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C. ENLARGED PLANS: WHERE ENLARGED OR PARTIAL PLANS ARE REFERENCED, TAG THAT CORRESPONDS TO THE ROOM NUMBER IN WHICH THE OPENING OCCURS OR GIVES ACCESS TO. IF MORE THAN ONE DOOR OR WINDOW OCCURS IN A SPACE, EACH IS DIFFERENTIATED WITH A LETTER SUFFIX.

E. NOTES TO SHEET: NOTE BUBBLES WITH INSCRIBED NUMERALS REFER TO THE "NOTES TO REFERENCING OTHER CONSULTANT'S WORK THEN IT IS INFERRED THAT ARCHITECT OF RECORD CORRESPONDING DOCUMENTS PREPARED BY THE RELATED CONSULTANT SHOULD BE. "MECHANICAL" REFER TO MECHANICAL DOCUMENTS. "EQUIPMENT" REFER TO EQUIPMENT DOCUMENTS. "NON RATED REFERENCES. KEYED OR NOTED DETAILS REPRESENT THE DESIRED CONFIGURATION AND FINISHES FOR ALL SIMILAR CONDITIONS.

G. SCHEDULES: FOR ROOM FINISHES, SEE "FINISH SCHEDULE(S)" LOCATED IN SPECIFICATION DIVISION 08.

H. EXISTING CONDITIONS: ONLY THE AREAS DESCRIBED IN THE PROJECT SCOPE HAVE BEEN PROJECT LOCATION AND AREA MAP FIELD VERIFIED. "FIELD VERIFIED" MEANS THAT EXISTING PARTITIONS HAVE BEEN N.T.S. OPENING NOTED AS 20, 45, 60, OR 90 MINUTES.

I. THE NOTE "NO WORK IN THIS AREA OR COMPARTMENT" IS A GENERAL STATEMENT.
NOTES TO SHEET

2-415 UTILIZE KI SPECIALTY COMPANY TO SALVAGE DEMOUNTABLE WALL SYSTEM. RELOCATE TO STORAGE LOCATION TBD BY OWNER.

2-417 SALVAGE OVERHEAD SCREENS AND PROJECTORS FOR RE-USE WHERE PARTITIONS, CEILINGS, FLOORS ETC. ARE SHOWN TO BE REMOVED, DEMOLITION SHALL BE INCLUSIVE OF MEP SERVICES/UTILITIES CONTAINED WITHIN, UNLESS SCHEDULED OR NOTED TO REMAIN OR BE EXTENDED. FOR ADDITIONAL DEMOLITION AND SALVAGE REQUIREMENTS SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DOCUMENTS. SEE NEW CONSTRUCTION DOCUMENT

2-421 EXISTING LIGHTING IN THIS AREA TO REMAIN.

2-422 EXISTING CEILING IN THIS AREA TO REMAIN.

C. THE OWNER RESERVES THE RIGHT TO RETAIN THE FOLLOWING SALVAGE ITEMS, IF SO NOTIFIED (AND IF NOT SPECIFICALLY INCORPORATED OR REUSED IN THIS PROJECT). CAREFULLY REMOVE, TAG, TRANSPORT, AND STORE IN OWNER DESIGNED STORAGE SPACE (ON CAMPUS) THE FOLLOWING ITEMS:

1. ELECTRICAL FIXTURES AND DEVICES
2. DOORS, FRAMES, HARDWARE AND CARD READERS.
3. MILLWORK AND CASEWORK UNITS
4. PLUMBING FIXTURES AND TRIM
5. SHOULD THE OWNER DECLINE TO ACCEPT AND PROVIDE STORAGE FOR ANY OF THE ABOVE, THEY SHALL BECOME PROPERTY OF THE CONTRACTOR, AND MUST BE PROMPTLY REMOVED FROM THE SITE.

CYNTHIA D. WALSTON
ARCHITECT OF RECORD

G. DEMOLITION REQUIRING AIR HAMMERS OR OTHER LOUD NOISE GENERATING EQUIPMENT MUST BE CAREFULLY COORDINATED AND SCHEDULED WITH THE OWNER. WORKING HOURS FOR SUCH ACTIVITY WILL BE RESTRICTED.

H. ALL PENETRATIONS FOUND IN EXISTING CHASES AND FIRE-RATED PARTITIONS OR SHAFTS, NOT SPECIFICALLY CALLED OUT, MUST BE PATCHED/FIRE-SAFED TO MEET THE REQUIRED FIRE ASSEMBLY RATING.

I. WHERE IMBEDDED ITEMS OR PLUMBING FIXTURES, ETC. ARE REMOVED, PATCH/REPAIR THE EXISTING CONSTRUCTION TO REMAIN TO MATCH AND TO MAINTAIN THE STRUCTURAL AND/OR FIRE PROTECTION INTEGRITY OF THE FLOOR OR WALL.

J. AFTER REMOVAL OF EXISTING CONSTRUCTION OR FINISHES, PATCH OR REPAIR EXISTING SUBSTRATES REMAINING AS REQUIRED TO RECEIVE K. REPLACE ACCESS FLOOR TILES WHERE A PENTRATION IS REMOVED.

L. SALVAGE ALL PROJECTORS AND PROJECTION SCREENS TO BE REUSED IN PROJECT. PROTECT DURING STORAGE.
GENERAL NOTES TO OPENING SCHEDULE

A. OPENING & FRAME TYPES

B. OPENING & FRAME TYPES

C. OPENING & FRAME TYPES

D. OPENING & FRAME TYPES

E. OPENING & FRAME TYPES

F. OPENING & FRAME TYPES

G. OPENING & FRAME TYPES

H. OPENING & FRAME TYPES

I. OPENING & FRAME TYPES

J. OPENING & FRAME TYPES

ABBREVIATION TO OPENING SCHEDULE

A. OPENING & FRAME TYPES

B. OPENING & FRAME TYPES

C. OPENING & FRAME TYPES

D. OPENING & FRAME TYPES

E. OPENING & FRAME TYPES

F. OPENING & FRAME TYPES

G. OPENING & FRAME TYPES

H. OPENING & FRAME TYPES

I. OPENING & FRAME TYPES

J. OPENING & FRAME TYPES


DOOR THICKNESS SHALL BE 1-3/4 INCHES UNLESS OTHERWISE NOTED.

SEE "CODE TO OPENING SCHEDULE" FOR DOOR, FRAME, AND TRANSOM MATERIAL ABBREVIATIONS.

DOOR & WINDOWS IN EXIT ENCLOSURES MUST MEET IBC 714.2.4: "THE DOOR & WINDOWS MUST BE FIRE RATED AND MUST MEET THE REQUIREMENTS OF IBC 714.2.4."

THE INTERIOR DESIGN DRAWINGS FOR DEFINITION OF HARDWOOD SPECIES, PAINT COLORS AND PLASTIC LAMINATE COLORS.

DETAIL A6/A6.2 FOR MOUNTING HEIGHT OF FINISH HARDWARE.

SHALL HAVE SMOKE SEAL GASKETS AT THE HEAD AND JAMB.

DOOR STOPS ARE REQUIRED ALONG THE TOP AND BOTTOM OF THE DOOR.

DOOR STOP DETAILS ARE TO BE PROVIDED.

SEE "CODE TO OPENING SCHEDULE" FOR FINISH SCHEDULE CONTAINED ON THE "FINISH SCHEDULE" OR REFERENCES ON FLOOR PLANS OR FIELD.

EXIT ENCLOSURES MUST MEET IBC 714.2.4: "THE DOOR & WINDOWS MUST BE FIRE RATED AND MUST MEET THE REQUIREMENTS OF IBC 714.2.4."

SEE REFERENCED DETAILS FOR REQUIRED ANCHORAGE.


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DOOR STOPS ARE REQUIRED ALONG THE TOP AND BOTTOM OF THE DOOR.

DOOR STOP DETAILS ARE TO BE PROVIDED.
GENERAL NOTES TO PLANS

A. Information shown or referenced on enlarged and/or 1/4" scale drawings will generally not be shown on the smaller scale drawings.

B. Partition types are scheduled on plans by number. See the "General Notes to Partition Types" on A11.1 and partition types on Sheet A11.1 for the definition of partition type references keyed on plans.

C. Field coordinate all field routed pipe, conduit runs, etc., with locations of recessed accessories and equipment. In the event of a conflict, accessory locations take precedence.

D. Close all joints between plumbing fixtures/accessories and dissimilar materials (i.e., between sinks and countertops, toilet fixtures and accessories to wall, etc.) with sealant.

E. Cabinet numbers noted on enlarged plans refer to cabinet component numbers, fixtures, accessories, etc. that are defined or elevated on Sheet A9.0A unless specific detail references are keyed.

F. Plan dimensions are to finished face of partitions and generally are tied to a column centerline unless specifically shown centered on a particular building element (i.e., a chase wall, window mullion, etc.).

G. Standard equipment wall mounting heights, see detail A2/A6.1.

H. Medical equipment wall mounting heights, see detail D3/A6.2.

I. Fire protection equipment wall mounting heights, see detail A6/A6.1.

J. Communication equipment wall mounting heights, see detail D6/A6.2.

K. Equipment mounting heights at countertops, see detail B3/A6.2.

L. Equipment mounting heights at desktops, see detail B4/A6.2.
NOTES TO SHEET

1.59 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
2.78 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
3.98 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
4.18 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
5.38 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
6.58 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
7.78 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
8.98 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
9.18 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
10.38 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.
11.58 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.

1.59 AUBERGINE 20 GA. MEET CODE REQUIREMENTS.

1-101 SEE EXAMROOM 403 FOR TYPICAL ELEVATIONS

5-703 SOFFIT, BRAKE METAL, 16 GA. , PAINT TO MATCH CEILING.

6-404 Z CLIP, 1/4".

6-406 PLYWOOD, 5/8" THICK, PLASTIC LAMINATE AT ALL EXPOSED SURFACES.

8-383 OPERABLE PARTITION, REFER TO SPECIFICATIONS

8-502 ALUMINUM WINDOW FRAME

9-212 GYPSUM BOARD, 5/8".

9-251 METAL FURRING STUD, 1-5/8".

9-252 20 GA. METAL STUD, 3-5/8" AT 16" O.C.

9-261 METAL STUD, 2-1/2".

9-719 PLASTIC LAMINATE, PL-1. SEE CODE TO FINISHES.

10-101 MARKERBOARD, GLASS.

10-243 CORNER TRIM PIECE, 1/2" X 1/2", STAINLESS STEEL, CG-2. SEE CODE TO FINISHES.

11-003 ROOM SCHEDULER. SEE AV DRAWINGS.

26-001 REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

ARCHITECT OF RECORD
CYNTHIA D. WALSTON

NOTES TO SHEET

1-101 SEE EXAMROOM 403 FOR TYPICAL ELEVATIONS

5-703 SOFFIT, BRAKE METAL, 16 GA. , PAINT TO MATCH CEILING.

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10-243 CORNER TRIM PIECE, 1/2" X 1/2", STAINLESS STEEL, CG-2. SEE CODE TO FINISHES.

11-003 ROOM SCHEDULER. SEE AV DRAWINGS.
GENERAL NOTES TO REFLECTED CEILING PLANS

A. REFER TO "FINISH SCHEDULE" FOR FURTHER DEFINITION OF CEILING MATERIALS AND FINISHES.

B. CEILING HEIGHT WILL TYPICALLY BE [10'-0"], UNLESS OTHERWISE NOTED ON THE REFLECTED CEILING PLAN.

C. LOCATE ALL CEILING MOUNTED SMOKE DETECTORS AND SPEAKERS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS.

D. LOCATE ALL SPRINKLER HEADS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS. AT GYPSUM BOARD CEILINGS, SYMMETRICALLY SPACE Heads AND CENTER ON LIGHT ROWS WHERE AREA LIMITATIONS PERMIT.

E. ARE TO USE CEILING ACCESS DOORS WITH A FINISH THAT MATCHES THE SURROUNDING MATERIAL PER DETAIL _________. UNLESS NOTED OR DETAILED OTHERWISE ACCESS PANELS IN TOILETS AND BACK OF HOUSE SPACES WITH DRYWALL OR PLASTER CEILINGS ARE TO BE PAINTED METAL. PLASTER OR DRYWALL CEILINGS WITH ACCESS PANELS IN "WET" AREAS SUCH AS TUBS, SHOWERS, CART WASH AND CENTRAL STERILE AREAS ARE TO BE STAINLESS STEEL.

F. FOR TYPICAL DRYWALL FURRDOWN, SEE DETAILS B2-A6.1, B3/A6.1, AND B4/A6..

G. REFER TO MEP DRAWINGS FOR SCOPE OF TEMPORARY CEILING REMOVAL. IN AREAS REQUIRING REMOVAL OF GYPSUM BOARD CEILINGS, REMOVE PANELS AND STORE FOR REINSTALLATION. REMOVE SECONDARY CEILING GRID MEMBERS AS REQUIRED, KEEP PRIMARY GRID MEMBERS IN PLACE IF POSSIBLE. IF REMOVAL IS REQUIRED, REMOVE TO EXISTING SPLICE JOINT. WHERE REMOVAL OF EXISTING LIGHT FIXTURES IS REQUIRED, REMOVE TO LIMITS OF FLEXIBLE CONDUITS AND PLACE BACK IN ORIGINAL LOCATION UPON COMPLETION OF WORK.

H. FOR TYPICAL DRYWALL FURRDOWN, SEE DETAILS B2-A6.1, B3/A6.1, AND B4/A6..

I. 4'X4' "MAIN RUNNER" CEILING GRID SYSTEM INCLUDED IN THE BUILDING "SHELL" CONSTRUCTION. PRE-STOCK ALL REMAINING 2'X2' GRID COMPONENTS FOR FUTURE INSTALLATION DURING TENANT BUILD-OUT.

J. REFER TO MEP DRAWINGS FOR SCOPE OF TEMPORARY CEILING REMOVAL. IN AREAS REQUIRING REMOVAL OF GYPSUM BOARD CEILINGS, REMOVE PANELS AND STORE FOR REINSTALLATION. REMOVE SECONDARY CEILING GRID MEMBERS AS REQUIRED, KEEP PRIMARY GRID MEMBERS IN PLACE IF POSSIBLE. IF REMOVAL IS REQUIRED, REMOVE TO EXISTING SPLICE JOINT. WHERE REMOVAL OF EXISTING LIGHT FIXTURES IS REQUIRED, REMOVE TO LIMITS OF FLEXIBLE CONDUITS AND PLACE BACK IN ORIGINAL LOCATION UPON COMPLETION OF WORK.
GENERAL NOTES TO REFLECTED CEILING PLANS

A. REFER TO "FINISH SCHEDULE" FOR FURTHER DEFINITION OF CEILING MATERIALS AND FINISHES.

B. CEILING HEIGHT WILL TYPICALLY BE [10'-0"], UNLESS OTHERWISE NOTED ON THE REFLECTED CEILING PLAN.

C. LOCATE ALL CEILING MOUNTED SMOKE DETECTORS AND SPEAKERS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS.

D. LOCATE ALL SPRINKLER HEADS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS. AT GYPSUM BOARD CEILINGS, SYMMETRICALLY SPACE HEADS AND CENTER ON LIGHT ROWS WHERE AREA LIMITATIONS PERMIT.

G. REFER TO MEP DOCUMENTS FOR LOCATIONS OF CEILING ACCESS PANELS. PUBLIC AREAS AND LOBBIES WITH DRYWALL OR PLASTER CEILINGS ARE TO USE CEILING ACCESS DOORS WITH A FINISH THAT MATCHES THE SURROUNDING MATERIAL PER DETAIL _________. UNLESS NOTED OR DETAILED OTHERWISE ACCESS PANELS IN TOILETS AND BACK OF HOUSE SPACES WITH DRYWALL OR PLASTER CEILINGS ARE TO BE PAINTED METAL. PLASTER OR DRYWALL CEILINGS WITH ACCESS PANELS IN "WET" AREAS SUCH AS TUBS, SHOWERS, CART WASH AND CENTRAL STERILE AREAS ARE TO BE STAINLESS STEEL.

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2. STAINLESS STEEL CORNER GUARD AT ALL EXPOSED CORNERS

8-113 EXISTING DOOR AND FRAME TO BE SALVAGED AND RELOCATED INDICATED ON THE FLOOR PLAN

7. ALL CARPET AND RUBBER TILE TO BE DIRECT GLUE, UNLESS NOTED OTHERWISE

8. SLIM PROFILE RUBBER TRANSITION STRIPS, UNLESS NOTED OTHERWISE

9-703 3FORM PROFILE MDF PANELS

9-704 EXISTING PANELS TO REMAIN; ADD ALT 1; BACK-PAINTED GLASS

10. REFER TO FLOOR PATTERN PLAN FOR "VARIES" FOR FINISH APPLICATION

11. ALL PAINTED FINISHES TO TERMINATE AT INSIDE CORNER, UNLESS NOTED OTHERWISE

PANELS SIMILAR TO LEVEL 1.

12. ALL EXISTING HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE

13. ALL HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE

14. EXISTING TO REMAIN DOOR FRAMES TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE

15. REPLACEMENT WINDOW TREATMENTS TO MATCH EXISTING 9-717 MATCH EXISTING PAINT
NOTES TO SHEET

1. All existing door and frame to be salvaged and relocated.
2. Stainless steel corner guard at all exposed corners.
3. Crash rail and bumper rail to be located on all standardized patient room, skills & tasks room and patient flex room walls.
4. .040" rigid sheet good to be placed on all walls of patient room, skills & tasks room and patient flex room walls.
5. Patient room, skills & tasks room and patient flex room walls to have eggshell finish unless noted otherwise.
6. All floor material changes are to occur at the centerline of the window.
7. Closed door. At transitions where there is no door, install as open to beyond.
8. 8-113 existing door and frame to be salvaged and relocated.
9. 8-507 aluminum window system to match existing KI wall.
10. 8-701 card reader. Coordinate with security.
11. All existing hollow metal door frames to be painted PT-9, unless noted otherwise.
12. All existing hollow metal doors to be painted PT-9, unless noted otherwise.
13. All hollow metal door frames to be painted PT-9, unless noted otherwise.
14. Existing to remain door frames to be painted PT-9, unless noted otherwise.
15. Replacement window treatments to match existing niche, full height.
16. 9-708 donor glass panel with custom graphic in recessed niche, full height.
17. 9-713 full-height Acrovyn by Design with custom image to be determined by owner.
18. 9-916 shower curtain and curtain rod.
19. 10-216 corner guard, 6' tall, stainless steel.
20. All existing hollow metal doors to be painted PT-9, unless noted otherwise.
21. All hollow metal door frames to be painted PT-9, unless noted otherwise.
22. All existing hollow metal doors to be painted PT-9, unless noted otherwise.
23. Replacement window treatments to match existing niche, full height.
8-113 EXISTING DOOR AND FRAME TO BE SALVAGED AND RELOCATED

1. NO FINISH ON EXISTING EXPOSED CONCRETE COLUMNS, TYP.
2. STAINLESS STEEL CORNER GUARD AT ALL EXPOSED CORNERS
3. CRASH RAIL AND BUMPER RAIL TO BE LOCATED ON ALL STANDARDIZED

4. .040" RIGID SHEET GOOD TO BE PLACED ON ALL WALLS OF ... PAINT TO HAVE EGGSHELL FINISH UNLESS NOTED OTHERWISE
5. ALL FLOOR MATERIAL CHANGES ARE TO OCCUR AT THE CENTERLINE OF THE

6. 9-601 SCHEDULED BASE.
7. 9-602 RUBBER COVED BASE, 6" HEIGHT.
8. 9-712 PVC WALL PROTECTION PANEL

9. ALL CARPET AND RUBBER TILE TO BE DIRECT GLUE, UNLESS NOTED OTHERWISE
10. SLIM PROFILE RUBBER TRANSITION STRIPS, UNLESS NOTED OTHERWISE

11. ALL PAINTED FINISHES TO TERMINATE AT INSIDE CORNER, UNLESS NOTED OTHERWISE
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13. EXISTING TO REMAIN DOOR FRAMES TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
14. REPLACEMENT WINDOW TREATMENTS TO MATCH EXISTING

15. REFER TO FLOOR PATTERN PLAN FOR "VARIES" FOR FINISH APPLICATION
16. 11-720 SHARPS CONTAINER, SEE EQUIPMENT.
17. 11-731 CLOCK, WALL, DIGITAL, 4 DIGITS.
18. 12-309 NURSE STATION.
19. 22-403 HAND SINK. REFER TO PLUMBING

20. 26-501 LIGHTING. REFER TO ARCH REFLECTED CEILING PLAN AND

ELEVATIONS

22. 9-601 SCHEDULED BASE.
23. 9-602 RUBBER COVED BASE, 6" HEIGHT.
24. 9-712 PVC WALL PROTECTION PANEL

25. ALL CARPET AND RUBBER TILE TO BE DIRECT GLUE, UNLESS NOTED OTHERWISE
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29. EXISTING TO REMAIN DOOR FRAMES TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
30. REPLACEMENT WINDOW TREATMENTS TO MATCH EXISTING

31. REFER TO FLOOR PATTERN PLAN FOR "VARIES" FOR FINISH APPLICATION
32. 11-720 SHARPS CONTAINER, SEE EQUIPMENT.
33. 11-731 CLOCK, WALL, DIGITAL, 4 DIGITS.
34. 12-309 NURSE STATION.
IN GENERAL, MAXIMUM SPACING ON COUNTERTOP SUPPORTS IS 3'-0".

U3830
W3636 U1730

O.C.

A6-C

27" MOBILE CABINETS AT D HEIGHT TABLES WITH 1.5" FRONT RAILS.

30" MOBILE CABINETS AT C HEIGHT TABLES WITH 4.5" FRONT RAILS.

DK230 DK175

Houston | Dallas | Columbus

H3336

19" H SUSPENDED CABINETS AT D HEIGHT TABLES, 25" H SUSPENDED CABINETS AT C HEIGHT TABLES

4

ALTERNATE MATERIAL PREFIX (SEE PREFIX LIST)

N.T.S.E1 NOTES TO SHEET

1 _ C 23 48 L

HEIGHT OF CABINET - (C=36", D=30", H=34")ALTERNATE MATERIAL PREFIX (SEE PREFIX LIST)

WIDTH OF KNEESPACE - (SHOWN IN INCHES)STYLE OF KNEESPACE - (SEE A6,B6,C6)

ALTERNATE MATERIAL PREFIX (SEE PREFIX LIST)

EXAMPLE:  W1036L

WALL, UPPER, AND FLOOR CABINETS

ALTERNATE CABINETRY MATERIAL PREFIX CODE

EXAMPLE:  3-1WS12

1/2" = 1'-0"D4 CABINETRY STANDARD - FLOOR PLAN

WIDTH OF CABINET - (SHOWN IN INCHES)STYLE OF CABINET - (SEE E4, D6, E6)

ALTERNATE MATERIAL PREFIX (SEE PREFIX LIST)

FEATURE SUFFIX - (SEE SUFFIX LIST)

COUNTER HEIGHT CODE

TOP MATERIAL (SEE PREFIX LIST)

EXAMPLE:  3-1WS12

SHELF DEPTH

WALL SHELVING

14" D

14" D 16" D 23" D

Example: Narcotics cabinet with locks, refer to project manual

C17 C18

MANUAL

23" D

B PULLBOARD AT TOP OF CABINET

C LOCKING SWIVEL CASTERS

35"
GENERAL NOTES TO PARTITION TYPES

A. DETAILED CONSTRUCTION OF ALL PARTITIONS MUST BE CLASSIFIED ACCORDING TO FIRE RESISTANCE, STABILITY, AND SOUND CONTROL PERFORMANCE IN ACCORDANCE WITH CLASSIFICATION STANDARDS AND TESTING LABORATORIES (S.F.R.L. FOR STRUCTURAL ENGINEERS, UL FOR FIRE RESISTANCE, INT'L ASSOCIATION OF FIRE PROTECTION ENGINEERS (I.A.F.P.E.) FOR FIRE CONTROL PERFORMANCE, AS REQUIRED).


C. INSTALLATION OF PROTECTIVE SYSTEMS, INCLUDING BUT NOT LIMITED TO JOINT SEALANTS, CAN NOT BE DISMANTLED AND REMOVED FROM THE MOUNTED PARTITION SYSTEM WITHOUT THE CONSENT OF THE LOCAL BUILDING INSPECTORS.

D. JOINT SEALANTS MUST BE APPLIED AS REQUIRED TO AVOID DAMAGE TO THE FIRE RATED PARTITION.

E. GLASS ENCLOSURES IN BATHROOMS AND RESTROOMS MUST BE OF TEMPERED GLASS.

F. THE ABOVE REQUIREMENTS MUST BE FOLLOWED WITHOUT REDUCING THE PHYSICAL ATTRIBUTES OF THE SCHEDULED PARTITION TYPE.

G. THE FOLLOWING INFORMATION IS FOR USE IN THE DESIGN OF THE建築 PARTITION.

H. JOINTS BETWEEN THE PARTITIONS ARE TO BE MACHINED TO THE ALLOWABLE DEFLECTION.

I. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

J. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

K. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

L. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

M. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

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T. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

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W. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

X. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

Y. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

Z. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

AA. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

BB. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

CC. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

DD. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

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SS. THE FOLLOWING TABLES SHOW THE ALLOWABLE DEFLECTION FOR DIFFERENT JOINT TYPES.

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### GENERAL NOTES TO FINISHES

- No finish on existing exposed concrete columns, typ.
- Crash rail and bumper rail to be located on all standardized patient room, skills & tasks room and patient flex room walls.
- .040" rigid sheet good to be placed on all walls of patient room, skill task, patient flex and server room walls.
- All paint to have eggsshell finish unless noted otherwise.
- All floor material changes are to occur at the centerline of the closed door. At transitions where there is no door, install as specified.
- All painted finishes to terminate at inside corner, unles noted otherwise.
- All existing hollow metal doors to be painted PT-9, unless noted otherwise.
- Refer to floor pattern plan for "varies" for finish application information.
- All painted finishes to terminate at inside corner, unless noted otherwise.
1. No finish on existing exposed concrete columns, typ.
2. Stainless steel corner guard at all exposed corners.
3. Patient room, skills & tasks room, and patient flex room walls.
4. .040" rigid sheet good to be placed on all walls of ... paint to have eggshell finish unless noted otherwise.
5. All floor material changes are to occur at the centerline of the closed door. At transitions where there is no door, install as...
12. ALL EXISTING HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE.

ARCHITECT OF RECORD

DATE: 07/02/2018

VARIES

LEGEND

PAINT COLOR LEGEND - WALL

- PT-2 SW6494 LAKESHORE
- PT-3 SW6496 OCEANSIDE
- PT-4 SW8718 OVERT GREEN
- PT-5 SW6719 GECKO
- PT-6 SW8482 FORWARD FUCHSIA
- PT-7 SW6552 DEWBERRY
- PT-8 SW7589 HABANERO CHILE

General Notes to Finishes

- All existing hollow metal doors to be painted PT-9, unless noted otherwise.
- Not to be used for regulatory approval, permit, or construction.

Project Name: UTHealth

Issue: 1601

Issue for Construction: 07/02/2018

Project Number: IA3.1B

Drawing Title: Level 4 Finish Plan - Area B

Drawing Number: 3/16" = 1'-0"
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C. LOCATE ALL CEILING MOUNTED SMOKE DETECTORS AND SPEAKERS IN THE CENTER OF FULL PANELS AT LAY-IN CEILINGS.
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N.T.S.

LEGEND

PAINT COLOR LEGEND- CEILING

PTF-1 SW7056 RESERVED WHITE
PTF-4 SW6718 OVERT GREEN
PTF-9 SW7072 ONLINE

LEVEL 4 FINISH
RCP

IA4.1
1. NO FINISH ON EXISTING EXPOSED CONCRETE COLUMNS, TYP.
2. STAINLESS STEEL CORNER GUARD AT ALL EXPOSED CORNERS
3. CRASH RAIL AND BUMPER RAIL TO BE LOCATED ON ALL STANDARDIZED CLOSED DOOR. AT TRANSITIONS WHERE THERE IS NO DOOR, INSTALL AS INDICATED ON THE FLOOR PLAN
7. ALL CARPET AND RUBBER TILE TO BE DIRECT GLUE, UNLESS NOTED OTHERWISE
8. SLIM PROFILE RUBBER TRANSITION STRIPS, UNLESS NOTED OTHERWISE
9. ALL HOLLOW METAL DOOR FRAMES PAINT PT-9, UNLESS NOTED OTHERWISE
10. REFER TO FLOOR PATTERN PLAN FOR “VARIES” FOR FINISH APPLICATION
11. ALL PAINTED FINISHES TO TERMINATE AT INSIDE CORNER, UNLESS NOTED OTHERWISE
13. ALL HOLLOW METAL DOORS TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
14. EXISTING TO REMAIN DOOR FRAMES TO BE PAINTED PT-9, UNLESS NOTED OTHERWISE
15. REPLACEMENT WINDOW TREATMENTS TO MATCH EXISTING

PROJECT NAME

ARCHITECT OF RECORD

GENERAL NOTES TO FINISHES

DATE: 07/02/2018

NOTES TO SHEET

REVISIONS

CPT

LEVEL 4 FLOOR PATTERN PLAN

PROJECT NUMBER

045017.0000
CIP 1601

ISSUE FOR CONSTRUCTION

07/02/2018

LEVEL 4 FLOOR PATTERN PLAN

IA5.1
1. REFER TO FURNITURE SPECIFICATION FOR FURNITURE CODE INFORMATION
2. PROCUREMENT TO BE HANDLED BY OWNER
3. EXISTING FURNITURE TO BE RELOCATED BY OWNER IN OUT OF SCOPE AREAS
4. NEW FURNITURE IS OWNER FURNISHED, VENDOR INSTALLED
### DIFFUSER & GRILLE SCHEDULE NOTES
1. **MAX NC** - 30 FOR ALL AIR DEVICES. NC SHALL BE CALCULATED AS PER AHRI 885-2008 ASSUMING LAY-IN ACOUSTICAL TILE.
2. PROVIDE INTEGRAL OBD FOR SIDEWALL DIFFUSERS AND GRILLES.
3. ALL DIFFUSERS IN GYPSUM BOARD CEILINGS TO HAVE FLOATABLE EDGE TRIM.

### AIR DEVICE NOMENCLATURE

<table>
<thead>
<tr>
<th>DIFFUSER MARK</th>
<th>CFM RANGE</th>
<th>NECK SIZE</th>
<th>SUPPLY</th>
<th>RETURN</th>
<th>EXHAUST</th>
<th>TYPE</th>
<th>PATTERN</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>30-80</td>
<td>NA</td>
<td>ROUND</td>
<td>FLOOR</td>
<td>DISPLACEMENT</td>
<td>STAR</td>
<td>PRICE</td>
</tr>
<tr>
<td>RFDD</td>
<td></td>
<td>WITH DISTRIBUTOR, BASKET AND DAMPER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>30-80</td>
<td>NA</td>
<td>ROUND</td>
<td>FLOOR</td>
<td>DISPLACEMENT</td>
<td>STAR</td>
<td>PRICE</td>
</tr>
<tr>
<td>630 FL ALUMINUM FACE AND FRAME</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>0-130</td>
<td>6'' X 12'' X 12''</td>
<td>PERF.</td>
<td>FACE</td>
<td>PERF</td>
<td>PRICE</td>
<td></td>
</tr>
<tr>
<td>APDDR ALUMINUM CONSTRUCTION</td>
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</tr>
</tbody>
</table>

### FAN COIL UNIT SCHEDULE NOTES
1. UNIT SHALL HAVE A SINGLE POINT POWER CONNECTION. SEPARATE BUT ADJACENT COMBINATION STARTER/DISCONNECT SWITCH TO BE PROVIDED BY DIVISION 26.

### EXISTING AIR HANDLING UNIT SCHEDULE NOTES
1. CONTRACTOR TO COORDINATE WITH OWNER AND FAN CONTRACTOR TO MINIMIZE DISRUPTION TO OCCUPIED SPACES.
### Single Duct Underfloor Terminal Boxes Schedule

**General Notes:**

A. All selections are based on York FlexSys model MIT3-CS.

B. Inlet size indicated is the minimum inlet size acceptable. Manufacturer may increase inlet size if necessary to meet project requirements.

C. Max Sp In. WG is the maximum static pressure drop allowed through the box at scheduled maximum CFM.

D. Terminal box shall be operated by 24V power. Provide control power transformer underfloor power module per specifications. Division 26 shall provide single point power connection to each underfloor power module.

E. Provide underfloor power module junction box. One power module junction box for maximum of ten terminal units. Power module junction box basis of design FlexSys model PM4. Coordinate with Division 26 for electrical connections.

---

**Schedule - Underfloor Air Terminal Boxes**

<table>
<thead>
<tr>
<th>ZONE</th>
<th>MARK</th>
<th>LEVEL</th>
<th>BOX TYPE</th>
<th>SERVE BY AHU/FAN</th>
<th>PRIMARY AIR GRILLE</th>
<th>DIMENSION (IN.)</th>
<th>MAX S.P. IN. WG</th>
<th>MAX (CFM)</th>
<th>MIN (CFM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZN1</td>
<td>UVAV-4-001</td>
<td>LEVEL 4</td>
<td>VAV SNAHU/4-1</td>
<td>115</td>
<td>40</td>
<td>10x10</td>
<td>0.1</td>
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<td>LEVEL 4</td>
<td>VAV SNAHU/4-1</td>
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<td>ZN2</td>
<td>UVAV-4-005</td>
<td>LEVEL 4</td>
<td>VAV SNAHU/4-2</td>
<td>125</td>
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<tr>
<td>ZN2</td>
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<td>LEVEL 4</td>
<td>VAV SNAHU/4-2</td>
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<td>45</td>
<td>10x10</td>
<td>0.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Schedule - Underfloor Air Terminal Boxes**

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<th>BOX TYPE</th>
<th>SERVE BY AHU/FAN</th>
<th>PRIMARY AIR GRILLE</th>
<th>DIMENSION (IN.)</th>
<th>MAX S.P. IN. WG</th>
<th>MAX (CFM)</th>
<th>MIN (CFM)</th>
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</thead>
<tbody>
<tr>
<td>ZN31</td>
<td>UVAV-4-092</td>
<td>LEVEL 4</td>
<td>VAV SNAHU/4-2</td>
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<td>45</td>
<td>10x10</td>
<td>0.1</td>
<td></td>
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<tr>
<td>ZN31</td>
<td>UVAV-4-093</td>
<td>LEVEL 4</td>
<td>VAV SNAHU/4-2</td>
<td>150</td>
<td>45</td>
<td>10x10</td>
<td>0.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZN32</td>
<td>UVAV-4-152</td>
<td>LEVEL 4</td>
<td>VAV SNAHU/4-2</td>
<td>105</td>
<td>45</td>
<td>10x10</td>
<td>0.1</td>
<td></td>
<td></td>
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<tr>
<td>ZN32</td>
<td>UVAV-4-153</td>
<td>LEVEL 4</td>
<td>VAV SNAHU/4-2</td>
<td>105</td>
<td>40</td>
<td>10x10</td>
<td>0.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
GENERAL NOTES

A. EXISTING EQUIPMENT LOCATIONS AND SIZES ON THE DRAWINGS HAVE BEEN OBTAINED FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND ARE SCHEMATIC IN NATURE. FIELD VERIFY ACTUAL DIMENSIONS AND LOCATIONS BEFORE DEMOLITION.

B. CONTRACTOR TO REVIEW SHUTDOWN REQUIREMENTS. FIELD VERIFY ACTUAL DIMENSIONS AND LOCATIONS BEFORE SUBMITTING PRICING.

C. CONTRACTOR TO PROTECT EXISTING MEP EQUIPMENT, PIPING, DUCTS, AND DEVICES TO REMAIN DURING THE DEMOLITION.

D. OWNER SHALL HAVE FIRST RIGHTS TO ALL EQUIPMENT TO BE REMOVED. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DEMOLITION OF EQUIPMENT TO BE HANDED OVER TO OWNER. REMAINING DEMOLISHED EQUIPMENT SHALL BE PROPERLY DISPOSED OF.

E. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS TO PATCH HOLES FROM DEMOLISHED DUCTWORK.

F. ALL EXISTING PNEUMATIC CONTROLS ASSOCIATED WITH DEMOLISHED MEP EQUIPMENT SHALL BE ALSO BE DEMOLISHED.

KEYED NOTES - M1.1

1. REMOVE ALL CONSTANT VOLUME AIR DIFFUSERS AND RETURN TO OWNER REPRESENTATIVE. DUCTWORK TO BE SEAMED AT 12" INTERVALS.

2. REMOVE ALL VAV FLOOR DIFFUSERS AND RETURN TO OWNER REPRESENTATIVE. DUCTWORK TO BE SEAMED AT 12" INTERVALS. DUCTWORK PENETRATIONS TO BE DEMOLISHED.

3. REMOVE ALL EXISTING RETURN AIR GRILLES THAT ARE IN GOOD CONDITIONS.

4. REMOVE AND REUSE EXISTING RETURN AIR GRILLES. 5 RETURN AIR OPENINGS TO BE DEMOLISHED.

5. REMOVE AND REUSE EXISTING RETURN AIR GRILLES. 5 RETURN AIR OPENINGS TO BE DEMOLISHED.

6. REMAINING DEMOLISHED DUCTWORK, WIRING AND PIPING TO BE PROPERLY DISPOSED OF.
GENERAL NOTES

A. PIPING AND ELECTRICAL AND NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINES, TELEPHONE AND COMMUNICATION ROOMS.

B. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING SHOWN. PROVIDE RELAYS, CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO FORM A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.
A. REFER TO DIFFUSER SCHEDULE FOR SIZES OF DIFFUSER AND DIFFUSER CONNECTION SIZE.
B. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF RETURN AIR TRANSFER DUCT INSTALLATION.
C. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS AND COMMUNICATION ROOMS.
D. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING SHOWN. PROVIDE RELAYS, CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO MAKE A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.

GENERAL NOTES

SKILLS & TASKS 1
440
1858 SF

SKILLS & TASKS 2
445
2184 SF

SKILLS & TASKS 3
450
1960 SF

CORRIDOR
4H04
804 SF

STORAGE WORKROOM
437
305 SF

PROJECT NAME: CIP 1601
SIMULATION CENTER

MECHANICAL FOURTH FLOOR
HVAC PLAN - PHASE 1 - AREA A

M3.1A

07/02/18
GENERAL NOTES

A. REFER TO DIFFUSER SCHEDULE FOR SIZE OF RUNOUT AND DIFFUSER CONNECTION SIZE.
B. TERMINAL BOX INSTALLATION DETAILS.
C. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF DIFFUSER INSTALLATION AND CONNECTION DETAILS.
D. CONTRACTOR SHALL PROVIDE CLEARANCE IN FRONT AND AT SIDES OF TERMINAL BOX UNIT CONTROL PANEL AND J-BOX AS REQUIRED BY N.E.C. (36 INCHES).
E. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF RETURN AIR TRANSFER DUCT INSTALLATION.
F. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS AND COMMUNICATION ROOMS.
G. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING SHOWN. PROVIDE RELAYS, CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO MAKE A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.

KEYED NOTES - M3.1B

CONNECT AIR GRILLE BOOT OPENING TO BE DIRECTED AWAY FROM CORRIDOR IF WALL NOT TO DECK. REFER TO 4/M0702 DETAIL FOR COORDINATION. RETURN AIR GRILLES AT THE LOCATION SHOWN. CONTRACTOR TO COORDINATE RETURN AIR GRILLES WITH ARCHITECT REFLECTED CEILING PLANS.
GENERAL NOTES

A. REFER TO DIFFUSER SCHEDULE FOR SIZE OF RUNOUT AND DIFFUSER CONNECTION SIZE.

B. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF TERMINAL BOX INSTALLATION DETAILS.

C. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF DIFFUSER INSTALLATION AND CONNECTION DETAILS.

D. CONTRACTOR SHALL PROVIDE CLEARANCE IN FRONT AND AT SIDES OF TERMINAL BOX UNIT CONTROL PANEL AND J-BOX AS REQUIRED BY N.E.C. (36 INCHES).

E. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF RETURN AIR TRANSFER DUCT INSTALLATION.

F. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS AND COMMUNICATION ROOMS.

G. FIELD INVESTIGATE WIRING ARRANGEMENT FOR PERIMETER ELECTRIC BASEBOARD HEAT. REWIRE AS REQUIRED TO REGROUP PER THERMAL ZONING SHOWN. PROVIDE RELAYS, CONTROLS, AND ALL OTHER PARTS AND ACCESSORIES REQUIRED TO MAKE A COMPLETE FUNCTIONING SYSTEM. INTEGRATE WITH NEW YORK FLEX SYS UNDER FLOOR AIR TERMINALS AT PERIMETER ZONES WITH ELECTRIC BOXES AND HEAT.
1. **GENERAL NOTES**

   A. REFER TO DIFFUSER SCHEDULE FOR SIZE OF RUNOUT AND DIFFUSER CONNECTION SIZE.
   B. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF TERMINAL BOX INSTALLATION DETAILS.
   C. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF TERMINAL BOX INSTALLATION DETAILS.
   D. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF TERMINAL BOX INSTALLATION DETAILS.
   E. REFER TO MECHANICAL DETAIL SCHEDULE FOR LOCATION OF RETURN AIR TRANSFER DUCT INSTALLATION.
   F. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS AND COMMUNICATION ROOMS.

2. **KEYED NOTES - M3.1D**

   1. REFER TO DIFFUSER SCHEDULE FOR SIZE OF RUNOUT AND DIFFUSER CONNECTION SIZE.

3. **LEGEND**

   - CONNECT TO EXISTING
   - RENOVATION
   - NO WORK IN THIS AREA

---

**PROJECT NAME**

**PROJECT NUMBER**

**ISSUE DATE**

**DRAWING TITLE**

**DRAWING NUMBER**

**REVISIONS**

**CONSULTANT**

---

**CIP 1601 SIMULATION CENTER**

**MECHANICAL FOURTH FLOOR HVAC PLAN - PHASE 2 - AREA B**

**M3.1D**

---

**SHAH SMITH & ASSOCIATES, INC.**

2600 Wilcrest, Suite #501, Houston, Texas 77072
Ph: 713.780.7563 Fax: 713.780.6891
Texas Registered Engineers Lic # 110409

**FKP Architects, Inc.**

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ASHRAE 52 FILTER RATING

**LEGEND**

- OS: CARBON DIOXIDE SENSOR
- TS: TEMPERATURE SENSOR
- N.C.: NORMALLY CLOSED
- N.O.: NORMALLY OPEN
- DP: DIFFERENTIAL PRESSURE SENSOR
- CO2: SPACE STATE PRESSURE SENSOR (CO2)
- HP: SPACE PRE-HEAT SENSOR
- G: FIRE/FIRE SMOKE DAMPER
- FS: TWO POSITION MOTORIZED DAMPER
- FD/FSD: EXHAUST/RELIEF AIR DUCT
- EXIST.: EXISTING
- VFD: VARIABLE FREQUENCY DRIVE
- U/S: SUPPLY AIR DUCT
- D/CHS: DRAIN PAN
- D/CHS/CHR: DRAIN PAN / RETURN DRAIN PAN
- LAB COMPRESSOR: LAB COMPRESSOR
- CHS: FAN COIL UNIT
- CHS/CHR: FAN COIL UNIT / RETURN AIR DUCT

**GENERAL NOTE:**

A. PROVIDE ALL NEW TERMINAL EQUIPMENT CONTROLLERS (TEC), WIRING, DEVICES, SENSORS, AND ACCESSORIES AND PROGRAMMING/GRAPHICS TO BE COMPLETELY COMPATIBLE/INTEGRATED WITH EXISTING SYSTEM. INSTALLATION OF ALL SYSTEMS AND EQUIPMENT SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.

B. CUSTOMER SHALL PROVIDE SOFTWARE GRAPHICS TO DISPLAY ANY NEW DDC POINTS INDICATED ON THIS SHEET.

**SEQUENCE OF OPERATION FOR FCU UNITS:**

1. EACH FCU SHALL CONSIST OF A SUPPLY FAN, MERV 8 PRE-FILTER, RETURNS AIR COL.

2. THE UNIT SHALL BE STARTED AND SHUT DOWN THROUGH THE EXISTING JCI METASYS DDC. WHEN THE UNIT IS ENERGIZED, A ROOM TEMPERATURE SENSOR SHALL BE ON. THROUGH THE TEC, ADJUST THE NORMALLY OPEN LOW VALUES IN SEQUENCE TO MINIMIZE FAN TEMPERATURE SETPOINT (ADJUSTABLE).

3. A CURRENT SENSOR WILL BE UTILIZED TO VERIFY PROOF OF RUN.

4. UNOCCUPIED MODE: DURING UNOCCUPIED MODE, THE UNIT SHALL CYCLE ON/OFF TO MAINTAIN THE UNOCCUPIED MODE SETPOINT. EXCEPT THE FAN COIL UNIT IN THE MECHANICAL ROOM WILL BE CYCLE ON/OFF BASED ON AHU HOURS OF OPERATION.

5. FLOAT SWITCH IN SECONDARY DRAIN PAN SHALL BE HARDWIRED TO SHUT DOWN FAN, CLOSE VALVES AND SEND AN ALARM TO DDC ONCE ENGAGED.

6. UNOCCUPIED MODE: DURING UNOCCUPIED MODE, THE UNIT SHALL CYCLE ON/OFF TO MAINTAIN THE UNOCCUPIED MODE SETPOINT. EXCEPT THE FAN COIL UNIT IN THE MECHANICAL ROOM WILL BE CYCLE ON/OFF BASED ON AHU HOURS OF OPERATION.

7. GENERAL NOTE:

A. PROVIDE ALL NEW TERMINAL EQUIPMENT CONTROLLERS (TEC), WIRING, DEVICES, SENSORS, AND ACCESSORIES AND PROGRAMMING/GRAPHICS TO BE COMPLETELY COMPATIBLE/INTEGRATED WITH EXISTING JCI METASYS SYSTEM. CONTRACTOR SHALL UPDATE SOFTWARE GRAPHICS TO DISPLAY ANY NEW DDC POINTS INDICATED ON THIS SHEET.

B. PROVIDE ALL NEW TERMINAL EQUIPMENT CONTROLLERS (TEC), WIRING, DEVICES, SENSORS, AND ACCESSORIES AND PROGRAMMING/GRAPHICS TO BE COMPLETELY COMPATIBLE/INTEGRATED WITH EXISTING JCI METASYS SYSTEM.

C. PROVIDE ALL NEW TERMINAL EQUIPMENT CONTROLLERS (TEC), WIRING, DEVICES, SENSORS, AND ACCESSORIES AND PROGRAMMING/GRAPHICS TO BE COMPLETELY COMPATIBLE/INTEGRATED WITH EXISTING JCI METASYS SYSTEM.

**SEQUENCE OF OPERATION FOR FCU UNITS:**

1. EACH FCU SHALL CONSIST OF A SUPPLY FAN, MERV 8 PRE-FILTER, RETURNS AIR COL.

2. THE UNIT SHALL BE STARTED AND SHUT DOWN THROUGH THE EXISTING JCI METASYS DDC. WHEN THE UNIT IS ENERGIZED, A ROOM TEMPERATURE SENSOR SHALL BE ON. THROUGH THE TEC, ADJUST THE NORMALLY OPEN LOW VALUES IN SEQUENCE TO MINIMIZE FAN TEMPERATURE SETPOINT (ADJUSTABLE).

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5. FLOAT SWITCH IN SECONDARY DRAIN PAN SHALL BE HARDWIRED TO SHUT DOWN FAN, CLOSE VALVES AND SEND AN ALARM TO DDC ONCE ENGAGED.

6. UNOCCUPIED MODE: DURING UNOCCUPIED MODE, THE UNIT SHALL CYCLE ON/OFF TO MAINTAIN THE UNOCCUPIED MODE SETPOINT. EXCEPT THE FAN COIL UNIT IN THE MECHANICAL ROOM WILL BE CYCLE ON/OFF BASED ON AHU HOURS OF OPERATION.

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C. PROVIDE ALL NEW TERMINAL EQUIPMENT CONTROLLERS (TEC), WIRING, DEVICES, SENSORS, AND ACCESSORIES AND PROGRAMMING/GRAPHICS TO BE COMPLETELY COMPATIBLE/INTEGRATED WITH EXISTING JCI METASYS SYSTEM.

**SEQUENCE OF OPERATION FOR FCU UNITS:**

1. EACH FCU SHALL CONSIST OF A SUPPLY FAN, MERV 8 PRE-FILTER, RETURNS AIR COL.

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4. UNOCCUPIED MODE: DURING UNOCCUPIED MODE, THE UNIT SHALL CYCLE ON/OFF TO MAINTAIN THE UNOCCUPIED MODE SETPOINT. EXCEPT THE FAN COIL UNIT IN THE MECHANICAL ROOM WILL BE CYCLE ON/OFF BASED ON AHU HOURS OF OPERATION.

5. FLOAT SWITCH IN SECONDARY DRAIN PAN SHALL BE HARDWIRED TO SHUT DOWN FAN, CLOSE VALVES AND SEND AN ALARM TO DDC ONCE ENGAGED.

6. UNOCCUPIED MODE: DURING UNOCCUPIED MODE, THE UNIT SHALL CYCLE ON/OFF TO MAINTAIN THE UNOCCUPIED MODE SETPOINT. EXCEPT THE FAN COIL UNIT IN THE MECHANICAL ROOM WILL BE CYCLE ON/OFF BASED ON AHU HOURS OF OPERATION.

**GENERAL NOTE:**

A. PROVIDE ALL NEW TERMINAL EQUIPMENT CONTROLLERS (TEC), WIRING, DEVICES, SENSORS, AND ACCESSORIES AND PROGRAMMING/GRAPHICS TO BE COMPLETELY COMPATIBLE/INTEGRATED WITH EXISTING JCI METASYS SYSTEM. CONTRACTOR SHALL UPDATE SOFTWARE GRAPHICS TO DISPLAY ANY NEW DDC POINTS INDICATED ON THIS SHEET.
1. Fabric Duct Inlet Connection

2. Fabric Duct Elbow Retention Detail

3. Fabric Duct Operable Endcap

4. Vertical Fan Coil Unit Detail
1. WHEN PIPE SIZE IS 2" OR SMALLER, PROVIDE BALL VALVE IN LIEU OF BUTTERFLY ISOLATION VALVE.
2. INSTALL UNIONS OR FLANGES IN PIPE LOCATIONS OUT OF WAY TO PERMIT COIL REMOVAL.
3. PROVIDE PRESSURE/THERMOMETER TEST PORTS AT TERMINAL UNITS.
4. PROVIDE BALL VALVE AT TERMINAL UNITS.
5. PROVIDE BALANCING VALVES AT TERMINAL UNITS.
6. PROVIDE RETURN AIR WITH CAPPED HOSE ADAPTOR ABOVE ISOLATION VALVE AT END OF PIPING RUN.
7. PROVIDE 3/4" DRAIN OR VENT IF REQUIRED.
8. PROVIDE UNIONS OR FLANGES IMMEDIATELY UPSTREAM AND DOWNSTREAM OF CONTROL VALVE.
9. 3/4" BALL VALVE WITH CAPPED HOSE ADAPTOR CAN BE OMITTED IF STRAINER IS AT LOW PART OF PIPING.
### Electrical Symbols, Legend, and Abbreviations

#### Fire Alarm Symbols

- **Main Fire Alarm & Control Panel**
- **Smoke Detector**
- **Smoke Detector**
- **Manual Fire Alarm Pull Station**
- **Fire Alarm Device-Ground Mounted**

#### Relocated Plan Symbols

- **Elevator Pull Station**
- **Emergency Phone**
- **Fire Alarm Device**
- **siren**
- **Emergency Power Panel**

#### Abbreviations

- **APM**
- **BPA**
- **CP**
- **EO**
- **EOU**
- **EV**
- **FD**
- **FDP**
- **EC**
- **ESCC**
- **ES**
- **ESP**
- **EUI**
- **IP**
- **IPM**
- **LAC**
- **LA**
- **LP**
- **LE**
- **FDP**
- **EAC**

#### Electrical Plan Symbols

- **Fire Alarm Device**
- **Emergency Power Panel**
- **Control Panel**
- **Control Device Panel**
- **Fire Alarm Device-Ground Mounted**

#### Keyed Notes Symbol

- **Elm**
- **Elevator**
- **Emergency Power**
- **Full Service**
- **Key Operated Device**
<table>
<thead>
<tr>
<th>LUMINAIRE SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE</td>
</tr>
<tr>
<td>112</td>
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</tbody>
</table>

**Notes:**
- All notes and schedules must be provided in accordance with the project specifications.
- Changes and revisions must be communicated to the appropriate parties.
- Compliance with local codes and regulations is mandatory.
### Panel Schedule

<table>
<thead>
<tr>
<th>Panel No.</th>
<th>Location</th>
<th>Circuit Type</th>
<th>Rating (kVA)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>A1</td>
<td>3 Phase</td>
<td>150,170</td>
<td>Main Panel</td>
</tr>
<tr>
<td>P2</td>
<td>B2</td>
<td>3 Phase</td>
<td>150,170</td>
<td>Sub Panel</td>
</tr>
<tr>
<td>P3</td>
<td>C3</td>
<td>3 Phase</td>
<td>150,170</td>
<td>Service</td>
</tr>
<tr>
<td>P4</td>
<td>D4</td>
<td>3 Phase</td>
<td>150,170</td>
<td>Breaker Box</td>
</tr>
<tr>
<td>P5</td>
<td>E5</td>
<td>3 Phase</td>
<td>150,170</td>
<td>Lighting</td>
</tr>
<tr>
<td>P6</td>
<td>F6</td>
<td>3 Phase</td>
<td>150,170</td>
<td>HVAC</td>
</tr>
<tr>
<td>P7</td>
<td>G7</td>
<td>3 Phase</td>
<td>150,170</td>
<td>Control</td>
</tr>
</tbody>
</table>

Note: All panels are rated at 150,170 kVA and are located in the indicated areas.

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**Additional Details:**

- **E1 Health:**
  - University of Texas Health Science Center
  - SIMULATION CENTER

- **Space:**
  - CIP 1601
  - 045017.0000

- **Drawn by:** Juan and Robert Clift
- **Ph.:** 713.249.7532
- **Fax:** 713.249.7539
- **E-mail:** Juan@shahsmith.com

- **Scale:** 100% CONSTRUCTION DOCUMENTS
- **Date:** 07/03/2018

- **Contractor:** electrical panel board schedules
- **Revision:** E7.2
LEVEL 04 FIRE ALARM DEMOLITION PLAN

1 LEVEL 04 FIRE ALARM DEMOLITION PLAN

NOT IN SCOPE

GENERAL NOTES - GE3.0

A. ASSEMBLY AND INSTALLATION OF ELEVATORS, HEAT, WATER, AND PLUMBING, AS SHOWN IN ADDITIONAL PLANS.

B. NOT TO INCLUDE QUANTITY OF WOODWORK, ACROSS OR IN THE CIRCUMSTANCE OF SPECIFIC SPECIFIC, BUT ALL CIRCUMSTANCES TO BE DETERMINED.

C. REFER TO ARCHITECTURAL PLANS FOR PLANNING.

KEYED NOTES - E3.0

1. REFER TO DRAWING.

045017.0000
CIP 1601
05.00
100% CONSTRUCTION DOCUMENTS
07/02/2019
LEVEL 04 FIRE ALARM DEMOLITION PLAN
ED3.0
LEVEL 4 PLUMBING DEMOLITION PLAN

**KEYED NOTES**

- **1 DEMO EXISTING FIXTURE. DEMO ASSOCIATED WATER, SANITARY AND VENT PIPE BACK TO MAIN.**
- **2 DEMO BELOW COUNTER WATER HEATER AND ASSOCIATED WATER PIPING TO PLUMB FOR ELECTRICAL DRAIN.**
- **3 DEMO LEFT SIDE REFRIGERATION BOX TO LEFT SIDE DRAIN TO MAIN.**
- **4 DEMO SANITARY AND ASSOCIATED WATER PIPING.**

**GENERAL NOTES**

A. LIGHT LINES ARE EXISTING TO REMAIN.
B. BOLD LINES ARE TO BE DEMOLISHED.

**PROJECT NAME**

- Houston
- Dallas
- Columbus

**PROJECT NUMBER**

- 045017.0000

**ISSUE DATE**

- 07/02/2018

**DRAWING TITLE**

- LEVEL 4 PLUMBING DEMOLITION PLAN

**DRAWING NUMBER**

- PD1.4

**CONSULTANT**

- FKP Architects, Inc.
LEVEL 4 - DEMOLITION PLAN - COMMUNICATIONS