

**ADDENDUM  
NO. 2**

**April 19, 2023**

**Damien Center – Zonie’s Closet Renovation  
1446 E. Washington Street  
Indianapolis, IN 46201**

**TO: ALL BIDDERS OF RECORD**

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated March 30, 2023, by Schmidt Associates. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 and attached Schmidt Associates Addendum No. 2, dated April 19, 2023, consisting of 2 pages, and 10 attachment pages, totaling 12 pages.

# ADDENDUM NO. 2

## APRIL 19, 2023

PREPARED BY SCHMIDT ASSOCIATES FOR:  
**1446-1440 E WASHINGTON STREET RENOVATION**  
**DAMIEN CENTER**

This Addendum consists of 2 Addendum page(s) and 10 attachment pages totaling 12 pages.

Acknowledge receipt of this Addendum by inserting its number on the Bid Form. Failure to do so may subject the Bid to disqualification. This Addendum is part of the Contract Documents.

Bidder is encouraged to verify with reprographer of record all Addenda issued (do not rely exclusively on third party plan room services).

### **PART 1 - CHANGES TO PRIOR ADDENDA (NOT APPLICABLE)**

### **PART 2 - CHANGES TO THE PROJECT MANUAL**

Modifications described herein shall be incorporated in the Project Manual. All other Work shall remain unchanged.

#### **2.1 DIVISION 05 – METALS**

##### **A. Section 057300 “DECORATIVE METAL RAILINGS”**

1. DELETE Subparagraph 2.7.I in its entirety.
2. DELETE Subparagraph 2.7.J in its entirety.

### **PART 3 - CHANGES TO THE DRAWINGS**

Modifications described herein shall be incorporated in the Drawings. All other Work shall remain unchanged.

#### **3.1 DRAWING SHEETS: ADDITIONS, DELETIONS AND REPLACEMENTS**

	<b>DRAWING NO.</b>	<b>INDICATE ACTION: ADD (A), DELETE (D), DELETE &amp; REPLACE (R),</b>
<b>C-SERIES DRAWINGS</b>		
	<b>CD101</b>	DELETE AND REPLACE
<b>I-SERIES DRAWINGS</b>		
	<b>IN101</b>	DELETE AND REPLACE
	<b>I-301</b>	DELETE AND REPLACE

**E-SERIES DRAWINGS`**

**E-602**

DELETE AND REPLACE

**T-SERIES DRAWINGS**

**T-001**

DELETE AND REPLACE

**T-101**

DELETE AND REPLACE

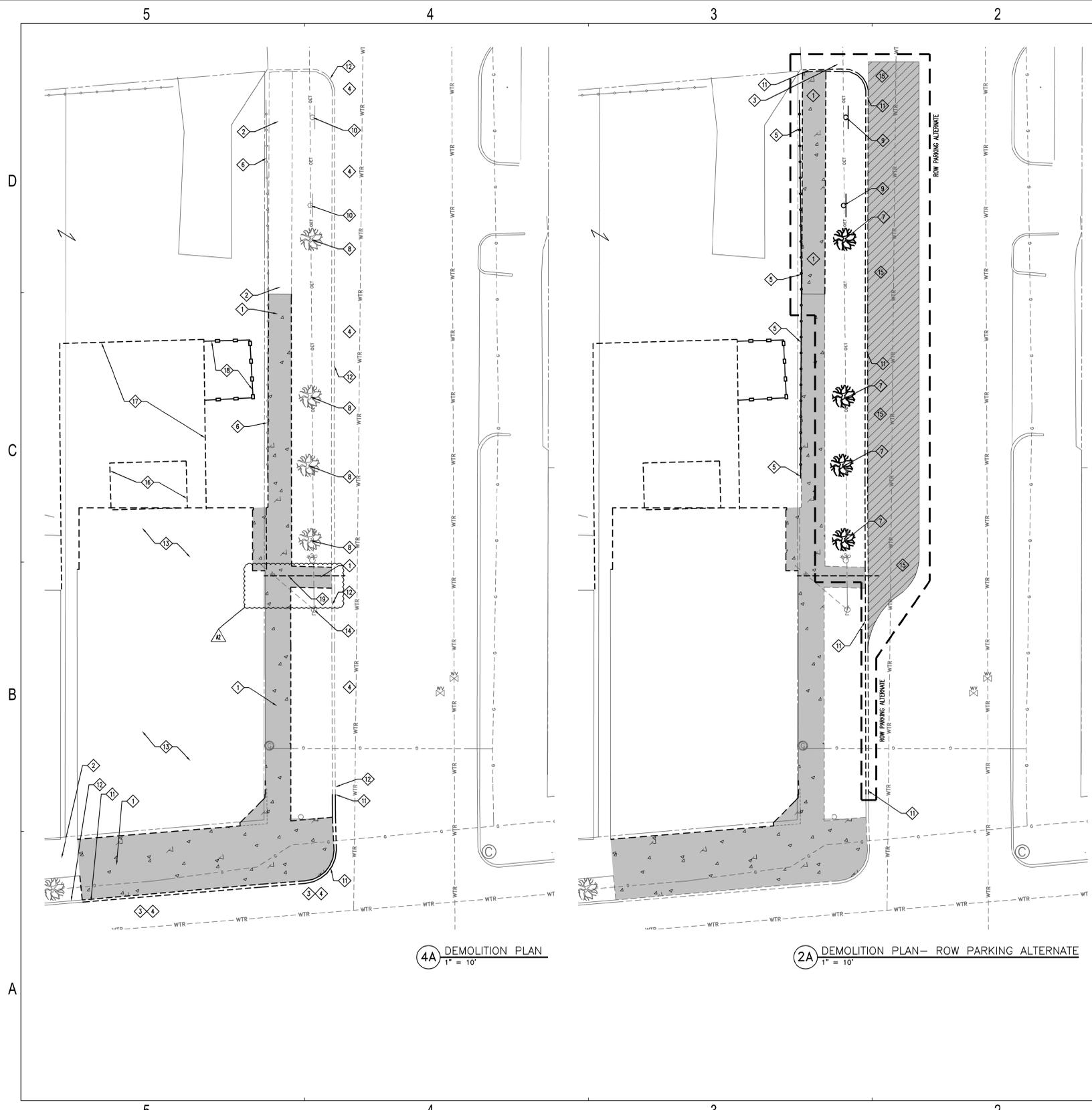
**T-501**

DELETE AND REPLACE

**END OF ADDENDUM 2**

**BIDDING QUESTIONS & RESPONSES**

The following Bidding Questions & Responses is being made available to Bidders for informational purposes only and is not a part of the Addendum.



4A DEMOLITION PLAN  
1" = 10'

2A DEMOLITION PLAN— ROW PARKING ALTERNATE  
1" = 10'

**DEMOLITION NOTES**

1. THE CONTRACTOR SHALL DEMOLISH AND REMOVE FROM THE SITE ALL MATERIALS INDICATED ON THE PLAN. GENERALLY, DEMOLITION AREAS AND FACILITIES ARE INDICATED WITH BOLD LINES, SHADED AREAS AND/OR KEY NOTES.
2. DISPOSAL OF ALL DEMOLITION MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL GUIDELINES AND PROCEDURES.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING FEATURES ALONG THE PERIMETER OF THE SITE. THESE FEATURES INCLUDE, BUT ARE NOT LIMITED TO: BUILDINGS, PAVEMENTS, FENCES, VEGETATION, UNDERGROUND UTILITIES, ABOVE GROUND UTILITIES, PROPERTY MARKERS, ETC. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE WHICH OCCURS DURING OR AS A RESULT OF CONSTRUCTION ACTIVITY. REPLACEMENT OF DAMAGED PROPERTY OR FEATURES SHALL BE EQUAL TO EXISTING CONDITIONS.
4. FOLLOWING THE REMOVAL OF INDICATED NATURAL FEATURES AND SITE IMPROVEMENTS, AND FOLLOWING THE COMPLETION OF EARTHWORK AS INDICATED ON THE GRADING PLAN, CONTRACTOR SHALL SUPPLY AND INSTALL TOPSOIL FILL IN ALL PROPOSED PLANTING AREAS TO THE GRADES INDICATED ON THE GRADING PLAN, AND IN ACCORDANCE WITH THE EARTHWORK SPECIFICATIONS.
5. ALL TREES, BRUSH, STUMPS, AND GRUBBING DEBRIS SCHEDULED FOR DEMOLITION SHALL BE REMOVED FROM THE SITE.
6. ALL TOPSOIL IN AREAS SUBJECT TO CONSTRUCTION SHALL BE STRIPPED AND STOCKPILED FOR REPLACEMENT DURING FINISH GRADING.
7. CURRENT FIELD CONDITIONS MAY VARY SOMEWHAT FROM THOSE INDICATED ON THIS PLAN. THE INFORMATION SHOULD NOT BE CONSIDERED AS EXACT OR COMPLETE.
- 7.1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO CONSTRUCTION. CONTACT THE INDIANA UNDERGROUND UTILITY PLANT PROTECTION SERVICE AT 1-800-382-5540 OR DIAL 811 (INDIANA). A PRIVATE UTILITY LOCATION SERVICE MAY BE REQUIRED IN AREAS NOT COVERED BY IUPPS.
- 7.2. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OR RESUMPTION OF WORK THAT COULD POTENTIALLY DISRUPT THE RESPECTIVE UTILITY SERVICE OF INFRASTRUCTURE.
- 7.3. UNLESS NOTED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR THE RELOCATION OF ALL EXISTING UTILITIES WHICH ARE IN CONFLICT WITH THE PROPOSED SITE IMPROVEMENTS.
- 7.4. ANY DAMAGE TO EXISTING UTILITY LINES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.

**DEMOLITION LEGEND**

- SAW CUT & REMOVE CONCRETE PAVEMENT
- MILL/OVERLAY ASPHALT PAVEMENT

**GENERAL NOTES**

1. REFERENCE C-001 FOR GENERAL DEMOLITION PLAN NOTES.
2. SEE ELECTRICAL SITE PLAN, FOR ALL ELECTRICAL, PHONE AND TECHNOLOGY DEMOLITION WORK.
3. USE CAUTION NOT TO DAMAGE UTILITIES AND FEATURES TO REMAIN.

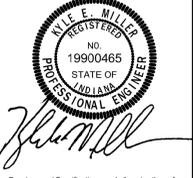
NOTE: WHILE EVERY EFFORT HAS BEEN MADE TO SHOW ALL DEMOLITION REQUIRED, THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID TO FULLY UNDERSTAND WHAT ITEMS ARE IN THE WAY OF NEW CONSTRUCTION. ONLY THOSE ITEMS UNDERGROUND AND NOT INDICATED ANYWHERE IN CONTRACT DOCUMENTS WILL BE CONSIDERED UNFORESEEN CONDITIONS. CHANGE ORDERS WILL NOT BE ISSUED FOR VISIBLE ITEMS.

**DEMOLITION KEY NOTES**

- 1 SAW CUT & REMOVE EXISTING CONCRETE PAVEMENT AT NEAREST CONTROL JOINT.
- 2 PROTECT EXISTING CONCRETE PAVEMENT TO REMAIN. REPAIR IF DAMAGED.
- 3 SAW CUT & REMOVE EXISTING ASPHALT PAVEMENT AS NEEDED FOR CURB REMOVAL.
- 4 PROTECT EXISTING ASPHALT PAVEMENT TO REMAIN. REPAIR IF DAMAGED.
- 5 REMOVE EXISTING FENCE/FOOTERS.
- 6 PROTECT EXISTING FENCE TO REMAIN. REPAIR IF DAMAGED.
- 7 REMOVE EXISTING TREE & ROOT SYSTEM.
- 8 PROTECT EXISTING TREE TO REMAIN. REPLACE IF DAMAGED.
- 9 REMOVE EXISTING SIGN & FOOTER.
- 10 PROTECT EXISTING SIGN TO REMAIN. REPLACE IF DAMAGED.
- 11 SAW CUT & REMOVE EXISTING CONCRETE CURB.
- 12 PROTECT EXISTING CONCRETE CURB TO REMAIN. REPAIR IF DAMAGED.
- 13 SEE ARCHITECTURAL PLANS FOR ALL BUILDING WORK.
- 14 ELECTRICAL POLE TO REMAIN. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK.
- 15 MILL/OVERLAY EXISTING ASPHALT PAVEMENT.
- 16 REMOVE EXISTING PERGOLA.
- 17 REMOVE EXISTING WOOD DECK WITH 6" PRIVACY FENCE.
- 18 REMOVE EXISTING 6" WOOD FENCE TRASH ENCLOSURE.
- 19 REMOVE EXISTING WATER LINE.



Project No: 2019-054.WSR  
Project Date: 03.28.2023  
Produced: JLS



These Drawings and Specifications, and all copies thereof are and shall remain the property and copyright of the Architect. They shall be used only with respect to this Project and are not to be used on any other Project or Work without prior written permission from the Architect.

#	Revision	Date
A2	Addendum No.2	04.19.2023

1446 E Washington St.  
Indianapolis, IN 46201

DAMIEN CENTER



1446 E WASHINGTON ST  
RENOVATION

DEMOLITION PLAN

CD101

Damien Center Kitchen & Barista Equipment										
Appliance & Equipment Coordination										
TAGS	APPLIANCE	MFR.	MODEL#	DESCRIPTION	SIZE	CONTRACT	VOLTAGE	AMP	CIRCUIT PHASE	QTY
EQ1	Espresso Machine	Grindmaster	Trimira	UnitCrathco Espresso Machine- automatic, 3 group, with large steam boiler. Waterline Required.	34"W x 23"D x 23"H	N.I.C. - Owner Provided	230 V	30 AMP	Single	1
EQ2	Coffee Grinder	BUNN	26800	Low Profile Grinder, dual 3lbs hoppers.	8.6"W x 11"D x 17.5"H	N.I.C. - Owner Provided	120 V	3.5 Amp	Single	1
EQ3	Iced Tea Brewer	BUNN	36700.0009	Iced tea & Coffee brewer, 3 Gallon single brewer. Waterline Required.	11.6W x 21.7"D x 34.2"	N.I.C. - Owner Provided	120 V	14.4 AMP	Single	1
EQ4	Rapid Cook Oven	Merrychef USA	E3	Convection & microwave small speed oven, 2 rack positions, ventless cooking.	23.5W x 24.5"D x 21.7"	N.I.C. - Owner Provided	208/240 V	30 AMP	Single	1
EQ5	Back Bar Cabinet, refrigerated	True Mfg.	TBB-4G-HC-LD	Beverage cooler with glass doors with locks, 6 shelves, R290 Hydrocarbon refrigerant.	90.38" W x 27.75" D x 37" H	By G.C. Provided/Inst.alled	115 V	2.8 AMP	Single	1
EQ6	Built-in Cooler	Structural Concepts	CO3324R-U-C-E3	Built-in Cooler- Black 36" Shallow Depth Undercounter Air Curtain Merchandiser. Casters w/ levelers.	36.25"W x 24.125"D x 32.75"H	By G.C. Provided/Inst.alled	120 V	12 AMP	Single	1
EQ7	Ice Bin Reused	EXISTING/REU/SED	N/A	Free-standing insulated Ice Bin w/ drainage		N.I.C. - Owner Provided...	N/A	N/A	N/A	1
EQ8	Reach-in Freezor	True Mfg.	T-23F-HC	29" Solid Single Door Reach-In Freezer, 4inch casters.	27"W x 29.5"D x 78.38"H	By G.C. Provided/Inst.alled	115V	3.7 AMP	Single	1
EQ9	Reach-in Refrigerator	True Mfg.	T-49-HC	54" Solid Double Door Reach-In Refrigerator	54.13W x 29.5"D x 78.38"H	By G.C. Provided/Inst.alled	115V	5.4 AMP	Single	1
EQ10	Ice-Maker	EXISTING/REU/SED		Air Cooled Undercounter Full Cube Ice Machine		N.I.C. - Owner Provided...	115	10 AMP	Single	1
EQ11	Microwave	Amana	RC510T5	Commercial microwave oven, 100 watts, 1.2 cu.ft. 4 stage cooking.	22" W x 19" D x 13.75" H	N.I.C. - Owner Provided	120 V	13 AMP	Single	1
EQ12	Work Table, Stainless Steel	Atosa USA, Inc.	SSTW-3072	MixRite work table, stainless steel top with adjustable undershelf & legs.	72W x 30"D x 34"H	By G.C. Provided/Inst.alled	N/A	N/A	N/A	1
EQ13	Bussing Utility Cart	Vollrath	97140	Utility Cart	39.5W x 21.5"D x 33.25"H	By G.C. Provided/Inst.alled	N/A	N/A	N/A	1
EQ14	Wall shelf Bracket & Wire Shelving	Eagle Group	WB18-C-X 1848C	Stationary wall mount bracket(s) & 18" deep wire shelf. Bracket: 18"D Shelf: 48"W x 18"D		By G.C. Provided/Inst.alled	N/A	N/A	N/A	1

SPEC.	MARK	DESCRIPTION	MANUFACTURER	COLLECTION/PATTERN	COLOR	COMMENTS
<b>FLOORS</b>						
09 30 00	PFTB-1	PORCELAIN FLOOR TILE BASE	PLATFORM SURFACES	METEOR	TAUPE PLATEAU MATTE	SIZE: 6 BY 12 INCHES COVE BASE; LOCATION(S) FIRST FLOOR
09 30 00	PFT-1	PORCELAIN FLOOR TILE	PLATFORM SURFACES	METEOR	TAUPE PLATEAU MATTE	SIZE: 12 BY 24 INCHES, LOCATION(S) FIRST FLOOR
09 30 00	PFT-2	PORCELAIN FLOOR TILE	PLATFORM SURFACES	VENICE	LA FENICE	SIZE: 24 BY 24 INCHES, LOCATION(S) FIRST FLOOR
09 30 00	PFT-3	PORCELAIN FLOOR TILE	PLATFORM SURFACES	VENICE	MURANO	SIZE: 24 BY 24 INCHES, LOCATION(S) RESTROOMS
09 65 13	RST-1	RESILIENT STAIR TREAD &...	NORA	NORAMENT ARAGO TREAD 5177	BALANCE	
09 65 13	RSL-1	RESILIENT STAIR LANDING	NORA	NORAMENT ARAGO	BALANCE	SIZE: 39 BY 20 INCHES, LOCATION(S) LANDINGS
09 65 13	RWB-1	RESILIENT WALL BASE	MOHAWK GROUP	COVE	099 BLACK BROWN	4INCH RUBBER COVE BASE
09 65 16	VSF-1	VINYL SHEET FLOOR	MOHAWK GROUP	HEALTHY ENVIRONMENTS/SISALANA	935 TWINE	UNBACKED, HEAT WELDED SEAMS
09 65 19	LVT-1	LUXURY VINYL TILE	SHAW CONTRACT	UNION	IRON THATCH	SIZE: 12 X 36 INCHES, INSTALL: BRICK, LOCATION(S) FIRST FLOOR, SECOND FLOOR
09 68 13	CPT-1	CARPET TILE (FIELD)	MOHAWK GROUP	SMART CITY/URBAN MOBILITY	GREY LINE	SIZE: 12 BY 36 INCHES, INSTALL: BRICK ASHLAR; LOCATION(S) FIRST FLOOR, SECOND FLOOR
<b>MILLWORK</b>						
06 40 23	WD-1	WOOD (CABINETS & ...)	SEE SPECIFICATION	SEE SPECIFICATION	SEE SPECIFICATION	RED OAK
06 40 23	WB-1	WOOD BASE TRIM	SEE SPECIFICATION	SEE SPECIFICATION	SEE SPECIFICATION	RED OAK 5-1/2INCH PROFILE
06 40 23	PL-1	PLASTIC LAMINATE	FORMICA	MATTE	BROWNED STEEL 8919-58	CABINETS
06 40 23	PL-2	PLASTIC LAMINATE	FORMICA	MATTE	BLACK MAGNETIC CHALKBOARD M2253-58	LOCATION(S): BACK BAR, SERVICE COUNTERTOP, BACKSPLASH
12 36 61.16	SS-1	SOLID SURFACE	WILSONART			
<b>WALLS</b>						
09 30 00	CWT-1	CERAMIC WALL TILE	PLATFORM SURFACES	CINQUE	MINT TEA	SIZE: 8 BY 6 INCHES, INSTALL: REFER TO ELEVATIONS; LOCATION(S): BAR FRONT, RESTROOMS
09 30 00	CWT-2	CERAMIC WALL TILE	PLATFORM SURFACES	CINQUE	PINK POWDER	SIZE: 8 BY 6 INCHES, INSTALL: REFER TO ELEVATIONS; LOCATION(S): RESTROOMS
09 30 00	MT-1	MOSAIC KEYSTONE TILE	DALTILE	KEYSTONES	DESERT GRAY SPECKLE D200	SIZE: 1 BY 1 INCHES, LOCATION(S): BARLEDGE
09 72 16	VMC-1	VINYL WALLCOVERING	MOMENTUM	ILLUSION	TROPICAL HAZE	SIZE: 52" WIDE, REPEAT: 24" H X 52" W
09 72 16	VMC-2	VINYL WALLCOVERING	MOMENTUM	ILLUSION	BERRY BLUR	SIZE: 52" WIDE, REPEAT: 24" H X 52" W
09 72 16	VMC-3	VINYL WALLCOVERING	MOMENTUM	ILLUSION	ALLURING BLACK	SIZE: 52" WIDE, REPEAT: 24" H X 52" W
09 91 23.99	P-1	PAINT (FIELD)	SHERWIN WILLIAMS	EGGSHELL	GOSSAMER VEIL SW9165	
09 91 23.99	P-2	PAINT (ACCENT)	SHERWIN WILLIAMS	EGGSHELL	TEAL STENCIL SW0018	
09 91 23.99	P-3	PAINT (ACCENT)	SHERWIN WILLIAMS	FLAT	CONNECTED GRAY SW6165	LOCATION(S): CEILING ACCENT PAINT
09 91 23.99	P-4	PAINT (ACCENT)	SHERWIN WILLIAMS	FLAT	FORWARD FUCHSIA SW6842	LOCATION(S): CEILING ACCENT PAINT
09 91 23.99	P-5	PAINT (ACCENT)	SHERWIN WILLIAMS	EGGSHELL	URBANE BRONZE SW7048	
09 91 23.99	P-6	PAINT (ACCENT)	SHERWIN WILLIAMS	SEMI-GLOSS	ROSE DUST SW0025	LOCATION(S): MENU BOARD(S)
10 91 23.99	P-7	PAINT (CEILING)	SHERWIN WILLIAMS	FLAT	SNOWBOUND SW7004	LOCATION(S): GENERAL CEILING/BULKHEADS
09 96 00.99	HP-1	HM DOOR FRAME	SHERWIN WILLIAMS	SEMI-GLOSS	URBANE BRONZE SW7048	LOCATION(S): ACCENT PAINT & PAINTED DOORS/FRAMES
12 22 00	DC-1	DRAPERY CURTAIN	DESIGNTEX	CURTAIN CALL 8095	HUNTER 501	
09 72 00	AWP-1	ACOUSTIC WALL PANEL	SOELBERG	MUTO TONE/PISTA 2T	(B) PEWTER (A) WINTER WATER	SIZE: 96 BY 48 BY 2-1/2 INCHES, INSTALL: REFER TO ELEVATIONS, LOCATION(S): CONFERENCE

### INTERIOR GENERAL NOTES

Reference A-001 for general plan notes. All notes may not apply to this sheet.

- Reference architectural ceilings plans for ceiling heights. Paint all bulkheads P-1 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color. Gypsum Ceilings to be painted P-7, unless specifically noted otherwise.
- Paint hollow metal doors & frames HP-1.
- Paint all exposed conduit, piping, and associated assemblies to match adjacent paint finish. Applies to all new & existing in areas of renovation or new construction.
- Paint general walls P-1 (Neutral) unless specifically noted otherwise.
- Where floor finish transitions between rooms, align transition centered with threshold of door unless noted otherwise. LVT to carpet does not require transition strip, products will abut at same height.
- Loose furnishings are not provided in this contract. Layouts and final design will be determined by owner.

### INTERIOR FLOOR PLAN NOTES

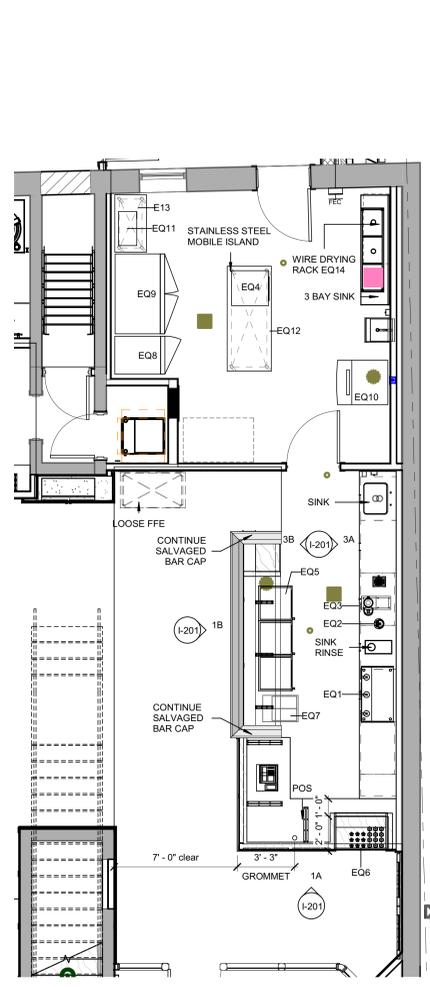
#	NOTE
1	EXPOSED BRICK WALL TO REMAIN
1.2	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER P-2.
1.5	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER P-5.
2	09 65 16 - INSTALL VINYL SHEET FLOORING RUNNING WIDTH OF PLATFORM. USE FULL SHEETS TO MINIMIZE SEAMS.
3	09 30 00 - RESTROOM(S) ALL WALLS TO RECEIVE CERAMIC WALL TILE. REFER TO INTERIOR ELEVATIONS FOR HEIGHTS & ADDITIONAL INFORMATION.
4	09 65 13 - STAIR TREADS AND LANDINGS TO RECEIVE RST-1 & RSL-1.
4.1	09 65 13 - PROVIDE RUBBER STAIR STRINGERS.
4.2	06 40 23 - STAIR STRINGERS TO BE WOOD, STAIN AND POLYURETHANE. SEE A-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
5	12 22 00 - PROVIDE & INSTALL TWO (2) FULL HEIGHT CURTAIN PANELS & SINGLE ROD. TO EXTEND FULL WIDTH OF WALL. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
6	09 91 23.99 - WALL TO RECEIVE BOARD & BATTEN. REFER TO INTERIOR ELEVATION FOR ADDITIONAL INFORMATION.
7	06 40 23 - PROVIDE 18" COUNTERTOP AT 36" A.F.F. TO BE SOLID WOOD W/ BULLNOSE EDGE. PROVIDE RAKKS 12" SUPPORT BRACKETS AS REQUIRED.
8	09 65 13 - PROVIDE SUBFLOOR TRANSITION WHERE VINYL TILE MEETS PORCELAIN TILE.
9	12 24 13 - PROVIDE NEW MANUAL ROLLER WINDOWSHADES. VERIFY CASED OPENINGS PRIOR TO ORDER & INSTALL.
10	CUSTOM WALL GRAPHIC LOGO TO BE SOURCED TO BE SOURED THROUGH REPRO GRAPHIX FOR DESIGN & IMPLICATION. SOURCE CONTACT: CAROLINE HALL: chah@reprographix.com
11	G.C. TO PROVIDE SINGLE FOLD RAMP, MFR. PVI, MODEL: SFW630 72"L x 30"W
12	10 14 00 - INSTALL PLAQUE PER MANUFACTURERS RECOMMENDATION.
13	06 40 23 - CONTINUOUS ART RAIL TO BE INSTALLED. WALL MOUNTED.
14	06 40 23 - CONTINUOUS ART RAIL TO BE INSTALLED. CEILING MOUNTED.



Project No. 2019-054.WSR  
Project Date 03.28.2023  
Produced LGK



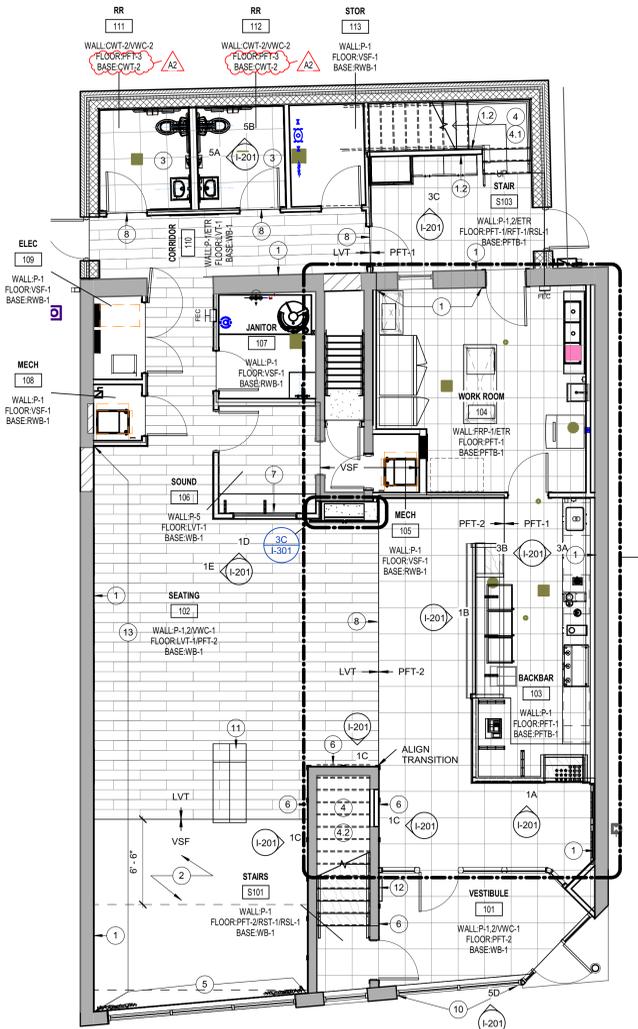
#	Revision	Date
A2	Addendum #2	04.20.2023



5A BACKBAR - ENLARGED EQUIPMENT PLAN  
1/4" = 1'-0"



4A SECOND LEVEL FLOOR FINISH PLAN  
3/16" = 1'-0"



2A GROUND LEVEL FINISH PLAN  
3/16" = 1'-0"

1446 E Washington St.  
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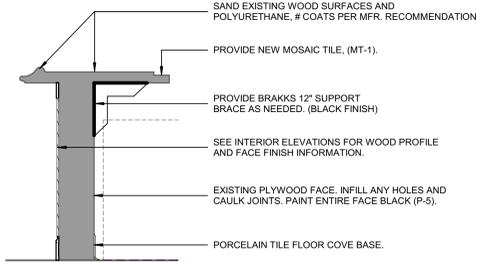
KEY PLAN

DAMIEN CENTER  
ONE HOME FOR HIV WELLNESS  
1446 E Washington Street Renovation

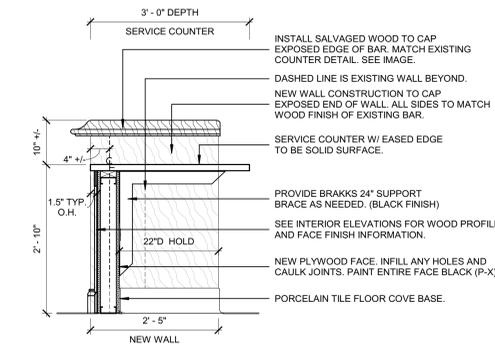
FLOOR PLANS  
IN101



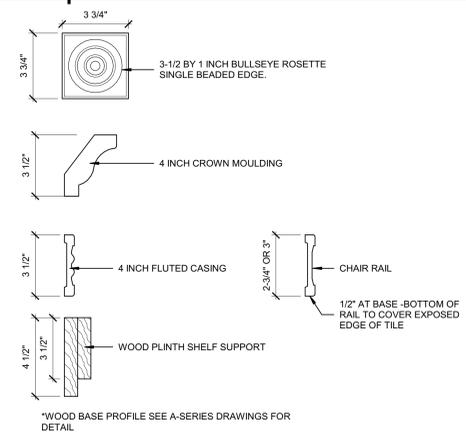
**6E BAR TOP EXISTING PROFIEL DETAIL - REFERENCE ONLY**  
3/4" = 1'-0"



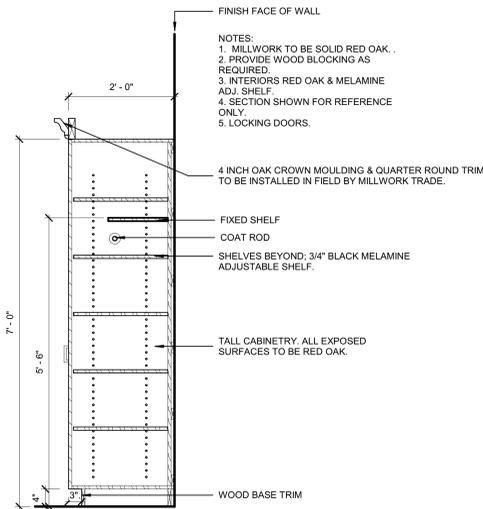
**4E SECTION - MODIFIED BAR**  
3/4" = 1'-0"



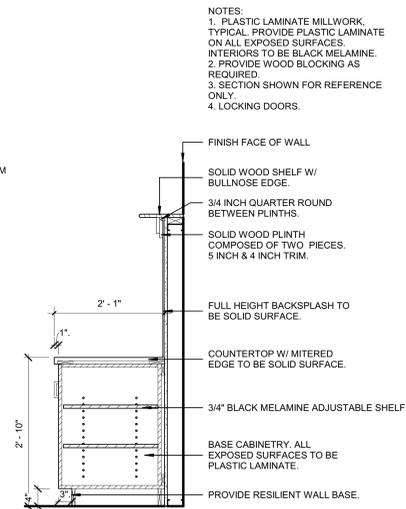
**3E SECTION - SERVICE COUNTER**  
3/4" = 1'-0"



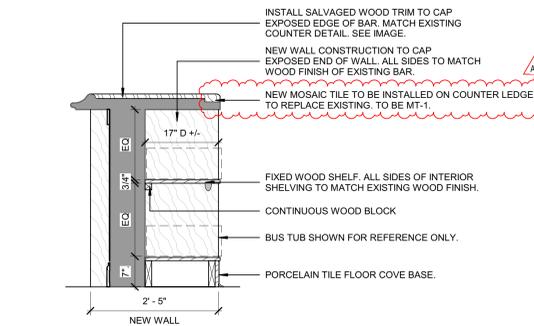
**1E MOULDED CASING/TRIM PROFILE**  
3" = 1'-0"



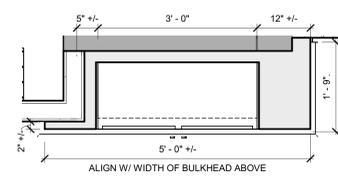
**5C SECTION - WARDROBE/STORAGE CABINETS**  
3/4" = 1'-0"



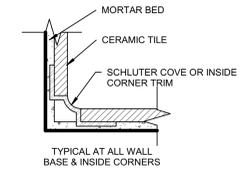
**4C SECTION - BACK BAR**  
3/4" = 1'-0"



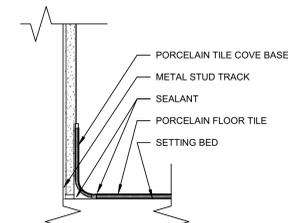
**3D SECTION - MODIFIED BAR SHELVING**  
3/4" = 1'-0"



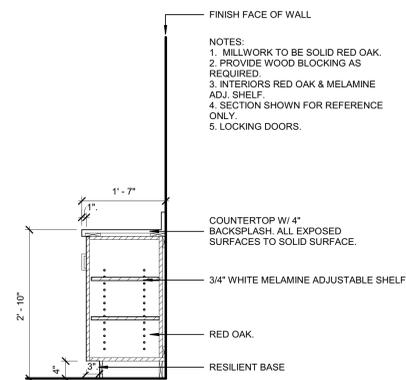
**3C MILLWORK - ENLARGED PLAN**  
3/4" = 1'-0"



**1D DETAIL - TYPICAL TILE COVE**  
6" = 1'-0"



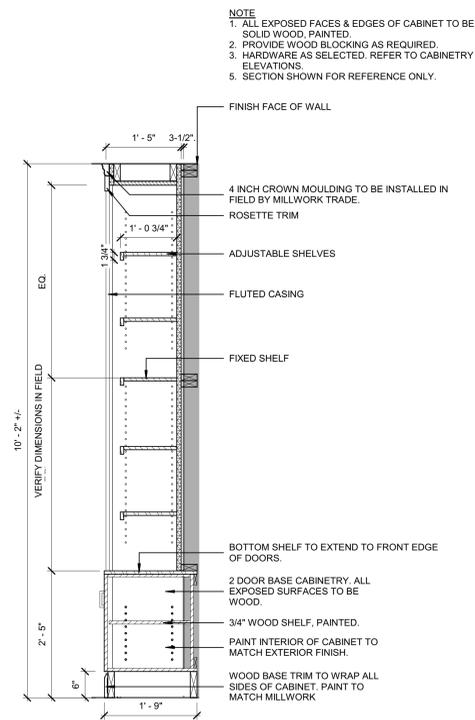
**1C DETAIL - WALL BASE PORCELAIN**  
3" = 1'-0"



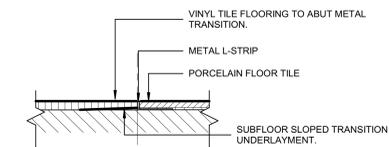
**5B SECTION - CREENZA**  
3/4" = 1'-0"



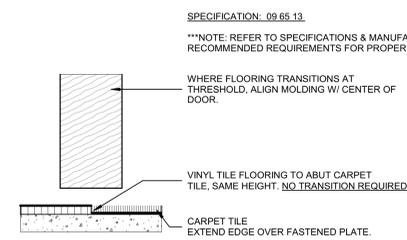
**4A CUSTOM BUILT-IN CABINET**  
3/4" = 1'-0"



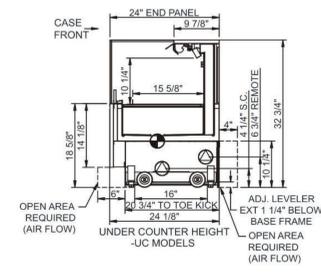
**3A BUILT-IN MILLWORK - SECTION DETAIL**  
3/4" = 1'-0"



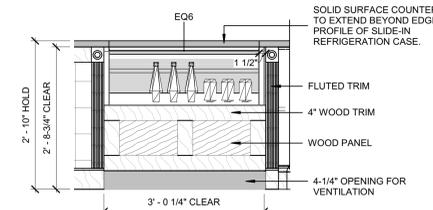
**1B FLOOR TRANSITION - VINYL/PORCELAIN TILE**  
3" = 1'-0"



**1A FLOORING TRANSITION - VINYL/CARPET DETAIL**  
6" = 1'-0"



**6A LOOSE EQUIPMENT - COOLER SECTION**  
3/4" = 1'-0" SHOWN FOR REFERENCE



**5A SERVICE COUNTER - BUILT-IN COOLER DETAIL**  
3/4" = 1'-0"

Project No. 2019-054.WSR  
Project Date 03.28.2023  
Produced LGK



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#	Revision	Date
A2	Addendum #2	04.20.2023

1446 E Washington St.  
Indianapolis, IN 46201

KEY PLAN

INTERIOR SECTIONS AND DETAILS

I-301

265119/265619/26213.1 - INTERIOR/EXTERIOR/EMERGENCY & EXIT LIGHT FIXTURES SCHEDULE												
LABEL	DESCRIPTION	VOLTAGE	TYPE	SOURCE			MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABEL	
				LUMENS	WATTS	CCT						
E1	LED EMERGENCY LIGHT, 25" ON CENTER COVERAGE, ADJUSTABLE OPTICS, SELF-DIAGNOSTIC, WHITE FINISH, SEALED NICKEL-CADMIUM BATTERY.	120 V	LED	N/A	10 W	N/A	UNIVERSAL	2 ADJUSTABLE OPTICS	N/A	SURE-LITES SEL25 DUAL-LITE EV LITHONIA ELM2	E1	
L1	4" SQUARE LED DOWNLIGHT, SELF-FLANGED TRIM, 0-10V DIMMING.	120 V	LED	1,000 LM	11 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LDSQ48 PRESCOLITE LTR-4SQD GOTHAM EVO	L1	
L1E	4" SQUARE LED DOWNLIGHT, SELF-FLANGED TRIM, 0-10V DIMMING, INTEGRAL BATTERY INVERTER.	120 V	LED	1,000 LM	11 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LDSQ48 PRESCOLITE LTR-4SQD GOTHAM EVO	L1E	
L2	4" SQUARE LED DOWNLIGHT, SELF-FLANGED TRIM, 0-10V DIMMING.	120 V	LED	1,500 LM	16 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LDSQ48 PRESCOLITE LTR-4SQD GOTHAM EVO	L2	
L2E	4" SQUARE LED DOWNLIGHT, SELF-FLANGED TRIM, 0-10V DIMMING, INTEGRAL BATTERY INVERTER.	120 V	LED	1,500 LM	16 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LDSQ48 PRESCOLITE LTR-4SQD GOTHAM EVO	L2E	
L2W	4" SQUARE LED WALL WASH DOWNLIGHT, SELF-FLANGED TRIM, 0-10V DIMMING.	120 V	LED	1,500 LM	16 W	3000 K	RECESSED IN DRYWALL	WALL WASH SEMI-SPECULAR CLEAR	ES	PORTFOLIO LDSQ48 PRESCOLITE LTR-4SQD GOTHAM EVO	L2W	
L3	2X4 EDGE LIT LED FLAT PANEL, 0-10V DIMMING.	120 V	LED	3,800 LM	35 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA SRP24 LITHONIA EPANL 24	L3	
L4	2X4 EDGE LIT LED FLAT PANEL, 0-10V DIMMING.	120 V	LED	5,400 LM	55 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA SRP24 LITHONIA EPANL 24	L4	
L5E	24" LONG LED STAIR FIXTURE, 18 GAUGE STEEL, INTEGRAL ULTRASONIC ZONELESS ACTIVATED SENSOR, BLACK FINISH, INTEGRAL BATTERY INVERTER.	120 V	LED	4,000 LM	25 W	3500 K	HORIZONTAL ON WALL	CLEAR PRISMATIC	N/A	LUMINAIRE TSL9 NEW STAR LIGHTING VICWZ PARAMOUNT PMVRSW1	L5E	
L6E	48" LONG LED STAIR FIXTURE, 18 GAUGE STEEL, INTEGRAL ULTRASONIC ZONELESS ACTIVATED SENSOR, BLACK FINISH, INTEGRAL BATTERY INVERTER.	120 V	LED	7,600 LM	50 W	3500 K	SURFACE MOUNTED	CLEAR PRISMATIC	N/A	LUMINAIRE TSL9 NEW STAR LIGHTING VICWZ PARAMOUNT PMVRSW1	L6E	
L7	4" LENSED LED STRIP LIGHT, 0-10V DIMMING, WHITE FINISH.	120 V	LED	3,000 LM	27 W	3500 K	SURFACE MOUNTED	SEMI-FROSTED CURVED LENS	DLC	METALUX SNLED COLUMBIA MPS LITHONIA CLX	L7	
L8	4" LENSED LED STRIP LIGHT, 0-10V DIMMING, WHITE FINISH.	120 V	LED	3,000 LM	27 W	3500 K	SURFACE/WALL	SEMI-FROSTED CURVED LENS	DLC	METALUX SNLED COLUMBIA MPS LITHONIA CLX	L8	
L9	4" LENSED LED STRIP LIGHT, 0-10V DIMMING, WHITE FINISH.	120 V	LED	5,000 LM	45 W	3500 K	CHAIN MOUNTED TO STRUCTURE	SEMI-FROSTED CURVED LENS	DLC	METALUX SNLED COLUMBIA MPS LITHONIA CLX	L9	
L10	14" ROUND OPAL WHITE GLASS LED PENDANT, STEM SUSPENDED, BRASS FINISH, 0-10V DIMMING.	120 V	LED	1,800 LM	25 W	2700 K	48" LONG STEM SUSPENDED	OPAL WHITE GLASS DIFFUSER	N/A	OCL LIGHTING SC1-P1AA-14 PROVIDE AN ALLOWANCE OF \$1,836 PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	L10	
L11	24" ROUND LED RING PENDANT WITH 6 GLOBE DIFFUSERS, MATTE BLACK AND BRUSHED GOLD FINISH, LINE VOLTAGE ELV DIMMING.	120 V	LED	5,000 LM	60 W	3000 K	SUSPENDED	WHITE FROSTED ACRYLIC GLOBE SHADES	N/A	ALORA TAGLIATO PROVIDE AN ALLOWANCE OF \$750 PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	L11	
L12	8-LAMP CENTRAL DROP SWAG PENDANT W/ HOOKS FOR EACH LAMP CORD, MINIMUM 72" LAMP CORD LENGTH, BLACK FINISH.	120 V	(8) MEDIUM BASE, 60W EQUIVALENT LED LAMPS	5,600 LM	64 W	2700 K	CENTRAL SURFACE MOUNTING, MULTIPLE CORD SUSPENDED LAMPS	N/A	N/A	STONE LIGHTING SWG30107 PROVIDE AN ALLOWANCE OF \$1,103 PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	L12	
L13	ART DECO STYLE, 4 GLOBE VANITY FIXTURE, AGED GOLD FINISH, DAMP LOCATION LISTED.	120 V	(4) MEDIUM BASE, 60W EQUIVALENT LED LAMPS	3,000 LM	32 W	2700 K	SURFACE/WALL	(4) OPAL GLASS GLOBES	N/A	ALORA AMELIA PROVIDE AN ALLOWANCE OF \$365 PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	L13	
L14	8-POINT STAR GLASS CEILING FITTER, BRASS FINISHED STEEL FRAME.	120 V	(2) MEDIUM BASE, 60W EQUIVALENT LED LAMPS	1,400 LM	16 W	2700 K	SURFACE	CLEAR, SEEDED GLASS	N/A	JOSS & MAIN PUTNAM PROVIDE AN ALLOWANCE OF \$210 PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	L14	
L15	2" WIDE LENSED LINEAR ACOUSTIC BAFFLE PENDANT, 120" LONG, 0-10V DIMMING, CITRINE (CT) FELT BAFFLE FINISH, FELT BAFFLE END CAPS.	120 V	LED	4500 LM	39 W	3000 K	AIRCRAFT CABLE SUSPENDED	SMOOTH FROSTED ACRYLIC LENS	N/A	LIGHTART ACC-STR-BEAM PROVIDE AN ALLOWANCE OF \$2,048 PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	L15	
L16	ROUND LED PENDANTS INTEGRATED INTO ACOUSTIC PANEL SYSTEM, 40% OF FELT PANELS TO BE STEEL BLUE (STB), 60% OF FELT PANELS TO BE OPAL (OP).	120 V	LED	900 LM	10 W	3000 K	AIRCRAFT CABLE SUSPENDED	28 DEGREE NARROW FLOOD DISTRIBUTION	N/A	LIGHTART TRELIS CHEVRON 2X4 PROVIDE AN ALLOWANCE OF \$24,170 PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	L16	
L17	3" ROUND LED TILT-ADJUSTABLE CYLINDER TRACK FIXTURE, FLOOD DISTRIBUTION (44"), LINE VOLTAGE ELV DIMMING, BLACK FINISH, PROVIDE ALL REQUIRED TRACK AND ACCESSORIES FOR A COMPLETE OPERABLE FIXTURE ASSEMBLY.	120 V	LED	1,000 LM	10 W	2700 K	TRACK SYSTEM	FLOOD DISTRIBUTION	ES	CONTECH CTL84 PROVIDE AN ALLOWANCE OF \$358 PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	L17	
L18	3" ROUND LED TILT-ADJUSTABLE CYLINDER FIXTURE, FLOOD DISTRIBUTION (44"), LINE VOLTAGE ELV DIMMING, BLACK FINISH, PROVIDE ALL REQUIRED MONO-POINT ADAPTORS AND ACCESSORIES FOR A COMPLETE OPERABLE FIXTURE ASSEMBLY.	120 V	LED	1,000 LM	10 W	2700 K	SURFACE MOUNTED	FLOOD DISTRIBUTION	ES	CONTECH CTL84 PROVIDE AN ALLOWANCE OF \$335 PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	L18	
L19	2" LENSED LED STRIP LIGHT, 0-10V DIMMING, WHITE FINISH.	120 V	LED	2,500 LM	23 W	3500 K	CHAIN MOUNTED TO STRUCTURE	SEMI-FROSTED CURVED LENS	DLC	METALUX SNLED COLUMBIA MPS LITHONIA CLX	L19	
L20	LED WALL LIGHT, DIE-CAST ALUMINUM HOUSING, HINGED DOOR FRAME, DARK BRONZE FINISH, U.L. LISTED FOR WET LOCATIONS.	120 V	LED	2,200 LM	30 W	4000 K	WALL MOUNTED	TYPE III DISTRIBUTION	DLC	MCGRAW-EDISON ISS SPAULDING OSP LITHONIA WSO	L20	
L21	4" SQUARE LED DOWNLIGHT, SELF-FLANGED TRIM, 0-10V DIMMING.	120 V	LED	1,500 LM	16 W	4000 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LDSQ48 PRESCOLITE LTR-4SQD GOTHAM EVO	L21	
X1C	LED EXIT LIGHT, MATTE BLACK DIE-CAST ALUMINUM HOUSING, BRUSHED ALUM. SINGLE FACE, STENCIL FACE, RED LETTERS, SELF-POWERED, NICKEL-CADMIUM BATTERY, SELF-DIAGNOSTIC/SELF-TESTING MODULE.	120 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X1C	
X1W	LED EXIT LIGHT, MATTE BLACK DIE-CAST ALUMINUM HOUSING, BRUSHED ALUM. SINGLE FACE, STENCIL FACE, RED LETTERS, SELF-POWERED, NICKEL-CADMIUM BATTERY, SELF-DIAGNOSTIC/SELF-TESTING MODULE.	120 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X1W	
X2C	LED EXIT LIGHT, MATTE BLACK DIE-CAST ALUMINUM HOUSING, BRUSHED ALUM. DUAL FACE, STENCIL FACE, RED LETTERS, SELF-POWERED, NICKEL-CADMIUM BATTERY, SELF-DIAGNOSTIC/SELF-TESTING MODULE.	120 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X2C	

GENERAL LIGHT FIXTURE SCHEDULE NOTES	
#	NOTES
A	PROVIDE LAMPS FOR ALL LIGHT FIXTURES SPECIFIED.
B	FOR ALL FLUORESCENT LAMPS, PROVIDE 3600 DEGREE K COLOR TEMPERATURE.
C	PROVIDE ELECTRONIC BALLASTS FOR ALL T8 LAMPS AND COMPACT FLUORESCENT LAMPS.
D	REFER TO LIGHT FIXTURE SCHEDULE AND REFLECTED CEILING PLANS FOR MOUNTING REQUIREMENTS, CEILING TYPES, AND FINAL LOCATIONS. PROVIDE APPROPRIATE MOUNTING TRIM REQUIRED FOR CEILING TYPE.
E	PROVIDE FACTORY INSTALLED DISCONNECTS FOR ALL LINEAR FIXTURES.
F	PROVIDE VIBRATION DAMPERS FOR ALL ALUMINUM & STEEL POLES 20'-0" AND ABOVE.
G	PROVIDE SELF-DIAGNOSTICS AND SELF-TESTING FOR ALL LIFE SAFETY FIXTURES (EXIT FIXTURES, WALL PACKS, INVERTERS BALLASTS, ETC.)

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Project No. 2019-054.WSR  
Project Date 03.28.2023  
Produced EAG

Sarah K. Hempstead  
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#	Revision	Date
A2	Addendum #2	04.19.2023

262913.1 - LIGHTING CONTACTORS SCHEDULE														
LABEL	LOCATION			EQUIPMENT RATINGS				COIL CIRCUIT			CONTROL	CIRCUIT(S) CONTROLLED	REMARKS	
	NUMBER	NAME		VOLTAGE	AMPERAGE	POLES	NEMA ENCL	ACCESSORIES	VOLTAGE	PANEL				CIRCUIT
LC-1	109	ELEC		600 V	30 A	4	NEMA 1	H-O-A PILOT LIGHT	120 V	1201	28	PHOTOCELL LOCATED ON ROOF	1201-24	

262816.1 - ENCLOSED SWITCHES & CIRCUIT BREAKERS SCHEDULE												
LABEL	LOCATION			EQUIPMENT SERVED	EQUIPMENT RATINGS				ACCESSORIES		REMARKS	
	NUMBER	NAME			VOLTAGE	POLES	AMPERAGE	FUSED	FUSE SIZE	NEMA ENCL		AUX CONTACTS
DS-1			PANELBOARD MDP	240 V	3	200 A	Yes	200 A	3R	(1) N.O. / N.C.	Yes	
DS-2	107	JANITOR	DWH-1	240 V	2	30 A	Yes	15 A	1	(1) N.O. / N.C.	Yes	
DS-3	108	MECH	FCU-3	240 V	2	30 A	Yes	15 A	1	(1) N.O. / N.C.	Yes	
DS-4	105	MECH	FCU-4	240 V	2	30 A	Yes	20 A	1	(1) N.O. / N.C.	Yes	
DS-5	206	MECH	FCU-1	240 V	2	30 A	Yes	15 A	1	(1) N.O. / N.C.	Yes	
DS-6	206	MECH	FCU-2	240 V	2	30 A	Yes	20 A	1	(1) N.O. / N.C.	Yes	
DS-7			CU-1	240 V	2	30 A	Yes	25 A	3R	(1) N.O. / N.C.	No	
DS-8			CU-2	240 V	3	60 A	Yes	40 A	3R	(1) N.O. / N.C.	No	
DS-9			CU-3	240 V	2	30 A	Yes	30 A	3R	(1) N.O. / N.C.	No	
DS-10			CU-4	240 V	3	60 A	Yes	50 A	3R	(1) N.O. / N.C.	No	

262913/262923.1 - ENCLOSED & VARIABLE-FREQUENCY MOTOR CONTROLLERS SCHEDULE														
LABEL	LOCATION			EQUIPMENT SERVED	EQUIPMENT RATINGS				STARTER		DISCONNECT SWITCH		REMOTE CAPACITOR	REMARKS
	NUMBER	NAME			VOLTAGE	PHASE	HP	FLA	NEMA ENCL	TYPE	NEMA SIZE	TYPE		
MS-1	207	ELEC	EF-1	120 V	1	1/20	0.9 A	1	-	-	-	-	FRACTIONAL HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS.	
MS-2	207	ELEC	EF-2	120 V	1	1/20	0.9 A	1	-	-	-	-	FRACTIONAL HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS.	
MS-3	107	JANITOR	EF-3	120 V	1	1/20	0.9 A	1	-	-	-	-	FRACTIONAL HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS.	
MS-4	107	JANITOR	EF-4	120 V	1	1/20	0.9 A	1	-	-	-	-	FRACTIONAL HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS.	
MS-5	107	JANITOR	EF-5	120 V	1	1/20	0.9 A	1	-	-	-	-	FRACTIONAL HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS.	
MS-6	107	JANITOR	HWCP-1	120 V	1	1/12	1.6 A	1	-	-	-	-	FRACTIONAL HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS.	

263323.1 - CENTRAL BATTERY EQUIPMENT FOR EMERGENCY LIGHTING SCHEDULE												
LABEL	LOCATION			EQUIPMENT RATINGS				INPUT/OUTPUT CIRCUIT		ACCESSORIES	REMARKS	
	NUMBER	NAME		VOLTAGE	MINIMUM OUTPUT FOR 90-MINUTES (WVA)	MOUNT	NEMA ENCL	PANEL	CIRCUIT			
Mi-1	109	ELEC		120/277V	375	SURFACE	1	1201	26	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM		
Mi-2	207	ELEC		120/277V	375	SURFACE	1	2201	8	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM		

1446 E Washington St.  
Indianapolis, IN 46201

KEY PLAN

DAMIEN CENTER  
ONE HOME FOR HIV WELLNESS  
1446 E Washington Street Renovation

1446 E Washington Street Renovation

LIGHTING AND EQUIPMENT SCHEDULES

E-602

TELECOMMUNICATIONS DEFINITIONS AND ABBREVIATIONS

DEFINITIONS

ACCEPTANCE TEST - A TEST OR SET OF TESTS PERFORMED TO DEMONSTRATE SATISFACTORY COMPLETION OF A PREDETERMINED TASK OR GROUP OF TASKS ON WHICH ACCEPTANCE IS DEPENDANT.
ACCESS POINT (AP) - THE CENTRAL OR CONTROL POINT IN A WIRELESS CELL THAT ACTS AS A LINK FOR TRAFFIC TO AND FROM WIRELESS DEVICES IN THE CELL. THE AP ALSO CONNECTS WIRELESS DEVICES TO THE WIRED PORTION OF THE NETWORK.
ACTIVE CIRCUIT - A VOICEDATA/VIDEO CHANNEL CONNECTED TO A CIRCUIT.
ACTIVE EQUIPMENT - ENERGIZED EQUIPMENT USED FOR RECEIVING OR TRANSMITTING ANALOG OR DIGITAL SIGNALS.
ADMINISTRATION - THE METHODOLOGY DEFINING THE DOCUMENTATION REQUIREMENTS OF A CABLING SYSTEM AND ITS CONTAINMENT, THE LABELING OF FUNCTIONAL ELEMENTS AND THE PROCESS BY WHICH MOVES, ADDS, AND CHANGES ARE RECORDED. (ISO)
ALIEN CROSSTALK - UNWANTED TRANSFER OF SIGNAL FROM ONE OR MORE CIRCUITS IN A GIVEN CABLE TO OTHER CIRCUITS IN ANOTHER CABLE.
ATTENUATION - THE DECREASE IN MAGNITUDE OF TRANSMISSION SIGNAL BETWEEN POINTS, EXPRESSED IN DB AS THE RATIO OF OUTPUT TO INPUT SIGNAL LEVEL.
ATTENUATION-TO-CROSSTALK RATIO (ACR) - THE RATIO OBTAINED BY SUBTRACTING INSERTION LOSS (ATTENUATION [DB]) FROM NEAR-END CROSSTALK (DB). ACR IS NORMALLY STATED AT A GIVEN FREQUENCY. SEE SIGNAL-TO-NOISE RATIO.
BACKBONE - A FACILITY (E.G., PATHWAY, CABLE, OR CONDUCTORS) BETWEEN ANY OF THE FOLLOWING SPACES: TELECOMMUNICATIONS ENCLOSURES, TELECOMMUNICATIONS ROOMS, EQUIPMENT ROOMS, AND ENTRANCE FACILITIES.
BACKBONE BONDING CONDUCTOR - A COPPER CONDUCTOR EXTENDING FROM THE TELECOMMUNICATIONS MAIN GROUNDING BUSBAR TO THE FARTHEST FLOOR TELECOMMUNICATIONS GROUNDING BUSBAR. (TIA)
BALANCED TWISTED-PAIR CABLE - A MULTI-CONDUCTOR CABLE COMPRISING TWO OR MORE COPPER CONDUCTORS TWISTED IN A MANNER DESIGNED TO CANCEL ELECTRICAL INTERFERENCE.
BANDWIDTH - A MEASURE OF THE RANGE OF FREQUENCIES ASSOCIATED WITH A GIVEN SIGNAL OR COMMUNICATIONS CHANNEL, TYPICALLY EXPRESSED IN HERTZ. IT IS USED TO DENOTE THE POTENTIAL TRANSMISSION CAPACITY OF THE MEDIUM, DEVICE, OR SYSTEM.
BEND RADIUS - 1. MAXIMUM RADIUS THAT A CABLE CAN BE BENT TO AVOID PHYSICAL OR ELECTRICAL DAMAGE OR CAUSE ADVERSE TRANSMISSION PERFORMANCE. 2. RADIUS OF CURVATURE THAT A MEDIA CAN BEND WITHOUT SIGNAL DEGRADATION.
BICSI - AN INTERNATIONAL TELECOMMUNICATIONS ASSOCIATION.
BONDING - THE PERMANENT JOINING OF METALLIC PARTS TO FORM AN ELECTRICALLY CONDUCTIVE PATH THAT WILL ENSURE ELECTRICAL CONTINUITY AND THE CAPACITY TO CONDUCT SAFELY ANY CURRENT LIKELY TO BE IMPOSED. (TIA)
BONDING CONDUCTOR (BC) - A CONDUCTOR USED SPECIFICALLY FOR THE PURPOSE OF BONDING.
BONDING CONDUCTOR FOR TELECOMMUNICATIONS (BCT) - A CONDUCTOR THAT INTERCONNECTS THE BUILDINGS SERVICE EQUIPMENT (POWER) GROUND TO THE TELECOMMUNICATIONS GROUNDING SYSTEM.
BORING - A METHOD TO DISPLACE EARTH UNDER THE GROUND WITHOUT BREAKING THE GROUND SURFACE (TRENCHING) OR CUTTING GROUND SURFACES (E.G., SIDEWALKS, DRIVEWAYS, PARKING LOTS, AND ROAD SURFACES). NORMALLY, AS DIRT IS DISPLACED OR REMOVED, CONDUIT IS INSERTED.
CABLING SYSTEM - A SPECIFIC SYSTEM OF TELECOMMUNICATIONS CABLES, EQUIPMENT/PATCH CORDS, CONNECTING HARDWARE, AND OTHER COMPONENTS THAT IS SUPPLIED AS A SINGLE ENTITY.
CARD READER - A SECURITY SYSTEM DEVICE THAT READS CODED CARDS.
CATEGORY - A RATING THAT DEFINES THE PERFORMANCE OF CABLING COMPONENTS AND SYSTEMS.
CELL - THE FIXED AREA IN WHICH A WIRELESS DEVICES OPERATES.
COMMUNICATIONS - SEE TELECOMMUNICATIONS.
CROSS-CONNECT - A FACILITY ENABLING THE TERMINATION OF CABLE ELEMENTS AND THEIR INTERCONNECTION OR CROSS-CONNECTION. (TIA)
CROSSTALK - UNWANTED TRANSFER OF SIGNAL FROM ONE OR MORE CIRCUITS TO OTHER CIRCUITS.
CUTOVER - THE PROCESS OF SWITCHING FROM OLD NETWORK COMPONENTS TO NEW NETWORK COMPONENTS.
DAISY-CHAIN TOPOLOGY - DEVICES ARE CONNECTED IN SERIES, ONE AFTER THE OTHER, AND THE TRANSMITTED SIGNALS GO TO THE FIRST DEVICES, THEN THE SECOND, ETC.
DATA - ELECTRONICALLY ENCODED INFORMATION. (TIA)
DATA COMMUNICATION - THE TRANSMISSION AND RECEPTION OF ELECTRONICALLY CODED INFORMATION.
DATA NETWORK - AN INTERCONNECTED SYSTEM OF COMPUTERS, PERIPHERALS, AND SOFTWARE OVER WHICH COMMANDS, FILES, AND MESSAGES ARE SENT AND RECEIVED.
DECIBEL (DB) - A LOGARITHMIC UNIT FOR MEASURING THE RELATIVE POWER OR STRENGTH OF A SIGNAL.
DELAY SKEW - THE DIFFERENCE IN PROPAGATION DELAY BETWEEN ANY TWO PAIRS WITHIN THE SAME CABLE SHEATH. (TIA)
DEMARICATION POINT (DP) - 1. A POINT WHERE THE OPERATIONAL CONTROL OR OWNERSHIP CHANGES. (TIA) 2. THE POINT OF INTERFACE BETWEEN SERVICE PROVIDERS AND CUSTOMER FACILITIES.
DIELECTRIC - 1. THE NONCONDUCTIVE PROPERTIES OF AN INSULATING MATERIAL THAT RESISTS THE PASSAGE OF ELECTRIC CURRENT. THE INSULATION SURROUNDING A COPPER CONDUCTOR IS KNOWN AS A DIELECTRIC. 2. A MATERIAL THAT IS NONMETALLIC AND NONCONDUCTIVE. 3. A NONCONDUCTOR OF DIRECT ELECTRIC CURRENT.
DIRECT-BURIED CABLE - A TELECOMMUNICATIONS CABLE DESIGNED TO BE INSTALLED UNDER THE SURFACE OF THE EARTH, IN DIRECT CONTACT WITH THE SOIL. (TIA)
ELECTROMAGNETIC INTERFERENCE (EMI) - RADIATED OR CONDUCTED ELECTROMAGNETIC ENERGY THAT HAS AN UNDESIRABLE EFFECT ON ELECTRONIC EQUIPMENT OR SIGNAL TRANSMISSIONS. (TIA)
EQUAL LEVEL FAR-END CROSSTALK (ELFEXT) - CROSSTALK MEASURED AT THE OPPOSITE END FROM WHICH THE DISTURBING SIGNAL IS TRANSMITTED, NORMALIZED BY THE ATTENUATION CONTRIBUTION OF THE CABLE OR CABLING.
FAR-END CROSSTALK (NEXT) LOSS - A MEASURE OF THE UNWANTED SIGNAL COUPLING FROM A TRANSMITTER AT THE NEAR END INTO ANOTHER PAIR MEASURED AT THE FAR END, AND RELATIVE TO THE TRANSMITTED SIGNAL LEVEL. ALSO CALLED NEXT LOSS. (TIA)
FAULT TOLERANCE - THE ABILITY OF A SYSTEM TO CONTINUE OPERATIONS AFTER THE FAILURE OF ONE OR MORE COMPONENTS.
FIBER OPTICS - A COMMUNICATION SYSTEM THAT USES OPTICAL FIBER AS ITS MEDIUM.
GIGABIT PER SECOND (GB/S) - A TRANSMISSION RATE DENOTING ONE BILLION BITS PER SECOND.
GIGAHERTZ (GHZ) - A UNIT OF FREQUENCY DENOTING ONE BILLION CYCLES PER SECOND (HERTZ).
HERTZ (HZ) - 1. A UNIT OF MEASURE USED TO EXPRESS THE RANGE OF FREQUENCIES ASSOCIATED WITH A GIVEN SIGNAL OR COMMUNICATIONS CHANNEL. THIS RANGE IS ALSO CALLED BANDWIDTH. 2. A UNIT OF FREQUENCY EQUAL TO ONE CYCLE PER SECOND.
HOME RUN - A PATHWAY OR CABLE BETWEEN TWO LOCATIONS WITHOUT A SPLICE OR INTERMEDIATE TERMINATIONS POINTS IN BETWEEN.
HORIZONTAL CABLE - 1. A PERMANENT ELEMENT OF THE HORIZONTAL CABLING THAT CONNECTS THE TELECOMMUNICATIONS OUTLET/CONNECTOR AT THE WORK AREA AND THE FIRST PIECE OF CONNECTING HARDWARE IN THE HORIZONTAL OR MAIN CROSS-CONNECT. 2. FOUR PAIR 24 AWG UNSHIELDED TWISTED PAIR (UTP).
HORIZONTAL CROSS-CONNECT - A GROUP OF CONNECTORS THAT ALLOWS EQUIPMENT AND BACKBONE CABLING TO BE CROSS-CONNECTED.
INNERDUCT - A NONMETALLIC RACEWAY, USUALLY CIRCULAR, PLACED WITHIN A LARGER PATHWAY. (TIA)
INTERMEDIATE CROSS-CONNECT (IC) - THE CONNECTION POINT BETWEEN A BACKBONE CABLE THAT EXTENDS FROM THE MAIN CROSS-CONNECT AND THE BACKBONE CABLE FROM THE HORIZONTAL CROSS-CONNECT.
LATENCY - THE TIME IT TAKES FOR A SIGNAL TO PASS THROUGH A DEVICE OR NETWORK.
LOW-VOLTAGE CABLING/CABLING SYSTEM - TELECOMMUNICATIONS SIGNALING (INCLUDES BUILDING AUTOMATION SIGNALING) VOLTAGE LEVELS ARE TYPICALLY POWER LIMITED WHEN COMPARED TO ELECTRICAL POWER CIRCUITS THAT CAN VARY FROM 120 VOLTS ALTERNATING CURRENT (AC) TO 240 VOLTS AC IN COMMERCIAL BUILDINGS. CIRCUITS TYPICALLY USE AN INHERENTLY LIMITED POWER SOURCE WITHOUT OVER-CURRENT PROTECTION OR A NONINHERENTLY LIMITED POWER SOURCE WHERE OVERCURRENT PROTECTION IS REQUIRED. SINCE TELECOMMUNICATIONS CABLING SYSTEMS ARE NOT USED TO DISTRIBUTE ELECTRICAL POWER, THE SIGNALING THAT OCCURS ON THESE COPPER-BASED SYSTEMS IS GENERALLY DESCRIBED AS LOW VOLTAGE.
MAIN CROSS-CONNECT (MC) - THE CROSS-CONNECT NORMALLY LOCATED IN THE (MAIN) TELECOMMUNICATIONS EQUIPMENT ROOM (ER) FOR CROSS-CONNECT AND INTERCONNECTION OF ENTRANCE CABLES, FIRST-LEVEL BACKBONE CABLES, AND EQUIPMENT CABLES.
NEAR-END CROSSTALK (NEXT) LOSS - 1. THE UNWANTED SIGNAL COUPLING BETWEEN PAIRS. IT IS MEASURED AT THE END OF A CABLE NEAR THE POINT OF TRANSMISSION. CONTRAST WITH FAR-END CROSSTALK. 2. THE SIGNAL TRANSFER BETWEEN CIRCUITS AT THE SAME (NEAR) END OF THE CABLE.
NETWORK - A GROUP OF THREE OR MORE NODES THAT CAN COMMUNICATE WITH EACH OTHER, EITHER DIRECTLY THROUGH CABLING OR INDIRECTLY THROUGH REPEATERS TO SEPARATE CABLING.
OUTSIDE PLANT (OSP) - TELECOMMUNICATIONS INFRASTRUCTURE DESIGNED FOR INSTALLATION EXTERIOR TO BUILDINGS.
PAIR - TWO INSULATED WIRES TWISTED AROUND EACH OTHER.
PAIR TWIST - THE UNIFORM TWIST OF AN INSULATED COPPER PAIR THAT HELPS TO REDUCE THE NEGATIVE EFFECTS OF CAPACITANCE IMBALANCE AND ELECTROMAGNETIC INDUCTION.
PATCH CORD - A LENGTH OF CABLE WITH A PLUG ON ONE OR BOTH ENDS.
PATCH PANEL - A CONNECTING HARDWARE SYSTEM THAT FACILITATES CABLE TERMINATION AND CABLING ADMINISTRATION USING PATCH CORDS.
PATHWAY - 1. A SEQUENCE OF CONNECTIONS THAT PROVIDES THE CONNECTIVITY BETWEEN DEVICES ON A NETWORK OR BETWEEN NETWORKS ON AN INTERNETWORK. 2. THE VERTICAL AND HORIZONTAL ROUTE OF THE TELECOMMUNICATIONS CABLE. 3. A FACILITY FOR THE PLACEMENT OF TELECOMMUNICATIONS CABLE. (TIA) 3. A FACILITY FOR THE PLACEMENT OF TELECOMMUNICATIONS CABLE. (TIA)
POWER SUM - USED TO SPECIFY A COMBINATION CROSSTALK FROM MULTIPLE SOURCES.
POWER SUM ATTENUATION-TO-CROSSTALK RATIO - A RATIO IN DB, DETERMINED BY SUBTRACTING THE INSERTION LOSS FROM THE POWER SUM NEAR-END CROSSTALK LOSS. (TIA)
POWER SUM EQUAL LEVEL FAR-END CROSSTALK (PSELFEXT) - A COMPUTATION OF THE UNWANTED SIGNAL COUPLING FROM MULTIPLE TRANSMITTERS AT THE NEAR-END INTO A PAIR MEASURED AT THE NEAR-END. (TIA)
POWER SUM NEAR-END CROSSTALK (PSNEXT) LOSS - A COMPUTATION OF THE UNWANTED SIGNAL COUPLING FROM MULTIPLE TRANSMITTERS AT THE NEAR-END INTO A PAIR MEASURED AT THE NEAR-END. (TIA)
PULL TENSION - THE PULLING FORCE THAT CAN BE APPLIED TO A CABLE. (TIA)
PUNCH DOWN - THE PROCESS OF TERMINATING COPPER CABLE CONDUCTORS ON INSULATION DISPLACEMENT CONNECTION TERMINALS BY USE OF A HANDHELD TOOL.
QUEUEING - A TECHNIQUE THAT REDUCES TRANSMISSION DELAYS BY CLASSIFYING AND SORTING DATA PRIOR TO PROCESSING BY THE TRANSMITTING DEVICE.
RACEWAY - ANY ENCLOSED CHANNEL DESIGNED FOR HOLDING WIRES OR CABLES. (TIA)
RADIO FREQUENCY INTERFERENCE - ELECTROMAGNETIC INTERFERENCE WITHIN THE FREQUENCY BAND FOR RADIO TRANSMISSION.
RETURN LOSS - A RATIO, EXPRESSED IN DB, OF THE POWER OF THE OUTGOING SIGNAL TO THE POWER OF THE REFLECTED SIGNAL. (TIA)
REVERSED PAIR - A CONDITION IN WHICH THE CONDUCTORS IN A PAIR ARE TERMINATED IN THE WRONG SEQUENCE.
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DEFINITIONS (CONTINUED)

RIBBON CABLE - AN ASSEMBLY OF CONDUCTORS LAD SIDE BY SIDE IN A GEOMETRIC PLANE AND FASTENED TOGETHER.
SCALABILITY - THE ABILITY OF A NETWORK TO GROW WITHOUT DEGRADATION OF QUALITY.
SERVICE LOOP - A SURPLUS OF CABLE AT THE POINT OF TERMINATION TO FACILITATE POTENTIAL FUTURE CHANGES.
SHIELDED ENCLOSURE CABINET - A METAL ELECTRONICS CABINET CONSTRUCTED WITH WELDED SEAMS AND CONDUCTIVE GASKETS ON THE DOORS THAT SERVE AS AN EFFECTIVE SHIELD AGAINST ELECTROMAGNETIC RADIATION.
SPLIT PAIR - TRANPOSITION OF TWO CONDUCTORS OF SEPARATE PAIRS.
STAR TOPOLOGY - A NETWORK TOPOLOGY IN WHICH SERVICES ARE DISTRIBUTED FROM A CENTRAL POINT.
STRUCTURED CABLING SYSTEM - THE COMPLETE COLLECTIVE CONFIGURATION OF TELECOMMUNICATIONS CABLING AND ASSOCIATED HARDWARE AT A GIVEN LOCATION.
SWEEP - BEND THAT HAS A GENTLE ARC RATHER THAN A SHARP BEND.
TELECOMMUNICATIONS - ANY TRANSMISSION, EMISSION, AND RECEPTION OF SIGNS, SIGNALS, WRITINGS, IMAGES, AND SOUNDS, THAT IS, INFORMATION OF ANY NATURE BY CABLE, RADIO, OPTICAL, OR OTHER ELECTROMAGNETIC SYSTEMS. (TIA)
TELECOMMUNICATIONS BONDING BACKBONE - A CONDUCTOR THAT INTERCONNECTS THE TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB) TO THE TELECOMMUNICATIONS GROUNDING BUSBAR (TGB). (TIA)
TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR - A CONDUCTOR INSTALLED FROM EACH PIECE OF EQUIPMENT TO THE TELECOMMUNICATIONS GROUNDING BUSBAR OR TELECOMMUNICATIONS MAIN GROUNDING BUSBAR.
TELECOMMUNICATIONS CABINET - AN ENCLOSURE USED FOR TERMINATING TELECOMMUNICATIONS CABLES, WIRING, AND CONNECTION DEVICES WITH A HINGED COVER, USUALLY FLUSH MOUNTED IN THE WALL. (TIA)
TELECOMMUNICATIONS ENCLOSURE - A CASE OR HOUSING FOR TELECOMMUNICATIONS EQUIPMENT, CABLE TERMINATIONS, AND CROSS-CONNECT CABLING. (TIA)
TELECOMMUNICATIONS ENTRANCE FACILITY - AN ENTRANCE TO A BUILDING FOR BOTH PUBLIC AND PRIVATE NETWORK SERVICE CABLES (INCLUDING WIRELESS) INCLUDING THE ENTRANCE POINT AT THE BUILDING WALL AND CONTINUING TO THE ENTRANCE ROOM OR SPACE. (TIA) 2. A FACILITY THAT PROVIDES ALL NECESSARY MECHANICAL AND ELECTRICAL SERVICES, THAT COMPLY WITH ALL RELEVANT REGULATIONS, FOR THE ENTRY OF TELECOMMUNICATIONS CABLES INTO A BUILDING. (ISO)
TELECOMMUNICATIONS EQUIPMENT ROOM - AN ENVIRONMENTALLY CONTROLLED CENTRALIZED SPACE FOR TELECOMMUNICATIONS EQUIPMENT THAT USUALLY HOUSES A MAIN OR INTERMEDIATE CROSS-CONNECT. (TIA)
TELECOMMUNICATIONS GROUNDING BUSBAR - A COMMON POINT OF CONNECTION FOR TELECOMMUNICATIONS SYSTEM AND EQUIPMENT BONDING TO GROUND, AND LOCATED IN THE TELECOMMUNICATIONS ROOM OR EQUIPMENT ROOM.
TELECOMMUNICATIONS INFRASTRUCTURE - A COLLECTION OF THOSE TELECOMMUNICATIONS COMPONENTS, EXCLUDING EQUIPMENT, THAT TOGETHER PROVIDE THE BASIC SUPPORT FOR THE DISTRIBUTION OF ALL INFORMATION WITHIN A BUILDING OR CAMPUS.
TELECOMMUNICATIONS MAINTENANCE HOLE - A WALL LOCATED IN THE GROUND OR EARTH AS PART OF A UNDERGROUND DUCT SYSTEM AND USED TO FACILITATE PLAGING, CONNECTIONIZATION, AND MAINTENANCE OF CABLES AS WELL AS THE PLACING OF ASSOCIATED EQUIPMENT, IN WHICH IT IS EXPECTED THAT A PERSON WILL ENTER TO PERFORM WORK. (TIA)
TELECOMMUNICATIONS MEDIA - WIRE, CABLE, OR CONDUCTORS USED FOR TELECOMMUNICATIONS. (TIA)
TELECOMMUNICATIONS OUTLET/CONNECTOR - A CONNECTING DEVICE IN THE WORK AREA ON WHICH HORIZONTAL CABLE OR OUTLET CABLE TERMINATES.
TELECOMMUNICATION ROOM - AN ENCLOSED ARCHITECTURAL SPACE FOR HOUSING TELECOMMUNICATIONS EQUIPMENT, CABLE TERMINATIONS, AND CROSS-CONNECT CABLING. (TIA)
TELECOMMUNICATIONS SPACE - AN AREA USED FOR HOUSING THE INSTALLATION AND TERMINATION OF TELECOMMUNICATIONS EQUIPMENT AND CABLE (E.G., COMMON EQUIPMENT ROOMS, EQUIPMENT ROOMS, COMMON TELECOMMUNICATIONS ROOMS, TELECOMMUNICATIONS ROOMS, WORK AREAS, MAINTENANCE HOLES/HANDHOLES). (TIA)
TRANSPROPOSED PAIRS - WHEN TWO PAIRS OF CONDUCTORS ARE TERMINATED IN EACH OTHER'S LOCATION.
UNDERGROUND - REFERS TO CONDUIT AND MAINTENANCE HOLES SYSTEMS INSTALLED BELOW THE SURFACE OF THE GROUND.
UNDERGROUND CABLE - A TELECOMMUNICATIONS CABLE DESIGNED TO BE INSTALLED UNDER THE SURFACE OF THE EARTH IN A TROUGH OR DUCT THAT ISOLATES THE CABLE FROM DIRECT CONTACT WITH THE SOIL. (TIA)
UTILITY COLUMN - AN ENCLOSED PATHWAY EXTENDING FROM THE CEILING TO FURNITURE OR TO THE FLOOR THAT FORMS A PATHWAY FOR ELECTRICAL WIRING, TELECOMMUNICATIONS CABLE, OR BOTH. (TIA)
WORK AREA (WORK STATION) - A BUILDING SPACE WHERE THE OCCUPANTS INTERACT WITH TELECOMMUNICATIONS TERMINAL EQUIPMENT. (TIA)
WORK AREA CABLE (CORD) - A CABLE CONNECTING THE TELECOMMUNICATIONS OUTLET/CONNECTOR TO THE TERMINAL EQUIPMENT.
WORK AREA OUTLET - A CONNECTING DEVICE FOR TERMINATION OF HORIZONTAL MEDIA.

ABBREVIATIONS

8P8C - EIGHT PIN, EIGHT CONECTOR UTP CABLE TERMINATION
ACR - ATTENUATION-TO-CROSSTALK RATIO
ANSI - AMERICAN NATIONAL STANDARDS INSTITUTE
AWG - AMERICAN WIRE GAUGE
BAS - BUILDING AUTOMATION SYSTEM
BC - BONDING CONDUCTOR
BCT - BONDING CONDUCTOR FOR TELECOMMUNICATIONS
BICSI - BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL
CO-OSP - CUSTOMER-OWNED OUTSIDE PLANT
DB - DECIBEL
DEMARC - DEMARICATION POINT
DPS - DOOR POSITION SWITCH
EAC - ELECTRONIC ACCESS CONTROL
EF - ENTRANCE FACILITY
EIA - ELECTRONIC INDUSTRIES ALLIANCE
EMI - ELECTROMAGNETIC INTERFERENCE
ER - TELECOMMUNICATIONS EQUIPMENT ROOM
FCC - FEDERAL COMMUNICATIONS COMMISSION
GB - GIGABIT
GHZ - GIGAHERTZ
HC - HORIZONTAL CROSS-CONNECT
HZ - HERTZ
IBC - INTERCONNECTING BONDING CONDUCTOR
IC - INTERMEDIATE CROSS-CONNECT
IDC - INSULATION DISPLACEMENT CONNECTION (OR)
IEEE - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.
KB - KILOBIT
KB - KILOBYTE
KHZ - KILOHERTZ
KM - KILOMETER
LEC - LOCAL EXCHANGE CARRIER
LAN - LOCAL AREA NETWORK
LASER - LIGHT AMPLIFICATION BY STIMULATED EMISSION OF RADIATION
LED - LIGHT-EMITTING DIODE
MB - MEGABIT
MC - MAIN CROSS-CONNECT
MH - TELECOMMUNICATIONS MAINTENANCE HOLE
MHZ - MEGAHERTZ
MUTO - MULTI-USER TELECOMMUNICATIONS OUTLET
MUTOA - MULTI-USER TELECOMMUNICATIONS OUTLET ASSEMBLY
NOS - NETWORK OPERATING SYSTEM
NEC - NATIONAL ELECTRIC CODE
NFPA - NATIONAL FIRE PROTECTION ASSOCIATION
NTS - NETWORK TRANSPORT SYSTEMS
OS - OPERATING SYSTEM
PSACR - POWER SUM ATTENUATION TO CROSSTALK RATIO
PSELFEXT - POWER SUM EQUAL LEVEL FAR-END CROSSTALK
QOS - QUALITY-OF-SERVICE
RCDD - REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
RFI - RADIO FREQUENCY INTERFERENCE
RFID - RADIO FREQUENCY IDENTIFICATION
RGB - RED, GREEN, BLUE
SONET - SYNCHRONOUS OPTICAL NETWORK
SPOOL - SIMULTANEOUS PERIPHERAL OPERATION ONLINE
TBB - TELECOMMUNICATIONS BONDING BACKBONE
TDDM - TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL
TGB - TELECOMMUNICATIONS GROUNDING BUSBAR
TIA - TELECOMMUNICATIONS INDUSTRY ASSOCIATION
TMGB - TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TR - TELECOMMUNICATIONS ROOM
UTP - UNSHIELDED TWISTED PAIR
VCSEL - VERTICAL CAVITY SURFACE EMITTING LASER
VGA - VIDEO GRAPHICS ARRAY
VOD - VIDEO-ON-DEMAND
VOP - VOICE OVER INTERNET PROTOCOL
WAP - WIRELESS ACCESS POINT
WLAN - WIRELESS LOCAL AREA NETWORK
X - CROSS-CONNECT

TELECOMMUNICATIONS SYS.

Table with columns: TELECOMMUNICATIONS SYS., SCOPE OF WORK, OUTLET INFORMATION, MOUNTING HEIGHT, NOTES. Includes rows for TELECOMMUNICATIONS OUTLET, TELECOMMUNICATIONS COUNTERTOP OUTLET, TELECOMMUNICATIONS AUDIO / VIDEO OUTLET, WIRELESS ACCESS POINT OUTLET (CEILING MOUNTED), CABLE TRAY, TELECOMMUNICATIONS CABINET, TELECOMMUNICATIONS RACK.

SOUND SYSTEMS

Table with columns: SOUND SYSTEMS, SCOPE OF WORK, OUTLET INFORMATION, MOUNTING HEIGHT, NOTES. Includes rows for INTERCOM SPEAKER (CEILING MOUNTED), INTERCOM SPEAKER (WALL MOUNTED), INTERCOM SPEAKER HORN (CEILING MOUNTED), INTERCOM SPEAKER HORN (WALL MOUNTED), MICROPHONE OUTLET (# INDICATES JACK QTY.), VOLUME CONTROL, LOCAL SOUND REINFORCEMENT SPEAKER (CEILING MOUNTED), LOCAL SOUND REINFORCEMENT SPEAKER (WALL MOUNTED), SOUND SYSTEM CENTRAL EQUIPMENT CABINET, CALL-IN BUTTON, BUTTON, WALL MOUNTED CLOCK, RINGER / BELL DEVICE.

SECURITY SYSTEMS

Table with columns: SECURITY SYSTEMS, SCOPE OF WORK, OUTLET INFORMATION, MOUNTING HEIGHT, NOTES. Includes rows for SURVEILLANCE CAMERA (CEILING MOUNTED), SURVEILLANCE CAMERA (WALL MOUNTED), CARD READER, ELECTRONIC ACCESS CONTROL INTERFACE, ACCESS CONTROL, SECURITY CONTROL.

VIDEO SYSTEMS

Table with columns: VIDEO SYSTEMS, SCOPE OF WORK, OUTLET INFORMATION, MOUNTING HEIGHT, NOTES. Includes rows for CEILING MOUNTED DISPLAY MONITOR, WALL-MOUNTED DISPLAY MONITOR.



Project No. 2019-054.WSR
Project Date 03.28.2023
Produced JLB



Revision table with columns: #, Revision, Date. Row 1: A2, Addendum #2, 04.19.2023

1446 E Washington St. Indianapolis, IN 46201



SYMBOLS & ABBREVIATIONS
T-001







## Bidding Questions & Responses

2019-054.WSR

1446-1440 E Washington Street Renovation

Prepared On: 4/19/2023

ID	Question	Answer
<b>BID-001</b>	Atlas would like to bid on the Hollow Metal Doors and Frames (081113) for the project referenced above. Please see the attached Request for Manufacturer Substitution for our preferred manufacturers, along with product data and a project resume. If you need any additional information, please let me know.	See Addendum #1
<b>BID-002</b>	<p>I am reaching out about the Decorative rail spec at the Damien Center.</p> <p>I am trying to figure out if the aluminum rail is a welded system or a non- welded system.</p> <p>Fabrication section 2.7 paragraph "H" makes me believe this is a welded system, however Paragraph "I" makes me believe it's a non-welded/mechanical system. I did not see a basis of design listed in the spec that may clarify this for me.</p>	<p>Response (Answered) from: David McDow (Schmidt Associates) Remarks: See Addendum #2</p>
<b>BID-003</b>	Also, on the finish schedule it calls for PFT-3 in restrooms, however the flooring finish tag in the restrooms 211, 212, 111, 112 call for PFT-2 and PFT-1. Could you please clarify which finish will be in these rooms?	<p>Response (Answered) from: Liam Keesling (Schmidt Associates) Remarks: Restroom finishes are as follows:</p> <p>Restrooms 111 &amp; 112 WALL: CWT-2/VWC-2 FLOOR: PFT-3 BASE: CWT-2 Restrooms 211 &amp; 212 WALL: CWT-1/VWC-3 FLOOR: PFT-3 BASE: CWT-1</p>

ID	Question	Answer
<b>BID-004</b>	I am emailing you with a question regarding the Damien Center Zonies Closet Reno. On the 1st floor finish plan on sheet IN101, in restroom 112, I-201 gives the elevation of 5B but only on one wall which is CWT-2 being installed halfway up the wall, is the wall tile only being installed to this height on this wall or this height all walls excluding the wall with note 5A?	<p>Response (Answered) from: Liam Keesling (Schmidt Associates)</p> <p>Remarks: All walls to receive wall tile. With the exception of the wet wall, all wall tile is to be installed as depicted in elevation 5B. Interior Plan note #3 applies to all restrooms.</p>
<b>BID-005</b>	The MDP is sized at 200A capacity but shows a current load of 284A. This seems to be undersized. Please confirm this is what the owner wants.	<p>Response (Answered) from: Eric Graul (Schmidt Associates)</p> <p>Remarks: The connected load is 284 amps, but the demand load is only 137 amps. Based on the demand loading the building's needs are highly unlikely to ever exceed a 200 amp service. The only way I'm seeing this potentially being an issue is if the owner decided to add 10 or more high load plug-in electrical appliances (like space heaters) that are not currently accounted for on the plans. Additional loads for additional stage lighting and sound equipment should be fine provided they wouldn't be drawing much more than about 10,000 watts.</p> <p>If the owner wants to go up to a 400 amp service we would need to coordinate with AES to increase the size of the service, increase the size of the MDP, and relocate the service entrance equipment outside the building (it would be larger and would not fit where currently shown). All of these would increase cost. Given the demand loading and use of the building I think it would be unnecessary.</p>
<b>BID-006</b>	An audio visual spec is provided on this project, but based on the scope of work provided on T-001 it shows rough in only for the display monitors. Please confirm if the EC is supposed to provide these or not.	<p>Response (Answered) from: Jim Boosey (Schmidt Associates)</p> <p>Remarks: See Addendum #2</p>
<b>BID-007</b>	I am not finding the finish tag MT-1 anywhere on the drawings. It says the location is at the bar/ledge but no elevations show this. could you ask where this tile is to be installed.	<p>Response (Answered) from: Liam Keesling (Schmidt Associates)</p> <p>See Revision to elevation on sheet 3D/I-301</p>

ID	Question	Answer
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