ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY 4-26-18 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

Please see the attached Q/A.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

Jim Sutton

Contracting Officer / (859) 257-5406

SIGNATURE

Typed or Printed Name
Item No. 1  RE: GBBN Addendum No. 01
See attached GBBN Addendum No. 01

Item No. 2  RE: Written Questions and Answers
See attached responses to written questions received by UK Purchasing

Item No. 3  TC-150 Scope Clarification Item 14.f
Clarification: This includes removal of existing terrazzo flooring for entire limits of space. For the purposes of this bid, this work will occur during 3rd shift/weekend premium time hours. (ADDM #1)

Item No. 4  TC-150 Scope Addition Item 14.h.
This contractor is responsible for removing the existing light booms in the new Peds Endo space D86 (ADDM #1)

Item No. 5  TC-150 Scope Addition Item 14.i.
This contractor to include 60 feet of wood safety railing on the 3rd and 5th floor Pav H roofs per direction of the CM. (ADDM #1)

Item No. 6  TC-150 Scope Clarification Item 23.
This membrane shall be compatible with the existing roofing membrane. (ADDM #1)

Item No. 7  TC-150 Scope Clarification Item 32.c.
This includes the lead lined glass in the procedure rooms. (ADDM #1)

Item No. 8  TC-151 Scope Addition Item 14.i.
Include removal of 1,000 sf of two coat suspended plaster ceiling within the 3rd floor mechanical space (under new PICU space). No replacement required. (ADDM #1)

Item No. 9  TC-151 Scope Addition Item 14.j.
Include removal and replacement of 1,000 sf of suspended plaster ceiling above existing 3rd floor H roof (under new PICU space) to allow the installation of new plumbing. (ADDM #1)

Item No. 10  TC-151 Scope Clarification Item 23.d.
Install 1 hour rated ceilings/soffits as shown in 4/A847 (ADDM #1)

Item No. 11  TC-151 Scope Addition Item 27.
This contractor shall provide a 50ft long, 1 hour rated wall on the 5th floor of Pavilion A. This wall will be from floor to deck. Assume fifteen (15) 6” diameter existing MEPT penetrations to firestop. Provide demo of the existing barrier which is currently 8ft tall and constructed of studs and plywood. (ADDM #1)
<table>
<thead>
<tr>
<th>NO.</th>
<th>QUESTION</th>
<th>RESPONDER</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Drawings T310 and T311 refer to Drawing SEC584 for door security details. I cannot find that drawing with the materials I have downloaded from Lynn and the cover sheet index does not reference that drawing. Please clarify or provide.</td>
<td>JV</td>
<td>See attached. Note: Coordinate required monitoring of door position. No REX devices specified. Owner may want to exclude door position monitoring to avoid false alarms.</td>
</tr>
<tr>
<td>2</td>
<td>Drawing T311 notes that cabling goes back to room H401. Drawing T310 notes that cabling goes back to a closet. What closet, exactly?</td>
<td>JV</td>
<td>This is on general notes. EIDF A00058. See attached.</td>
</tr>
<tr>
<td>3</td>
<td>There is a specification for Video Surveillance (282300) but I do not see any video equipment shown on T310 or T311. Should there be?</td>
<td>JV</td>
<td>Video Surveillance is not included in the scope. This was only included as a preemptive action.</td>
</tr>
<tr>
<td>4</td>
<td>There is a specification for Security Management (281300) which specifies the Next Level platform with associated controllers. T311 makes reference, and is the only place such reference is made, to Lenel controllers. Which is correct? Thank you,</td>
<td>JV</td>
<td>Refer to General Note 9 on Security Sheet. Per owner, the system has been updated to Lenel in Pav H. However, it is the contractor's responsibility to verify existing conditions in relation to head end equipment and it's capacity for expansion.</td>
</tr>
<tr>
<td>5</td>
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</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ADDENDUM NO. 1

BY: GBBN Architects, Inc.
609 West Main Street
Louisville, Kentucky 40202
502.583.0700

SUBJECT: University of Kentucky
Renovate/Expand UK Healthcare Facilities (NICU)
UK # 2402.3

FOR: University of Kentucky
222 Peterson Service Building
Lexington, Kentucky 40506

TO: All Bidders of Record

Acknowledge receipt of this Addendum by inserting its number and date in the space provided on the Bid Form. Failure to do so may subject bidders to disqualification. This Addendum forms a part of the Bidding Documents and revises the Bidding Documents as follows:

PART 1 PROJECT MANUAL

1.1 Architectural Specifications

A. Section 08-7100.03 – DOOR HARDWARE SCHEDULE – PEDS_ENDO
   1. Add Hardware Set 113C.
      a. Note that door hardware set 113C was purchased under BP-3. BP-5 adds (2) mag hold open devices to the hardware set.

HARDWARE SET 113C

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>MODEL</th>
<th>MANUFACTURER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 CONT SW CL HINGE</td>
<td>HG329 X 83-1/8 X EPT</td>
<td>32D MA</td>
</tr>
<tr>
<td>4 SHIMS</td>
<td>CHS-2 7&quot;0&quot;</td>
<td>MA</td>
</tr>
<tr>
<td>2 VR EXIT</td>
<td>7160F LBR</td>
<td>630 YA</td>
</tr>
<tr>
<td>2 SURF DOOR EDGE</td>
<td>306B X 83&quot;</td>
<td>32D RO</td>
</tr>
<tr>
<td>2 MOP PLATE</td>
<td>6 X .050 X 3BE X LGTH TO FIT</td>
<td>32D RO</td>
</tr>
<tr>
<td>2 KICK PLATE</td>
<td>6 X .050 X 3BE X LGTH TO FIT</td>
<td>32D RO</td>
</tr>
<tr>
<td>2 CLOSERS</td>
<td>CLP 7500</td>
<td>AL NO</td>
</tr>
<tr>
<td>1 SET SEALS</td>
<td>5050B</td>
<td>AL NG</td>
</tr>
<tr>
<td>1 ASTRAGAL</td>
<td>672A</td>
<td></td>
</tr>
<tr>
<td>2 MAG HOLD OPENS</td>
<td>998</td>
<td>RI</td>
</tr>
</tbody>
</table>
B. Section 08-8000 – GLAZING:
   1. Paragraph 2.5, B: Delete all manufactures except Unicel Vision Control:
   2. Paragraph 2.5, C: Add:
      1. Lead Lined Glass:
         a. In rooms indicated to be lead lined. Provide glass meeting lead equivalency requirements of physicist report specified in 13-4900.

C. Section 09-2410 – PORTLAND CEMENT PLASTERING:
   1. Section added, April 13, 2018

1.2 Mechanical Specifications
   1. None

1.3 Electrical Specifications
   1. None

1.4 Technology Specifications
   1. None

1.5 Plumbing Specifications
   A. Section 22-4000 – PLUMBING FIXTURES
      1. Added specification section 2.8 for electric water cooler with bottle filler. Purchase two (2) coolers to replace existing coolers in the NICU/PEDS ENDO. Locations to be coordinated in the field.

PART 2 DRAWINGS

2.1 General Drawings:
   A. Sheet INDEX:
      1. Add Sheet A605 to drawing index.
      2. Add Sheet A844.1 to drawing index.

2.2 Architectural Drawings:
   A. Sheet A605:
      1. Sheet added BP-5 ADDENDUM 1, April 13, 2018

   B. Sheet A613
      1. Revision clouds on sheet are referencing BP-3 construction changes and can be ignored.

   C. Sheet A614
      1. Revision clouds on sheet are referencing BP-3 construction changes and can be ignored.
D. Sheet A844:
   1. 2/A844:
      a. Sheet Re-issued, BP-5 ADDENDUM 1, April 13, 2018

E. Sheet A844.1:
   1. Sheet added BP-5 ADDENDUM 1, April 13, 2018

F. Sheet A845:
   1. Detail 1/A845: Add flooring note per ASK-ADDM1_02

G. Sheet A847:
   1. Detail 2/A847: Change condoc note 03-5400-A001 to 03-5416-A001 SELF-LEVELING UNDERLAYMENT AND TOPPING

H. Sheet A848:
   1. Detail 5/A848: Add footwall casework per ASK-ADDM1_03

I. Sheet A850:
   1. Add PARTIAL PAV H LEVEL 3 REFLECTED CEILING PLAN 4/A850 per ASK-ADDM1_01

J. Sheet A852:
   1. Detail 12 & 13 / A852: Add footwall casework details per ASK-ADDM1_04.

2.3 Structural Drawings:
   1. None.

2.4 Vendor Drawings:
   1. None

2.5 Mechanical Drawings:
   1. None

2.6 Instrumentation and Control Drawings:
   1. None

2.7 Plumbing Drawings:
   A. Sheet P210:
      1. Removed notes and changed underground sanitary from new to existing.
   B. Sheet P211:
      1. Removed notes and changed the 2” vent pipe from new to existing.

2.8 Electrical Drawings:
   A. Sheet ES210:
      1. Added smoke detectors and door holders at elevator lobby door.
      2. Added additional door holder at corridor HA00100N1 door.
B. Sheet EL210:
   1. Added demo of existing and added new light fixtures in elevator lobby.
   2. Added circuiting and source panel information.

C. Sheet EP210:
   1. Added power for door in corridor HA045A-1.
   2. Added circuiting information.

D. Sheet EP211:
   1. Updated keynotes 9 & 10 to clarify source panel for feeders.
   2. Updated panel tags

2.9 Technology Drawings:

A. Sheet T210:
   1. Added wireless access points.

B. Sheet T211:
   1. Added wireless access points.

PART 3 ATTACHMENTS

3.1 Specifications

A. Specification Sections indicated above.

3.2 Drawings

A. Sheets indicated as issued or re-issued above.

3.3 Sketches

A. Architectural Sketches ASK_ADDM1-01-04

3.4 Copy of RFI's

A. Bid Comments Attached

3.5 Supplemental Information

A. None

END OF ADDENDUM
SECTION 09 2410
PORTLAND CEMENT PLASTERING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Integrally colored exterior portland cement plasterwork (stucco) to match existing
      construction.

B. Items specified elsewhere but provided and installed herein.
   1. Section 08 3100 – Access Doors

C. Related Sections include the following:
   1. Division 05 Section "Cold-Formed Metal Framing": Cold formed metal framing supporting
      Portland cement plaster assemblies.
   2. Division 06 Section "Miscellaneous Rough Carpentry" for wood sheathing included in
      Portland cement plaster assemblies.
   3. Division 06 Section, “Sheathing”: Sheathing types at exterior Portland cement plaster
      assemblies, (wall and ceiling applications), at exterior locations and where identified.
   4. Division 07 Section "Thermal Insulation" for thermal insulations and vapor retarders included
      in Portland cement plaster assemblies.
   5. Division 07 Section "Joint Sealants" for sealants installed with exterior portland cement
      plaster (stucco)

1.2 REFERENCES

A. Work specified herein shall conform to applicable portions of the following referenced standards:
   3. ASTM C1063 Standard Specification for Installation of Lathing and Furring to Receive
      Interior and Exterior Portland Cement-Based Plaster.
   4. Other references as specified herein.

1.3 SUBMITTALS

A. Manufacturer's product data for each type of product installed indicating compliance with
   requirements specified herein.

B. Samples for Initial Selection Samples of colors from manufacturer's full range of standard colors
   for integrally colored cement plaster.

C. Sample for verification: Submit two 12 inch square samples of each type of finish and color
   selected by Architect showing the full range of variations expected in these characteristics.
D. Submit certification that personnel performing work specified herein comply with requirements specified herein under Quality Assurance.

1.4 QUALITY ASSURANCE

A. All work specified herein shall be performed by one plastering sub-contractor with minimum 10 years experience in work of size and scope specified herein, and minimum 3 years experience in plaster work.

B. Personnel performing work specified herein shall be currently enrolled in, or have successfully completed, a prescribed course of formal training as established under the guidelines for the plastering industry by the U.S. Department of Labor.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Store materials inside under cover and keep them dry and protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic, and other causes.

1. Protect metal accessories from rusting; do not install rusted metal accessories

1.6 PROJECT CONDITIONS

A. Comply with ASTM C 926 requirements.

B. Exterior Plasterwork:

1. Apply and cure plaster to prevent plaster drying out during curing period. Use procedures required by climatic conditions, including moist curing, providing coverings, and providing barriers to deflect sunlight and wind.

2. Apply plaster when ambient temperature is greater than 40 deg F.

3. Protect plaster coats from freezing for not less than 48 hours after set of plaster coat has occurred.

C. Factory-Prepared Finishes: Comply with manufacturer's written recommendations for environmental conditions for applying finishes.

PART 2 - PRODUCTS

2.1 METAL LATH


B. Diamond-Mesh Lath: Self-furring

a. Weight: 2.5 lb/sq. yd. unless otherwise indicated

2.2 ACCESSORIES

A. General: Comply with ASTM C 1063 and coordinate depth of trim and accessories with thicknesses and number of plaster coats required.
B. Plastic Accessories: Fabricated from high-impact virgin PVC. Provide with grounds in proper thickness to match assembly thickness:

   a. Small nose cornerbead; use unless otherwise indicated.

2. Casing Beads: With perforated flanges in depth required to suit plaster bases indicated and flange length required to suit applications indicated.
   a. Square-edge style; use unless otherwise indicated.

3. Control Joints: One-piece-type, folded pair of unperforated screeds in M-shaped configuration; with perforated flanges and removable protective tape on plaster face of control joint.
   a. Spacing: Maximum 12 feet: Maximum 120 square feet per segment.

4. Expansion Joints: Two-piece type, formed to produce slip-joint and square-edged 1-1/2-inch wide reveal; with perforated concealed flanges.

2.3 MISCELLANEOUS MATERIALS

A. Water for Mixing: Potable and free of substances capable of affecting plaster set or of damaging plaster, lath, or accessories.

B. Fiber for Base Coat: Alkaline-resistant glass or polypropylene fibers, 1/2 inch long, free of contaminants, manufactured for use in portland cement plaster.

C. Bonding Compound: ASTM C 932.

D. Steel Drill Screws: Stainless Steel: For metal-to-metal fastening, ASTM C 1002 or ASTM C 954, as required by thickness of metal being fastened; with pan head that is suitable for application; in lengths required to achieve penetration through joined materials of no fewer than three exposed threads.

E. Fasteners for Attaching Metal Lath to Substrates: Complying with ASTM C 1063.

F. Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, not less than 0.0475-inch diameter, unless otherwise indicated.

G. Polyester glass fiber reinforcing mesh: At exterior ceilings:

H. Building Paper: ASTM D 226, Type II (No. 30 asphalt-saturated organic felt), unperforated: Two layers.

2.4 PLASTER MATERIALS

A. Portland Cement: ASTM C 150, Type I or Type II.

B. Lime: ASTM C 206, Type S; or ASTM C 207, Type S.

   1. Color: Match Existing.

2.5 PLASTER MIXES

A. General: Comply with ASTM C 926 for applications indicated.
   1. Fiber Content: Add fiber to base-coat mixes after ingredients have mixed at least two minutes. Comply with fiber manufacturer's written instructions for fiber quantities in mixes, but do not exceed 1 lb of fiber/cu. yd. of cementitious materials. Highland Stucco & Lime Products, Inc
   2. Add bonding compound in second and third coats per manufacturer's recommendations.

B. Base-Coat Mixes for Use over Metal Lath: Scratch and brown coats for three-coat plasterwork as follows:
   1. Portland Cement Mixes:
      a. Scratch Coat: For cementitious material, mix 1 part portland cement and 3/4 to 1-1/2 parts lime. Use 2-1/2 to 4 parts aggregate per part of cementitious material.
      b. Brown Coat: For cementitious material, mix 1 part portland cement and 3/4 to 1-1/2 parts lime. Use 3 to 5 parts aggregate per part of cementitious material, but not less than volume of aggregate used in scratch coat.

C. Base-Coat Mixes: Single base coats for two-coat plasterwork as follows:
   1. Portland Cement Mix: For cementitious material, mix 1 part portland cement and 3/4 to 1-1/2 parts lime. Use 2-1/2 to 4 parts aggregate per part of cementitious material.

D. Job-Mixed Finish-Coat Mixes:
   1. Portland Cement Mix: For cementitious materials, mix 1 part portland cement and 3/4 to 1-1/2 parts lime. Use 1-1/2 to 3 parts aggregate per part of cementitious material.


PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas and substrates, with Installer present, and including welded hollow-metal frames, cast-in anchors, and structural framing, for compliance with requirements and other conditions affecting performance of the Work.

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

3.2 PREPARATION

A. Protect adjacent work from soiling, spattering, moisture deterioration, and other harmful effects caused by plastering.
B. Prepare solid substrates for plaster that are smooth or that do not have the suction capability required to bond with plaster according to ASTM C 926.

C. Install access panels furnished in Bid Package 6, Section “Access Doors”.

3.3 INSTALLING METAL LATH

A. Building paper: Install 2-layers over sheathing. Lap to provide two layers at all locations. Install with galvanized screws with oversized plastic washers.
   1. Fastener spacing: 12 inches on centers vertically at every stud.

B. Expanded-Metal Lath: Install according to ASTM C 1063.
   1. Partition Framing and Vertical Furring: Install expanded self furring metal lath over indicated building paper installed over wall sheathing.
   3. Install with galvanized screws with oversized plastic washers.

3.4 INSTALLING ACCESSORIES

A. Install according to ASTM C 1063 and at locations indicated on Drawings.

B. Reinforcement for External Corners:
   1. Install cornerbead at exterior locations.

C. Control Joints: Install control joints at locations indicated on Drawings. but not more than 10 feet spacing in each direction.
   1. As required to delineate plasterwork into areas (panels) of the following maximum sizes:
      a. Horizontal and other Nonvertical Surfaces: 100 sq. ft.
   2. At distances between control joints of not greater than 10 feet o.c.
   3. As required to delineate plasterwork into areas (panels) with length-to-width ratios of not greater than 2-1/2:1.
   4. Where control joints occur in surface of construction directly behind plaster.
   5. Where plasterwork areas change dimensions, to delineate rectangular-shaped areas (panels) and to relieve the stress that occurs at the corner formed by the dimension change.

3.5 PLASTER APPLICATION

A. General: Comply with ASTM C 926.
   1. Do not deviate more than plus or minus 1/4 inch in 10 feet from a true plane in finished plaster surfaces, as measured by a 10-foot straightedge placed on surface.
   2. Finish plaster flush with vinyl grounds and accessories and other built-in items or accessories that act as a plaster ground unless otherwise indicated. Where casing bead does not terminate plaster at provided frame, cut base coat free from metal frame before plaster sets and groove finish coat at junctures with metal.
   3. Provide plaster surfaces that are ready to receive field-applied finishes indicated.

B. Bonding Compound: Apply on unit masonry and concrete plaster bases.
C. Plaster Finish Coats: Apply to provide approved finish to match existing.

3.6 TWO COAT PLASTER APPLICATION

A. Surface Prep: Boards must be free of all bond-inhibiting materials, including dirt, efflorescence, from form oil and other foreign particles. Paint, loose or damaged material must be removed. Irregular surfaces must be resurfaced and leveled to required tolerance and smoothness.

B. Apply base/scratch coat directly over wallboard or block with a clean, stainless steel trowel.
   1. Level base to achieve a smooth uniform base coat of 1/4-inch thick.

C. Installing fiber mesh:
   1. Lay standard 4.5 oz mesh immediately over wet base coat and embed into place with a trowel.
   2. The mesh should be fully embedded and no pattern of the mesh should be visible beneath the surface of base coat.

D. Allow base coat to fully dry before application of finish coat.

E. Apply to provide finish to match Architect's sample

3.7 PLASTER REPAIRS

A. Repair or replace work to eliminate cracks, dents, blisters, buckles, crazing and check cracking, dry outs, efflorescence, sweat outs, and similar defects and where bond to substrate has failed.

3.8 PROTECTION

A. Remove temporary protection and enclosure of other work. Promptly remove plaster from door frames, windows, and other surfaces not indicated to be plastered. Repair floors, walls, and other surfaces stained, marred, or otherwise damaged during plastering.

END OF SECTION
TCCO Note: Plaster repair included as part of TC-151. Reference the work scopes for details. TC-155 to coordinate on exact location and minimum sizing.
TYPICAL PICU FOOTWALL

SCALE: 3/8" = 1'-0"
KEYNOTE

05-5000-A116 EPOXY FLOOR ANCHOR
05-5000-A117 RECEPTION DESK SUPPORT ASSEMBLY
06-4000-A109 3/4-INCH PLASTIC LAMINATE PLYWOOD PANEL
06-4000-A112 3/4" PLYWOOD VENEER PANEL
06-4000-A113 METAL EDGE PROTECTION TRIM
06-4000-A117 WORK SURFACE SUPPORT BRACKET; WALL-MOUNTED STEEL
06-4000-A119 CONTINUOUS HARDWOOD TRIM
06-4000-A120 HARDWOOD EDGE
06-4000-A126 3MM PVC EDGE
06-4000-A128 GROUMET
06-4000-A130 3/4" PLYWOOD CORE
06-4000-A134 PLASTIC LAMINATE CASEWORK
06-4000-A136 CONTINUOUS ALUMINUM ROLL
06-4000-A137 METAL ESCUTCHEON AND 1/2" DIAMETER TUBE; BRUSHED METAL FINISH
06-4000-A140 PLASTIC LAMINATE CLAD SHELVING
06-4000-A141 CONTINUOUS ALUMINUM PULL
06-4000-A142 CASHWRAP DRAWER ASSEMBLY
06-4000-A150 3/8" METAL EDGE PROTECTION PANEL
06-4000-A156 METAL ESCUTCHEON AND 1/2" DIAMETER ROD; BRUSHED METAL FINISH
06-4000-A159 METAL EDGE PROTECTION TRIM
06-6116-A106 3/8" PLASTIC LAMINATE BACKER PANEL
06-6116-A109 INTEGRAL TERRAZZO BASE
06-6116-A113 SOLID SURFACE COUNTERTOP
06-6116-A116 1/4-INCH SOLID SURFACE
06-6116-A117 1/2-INCH SOLID SURFACE
06-6116-A118 SOLID SURFACE WALL CAP
06-6116-A120 1/2-INCH SOLID SURFACE BASE
09-6623-A103 5/8-INCH GYPSUM BOARD
09-2900-A001 5/8-INCH GYPSUM BOARD
08-8000-A111 3/8" TEMPERED GLASS SHELVING
12-3570-A001 MODULAR METAL CASEWORK
12-3570-A002 SOLID SURFACE COUNTERTOP, BACKSPLASH, SIDESPLASH
12-5000-A103 UPHOLSTERED SEAT CUSHION - OXIDE
26-0000-A001 POWER RECEPTACLE(S). REFER TO ELECTRICAL DRAWINGS.
26-0000-A002 LIGHT FIXTURE(S). REFER TO ELECTRICAL DRAWINGS.

ELEVATION DETAIL

SECTION DETAIL

SCALE: 1 1/2" = 1'-0"
INTERSECTIONS OF RATED PARTITIONS

WALL PRIORITY LEGEND

TYPICAL FIRE RATED GYPSUM BOARD DETAILS

PLAN DETAIL - TYP SHAFT INFILL

SECTION DETAIL

TYPICAL GYPSUM BOARD CONTROL JOINT DETAILS

TYPICAL INTERIOR EXPANSION CONTROL DETAILS
GENERAL NOTES - DEMOLITION FLOOR PLAN

1. The areas of the building shown as "DEMO" or "COMPLETE DEMO" are areas of demolition. The scope of demolition will be based on the contract bid and is subject to change due to the outcome of the bid.

2. Demolition shall proceed from the outside in, starting with the exterior walls and moving towards the interior. This will minimize the amount of debris and dust generated.

3. All ceiling grid and wall board shall be removed down to the structural members. Any remaining ceiling grid shall be removed and all wall board shall be removed down to the structural members.

4. All electrical devices shall be removed and relocated. All electrical outlets, cover plates, diffusers, and all wall mounted devices shall be removed.

5. All plumbing fixtures shall be removed and the area shall be cleaned and sanitized.

6. All mechanical systems shall be shut down and all refrigerant shall be removed. The area shall be cleaned and sanitized.

7. All hatched areas indicate complete demolition of the entire area. The area shall be cleared of all debris and dust.

8. The contractor shall be responsible for removing and disposing of all debris and dust generated during the demolition process.

9. The contractor shall be responsible for cleaning and sanitizing the area prior to turnover.

GENERAL NOTES - REFLECTED CEILING PLAN

1. The areas of the building shown as "DEMO" are areas of demolition. The scope of demolition will be based on the contract bid and is subject to change due to the outcome of the bid.

2. All ceiling grid and wall board shall be removed down to the structural members. Any remaining ceiling grid shall be removed and all wall board shall be removed down to the structural members.

3. All electrical devices shall be removed and relocated. All electrical outlets, cover plates, diffusers, and all wall mounted devices shall be removed.

4. All plumbing fixtures shall be removed and the area shall be cleaned and sanitized.

5. All mechanical systems shall be shut down and all refrigerant shall be removed. The area shall be cleaned and sanitized.

6. All hatched areas indicate complete demolition of the entire area. The area shall be cleared of all debris and dust.

7. The contractor shall be responsible for removing and disposing of all debris and dust generated during the demolition process.

8. The contractor shall be responsible for cleaning and sanitizing the area prior to turnover.

SCP SYMBOL LEGEND:

- [Symbol] - Ceiling Outlet
- [Symbol] - Electrical Device
- [Symbol] - Plumbing Fixture
- [Symbol] - Mechanical System
- [Symbol] - Structural Element
- [Symbol] - Demolition Area
- [Symbol] - Complete Demolition Area

Condoc Keynotes:

- [Keynote] - Indicate the specific Condoc Keynote applicable to the project.
- [Keynote] - Keynotes applicable to the project are listed on the Master Bid Pack.
- [Keynote] - The nomenclature of a typical Condoc Keynote is as follows:
- [Keynote] - The suffix "004" refers to the specific Bid Pack, i.e., in this example, Drawing Release "A".
- [Keynote] - e.g.: 09-2216-A004 3-5/8" METAL STUD
- [Keynote] - The tennomenclature of a typical Condoc Keynote is as follows:
- [Keynote] - KEYNOTE AND CEILING GRIDS. ANY CEILING MOUNTED NURSE CALL, SUPPORTS AND ACCESSORIES. TURN OVER TO OWNER FOR FUTURE USE.
- [Keynote] - SEE ELECTRICAL DEMOLITION DRAWINGS FOR REMOVAL OF RECEIVERS, ZONE LIGHTS, AND/OR DOME LIGHTS SHALL REMAIN.
- [Keynote] - ELECTRICAL DRAWINGS FOR FULL RANGE OF TYPICAL 2X4 FixTURES, TYPICAL 2X4 RECEPTION BAYS, TYPICAL 2X4 WALL LUMPS (EXCEPT VENT), TYPICAL 2X4 LIGHTING HANGERS (EXCEPT FIXTURE), TYPICAL 2X4 LIGHTING HANGERS (EXCEPT FIXTURE).
This addendum is issued to modify or interpret previously issued documents by additions, deletions, clarifications, or corrections. It forms a part of the previously issued documents.

This addendum may include revised pages and drawings, which shall be inserted before the corresponding page or drawings in the previously issued documents. Revised pages and drawings are identified by the corresponding addendum number and date.

Plumbing fixture 22 4000

PROJECT MANUAL

1. Added specification section 2.8 for electric water cooler with bottle filler. Purchase two (2) coolers to replace existing coolers in the NICU/PEDS ENDO. Locations to be coordinated in the field.

DRAWINGS

1. Sheet P210
   a. Removed notes and changed underground sanitary from new to existing.
2. Sheet P211
   a. Removed notes and changed the 2" vent pipe from new to existing.
3. Sheet ES210
   a. Added smoke detectors and door holders at elevator lobby door.
   b. Added additional door holder at corridor HA00100N1 door.
4. Sheet EL210
   a. Added demo of existing and added new light fixtures in elevator lobby.
   b. Added circuiting and source panel information
5. Sheet EP210
   a. Added power for door in corridor HA045A-1.
   b. Added circuiting information
6. Sheet EP211
   a. Updated keynotes 9 & 10 to clarify source panel for feeders.
   b. Updated panel tags
7. Sheet T210
   a. Added wireless access points
8. Sheet T211
   a. Added wireless access points

END OF ADDENDUM
SECTION 22-4000
PLUMBING FIXTURES

PART 1 GENERAL

1.1 DESCRIPTION
A. This Section lists plumbing fixtures and accessories including method of installation.

1.2 RELATED WORK
A. Section 22-1314 - Sanitary Waste and Storm Drainage System
B. Section 22-1118 - Water Distribution System

1.3 REFERENCE
A. The Work under this Section is subject to requirements of the Contract Documents including the General Conditions, Supplementary Conditions, and sections under Division 1 General Requirements.

1.4 SUBMITTALS
A. One package of manufacturer's technical data for all items. Submittal shall be assembled brochure, showing cuts and full detailed descriptions for each item.
B. Shop drawings on items specified herein.

PART 2 PRODUCTS

2.1 MATERIALS
A. Vitreous china fixtures shall be of highest quality, non-absorbent, hard-burned, and vitrified throughout.
B. Enameled ware shall be quality cast iron of uniform thickness and density, glazed to uniform depth and high gloss rubbed smooth, without chips or flaws, craze, or cracks, and completely acid resisting.
C. Stainless steel fixtures shall be 302/304 types of non-corrosive steel, 18 ga self rim for cabinet sinks, 14 ga for free standing compartment type sinks. Sink material shall have satin finish and cover corners, with faucet holes punched to match specified faucet fitting.
D. Precast receptors and shower basins shall be "terrazzo" concrete or molded "stone" inert base and plasticizer. Receptor and basin colors shall be standard colors unless otherwise noted. Assembly of drain to waste piping shall be made from floor level on which basin or receptor is installed.
E. Insulation for traps and supplies shall be molded closed cell vinyl insulation and shall meet ASTM D635/E84 for flame and smoke spread. Insulation shall be vandal resistant and be color as listed.

2.2 MANUFACTURERS
A. Water closets, urinals, and lavatories: American Standard, Eljer or Kohler, equal to Kohler number listed.
B. Water Closet Seats: Bemis, Beneke, Centoco, or Olsonite equal to number listed.
C. Flush Valves: Sloan or Zurn equal to number listed.
D. Stainless Steel Sinks: Elkay or Just.
E. Dialysis Box: Acorn, Bradley, Whitehall Manufacturing
F. Emergency Eyewashes and Showers: Bradley, Encon, Guardian, or Haws equal to Bradley number listed.
G. Faucets: Chicago Faucet, T and S Brass, or Zurn equal to number listed.
H. Fixture Traps: Engineered Brass Company, Kohler, or McGuire equal to number listed.
I. Insulated Traps and Supplies: McGuire, Plumberex or True-Bro equal to model listed.
J. Supplies and Stops: Chicago Faucet, Kohler, McGuire or equal to number listed.

2.3 CARRIERS AND SUPPORTS
A. Existing in building.

2.4 WATER CLOSETS
A. WC-1 Water Closet (standard height, public and staff toilet rooms)
   1. Fixture: American Standard "Millennium" Model 2633.101, white vitreous china, wall hung siphon jet, elongated bowl, 1.6 gallon per flush, 1 ½" top inlet spud.
   2. Fixture Fittings and Accessories: Gaskets-wax, bolts with chromium plated caps, nuts, and washers.
   3. Flush Valve: Sloan Royal #111-SMO, exposed diaphragm type flushometer, side mount sensor operated, top spud connection, 1.6 gallons per flush.
   4. Seat: Bemis #1955-SS/C, heavy duty, elongated bowl, open front, plastic seat, less cover, white color, with stainless steel self-sustaining check hinge.
   5. Carrier: J.R. Smith, series 210Y-M54-XH extra heavy, or similar bariatric rated, Josam, Zurn.

B. WC-2 Water Closet (wall-hung, with bed pan washer, patient toilet rooms)
   1. Fixture: American Standard "Millennium" Model 2633.101, white vitreous china, wall hung siphon jet, elongated bowl, 1.6 gallons per flush, bedpan lugs, 1-1/2" top inlet spud.
   2. Fixture Fittings and Accessories: Gaskets-wax, bolts with chromium plated caps, nuts, and washers.
   3. Flush Valve: Sloan Royal BPW-1150-1.6, exposed diaphragm type flushometer with bedpan washer, side oscillating handle, top spud connection, 1.6 gallons per flush, diverter valve assembly with spray arm.
   4. Seat: Bemis 1955-SS/C, heavy duty, elongated bowl, open front, plastic seat, less cover, white color, with stainless steel self-sustaining check hinge.
      a. Carrier: J.R. Smith, series 210Y-M54-XH extra heavy or similar bariatric rated, Josam, Zurn.
   5. Provide carrier support for barrier free mounting height of 18" to top of bowl from finished floor.

2.5 LAVATORIES
A. L-1 Lavatory (wall-hung)
   1. Fixture: Kohler “Greenwich” K-2031-R, 20” x 18”, vitreous china, wall hung, 2 faucet holes, drilled for carrier support, mount at 34” above finished floor to rim.
4. Trap: Kohler K-8999(*), McGuire B8902(*), 1-1/4” x 1-1/2” cast brass P-trap with cleanout, 17 ga tubing outlet.
5. Stops and Supplies: Chicago Faucet 1017-CP, Kohler K-7601-P, McGuire HST02CP, angle pattern, lock shield cap, loose key handle, with copper alloy control valve bodies, stems, and gland nuts, ½” NPT inlet x 3/8” compression outlet.
7. Shroud: True Bro Lav Shield Model #2018-KO-G.

B. L-2 Lavatory
1. Fixture: One piece solid surface countertop and bowl supplied by trade contractor. One faucet hole. Refer to architectural details for size and configuration information.
2. Faucet: Chicago Faucet “HyTronic” Model 116.213.AB.1 sensor operated gooseneck faucet with dual supply for hot and cold water and internal mixer. Laminar flow outlet. No aerator.
5. Stops and Supplies: Chicago Faucet 1017-CP, Kohler K-7601-P, McGuire HST02CP, angle pattern, lock shield cap, loose key handle, with copper alloy control valve bodies, stems and gland nuts, ½” NPT inlet x 3/8” compression outlet.
6. Shroud: True Bro Lav Shield Model #2018-KO-G.

C. L-3 Lavatory (wall-hung)
1. Fixture: Zurn Z5341, 20”x18”, vitreous china, wall hung, with shroud, single faucet hole, drilled for carrier support.
2. Faucet: Chicago Faucet “HyTronic” Model 116.213.AB.1 sensor operated gooseneck faucet with dual supply for hot and cold water and internal mixer. Laminar flow outlet. No aerator.
5. Stops and Supplies: Chicago Faucet 1017-CP, Kohler K-7601-P, McGuire HST02CP, angle pattern, lock shield cap, loose key handle, with copper alloy control valve bodies, stems and gland nuts, ½” NPT inlet x 3/8” compression outlet.
7. Shroud: True Bro Lav Shield Model #2018-KO-G.

2.6 SINKS
A. S-1 Sink (counter mounted, single bowl)
1. Fixture: Single compartment sink furnished with casework by trade contractor.
3. Drain: Elkay #LK-99 1-1/2” diameter drain with conical strainer basket, stainless steel construction.
4. Trap: Kohler K-9000, 1-1/2” x 1-1/2” p-trap, cleanout plug, adjustable with connected elbow and nipple to wall, chrome plated.

5. Stops and Supplies: Chicago Faucet #1006, angle pattern, lock shield cap, loose key handle, with copper alloy control valve bodies, stems, and gland nuts, 1/2" NPT inlet x 1/2" compression outlet.

2.7 CLINICAL SERVICE SINKS

A. CS-1 Clinical Service Sink (wall-mounted)
   1. Fixture: Kohler #K-12867, "Camerton", white vitreous china, flushing rim, blowout action, wall hung, 1-1/2” top spud connection, drilled for carrier support.
   2. Flush Valve: Sloan S3080553, exposed diaphragm type flushometer, side oscillating handle, top spud connection, 6.5 gallons per flush.
   3. Faucet: Chicago Faucet #814-VB-245 flush valve pipe brace, vacuum breaker, 6 inch wrist blades, ¾” hose thread outlet, integral stops.
   5. Fixture Fittings and Accessories: Gaskets-wax, bolts with chromium plated caps, nuts, and washers.
   6. Carrier: Josam, J.R. Smith, or Zurn Rectangular steel uprights.

2.8 ELECTRIC WATER COOLER (ADA) WITH BOTTLE FILLING STATION:

A. EWC-1 Electric Water Cooler (Bi-level)
   1. Fixture: Halsey Taylor Model #HTHB-HAC8BLPV-WF, self-contained, high/low water cooler, wall hung, stainless steel basin, and with flow restricting bubbler. Electronic bottle filler monitor, filtered, green counter, laminar flow, antimicrobial, real drain.
   2. Trap: Kohler K-9000, 1-1/4” w/cleanout.
   3. Supply/Stop: McGuire, angle pattern, lock shield cap, loose key handle, with copper alloy control valve bodies, stems, and gland nuts, 1/2" NPT inlet x 1/2" compression outlet.

2.9 DIALYSIS BOXES

A. DB-1 Dialysis box
   1. Fixture: Acorn Model #M-8196. Box shall be type 316 stainless steel with satin finish. Wall flange shall be type 304 stainless steel with satin finish. Box to be water tight. Provide side hinged door with keyless thumb latch. Remove PVC Ball Valve and replace with full port two piece brass ball valves of the same nominal size. Use copper drain line connected to the PVC box outlet.

2.10 EYEWASHES

A. EW-1 Emergency Eyewash (Wall mounted)
   1. Fixture: Bradley Model S19274HW, vertical swing, wall mounted.

2.11 WASHER BOXES

A. WB-1 Washer box.
   1. Fixture: IPS Corp. Guy Gray Model SSWB2. Box shall be 304 stainless steel. Box shall include 2” center drain outlet and ½” domestic sweat valves.
3.1 INSTALLATION

A. Install plumbing fixtures as recommended by manufacturer. Caulk around fixtures mounted on irregular surfaces such as tile or stone with silicone sealant, same color as fixture.

B. Support fixtures with proper carrier for each use. Insure that carrier is solidly anchored to prevent rocking whatever piping is used. Anchor bolts in carrier foot shall extend 3” minimum into concrete slab.

C. Fixture carriers shall be suitable for securing each plumbing fixture in place solidly, yet allowing its removal when necessary. Carriers shall be capable of mounting "Barrier Free" fixtures at suitable heights.

D. Install each fixture with trap easily removable for servicing and cleaning. Install fixture stops in readily accessible location for servicing.

E. Install barrier free fixtures in compliance with local code and Federal ADA Accessibility Guidelines. Install barrier free lavatory traps parallel and adjacent to wall and supplies and stops elevated to 27” above finished floor to avoid contact by wheelchair users.

F. Return fixture waste and supply piping into wall as high as practicable under fixture. Provide accessible shutoff in fixture supply. Protect “barrier free” supply and drain piping with white colored wrap neatly trimmed to prevent contact with hot or sharp surfaces by user.

G. Provide individual supplies to fixtures and rough-in fixture piping with adequate support to prevent movement fore, aft and laterally. Provide additional blocking as required.

H. Install flush valves for barrier-free water closets with operator handle facing wide side of toilet stall.

I. Provide unions at water connections to drinking fountains and electric water coolers.

3.2 PROTECTION

A. Protect finished surfaces of fixtures from accidental damage or discoloration by use of protective covering.

3.3 CLEANING

A. Prior to Owner acceptance, clean fixtures with compounds recommended by manufacturer, and remove stains and marks from surrounding walls and countertops.

END OF SECTION
THIS PAGE LEFT INTENTIONALLY BLANK
1. REFER TO SHEET E000 FOR SYMBOLS AND ABBREVIATIONS.
2. REFER TO SHEET E710 FOR LUMINAIRES SCHEDULE. 3. ALL MOUNTING HEIGHTS ARE MEASURED FROM FINISHED FLOOR LEVEL TO OTHERWISE NOTED. 5. REFER TO ARCHITECTURAL ELEVATIONS AND FLOORPLANS FOR EXACT DEVICE LOCATIONS AND ORIENTATION. ELECTRICAL DRAWINGS INDICATE DEVICE QUANTITIES AND RELATIVE LOCATION BUT EXACT LOCATION AND RECOVERY ROOM

THEY ARE INSTALLED. 7. CIRCUITING NOMENCLATURE FOR LIGHTING IS AS FOLLOWS: "CR:xx"

AFFILIATED ENGINEERS, INC.
10 SOUTH LASALLE STREET, SUITE 2700
LOCKERS
v 312.977.2800
www.aeieng.com

MEDICAL EQUIPMENT
BSA LIFESTRUCTURES, INC.
9365 COUNSELORS ROW
INDIANAPOLIS, IN 46240
v 317.819.7878
www.bsalifestructures.com

TROY, NY 12180
v 518.687.7100
www.lrc.rpi.edu

CIVIL/GEOTHECHNICAL ENGINEERS/SURVEYOR
THE PREVIEW GROUP, INC.
632 RACE STREET
CINCINNATI, OH 45202
v 513.621.2109
www.preview-group.com

UK ALBERT B. CHANDLER HOSPITAL
PAVILION H
LEXINGTON, KY 40536
v 859.323.5000
www.ukhealthcare.org

BP-5 PEDS ENDOSCOPY / NICU CONTRACT DOCUMENTS

UK Healthcare
Renovate/Expand
UK Healthcare Facilities
NICU
PROJECT NUMBER: 2022-5

PEDIATRIC ENDOSCOPY - GROUND LEVEL LIGHTING PLAN

1 PEDIATRIC ENDOSCOPY - GROUND LEVEL LIGHTING PLAN - DEMOLITION

PEDiatric ENDOSCOPY - GROUND LEVEL LIGHTING PLAN

03/15/18
02/14/2018 BP-5 CONTRACT DOCUMENTS 2
4/13/2018 ADDENDUM 1
13356.01 As indicated
HGA Job Number: Scale: Date:

1/8" = 1'-0"
ELECTRICAL DEMOLITION GENERAL NOTES

1. REFER TO SPECIFICATIONS FOR DIRECTIONS REGARDING DEMOLITION

2. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR EXACT AREA OF DEMOLITION.

3. EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD ITEMS, WHICH DO SHOW.

4. FURNish ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO DISCONNECT, REMOVE AND RELOCATE ALL ITEMS AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION.

5. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH EXISTING STRUCTURAL ENGINEERS, MEP ENGINEERS AND OWNER PRIOR TO WORK.

6. ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIAL IN AREAS TO BE REMODELED/ALTERED SHALL BE REMOVED. UNLESS NOTED OTHERWISE.

7. X-RAY EXISTING SLAB PRIOR TO PENETRATING SLAB FOR INSTALLATION.

8. ANY CORING INTO THE STRUCTURAL FLOOR SHALL BE PRE-APPROVED ACTIVELY USED BY OWNER, COORDINATE ALL REQUIRED TIMING AND ENGINEER AND ARCHITECT PRIOR TO ANY SAW CUTTING OR CORING.

9. PROVIDE 120V LIFE SAFETY CIRCUIT AT ALL FIRE/SMOKE DETECTOR LOCATIONS.

10. CONDUIT ASSOCIATED WITH DEVICES. REMOVE ALL CIRCUIT AND BRANCH WIRING FROM COMPONENT BACK TO ORIGIN (PANELBOARD, MOTOR CONTROL CENTER, COMPONENTS OUTSIDE OF THE AREA OF DEMOLITION. IF CIRCUIT PREDOMINANTLY SERVES REMOTE OR SURROUNDING AREAS PASSING THROUGH THESE AREAS TO SERVE REMOTE OR SURROUNDING AREAS.

11.andi, CONDUIT AND WIRING AFFECTS THE OPERATION OF BRANCH CIRCUITS, SIGNAL AND TELEPHONE CIRCUITS, ETC. PASSING THROUGH THESE AREAS TO SERVE REMOTE OR SURROUNDING AREAS.

12. REMOVE ALL ELECTRICAL EQUIPMENT ON OR IN EXISTING WALLS, CEILINGS, FLOORS, FURNITURE, LIGHTING FIXTURES, MATTING, ETC. THAT ARE TO REMAIN.

13. PROVIDE 120V LIFE SAFETY CIRCUIT AT ALL FIRE/SMOKE DETECTOR LOCATIONS.

14. X-RAY EXISTING SLAB PRIOR TO PENETRATING SLAB FOR INSTALLATION.

15. ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIAL IN AREAS TO BE REMODELED/ALTERED SHALL BE REMOVED. UNLESS NOTED OTHERWISE.

16. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND NOT REMOVED.

17. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND NOT REMOVED.

18. REMOVAL OF CONDUIT AND WIRING AFFECTS THE OPERATION OF BRANCH CIRCUITS, SIGNAL AND TELEPHONE CIRCUITS, ETC. PASSING THROUGH THESE AREAS TO SERVE REMOTE OR SURROUNDING AREAS.

19. REMOVE ALL ELECTRICAL EQUIPMENT ON OR IN EXISTING WALLS, CEILINGS, FLOORS, FURNITURE, LIGHTING FIXTURES, MATTING, ETC. THAT ARE TO REMAIN.

20. CONDUIT AND WIRING AFFECTS THE OPERATION OF BRANCH CIRCUITS, SIGNAL AND TELEPHONE CIRCUITS, ETC. PASSING THROUGH THESE AREAS TO SERVE REMOTE OR SURROUNDING AREAS.

21. REMOVE ALL ELECTRICAL EQUIPMENT ON OR IN EXISTING WALLS, CEILINGS, FLOORS, FURNITURE, LIGHTING FIXTURES, MATTING, ETC. THAT ARE TO REMAIN.

22. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND NOT REMOVED.

23. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND NOT REMOVED.

24. ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIAL IN AREAS TO BE REMODELED/ALTERED SHALL BE REMOVED. UNLESS NOTED OTHERWISE.

25. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND NOT REMOVED.

26. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND NOT REMOVED.

27. ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIAL IN AREAS TO BE REMODELED/ALTERED SHALL BE REMOVED. UNLESS NOTED OTHERWISE.

28. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND NOT REMOVED.

29. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND NOT REMOVED.

30. ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIAL IN AREAS TO BE REMODELED/ALTERED SHALL BE REMOVED. UNLESS NOTED OTHERWISE.

31. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND NOT REMOVED.
6. AREA OF DEMOLITION SHOWN IS FOR APPROXIMATIVE PURPOSES ONLY.

DRAWINGS. ADDITIONAL COMPONENTS MAY EXIST WHICH DO NOT SHOW COMPLETE DEMOLITION OF EXISTING ELECTRICAL EQUIPMENT AS SPECIFIED.

609 WEST MAIN STREET

SMITH HAGER BAJO, INC.
19779 SPYGLASS HILL CT.
ASHBURN, VA 20147
www.shbajo.com
THP LIMITED, INC.
THROUGH THESE AREAS TO SERVE REMOTE OR SURROUNDING AREAS THAT ARE TO REMAIN, SHALL BE RETAINED AND KEPT OPERATIONAL AND FUNCTIONAL.

CIVIL/GEOTECHNICAL ENGINEERS/SURVEYOR
4ECD
MEP ENGINEERS
CHICAGO, IL 60603
www.aeieng.com

THE OWNER. CONDUIT, BOXES, WIRING AND MISCELLANEOUS ELECTRICAL ITEMS SHALL BE REMOVED FROM THE JOB SITE BY THE ELECTRICAL CONTRACTOR.

1. REMOVE ALL REUSED. 19. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS, WHICH ARE DISCONNECTED.

2. VERIFY EQUIPMENT LOCATIONS AND CONDUCTOR LENGTHS PRIOR TO INSTALLATION.

3. ALL RACEWAYS ARE TO CONTAIN NO MORE THAN NINE CURRENT CARRYING CONDUCTORS AND A CODE-SIZED EQUIPMENT GROUNDING CONDUCTOR. 4. EACH CIRCUIT IS TO HAVE ITS OWN NEUTRAL. MULTIWIRED BRANCH CIRCUITS, FEEDERS, AND FIRE ALARM CIRCUITS SHALL NOT BE REDUCED.

5 PROVIDE 120V DUPLEX RECEPTACLE FOR WASHER CONNECTION. PROVIDE 120V LIFE SAFETY CONNECTION FOR NOTIFICATION APPLIANCE AND TIMESLICE CHARGING STATION.

8 PROVIDE CONNECTION TO PATIENT LIFT CHARGING STATION. COORDINATE EXACT LOCATION ELECTRICAL REQUIREMENTS WITH LIFT MANUFACTURER.

11 PROVIDE 120V NORMAL POWER CONNECTION TO DRYER EXHAUST FAN. PROVIDE CONNECTION TO PATIENT LIFT CHARGING STATION.

12. BRANCH CIRCUITS, FEEDERS, AND FIRE ALARM CIRCUITS SHALL NOT BE REDUCED.

5 PROVIDE 120V DUPLEX RECEPTACLE FOR WASHER CONNECTION. PROVIDE 120V LIFE SAFETY CONNECTION FOR NOTIFICATION APPLIANCE AND TIMESLICE CHARGING STATION.

8 PROVIDE CONNECTION TO PATIENT LIFT CHARGING STATION. COORDINATE EXACT LOCATION ELECTRICAL REQUIREMENTS WITH LIFT MANUFACTURER.

11 PROVIDE 120V NORMAL POWER CONNECTION TO DRYER EXHAUST FAN. PROVIDE CONNECTION TO PATIENT LIFT CHARGING STATION.

12. BRANCH CIRCUITS, FEEDERS, AND FIRE ALARM CIRCUITS SHALL NOT BE REDUCED.
THE COMPLETE FIRE ALARM SYSTEM SHALL MEET ALL APPLICABLE CODE REQUIREMENTS WITH FIRE ALARM SYSTEM VENDOR PRIOR TO BID. ALL +120V WIRING REQUIRED FOR OPERATION OF THE SYSTEM AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. ALL NECESSARY RELAYS MAY NOT BE SHOWN ON THIS PLAN, BUT WHERE REQUIRED FOR PROPER OPERATION OF THE SYSTEM THEY SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. UTILIZE CLASS A WIRING. PROVIDE COMPLETE FIRE ALARM SYSTEM IN ACCORDANCE TO CODE AND FIRE MARSHAL REQUIREMENTS. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT.

ARCHITECT OF RECORD
GBBN ARCHITECTS, INC.
609 WEST MAIN STREET
LOUISVILLE, KY 40202
v 502.583.0700
www.gbbn.com

CONNECTIONS TO FIRE SMOKE DAMPERS AT LOCATIONS SHOWN ON THE M-ASSOCIATE ARCHITECT SERIES DRAWINGS AND AS SPECIFIED. REFER TO HVAC DRAWINGS FOR EXACT LOCATION AND QUANTITIES OF SMOKE DAMPERS, SUPPLY AND RETURN DUCTWORK REQUIRING DUCT SMOKE DETECTOR INSTALLATIONS. ALSO REFER TO SPECIFICATION TO PROVISION AND INSTALLATION OF DUCT SMOKE DETECTORS. PROVIDE DUCT SMOKE DETECTOR AT EACH FIRE/SMOKE AND SMOKE DAMPER LOCATION. ALARM ANNUCIATION ON A FLOOR SHALL ONLY ALARM FLOORS ABOVE AND BELOW. ALL ALARM SEQUENCES FOR SYSTEM SHALL BE COORDINATED AND VERIFIED WITH OWNER. ALL NEW FIRE ALARM POINTS SHALL BE COMMUNICATED VIA BACNET TO UNIVERSITY OF KENTUCKY TRIDIUM SYSTEM. PROVIDE PROGRAMMING AS REQUIRED AND COORDINATE WITH OWNER. PROVIDE ADDITIONAL INTERFACE EQUIPMENT AS REQUIRED BY EXISTING FIRE ALARM CAPACITY IN ORDER TO PROVIDE TRIDIUM MONITORING FOR ALL NEW FIRE ALARM DEVICES INSTALLED AS PART OF THIS PROJECT. PORTION OF FIRE ALARM SYSTEM LOCATED WITHIN HATCHED AREAS AND WHERE OTHERWISE INDICATED ARE EXISTING TO REMAIN.
1. Furnish and install new lavatory. Make connection to existing waste, vent and water piping in wall. Provide the necessary connections. Verify size in field.

2. Ice-maker route 3/4" FTP drain line to sink below. For more information see detail #4 on sheet P902.
GENERAL NOTES:
1. ALL WORK SHALL COMPLY WITH UNIVERSITY OF KENTUCKY COMMUNICATIONS AND NETWORK SYSTEMS (CNS) TELECOMMUNICATION STANDARDS (LATEST VERSION).

2. USE EXISTING IDF ROOM INFRASTRUCTURE FOR NEW NETWORK AND SYSTEM CABLING.

3. REMOVE EXISTING PHILIPS CABLES BACK TO CLOSET.

4. ALL NEW CABLING SHALL BE ROUTED TO EXISTING CABLE TRAY IN CORRIDORS G006, G007 & HA045A. TRAY IN G013 IS INACCESSIBLE AND SHALL NOT BE USED.

5. ROUTE ALL CONDUIT AS HIGH AS POSSIBLE, ABOVE 420 5TH STREET NORTH, SUITE 100.

6. ALL HALF TONE DEVICES ARE EXISTING. 7. ALL EXISTING WIRELESS ACCESS POINTS (WAP), DISTRIBUTED ANTENA SYSTEM (DAS), AND WIRELESS TELEMETRY DEVICES SHALL REMAIN.

8. ALL PHILIPS EQUIPMENT NETWORK CABLES AND NURSE STATION BACK TO SOURCE. REUSE EXISTING BOX AND CONDUIT WHEREVER NEW LOCATION MATCHES EXISTING. REMOVE ALL UNUSED CONDUIT FROM CEILING SPACE.

9. ALL EXISTING WIRELESS ACCESS POINTS (WAP), DISTRIBUTED ANTENA SYSTEM (DAS), AND WIRELESS TELEMETRY DEVICES SHALL REMAIN.

10. ROUTE ALL CONDUIT AS HIGH AS POSSIBLE, ABOVE 420 5TH STREET NORTH, SUITE 100.
GENERAL NOTES
1. ALL WORK SHALL COMPLY WITH UNIVERSITY OF KENTUCKY COMMUNICATIONS AND NETWORK SYSTEMS (CNS) TELECOMMUNICATION STANDARDS (LATEST VERSION).
2. ALL VOICE/DATA NETWORK CABLES IN THIS AREA ROUTE TO IDF H401. USE EXISTING IDF ROOM INFRASTRUCTURE FOR NEW NETWORK AND SYSTEM CABLING.
3. ALL PHILIPS EQUIPMENT NETWORK CABLES AND NURSE CALL SYSTEM CABLES IN THIS AREA ROUTE TO IDF H401. REFER TO SHEET FOR NEW NETWORK AND SYSTEM CABLING.

GBBN ARCHITECTS, INC.
609 WEST MAIN STREET
LOUISVILLE, KY  40202
www.gbbn.com

5. FIRESTOP ALL FLOOR AND WALL PENETRATIONS AS REQUIRED BY ASSOCIATE ARCHITECT CODE. COORDINATE ALL SLEEVE PENETRATIONS THROUGH HAMMEL, GREEN AND ABRAHAMSON, INC.
420 5TH STREET NORTH, SUITE 100
ASHBURN, VA  20147
v 703.726.9770
www.thpltd.com

6. COORDINATE WITH ARCHITECTURAL ELEVATION DRAWINGS FOR EXACT OUTLET LOCATIONS AND HEIGHTS. ALL OUTLET LOCATIONS DRAWINGS.
THP LIMITED, INC.
332 EAST EIGHTH STREET
CINCINNATI, OH  45202
v 513.241.3222
www.thpltd.com

7. REFER TO SHEET T612 FOR NURSE CALL SYSTEM ARCHITECTURE.

8. ALL PHILIPS EQUIPMENT NETWORK CABLES AND NURSE CALL SYSTEM CABLES IN THIS AREA ROUTE TO IDF H401. REFER TO SHEET FOR NEW NETWORK AND SYSTEM CABLING.

9. PLYWOOD ON WALLS IN IDFS AND EIDFS SHALL BE IN COMPLIANCE WITH CNS STANDARDS. THE FIRE RATING STAMP ON PLYWOOD SHEETS SHALL NOT BE PAINTED OVER OR COVERED OVER IN ANY MANNER. THE FIRE RATING STAMP SHALL FACE OUT AND BE READILY ACCESSIBLE.

10. COORDINATE INSTALLATION OF REQUIRED CABLE LOCATIONS WITH NURSE CALL, TELEMETRY, SECURITY, AND AV SYSTEMS VENDORS. REFER TO SYSTEMS VENDORS CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.

11. ALL PHILIPS EQUIPMENT NETWORK CABLES AND NURSE CALL SYSTEM CABLES IN THIS AREA ROUTE TO IDF H401. REFER TO SHEET FOR NEW NETWORK AND SYSTEM CABLING.

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### Written Questions and Answers

**Peds Endo/PICU**  
**Project #2402.32**  
**CCK-2285-18**

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### Peds Endo/PICU

#### Project #2402.32

**CCK-2285-18**

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