineer, before the bid opening date, as described in paragraph entitled "Substitutions" in the Instructions to Bidders.

COMPLETION DATE

The Undersigned Bidder agrees to coordinate and expedite his work with all contractors and that this Work will be completed within _____ **Calendar Days.**

OR

The Undersigned Bidder agrees to coordinate and expedite his work with all contractors and that this Work will be completed no later than **July 16, 2012.**

ASSIGNMENT OF COORDINATION

The undersigned Bidder agrees, to the assignment of Mechanical and Electrical work to the successful General Contractor for the responsibility of complete coordination of the work as stated in the Instructions to Bidders.

PERFORMANCE AND PAYMENT BOND

The undersigned Bidder agrees, if awarded the Contract, to deliver to the Owner a satisfactory Performance Bond, in the full amount (100%) of the total Contract price, not later than the date of execution of the contract. The cost of the Bond shall be included in the Lump Sum Base Bid contained in this Proposal.

SUPPLEMENTAL DOCUMENTS

Bid Security, State Form 96 (Revised 2005), Financial Statements, Written Drug Testing Program, which must be in full compliance with IC 4-13-18-6; Minority and Women’s Business Enterprise Participation Plan, Pg. 1 and 2; Statement of Wages to be Paid; Contractor Asbestos Certification; Asbestos Protocol for Contractors.

ADDENDA

The following Addenda have been received by the undersigned Bidder; and all costs resulting from these Addenda have been included in the preparation of this Bid Form:

Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____

COMMON CONSTRUCTION WAGE SCALE

Date: APRIL 17, 2012

City: Bloomington

County: Monroe

Project Description and Scope: INDIANA UNIVERSITY BLOOMINGTON(DOLO20120243)

2ND QUARTER PROJECTS

We the undersigned common construction wage committee, appointed pursuant to Indiana Code 5-16-7 *et seq.*, do hereby fix and determine the following common construction wage scale to apply on the above referenced project.

TYPE OF CONSTRUCTION

- Commercial Building
- Heavy / Highway
- Utility

<u>Classification</u>	<u>Class</u>	<u>Hourly Rate</u>	<u>Fringes</u>	<u>Total</u>
Asbestos Worker	Skilled	32.34	14.69	47.03
	Semiskilled	18.77	8.37	27.14
	Unskilled	13.71	8.10	21.81
Asbestos Abatement	Skilled	29.90	13.48	43.38
	Semiskilled	N/A	N/A	N/A
	Unskilled	N/A	N/A	N/A
Boilermakers	Skilled	33.43	22.48	55.91
	Semiskilled	26.74	22.48	49.22
	Unskilled	20.06	22.48	42.54
Bricklayers	Skilled	27.20	10.32	37.52
	Semiskilled	20.40	10.32	30.72
	Unskilled	13.60	10.32	23.92
Carpenters	Skilled	27.01	14.15	41.16
	Semiskilled	24.31	10.78	35.09
	Unskilled	21.61	10.67	32.28
Carpet Layers	Skilled	25.75	12.07	37.82
	Semiskilled	23.18	11.49	34.67
	Unskilled	20.60	10.92	31.52
Cement Masons	Skilled	26.90	11.13	38.03
	Semiskilled	26.40	11.13	37.53

	Unskilled	24.00	11.13	35.13
Drywall Finishers	Skilled	24.95	9.81	34.76
Drywall Finishers using automatic	Semiskilled	17.47	8.51	25.98
Tools (Ames, Tape Tech, etc) add	Unskilled	12.48	7.64	20.12
\$1.00 to hourly pay.				
Drywall Installers	Skilled	26.91	13.40	40.31
	Semiskilled	24.22	12.72	36.94
	Unskilled	21.53	12.03	33.56
Electricians	Skilled	33.04	12.52	45.55
	Semiskilled	19.82	9.61	29.43
	Unskilled	16.52	8.88	25.40
Elevator Constructors	Skilled	30.28	12.12	42.40
	Semiskilled	24.22	12.12	36.34
	Unskilled	21.20	12.12	33.32
Glaziers	Skilled	25.86	11.95	37.81
	Semiskilled	18.11	10.36	28.47
	Unskilled	12.93	9.30	22.23
Iron Workers	Skilled	27.90	18.76	46.66
	Semiskilled	22.32	18.76	41.08
	Unskilled	16.74	18.76	35.50
Laborers	Skilled	22.43	11.20	33.63
	Semiskilled	21.93	11.20	33.13
	Unskilled	21.18	11.20	32.38
Laborers / Asbestos Abatement	Skilled	21.93	11.20	33.13
	Semiskilled	N/A	N/A	N/A
	Unskilled	N/A	N/A	N/A
Millwrights	Skilled	26.34	16.33	42.67
	Semiskilled	23.71	12.74	36.45
	Unskilled	21.07	12.42	33.49
Operating Engineers	Skilled	29.00	14.07	43.07
Class 1 or A	Semiskilled	25.65	14.07	39.72
	Unskilled	21.85	14.07	35.92
Painters / Brush / Roll	Skilled	25.96	9.81	35.77
	Semiskilled	18.57	8.51	27.08
	Unskilled	13.48	7.64	21.12
Painters / Spray / Sandblast	Skilled	25.95	9.81	35.76
	Semiskilled	18.57	8.51	27.08

	Unskilled	13.48	7.64	21.12
Pipefitters & Steamfitters	Skilled	33.22	15.06	48.28
	Semiskilled	21.59	15.06	36.65
	Unskilled	15.61	15.06	\$30.67
Plasterers	Skilled	23.48	9.54	33.02
	Semiskilled	21.98	9.54	31.52
	Unskilled	18.78	9.54	28.32
Plumbers	Skilled	33.22	15.06	48.28
	Semiskilled	21.59	15.06	36.65
	Unskilled	15.61	15.06	30.67
Pointer / Caulker / Cleaners	Skilled	27.45	10.07	37.52
	Semiskilled	20.59	10.07	30.66
	Unskilled	13.73	10.07	23.80
Roofers	Skilled	23.78	8.61	32.39
	Semiskilled	16.65	6.01	22.66
	Unskilled	11.90	2.35	14.25
Sheet Metal Workers	Skilled	31.72	18.14	49.86
	Semiskilled	23.79	16.93	40.72
	Unskilled	15.86	15.55	31.41
Sound & Communication Workers	Skilled	27.56	11.96	39.52
	Semiskilled	23.43	10.89	34.32
	Unskilled	19.84	10.01	29.85
Sprinkler Fitters	Skilled	31.29	12.75	44.04
	Semiskilled	20.34	12.75	33.09
	Unskilled	15.65	6.81	22.46
Stone Masons	Skilled	27.20	10.32	37.52
	Semiskilled	20.40	10.32	30.72
	Unskilled	13.60	10.32	23.92
Teamsters	Skilled	25.76	10.30	36.06
	Semiskilled	N/A	N/A	N/A
	Unskilled	N/A	N/A	N/A
Technical Engineers	Skilled	25.81	7.23	33.04
	Semiskilled	25.93	7.23	33.16
	Unskilled	23.81	7.23	31.04
Tile, Marble Setters	Skilled	28.90	9.56	38.46
	Semiskilled	26.01	9.56	35.57
	Unskilled	13.00	9.56	22.56

Terrazzo Setters	Skilled	29.50	9.66	39.16
	Semiskilled	26.55	9.66	36.21
	Unskilled	13.28	9.66	22.94
Tile, Marble, Terrazzo Finishers	Skilled	19.80	5.86	25.66
	Semiskilled	17.95	5.86	23.81
	Unskilled	12.66	5.86	18.52
Truck Mechanics	Skilled	25.76	10.30	36.06
	Semiskilled	N/A	N/A	N/A
	Unskilled	N/A	N/A	N/A

TYPE OF CONSTRUCTION
 COMMERCIAL BUILDING
 HEAVY/HIGHWAY
 UTILITY

<u>Classification</u>	<u>Class</u>	<u>Hourly Rate</u>	<u>Fringes</u>	<u>Total</u>
Carpenters	Skilled	24.76	14.97	39.73
	Semiskilled	22.28	11.35	33.63
	Unskilled	19.81	11.24	31.05
Electricians	Skilled	29.63	10.78	40.41
	Semiskilled	17.78	8.53	26.31
	Unskilled	14.82	7.97	22.79
Iron Workers	Skilled	27.90	18.76	46.66
	Semiskilled	22.32	18.76	41.08
	Unskilled	16.74	18.76	35.50
Laborers	Skilled	23.62	11.21	34.83
	Semiskilled	22.92	11.21	34.13
	Unskilled	22.62	11.21	33.83
Operating Engineers	Skilled	28.95	15.31	44.26
Class 1 or A	Semiskilled	22.70	15.31	38.01

	Unskilled			
Painters	Skilled	28.10	9.70	37.80
	Semiskilled	24.70	9.70	34.40
	Unskilled	14.20	9.70	23.90
Sprinkler Fitters	Skilled	31.29	12.75	44.04
	Semiskilled	20.34	12.75	33.09
	Unskilled	15.65	6.81	22.46
Teamsters	Skilled	25.76	10.30	36.06
	Semiskilled	N/A	N/A	N/A
	Unskilled	N/A	N/A	N/A

TYPE OF CONSTRUCTION:

- () COMMERCIAL BUILDING
 () HEAVY/HIGHWAY
 (X) UTILITY

<u>Classification</u>	<u>Class</u>	<u>Hourly Rate</u>	<u>Fringes</u>	<u>Total</u>
Asbestos Workers	Skilled	27.83	11.54	39.37
	Semiskilled	20.25	7.48	27.73
	Unskilled	17.72	7.36	25.08
Bricklayers	Skilled	27.20	10.32	37.52
	Semiskilled	20.40	10.32	30.72
	Unskilled	13.60	10.32	23.92
Carpenters	Skilled	24.32	14.97	39.29
	Semiskilled	21.89	11.35	33.24
	Unskilled	19.46	11.24	30.70
Electricians	Skilled	31.70	11.91	43.61
	Semiskilled	19.02	9.24	28.26

	Unskilled	15.85	8.58	24.43
Iron Workers	Skilled	27.90	18.76	46.66
	Semiskilled	22.32	18.76	41.08
	Unskilled	16.74	18.76	35.50
Laborers	Skilled	23.82	11.21	35.03
	Semiskilled	23.12	11.21	34.33
	Unskilled	22.82	11.21	34.03
Operating Engineers Class 1 or A	Skilled	28.95	15.31	44.26
	Semiskilled	22.70	15.31	38.01
	Unskilled	21.20	13.91	35.11
Pipefitters & Steamfitters	Skilled	33.22	15.06	48.28
	Semiskilled	21.59	15.06	36.65
	Unskilled	15.61	15.06	30.67
Plumbers	Skilled	33.22	15.06	48.28
	Semiskilled	21.59	15.06	36.65
	Unskilled	15.61	15.06	30.67
Pointer / Caulker / Cleaners	Skilled	27.45	10.07	37.52
	Semiskilled	20.59	10.07	30.66
	Unskilled	13.73	10.07	23.80
Sheet Metal Workers	Skilled	31.752	18.14	49.86
	Semiskilled	23.79	16.93	40.72
	Unskilled	15.86	15.55	31.41
Sprinkler Fitters	Skilled	31.29	12.75	44.04
	Semiskilled	20.34	12.75	33.09
	Unskilled	15.65	6.81	22.46
Stone Masons	Skilled	27.20	10.32	37.52
	Semiskilled	20.40	10.32	30.72
	Unskilled	13.60	10.32	23.92
Teamsters	Skilled	25.76	10.30	36.06
	Semiskilled	N/A	N/A	N/A
	Unskilled	N/A	N/A	N/A
Truck Mechanics	Skilled	25.76	10.30	36.06
	Semiskilled	N/A	N/A	N/A
	Unskilled	N/A	N/A	N/A

(ADD CLASSIFICATIONS AS REQUIRED BY PROJECT)

Definitions:

Skilled: An Individual who performs work in a classification listed on the scale of wages. It shall be presumed that an employee is a skilled worker in that classification, and entitled to receive compensation at the skilled rate, unless the worker satisfies all the criteria for being categorized as a semiskilled or unskilled worker.

Semi-skilled: An individual registered in a bona fide apprenticeship program registered with the United States Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training. Apprentices are paid pursuant to their individually warranted percentage for the classification of work that they perform as set forth in the apprentice program standards.

Unskilled: An individual with less than twelve months of cumulative experience in the construction trades and who is not registered in a bona fide apprenticeship program.

The above definitions shall not apply to workers in the classification of Laborers.

Apprenticeship Programs:

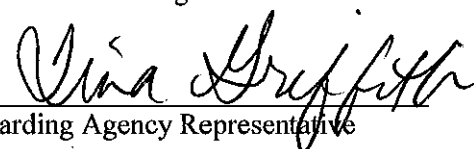
The Wage Committee determines that the common practice in the county is for contractors to participate in bona fide apprenticeship programs registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training and that the rate of pay for the classifications of labor that participate in such programs is based in part on a percentage of the journeyman's rate (skilled rate herein) depending on the individual's progress in the program.

Workers engaged in such an apprenticeship program will be permitted to work at less than the predetermined rate set out above for the work they perform. Such apprentices must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate which is the skilled hourly rate in this wage scale.

Any worker who is not registered or otherwise employed in a bona fide apprenticeship program registered with the U.S Department of Labor, Bureau of Apprenticeship and Training and has twelve or more months of cumulative experience in the construction trades shall be paid at the skilled wage rate on this wage determination for the classification of work actually performed by the worker regardless of how the employer classifies such a worker.

Disputes regarding the appropriate classification of workers and the amounts said workers should be paid may be submitted to the Indiana Department of Labor for investigation


Indiana State AFL-CIO


Awarding Agency Representative

ABC Representative

Taxpayer Named by Appointing Agency


Taxpayer Named by County Legislative Body

04-17-2012

Date

SECTION 09651 - RESILIENT FLOOR TILE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Rubber floor tile.
- B. Related Sections include the following:
 - 1. Division 9 Section "Resilient Wall Base and Accessories" for resilient wall base, reducer strips, and other accessories installed with resilient floor tile.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Samples for Initial Selection: For each type of product indicated.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Installer shall be INSTALL (International Standards & Training Alliance) resilient certified for the requirements of the project.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in labeled packages. Store and handle in compliance with manufacturer's recommendations.
- B. Deliver materials sufficiently in advance of installation to condition materials to the required temperatures prior to installation.

1.6 PROJECT CONDITIONS

- A. Maintain temperatures level of 68 deg F in spaces to receive floor tile during the following time periods:
 - 1. 48 hours before installation.
 - 2. During installation.
 - 3. 72 hours after installation.

- B. Close spaces to traffic during floor covering installation.

Close spaces to traffic for 48 hours after floor covering installation.

1.7 EXTRA MATERIALS

- A. Furnish extra materials described below that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Floor Tile: Furnish 1 box for every 50 boxes or fraction thereof, of each type, color, and pattern of floor tile installed.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Provide resilient flooring by nora systems, Inc.

2.2 COLORS AND PATTERNS

- A. Colors and Patterns: As selected by Architect from manufacturer's full range.

2.3 RUBBER FLOOR TILE

- A. Basis-of-Design Product: nora systems, Inc., norament grano, Article 1880.
- B. Rubber Floor Tile: ASTM F 1344.
- C. Class: I-B (homogeneous rubber compound 926, through mottled).
- D. Hardness: Manufacturer's standard hardness, measured using Shore, Type A durometer per ASTM D 2240.
- E. Wearing Surface: Hammered
- F. Thickness: 0.14 inches
- G. Size: 39.53 inches by 39.53 inches
- H. Limited Wear Warranty: 10 years
- I. Fire-Test-Response Characteristics:
 - 1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm per ASTM E 648.

2.4 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Membranes, primers, lever, patch and adhesives provided or approved by resilient product manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
 - 1. Use adhesives that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
 - a. Rubber Floor Adhesives: 60 g/L.

- C. Metal Edge Strips: Extruded aluminum with mill finish of width shown, of height required to protect exposed edges of tiles, and in maximum available lengths to minimize running joints.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for installation tolerances, moisture content, and other conditions affecting performance.
 - 1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products.
 - 2. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Prepare substrates according to manufacturer's written recommendations to ensure adhesion of resilient products.
- B. Concrete Substrates: Prepare according to ASTM F 710.
 - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
 - 2. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
 - 3. Moisture Testing:
 - a. Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. (1.36 kg of water/92.9 sq. m) in 24 hours.
 - b. Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
- C. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
- D. Use trowelable leveling and patching compound to fill cracks, holes, and depressions in substrates.
- E. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.
 - 1. Do not install resilient products until they are same temperature as space where they are to be installed.
- F. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation. After cleaning, examine substrates for moisture, alkaline salts, carbonation, and dust. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 TILE INSTALLATION

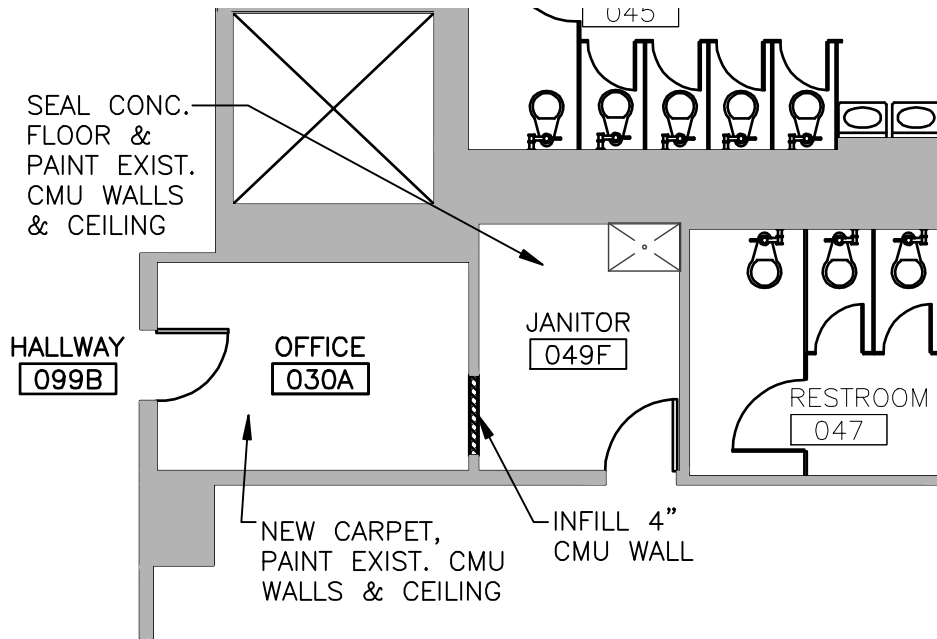
- A. Install resilient rubber tile flooring for butt joint installation according to manufacturer's instructions.
- B. Lay out tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust as necessary to avoid using cut widths that equal less than one-half tile at perimeter.
 - 1. Lay tiles square with room axis.
- C. Match tiles for color and pattern by selecting tiles from cartons in the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.
 - 1. Lay tiles with arrows running in the same direction.
- D. Scribe, cut, and fit tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, edgings, door frames, thresholds, and nosings.
- E. Extend tiles into toe spaces, door reveals, closets, and similar openings.
- F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent, nonstaining marking device.
- G. Install tiles on covers for telephone and electrical ducts and similar items in finished floor areas. Maintain overall continuity of color and pattern with pieces of tile installed on covers. Tightly adhere tile edges to substrates that abut covers and to cover perimeters.
- H. Adhere tiles to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.


3.4 CLEANING AND PROTECTION

- A. Perform the following operations immediately after completing resilient product installation:
 - 1. Remove adhesive and other blemishes from exposed surfaces.
 - 2. Sweep and vacuum surfaces thoroughly.
 - 3. Damp-mop surfaces to remove marks and soil.
 - a. Do not wash surfaces until after time period recommended by manufacturer.
- B. Protect resilient products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period. Use protection methods recommended in writing by manufacturer.
 - 1. Apply protective floor polish to horizontal surfaces that are free from soil, visible adhesive, and surface blemishes if recommended in writing by manufacturer.
 - a. Use commercially available product acceptable to manufacturer.
 - b. Coordinate selection of floor polish with Owner's maintenance service.
 - 2. Cover products installed on horizontal surfaces with undyed, untreated building paper until Substantial Completion.

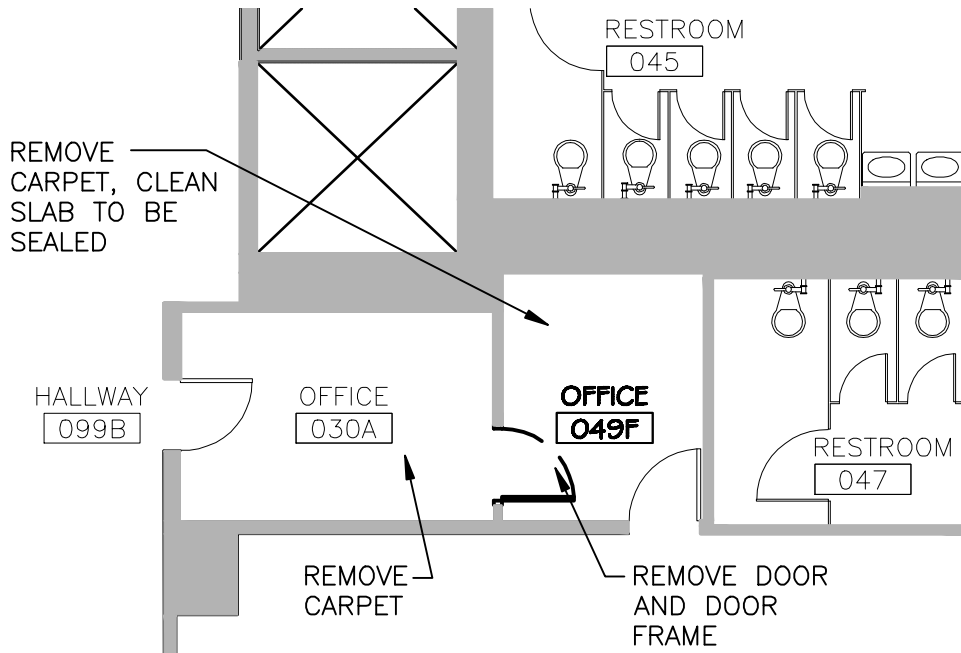
3. Do not move heavy and sharp objects directly over surfaces. Place hardboard or plywood panels over flooring and under objects while they are being moved. Slide or roll objects over panels without moving panels.


END OF SECTION 09650



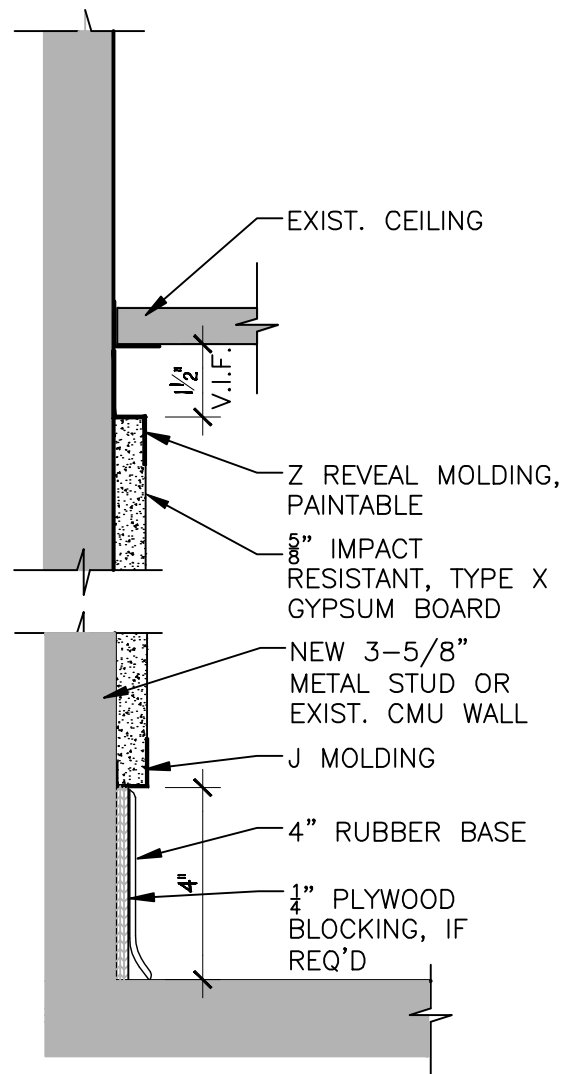
B FLOOR PLAN 

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



A DEMOLITION PLAN 

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



CAFETERIA WALL - BASE BID

WALL FINISH DETAIL

SCALE: 3" = 1'-0"

KIRKWOOD
designstudio
p.c.

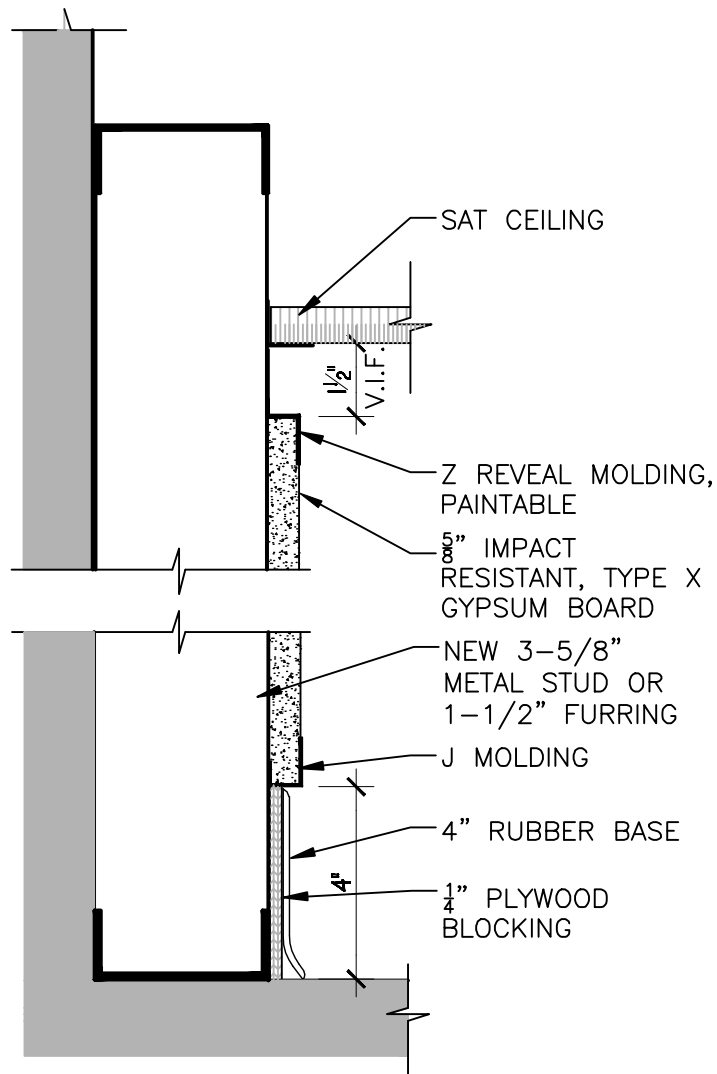
113 e. 6th street
bloomington, in 47408
812.331.0255 ph
812.331.0755 fax
www.kdsarchitects.com

DSS WELLS LIBRARY

DRAWING NO.: Add1-02

PROJECT NO.: 2012-03

DATE: 05/24/2012



LOBBY & DRINKING FOUNTAIN SIDE WALLS

WALL FINISH DETAIL

SCALE: 3" = 1'-0"

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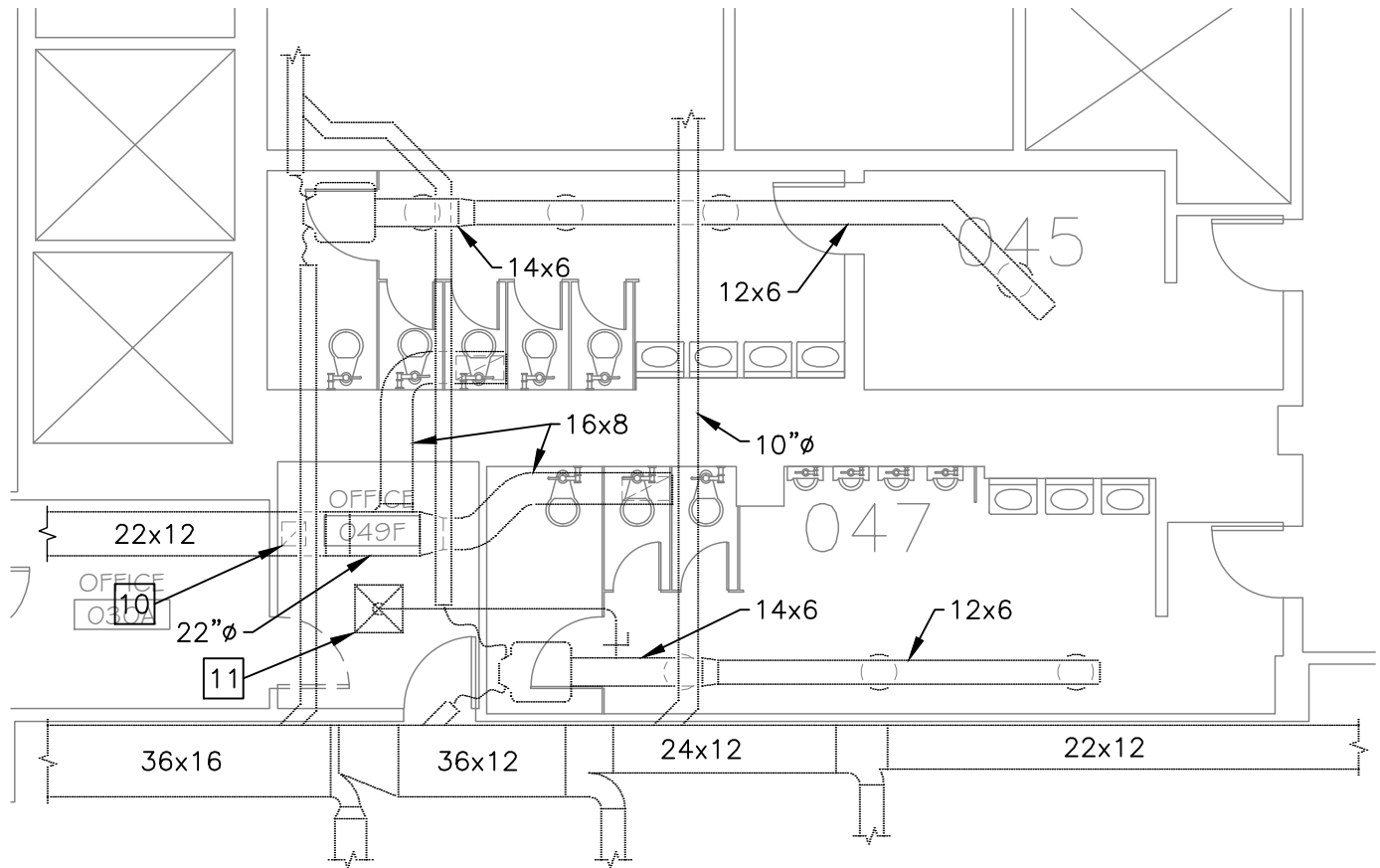
ARCHITECTURE+PLANNING

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DRAWING NO.: Add1-03

PROJECT NO.: 2012-03

DATE: 05/24/2012



GROUND FLOOR MECHANICAL DEMOLITION PLAN

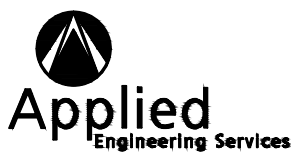
SCALE: 1/8" = 1'-0"



DEMOLITION NOTES:

- 10 12x12 EXHAUST GRILLE TO REMAIN.
- 11 24x24 SQUARE CEILING DIFFUSER TO REMAIN.

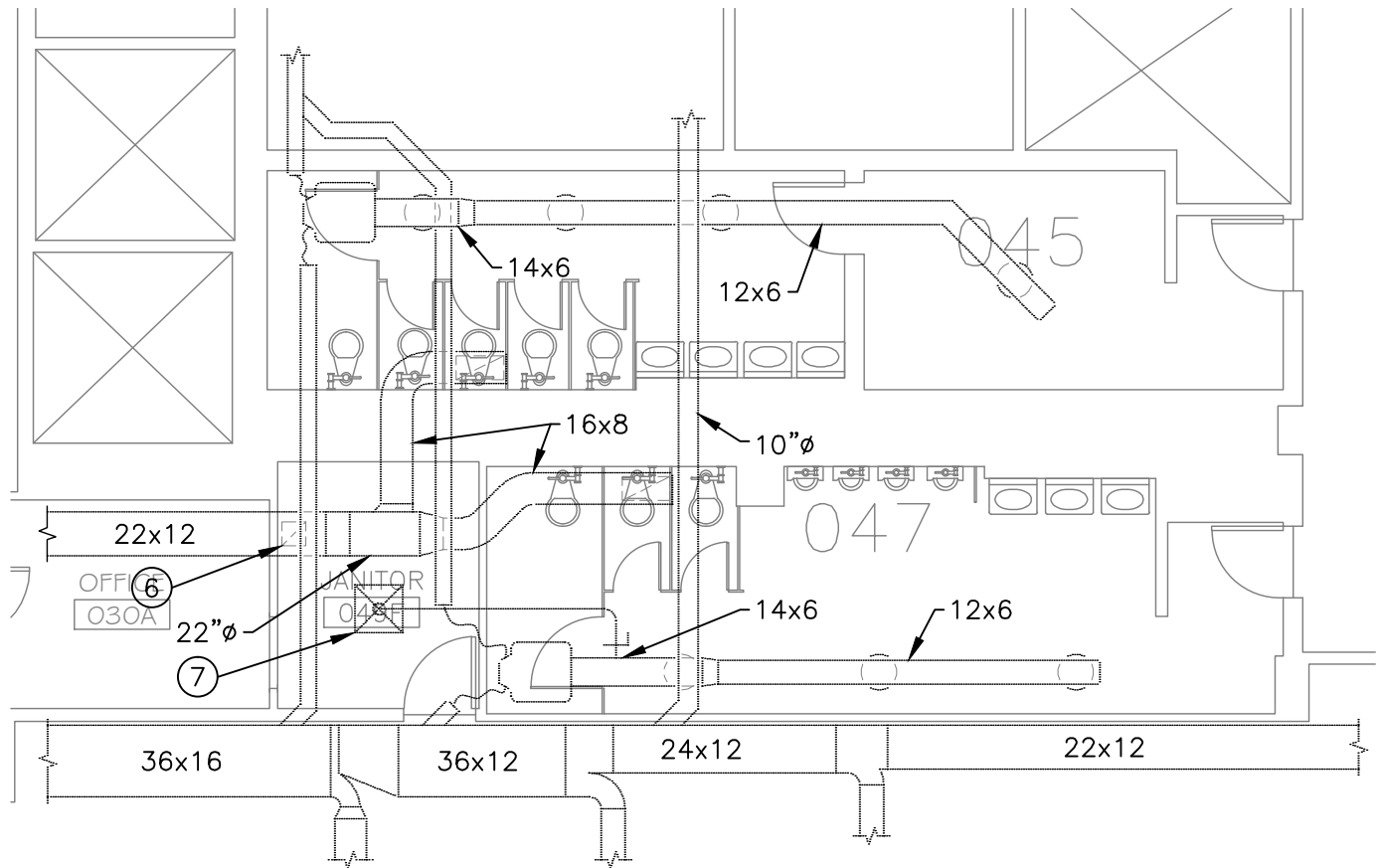
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DISABILITY SERVICES FOR STUDENTS
WELLS LIBRARY
GROUND FLOOR
MECHANICAL DEMOLITION PLAN
BLOOMINGTON, INDIANA



PROJECT NO. 12-035
 DWG FILE 12-035_M-101
 DATE 5-22-2012
 DWG SCALE 1/8"=1'-0"
 PLOT SCALE 1:1
 DRAWN BY GAC

DRAWING NO.

M-101



GROUND FLOOR MECHANICAL PLAN

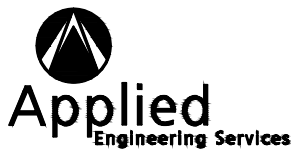
SCALE: 1/8" = 1'-0"



PLAN NOTES:

- ⑥ BALANCE EXISTING 12x12 EXHAUST GRILLE TO 100 CFM.
- ⑦ BALANCE EXISTING 24x24 SQUARE CEILING DIFFUSER TO 75 CFM.

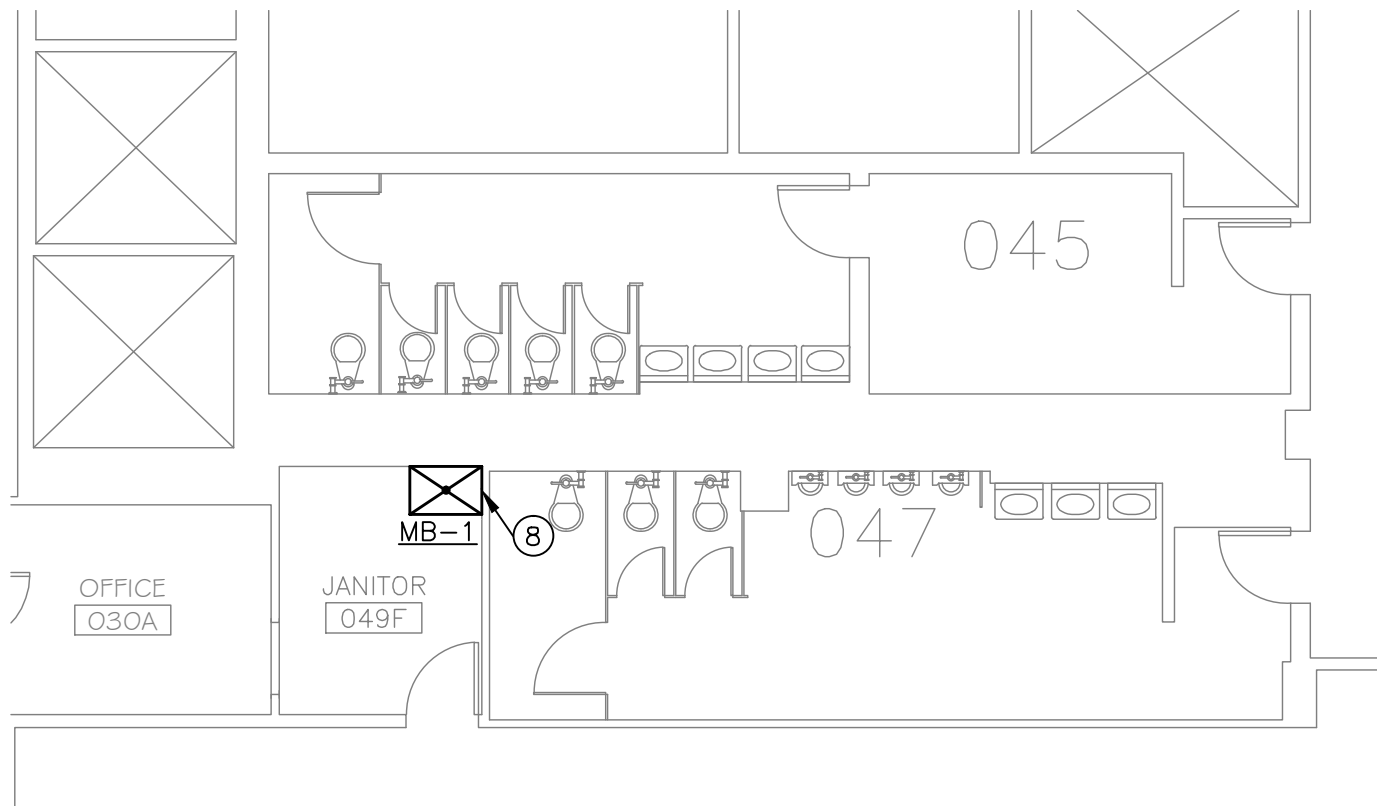
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MECHANICAL PLAN
BLOOMINGTON, INDIANA



PROJECT NO. 12-035
 DWG FILE 12-035_M-301
 DATE 5-22-2012
 DWG SCALE 1/8"=1'-0"
 PLOT SCALE 1:1
 DRAWN BY GAC

DRAWING NO.

M-301



GROUND FLOOR PLUMBING PLAN

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

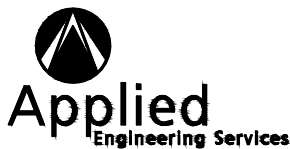


PLAN NOTES:

- ⑧ INSTALL NEW MOP BASIN AT EXISTING MOP BASIN ROUGH-IN LOCATION. VERIFY EXISTING LOCATION ONCE CARPET IS REMOVED. REMOVE EXISTING SANITARY CAP AT FLOOR LEVEL, CUT AND PATCH FLOOR AND WALL AS NEEDED TO COMPLETE FINAL CONNECTION.

JANITOR SINK (MB-1): FLORESTONE #MSR-3624, 36"x24"x10" WITH INTEGRAL DRAIN WITH 18" GA STAINLESS STEEL DRAIN GRID, MR-371 FAUCET W/VACUUM BREAKER, MR-360 5/8" HOSE, 5' LONG WITH CLAMP, MR-372 MOP HANGER WITH 2 CLAMPS, AND MR-372 (1) 24" AND (1) 36" WALL PANELS.

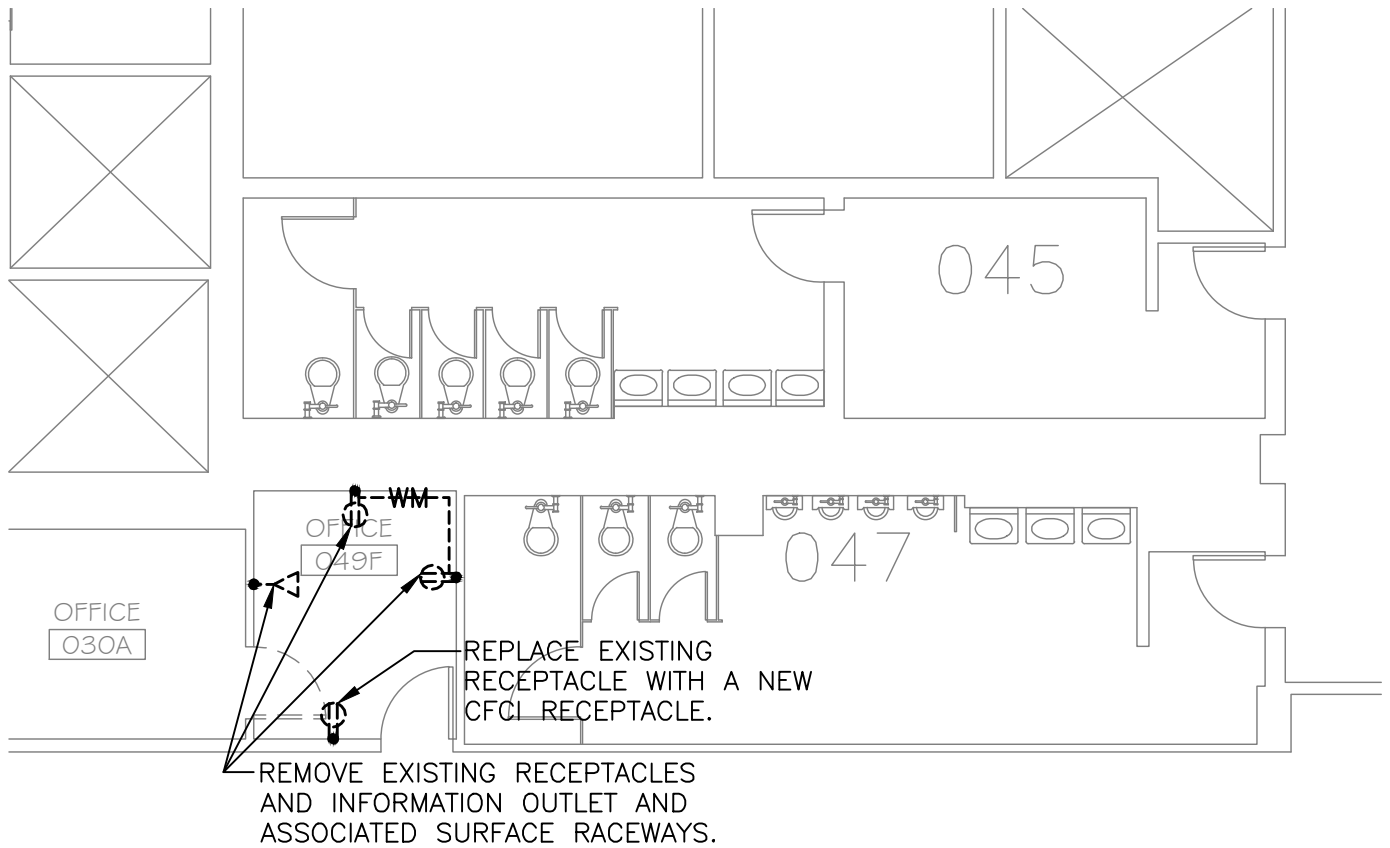
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PLUMBING PLAN
BLOOMINGTON, INDIANA



PROJECT NO. 12-035
 DWG FILE 12-035_P-302
 DATE 5-22-2012
 DWG SCALE 1/8"=1'-0"
 PLOT SCALE 1:1
 DRAWN BY GAC

DRAWING NO.

P-302

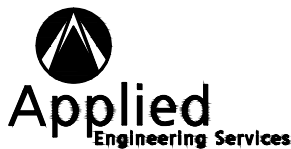


GROUND FLOOR ELECTRICAL DEMOLITION PLAN

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



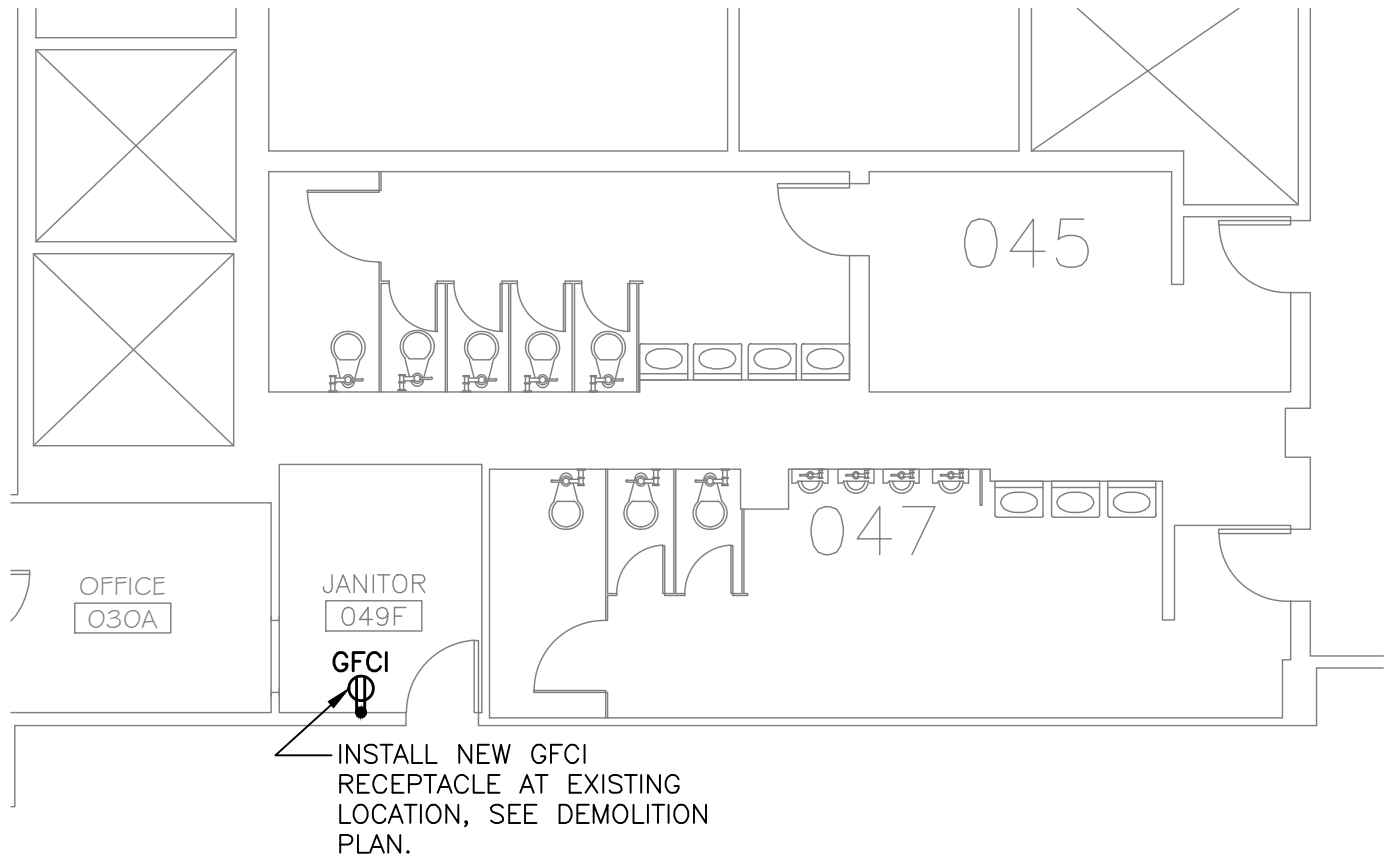
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DISABILITY SERVICES FOR STUDENTS
WELLS LIBRARY
GROUND FLOOR
ELECTRICAL DEMOLITION PLAN
BLOOMINGTON, INDIANA



PROJECT NO. 12-035
 DWG FILE 12-035_E-101
 DATE 5-22-2012
 DWG SCALE 1/8"=1'-0"
 PLOT SCALE 1:1
 DRAWN BY GAC

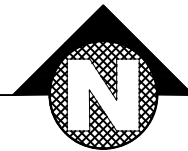
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E-101

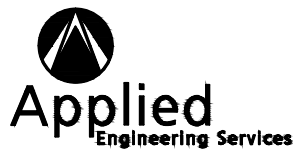


GROUND FLOOR BASE BID POWER & SYSTEMS PLAN

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



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DISABILITY SERVICES FOR STUDENTS
WELLS LIBRARY
GROUND FLOOR
POWER & SYSTEMS PLAN
BLOOMINGTON, INDIANA



PROJECT NO. 12-035
 DWG FILE 12-035_E-302
 DATE 5-22-2012
 DWG SCALE 1/8"=1'-0"
 PLOT SCALE 1:1
 DRAWN BY GAC

DRAWING NO.

E-302