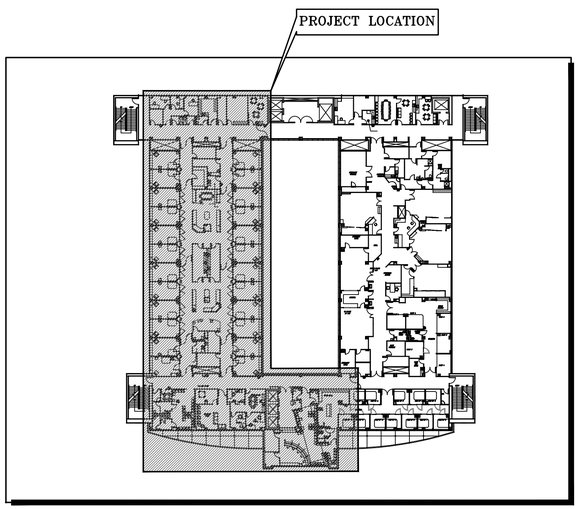
UNIVERSITY MEDICAL CENTER
6TH FLOOR CV/CICU RENOVATION
PROPOSAL ITEM #1

602 INDIANA AVENUE
LUBBOCK, TX 79415

INDEX OF SHEETS



UMC SIXTH FLOOR LOCATION PLAN
NOT TO SCALE

NORTH

REGISTERED ARCHITECT
STACEY WINCEY WHITBY
17827
STATE OF TEXAS

05/01/2025

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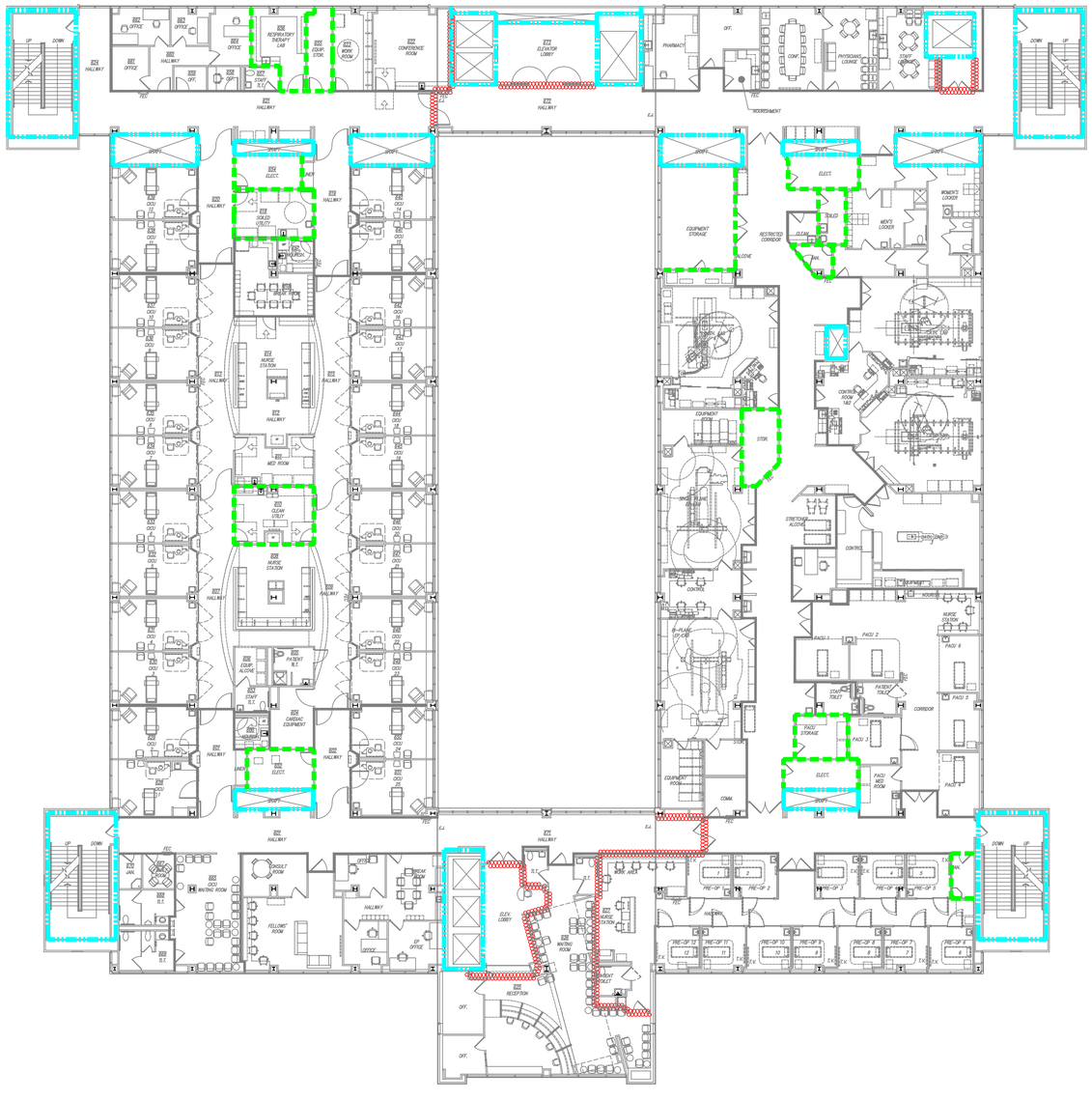
CDG PROJ NO. 22307
DATE: 05/01/2025



LIFE SAFETY PLAN LEGEND

FIRE RATED ASSEMBLY LEGEND. AREAS HAVE BEEN SHOWN OUTSIDE THE AREA OF WORK FOR REFERENCE ONLY. THE CONTRACTOR'S RESPONSIBILITY FOR CONSTRUCTION OR MAINTENANCE OF FIRE RATED ASSEMBLIES IS LIMITED ONLY TO THE AREAS OF WORK.

1-HOUR FIRE-RATED ASSEMBLY
FRAME NEW WALLS TO DECK AND SEAL TOP AND BOTTOM JOINTS WITH UL RATED JOINT SYSTEMS. AT EXISTING WALLS, EXTEND TO DECK ABOVE AS NECESSARY AND SEAL JOINTS. ALL PENETRATIONS, NEW OR EXISTING, ARE TO BE SEALED WITH UL RATED SYSTEMS.

EXISTING 2-HOUR FIRE-RATED ASSEMBLY
FRAME NEW WALLS TO DECK AND SEAL TOP AND BOTTOM JOINTS WITH UL RATED JOINT SYSTEMS. AT EXISTING WALLS, EXTEND TO DECK ABOVE AS NECESSARY AND SEAL JOINTS. ALL PENETRATIONS, NEW OR EXISTING, ARE TO BE SEALED WITH UL RATED SYSTEMS.

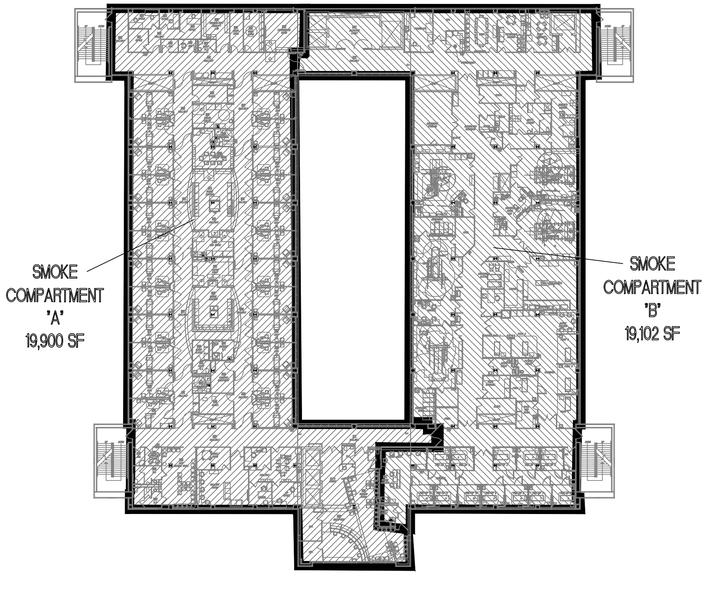
SMOKE BARRIER
1-HOUR FIRE-RATED ASSEMBLY FRAME NEW WALLS TO DECK AND SEAL TOP AND BOTTOM JOINTS WITH UL RATED JOINT SYSTEM. AT EXISTING WALL, EXTEND TO DECK ABOVE AS NECESSARY AND SEAL JOINTS. ALL PENETRATIONS, NEW OR EXISTING ARE TO BE SEALED WITH UL RATED SYSTEMS.

NON-RATED SMOKE PARTITION
WALL PARTITION THAT IS NOT FIRE-RATED AND DOES NOT EXTEND TO STRUCTURAL DECK ABOVE. WALL MAY TERMINATE 6" ABOVE CEILING. MUST PREVENT PASSAGE OF SMOKE.

DOOR APPROACH AND CLEARANCE

PROJECT INFORMATION

OWNER:	*UMC HEALTH SYSTEM* *602 INDIANA AVENUE* *LUBBOCK, TX*
BUILDING CODE:	*2021 INTERNATIONAL BUILDING CODE* *2021 INTERNATIONAL ENERGY CONSERVATION CODE* *2021 INTERNATIONAL PLUMBING CODE* *2021 INTERNATIONAL ELECTRICAL CODE* *2020 NATIONAL ELECTRICAL CODE* *2012 TEXAS ACCESSIBILITY STANDARDS* *2012 TEXAS HEALTH AND HUMAN SERVICES COMMISSION REGULATIONS* *2012 NFPA 101* *2012 NFPA 99*
OCCUPANCY: *CONSTRUCTION TYPE:*	*INSTITUTIONAL GROUP I-2* *TYPE 1-A FULLY SPRINKLED*
SCOPE OF WORK:	*7,625 S.F.* *SIXTH FLOOR – HOSPITAL PROPER*
ALTERNATE #1: *ALTERNATE #2:*	*5,500 S.F.* *1,630 S.F.*



28/CR1 SIXTH FLOOR - LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"

NORTH

12/CR1 SIXTH FLOOR - SMOKE COMPARTMENT DIAGRAM
SCALE: NTS

NORTH

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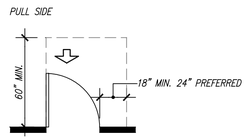
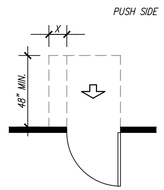
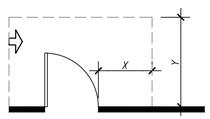
REQUIRED MINIMUM MANEUVERING CLEARANCES AT DOORS



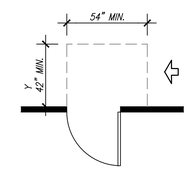


NOTE: X = 12 IN. IF DOOR HAS BOTH A CLOSER AND A LATCH

FRONT APPROACHES - SWINGING DOORS

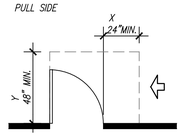


NOTE: X = 36 IN. MINIMUM IF Y = 60"
X = 42 IN. MINIMUM IF Y = 54"

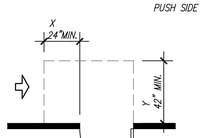


NOTE: Y = 48 IN. MINIMUM IF DOOR HAS BOTH A LATCH AND CLOSER

HINGE SIDE APPROACHES - SWINGING DOORS



NOTE: Y = 54 IN. MINIMUM IF DOOR HAS CLOSER



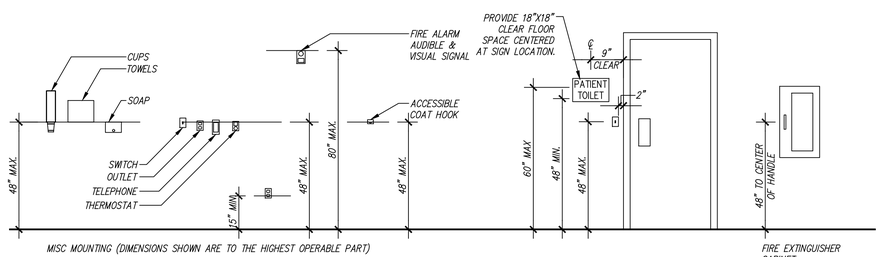
NOTE: Y = 48 IN. MINIMUM IF DOOR HAS CLOSER

LATCH SIDE APPROACHES - SWINGING DOORS

NOTES:

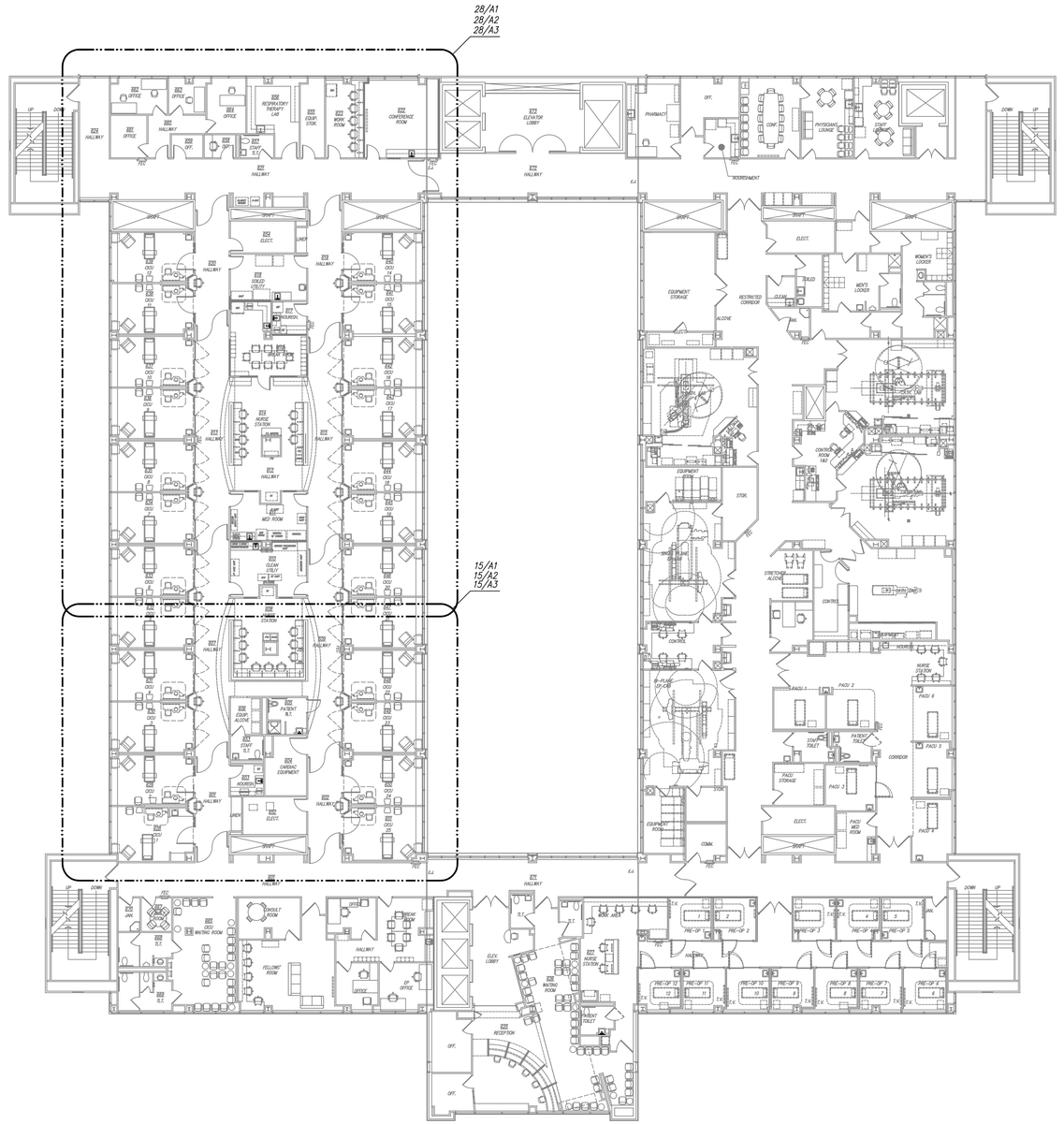
1). ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES

2). DIMENSIONS ARE FROM EDGE OF DOOR LEAF



STANDARD ACCESSIBLE MOUNTING HEIGHTS

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



16/CR2 SIXTH FLOOR - REFERENCE PLAN

SCALE: 1/16" = 1'-0"

NORTH

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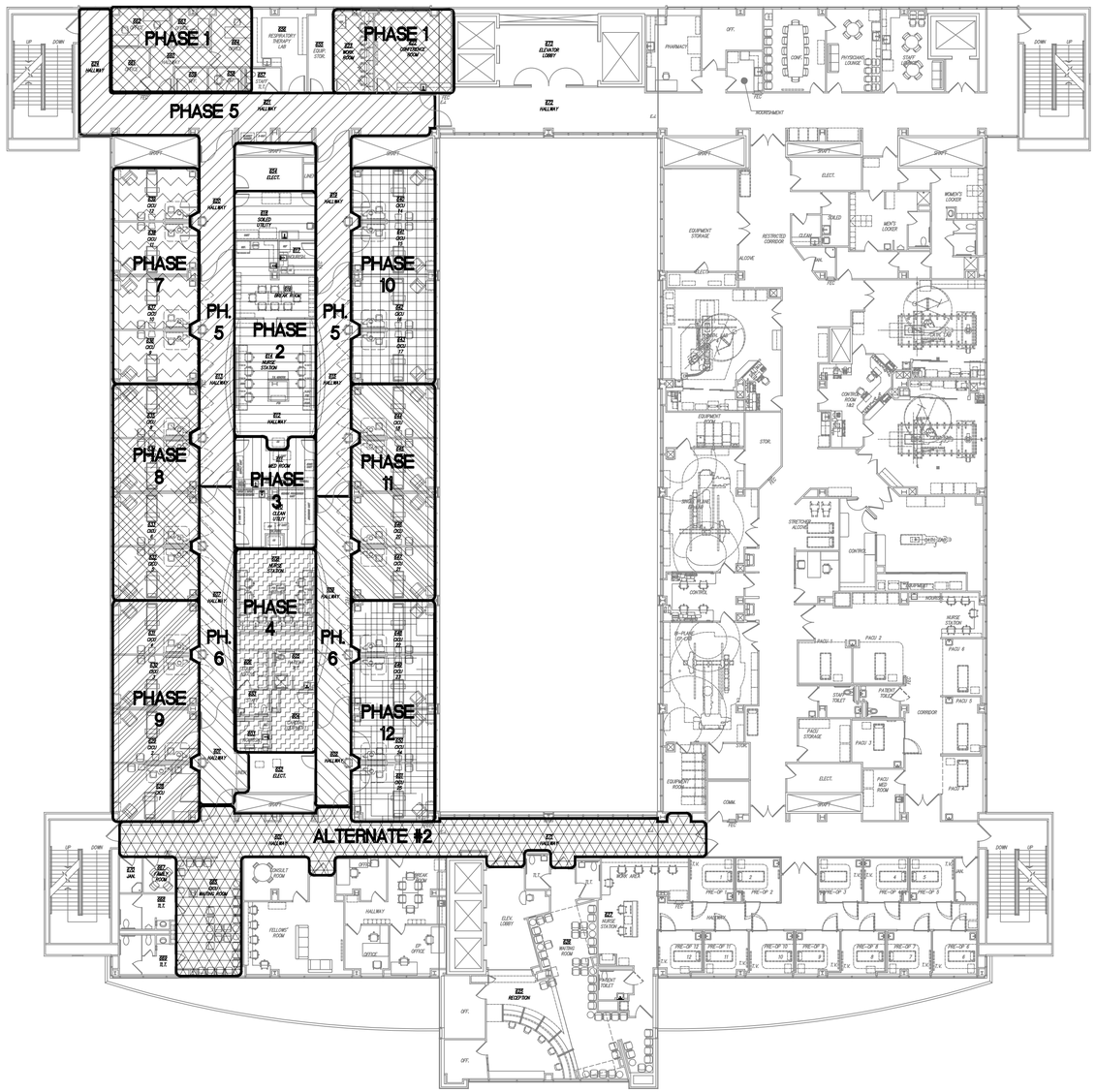

24/CR3 SIXTH FLOOR - PHASING PLAN

SCALE: 1/16" = 1'-0"

ALTERNATE #1-PATIENT ROOMS-PHASES 7-12

ALTERNATE #2-EAST/WEST CORRIDOR-NIGHTS & WEEKENDS

NORTH

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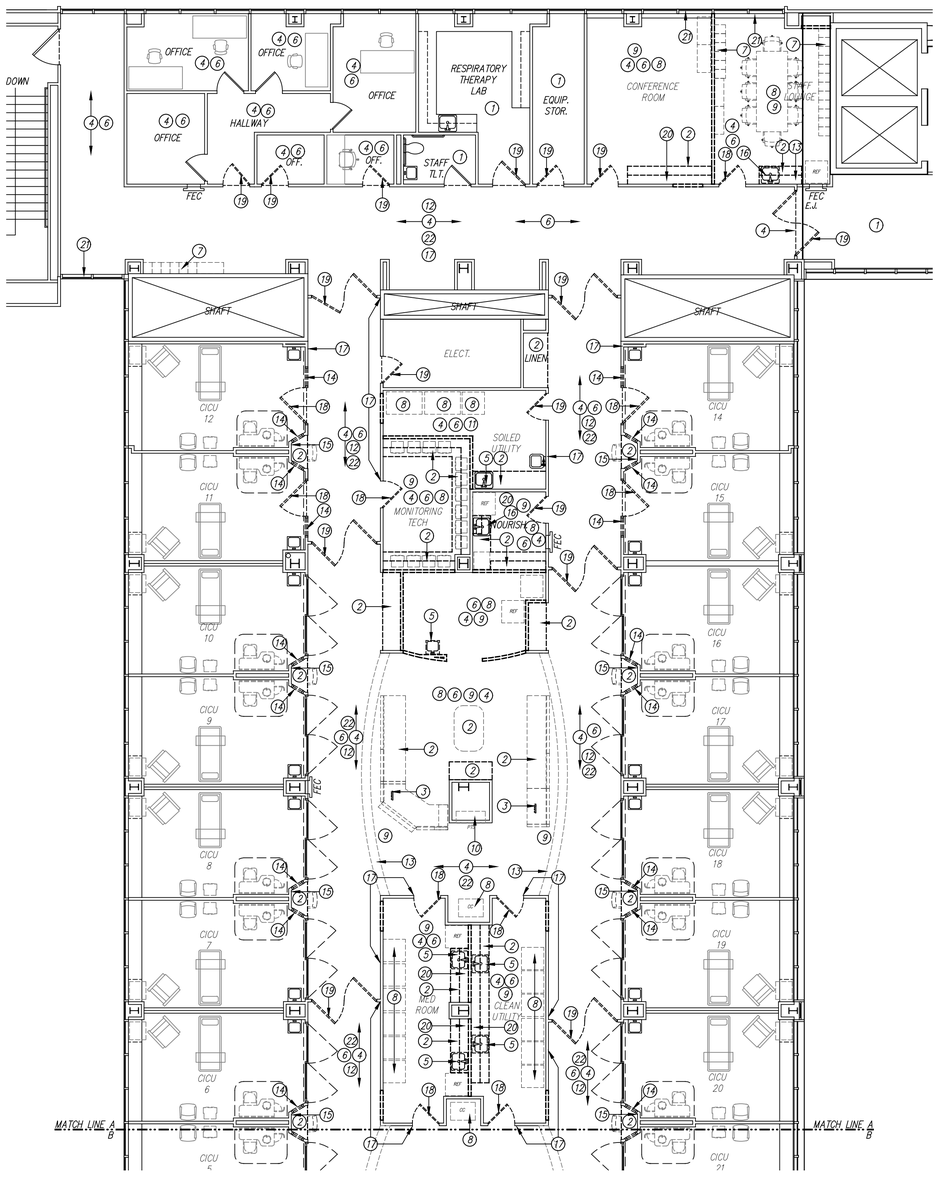
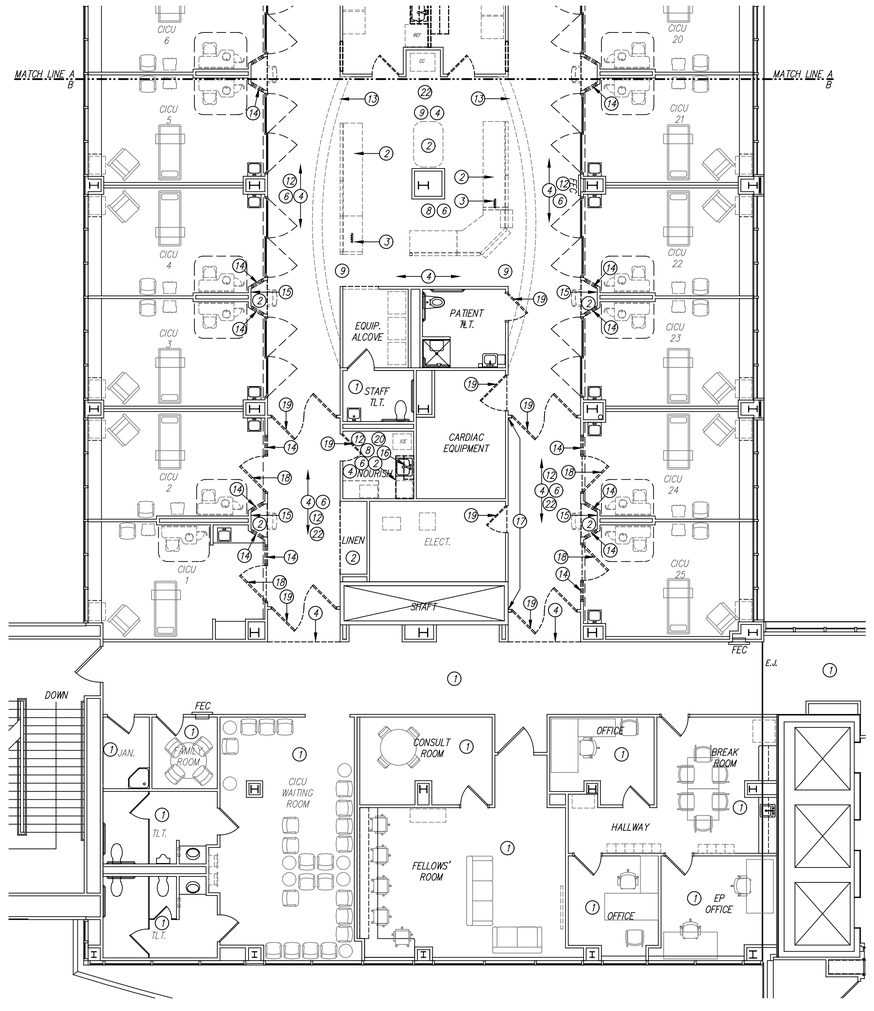


28/A1 SIXTH FLOOR - DEMOLITION PLAN - NORTH

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

NORTH



15/A1 SIXTH FLOOR - DEMOLITION PLAN - SOUTH

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

NORTH

GENERAL NOTES

1). REFER TO MPE SHEETS, WHERE APPLICABLE, FOR ADDITIONAL DEMOLITION INFORMATION.

2). ON ALL WALLS SCHEDULED TO REMAIN TO BE REWORKED OR RECEIVE NEW FINISH, CONTRACTOR SHALL REMOVE ANY EXISTING EQUIPMENT, DECORATIONS, DEVICES, ETC. AND SALVAGE FOR REINSTALLATION AS DIRECTED BY OWNER. CONTRACTOR IS TO PATCH BACK ANY HOLES OR ABANDONED ANCHORS AND RETEXTURE WALLS IF NECESSARY, AND PREP FOR NEW FINISH AS SCHEDULED.

3). NOTIFY ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.

4). CONTRACTOR SHALL PATCH AND REPAIR WALLS, FLOOR, AND CEILINGS AT ALL INTERSECTIONS WHERE WALLS ARE REMOVED OR WHERE DEVICES, EQUIPMENT, ACCESSORIES, ETC. ARE REMOVED. PREP WALLS TO RECEIVE NEW FINISH. NEW CONSTRUCTION SHOULD MATCH ADJACENT FINISHES AND MATERIALS AND PROVIDE SMOOTH AND COMPLETE TRANSITION.

5). ALL ITEMS INDICATED TO BE SALVAGED ARE TO BE VERIFIED WITH THE OWNER. IF OWNER DECLINES SALVAGE, CONTRACTOR SHALL REMOVE ITEMS FROM THE SITE AND DISPOSE OF THEM PROPERLY.

6). ALL ABANDONED PIPING, CONDUIT, WIRING, ETC. IS TO BE REMOVED BACK TO THE SOURCE, I.E. FURTHER JOINT WHERE NOTHING ELSE IS SERVED OFF OF THE SAME FEED.

7). CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REINSTALLATION OF ANY PLUMBING FIXTURES, ELECTRICAL ITEMS, TOILET ACCESSORIES, WALL-HUNG EQUIPMENT, ETC. WHERE WALLS ARE TO RECEIVE NEW FINISHES. ALL ITEMS ARE TO BE REINSTALLED IN COMPLIANCE WITH T.A.S. REQUIREMENTS.

8). FOR ALL DOOR FRAMES IN SCOPE OF PROJECT, PREP AND PAINT. REFER TO FINISH SCHEDULE.

9). REMOVE/REPAIR ANY ABANDONED WALL ANCHORS OR HOLES FOR NEW FINISH.

10). PATCH BACK AND REPAIR ALL WALLS, CEILING AND FLOORS WHERE DAMAGED DUE TO FIXTURE OR DEVICE REMOVAL/RELOCATION. MATCH MATERIAL OR EXISTING SURROUNDING CONDITIONS.

11). ALL EXISTING FLOORING TO BE REMOVED AS REQUIRED TO ACCOMMODATE NEW WORK. REFER TO FINISH SCHEDULE.

12). REPAIR GRID AND REPLACE CEILING TILES WHERE WALLS, FIXTURES, OR DEVICES ARE REMOVED. REPLACE ALL DAMAGED CEILING TILES IN THE AREA OF WORK. GRID SECTIONS ARE TO BE REPLACED BACK TO NEAREST 4' SECTION AT A MINIMUM. NO SPLICES.

13). REMOVE CEILING TILES AND GRID AS REQUIRED TO ACCOMMODATE ABOVE CEILING WORK. PROTECT ADJACENT CEILING TILES AND CEILING DEVICES DURING CONSTRUCTION.

KEYED NOTES

DESIGNATED BY: (#)

(1) NO WORK IN THIS AREA.

(2) REMOVE EXISTING MILLWORK/FURNITURE SYSTEM IN ITS ENTIRETY.

(3) RELOCATE EXISTING FLOOR MOUNTED ELECTRICAL STUB UPS AS NEEDED. CAP, PATCH AND PREP FLOOR FOR NEW FINISH. REFER TO ELECTRICAL AND ID SHEETS FOR MORE INFORMATION.

(4) REMOVE EXISTING FLOORING AND WALL BASE IN THEIR ENTIRETY. PREP FLOOR FOR NEW FINISH.

(5) REMOVE EXISTING PLUMBING FIXTURE(S) AND ACCESSORIES, CAP AND TERMINATE. REFER TO PLUMBING FOR MORE INFORMATION.

(6) PREP ALL WALLS SCHEDULED TO REMAIN TO RECEIVE NEW TEXTURE AND PAINT. REMOVE BLANK COVER PLATE, J-BOXES AND ANY ABANDONED ANCHORS, REPAIR ANY GOUGES OR HOLES AND RE-TEXTURE WALLS AS REQUIRED TO MATCH EXISTING TEXTURED WALLS.

(7) REMOVE EXISTING METAL LOCKERS. SALVAGE FOR OWNER REUSE.

(8) COORDINATE REMOVAL OR RELOCATION OF EXISTING EQUIPMENT WITH OWNER. SALVAGE FOR OWNER REUSE.

(9) REMOVE EXISTING HARD CEILING OR CEILING TILES, GRID, LIGHT FIXTURES & DEVICES TO ACCOMMODATE NEW WORK. REFER TO MPE SHEETS FOR MORE INFORMATION.

(10) PNEUMATIC TUBE STATION TO REMAIN. PROTECT DURING CONSTRUCTION.

(11) PATCH AND REPLACE GYPSUM BOARD TO MAINTAIN CONTINUITY AND INTEGRITY OF 1-HOUR FIRE RATED WALL. REFER TO MPE SHEETS FOR MORE INFORMATION.

(12) EXISTING CEILING TO REMAIN. REPLACE CEILING TILE AND GRID AS NEEDED.

(13) EXISTING GYPSUM BOARD FURRDOWN TO REMAIN, PATCH AND REPAIR DAMAGE. MODIFY AS NEEDED. PREP FOR NEW FINISH.

(14) REMOVE EXISTING WINDOW IN ITS ENTIRETY. PREP EXISTING OPENING TO RECEIVE NEW WINDOW WITH INTEGRAL BLINDS. PATCH BACK, REPAIR DAMAGE AROUND WINDOW OPENING AND PREP FOR NEW PAINT TO MATCH EXISTING FINISH.

(15) REMOVE EXISTING HILL-ROM DEVICE AND WALL EQUIPMENT SALVAGE FOR RELOCATION. CONTRACTOR TO PROTECT WAINSCOT BELOW COUNTERTOP. PATCH AND REPAIR DISTURBED FINISH REFER TO ID AND MPE SHEETS FOR MORE INFORMATION.

(16) REMOVE EXISTING SINK AND REPLACE WITH NEW SINK. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.

(17) EXISTING HANDRAIL TO REMAIN. MODIFY HANDRAIL CONNECTORS AND TERMINATIONS AS NECESSARY. REFER TO ID SHEET FOR MORE INFORMATION.

(18) REMOVE EXISTING DOOR(S) AND FRAME IN THEIR ENTIRETY. SALVAGE FOR OWNER REUSE.

(19) REMOVE EXISTING DOOR. EXISTING FRAME TO REMAIN, REPAINT AND PREP FOR NEW DOOR.

(20) REMOVE EXISTING FURRDOWN ABOVE MILLWORK TO ACCOMMODATE NEW WORK.

(21) PREP EXISTING WINDOW SILL TO ACCOMMODATE NEW SOLID SURFACE. PATCH AND REPAIR WINDOW SILL WHERE WALL IS REMOVED.

(22) REPLACE EXISTING WAINSCOT AND TRIM CAP AS NEEDED. PREP WALL FOR NEW WAINSCOT AND TRIM CAP AS SCHEDULED. REFER TO ID SHEET FOR MORE INFORMATION.

DEMOLITION PLAN LEGEND

- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING WALL TO REMAIN
- FEC — EXISTING FIRE EXTINGUISHER TO REMAIN
- EXTENT OF FLOORING WORK

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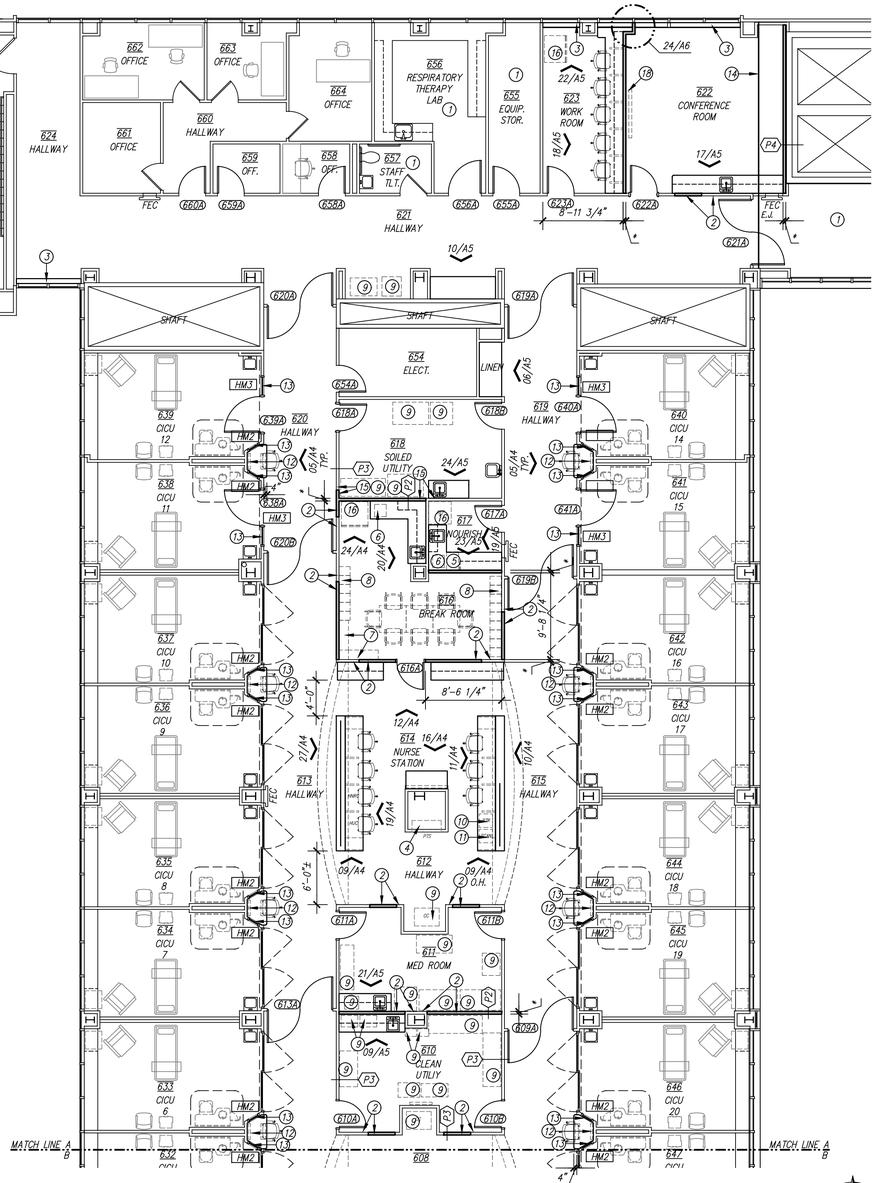
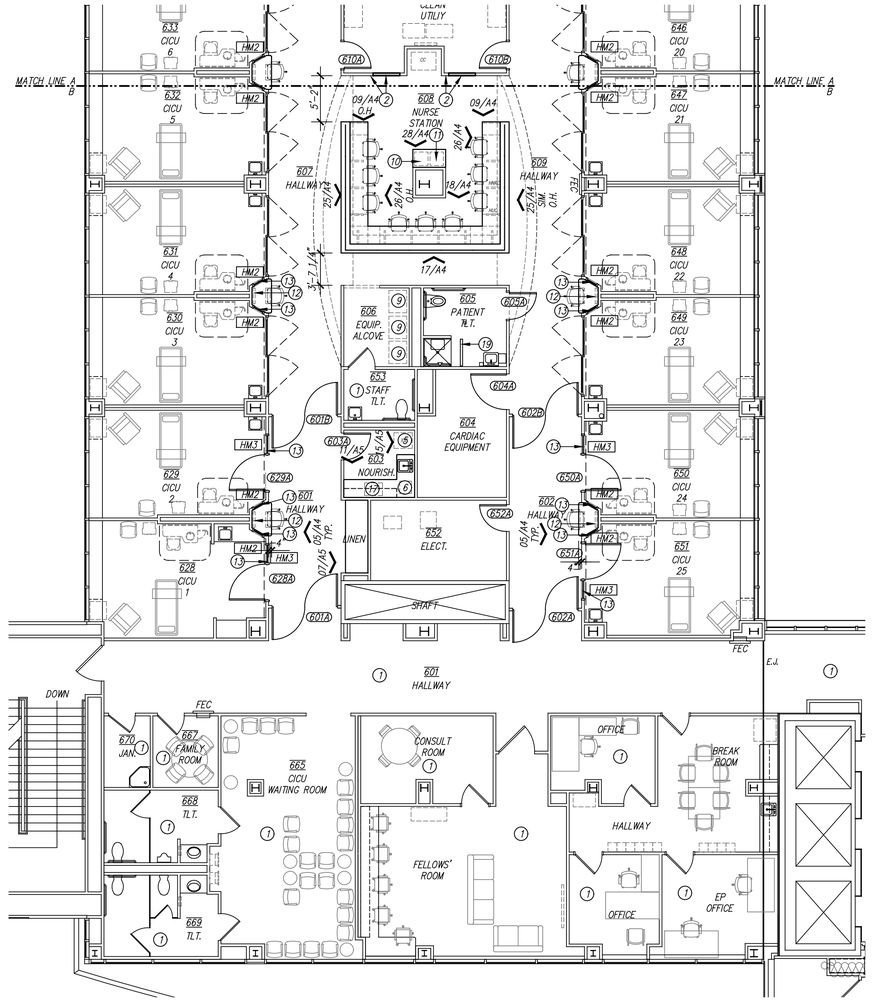


28/A2 SIXTH FLOOR - ANNOTATED & DIMENSION PLAN - NORTH

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

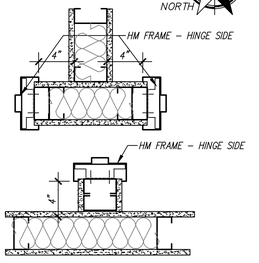
NORTH



15/A2 SIXTH FLOOR - ANNOTATED & DIMENSION PLAN - SOUTH

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

NORTH



*TYPICAL UNLESS DIMENSIONED OR INDICATED OTHERWISE ON THE PLANS

08/A2 TYPICAL FRAME BACKSET

SCALE: 1 1/2" = 1'-0"

GENERAL NOTES

1). ON ALL WALLS SCHEDULED TO REMAIN. PATCH ANY EXISTING HOLES, CRACKS, OR OTHERWISE DAMAGED AREAS AND RE-TEXTURE AND PAINT AS SCHEDULED.

2). THE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. SHOULD THERE BE A DISCREPANCY BETWEEN THE ARCHITECTURAL DRAWINGS AND THE CONSULTANT DRAWINGS, SUCH DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE CONTRACTOR SHALL RECEIVE INSTRUCTION PRIOR TO INSTALLATION OR PERFORMANCE OF SAID WORK. ANY WORK PERFORMED IN CONFLICT WITH THE DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE.

3). REFER TO PROJECT MANUAL FOR ROOM FINISH SCHEDULE.

4). ALL NEW WALLS TO RECEIVE FULL BATT INSULATION FROM FLOOR TO THE FULL HEIGHT OF THE WALL, INCLUDING ABOVE CEILING.

5). ALL WALLS ARE TO BE PARTITION TYPE 'P1' UNLESS NOTED OTHERWISE.

6). AT ALL NEW FLOOR DRAIN LOCATIONS, THE SLAB IS TO BE RECESSED AND SLOPED FOR POSITIVE DRAINAGE. UNLESS NOTED OTHERWISE, SLOPE IS TO BE 1/8":1'-0" WITH A 1/2" OVERALL RECESS. EXISTING SLABS ARE TO BE CHIPPED OUT TO ACCOMMODATE.

7). CONTRACTOR SHALL COORDINATE ALL WORK WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS.

8). ALL GYPSUM BOARD IN TOILET ROOMS IS TO BE MOISTURE RESISTANT AS SPECIFIED.

9). ANY CORING THAT IS NECESSARY FOR THE INSTALLATION OF PLUMBING LINES, CONDUITS, ETC. IS TO BE SCHEDULED WITH THE OWNER IN ADVANCE.

10). INSTALL NEW BASE AT NEW WALL CONSTRUCTION. PROVIDE SMOOTH TRANSITION BY RETURNING BASE TO CORNER.

11). FURNITURE SHOWN IS FOR REFERENCE ONLY.

12). ALL DIMENSIONS ARE ACTUAL DIMENSIONS TO FACE OF METAL STUDS, UNLESS NOTED OTHERWISE.

13). FIELD VERIFY ALL DIMENSIONS NEW OR EXISTING PRIOR TO CONSTRUCTION AND ADJUST WHERE REQUIRED TO PROVIDE A PROPER AND COMPLETE INSTALLATION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.

14). * = 3 5/8" MTL. STUDS @ 16" O.C.

KEYED NOTES

DESIGNATED BY: (#)

1. NO WORK IN THIS AREA.
2. ALIGN FINISHES.
3. NEW SOLID SURFACE WINDOW SILL AS SCHEDULED. REFER TO FINISH SCHEDULE. REFER TO 15/A7.
4. EXISTING PNEUMATIC TUBE STATION TO REMAIN.
5. ICE MAKER. OWNER FURNISHED, CONTRACTOR INSTALLED.
6. COFFEE MAKER. OWNER FURNISHED, CONTRACTOR INSTALLED.
7. MAIL DISTRIBUTION STORAGE. OWNER FURNISHED, CONTRACTOR INSTALLED. (87 STAFF)
   PRODUCT: SAFCO MAILFLOW 57 POCKET MAIL SORTER
   SIZE 36"Wx12"Dx64 1/2"H
8. NEW 6-TIER METAL LOCKERS AS SPECIFIED.
9. HOSPITAL EQUIPMENT. OWNER FURNISHED, OWNER INSTALLED.
10. PRINTER. OWNER FURNISHED, OWNER INSTALLED.
11. SCANNER/COPIER. OWNER FURNISHED, OWNER INSTALLED.
12. INSTALL BLOCKING FOR WALL MOUNTED COMPUTER AND MONITOR.
13. NEW WINDOW WITH INTEGRAL BLINDS.
14. EXPANSION JOINT COVER.
    PRODUCT: INPRO 101 SERIES-RECESSED MOUNT, FLAT SEAL.
15. ALIGN FINISHES AND MAINTAIN CONTINUITY AND INTEGRITY OF 1-HOUR FIRE RATED WALL.
16. REFRIGERATOR, OWNER FURNISHED, CONTRACTOR INSTALLED.
17. COUNTERTOP MICROWAVE. OWNER FURNISHED, CONTRACTOR INSTALLED.
18. SMART BOARD, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING. COORDINATE EXACT LOCATION WITH OWNER.
19. NEW TRENCH DRAIN. REFER TO PLUMBING FOR MORE INFORMATION.

FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN
- NEW STUD WALL
- EXISTING DOOR TO REMAIN - IN AREA OF WORK, REPAINT FRAME TO MATCH NEW FRAMES.
- 101A NEW DOOR - REFER TO DOOR SCHEDULE
- FEC EXISTING FIRE EXTINGUISHER TO REMAIN

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UNIVERSITY MEDICAL CENTER
6TH FLOOR CV/CICU RENOVATION
PROPOSAL ITEM #1

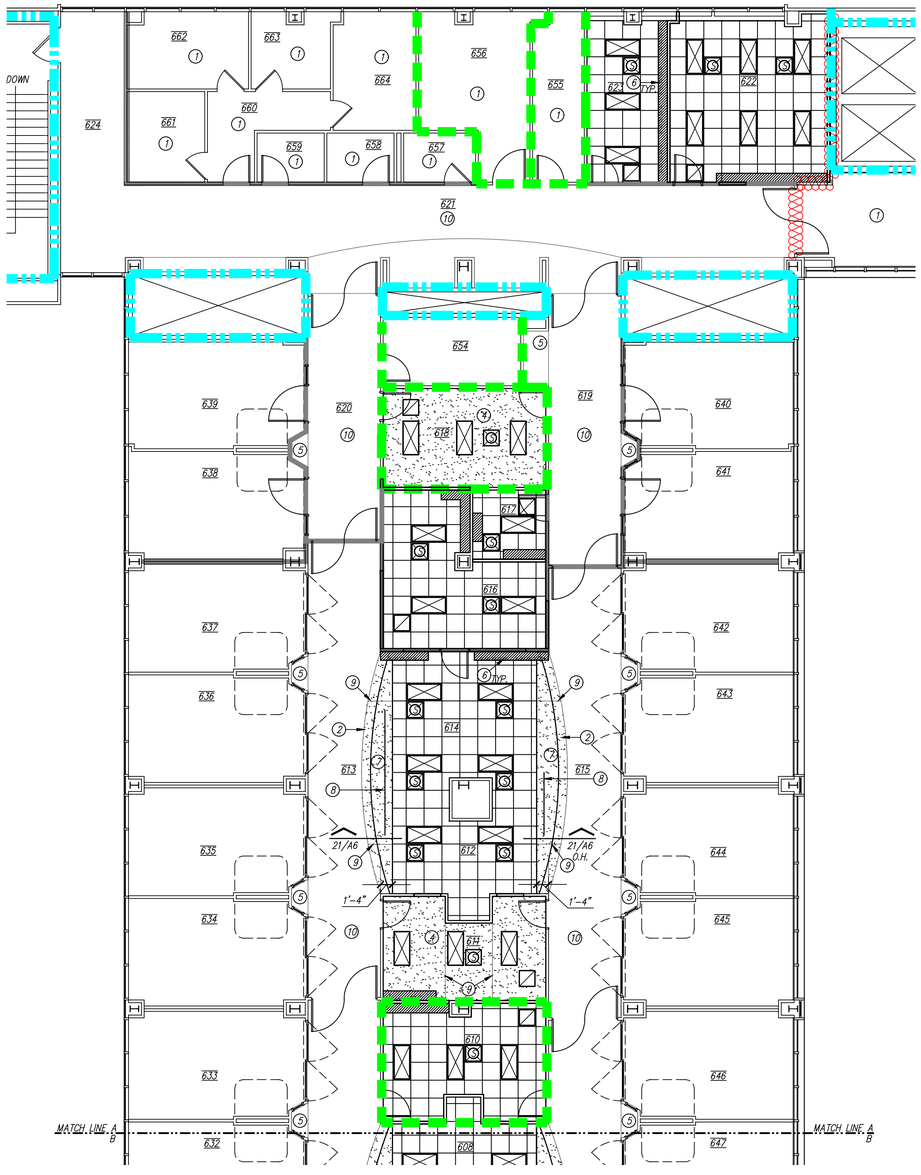
602 INDIANA AVENUE
LUBBOCK, TX 79415

REVISIONS:

PROJECT NO. 22307
DATE: 05/01/2025

SHEET NO.
A2

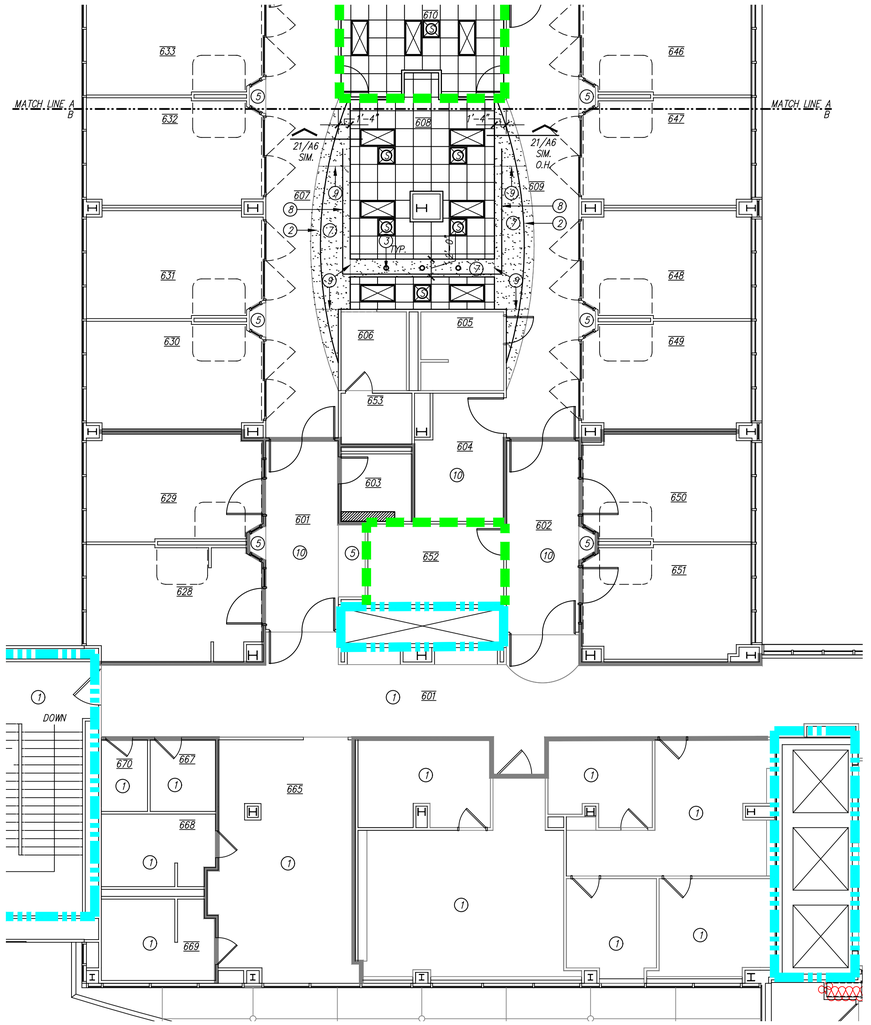
2 OF 9



28/A3 SIXTH FLOOR - REFLECTED CEILING PLAN - NORTH

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

NORTH



15/A3 SIXTH FLOOR - REFLECTED CEILING PLAN - SOUTH

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

NORTH

GENERAL NOTES

1). REPAIR GRID AND REPLACE CEILING TILES WHERE WALLS, FIXTURES, OR DEVICES ARE REMOVED. REPLACE ALL DAMAGED CEILING TILES IN THE AREA OF WORK. GRID SECTIONS ARE TO BE REPLACED BACK TO NEAREST 4' SECTION AT A MINIMUM. NO SPLICES.

2). WHERE APPLICABLE, REWORK FIRE SPRINKLERS IN ACCORDANCE WITH NFPA 13 AS REQUIRED TO ACCOMMODATE NEW WORK.

3). COORDINATE LOCATION OF LIGHT FIXTURES AND HVAC GRILLES WITH CEILING GRID. NOTIFY ARCHITECT OF ANY DISCREPANCIES. IF LAYOUT OR QUANTITIES DIFFER FROM MPE SHEETS AND DISCREPANCIES ARE NOT ADDRESSED PRIOR TO BID, CONTRACTOR SHALL PROVIDE FIXTURES TO COVER THE LARGER QUANTITIES INDICATED.

4). EXCEPT FOR CEILING TILES HOUSING DEVICES, DO NOT INSTALL ANY CEILING TILES IN GRID UNTIL AFTER PRE-FINAL INSPECTION HAS BEEN PERFORMED AND DEFICIENCIES CERTIFIED AS CORRECTED.

5). INSTALL 3 1/2" SOUND BATT INSULATION CONTINUOUSLY ABOVE ALL CEILINGS IN AREA OF WORK, INCLUDING EXISTING CEILINGS WHERE SIMILAR SOUND BATTS DO NOT EXIST.

6). REMOVE AND REPLACE ANY EXISTING CEILING TILE AND GRID IN AREAS TO REMAIN AS EXISTING WHERE NECESSARY TO ACCOMMODATE ABOVE CEILING WORK.

7). CLEAN ALL HVAC GRILLS AND LIGHT FIXTURE LENSES IN AREA OF WORK, NEW AND EXISTING.

8). ALL CEILINGS TO BE INSTALLED AT 9'-0" A.F.F UNLESS NOTED OTHERWISE.

9). REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL CEILING-MOUNTED ITEMS.

10). ALL CEILING MOUNTED DEVICES AND FIXTURES INDICATED ON THIS PLAN ARE SHOWN FOR LOCATION AND COORDINATION ONLY. REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR MORE INFORMATION IF QUANTITIES ARE INCONSISTENT THE GREATER QUANTITY SHALL CONTROL. CONTACT ARCHITECT FOR CLARIFICATION ON LOCATIONS.

KEYED NOTES

DESIGNATED BY: (#)

1. NO WORK IN THIS AREA.
2. EXISTING CURVED FURRDOWN TO REMAIN.
3. RECESSED MOUNTED LIGHT FIXTURE. REFER TO ELECTRICAL FOR MORE INFORMATION.
4. NEW PAINTED GYPSUM BOARD CEILING. INSTALL AT EXISTING HEIGHT.
5. EXISTING GYPSUM BOARD FURRDOWN TO REMAIN. PATCH AND REPAIR DAMAGE AS NECESSARY. REFER TO FINISH SCHEDULE.
6. UNDERCABINET LIGHT FIXTURE. REFER TO ELECTRICAL SHEETS FOR MORE INFORMATION.
7. NEW PAINTED GYPSUM BOARD FURRDOWN AT 8'-6" A.F.F. TERMINATE PERIMETER OF FURRDOWN FRAME INTO INSIDE FACE OF EXISTING CURVED FURRDOWN. FIELD VERIFY RADIUS.
8. GLASS PANELS. REFER TO MILLWORK ELEVATIONS FOR MORE INFORMATION.
9. GYPSUM BOARD CONTROL JOINT.
10. EXISTING LAY IN CEILING TILE AND GRID TO REMAIN.

CEILING PLAN LEGEND

- 2x4 LIGHT FIXTURE – REFER TO ELECTRICAL SHEETS
- SUPPLY GRILLE – REFER TO MECHANICAL SHEETS
- RETURN AIR GRILLE – REFER TO MECHANICAL SHEETS
- NEW GYPSUM BOARD ABOVE MILLWORK. REFER TO DETAIL 28/A6.
- 2 HOUR RATED FIREWALL ASSEMBLY FRAMED TO THE STRUCTURE ABOVE. SEAL ALL PENETRATIONS AND JOINTS WITH A UL LISTED SYSTEM.
- 1 HOUR RATED FIREWALL ASSEMBLY FRAMED TO THE STRUCTURE ABOVE. SEAL ALL PENETRATIONS AND JOINTS WITH A UL LISTED SYSTEM.
- SMOKE BARRIER
  1 HOUR FIRE RATED-ASSEMBLY FRAME NEW WALLS TO DECK AND SEAL TOP AND BOTTOM JOINTS WITH UL RATED JOINT SYSTEM. AT EXISTING WALL, EXTEND TO DECK ABOVE AS NECESSARY AND SEAL JOINTS. ALL PENETRATIONS, NEW OR EXISTING ARE TO BE SEALED WITH UL RATED SYSTEMS.
- NON-RATED SMOKE PARTITION
  WALL PARTITION THAT IS NOT FIRE RATED AND DOES NOT EXTEND TO STRUCTURAL DECK ABOVE. WALL MAY TERMINATE 6" ABOVE CEILING. MUST PREVENT PASSAGE OF SMOKE.

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REGISTERED ARCHITECT
STANLEY MINCEY SMITH
17857
STATE OF TEXAS
05/01/2025

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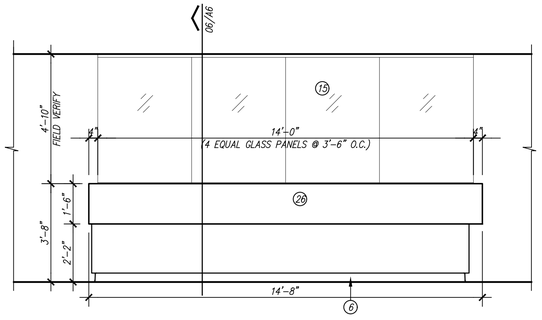
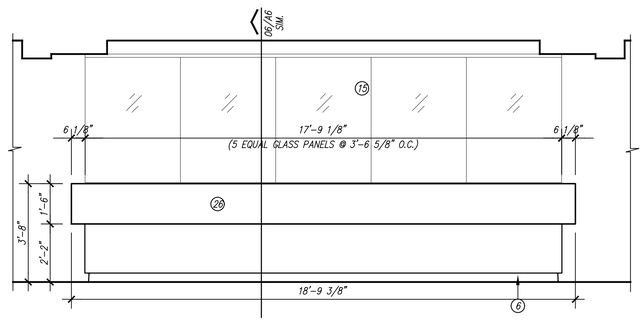
SHEET NO.
A3

3 OF 9



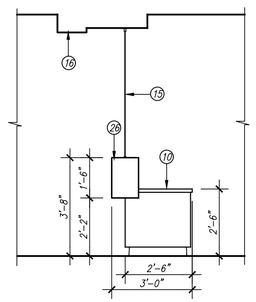
25/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 608



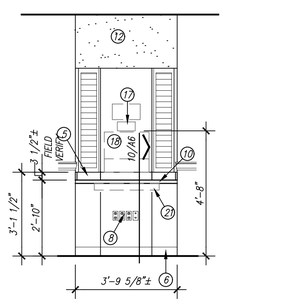
17/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 608



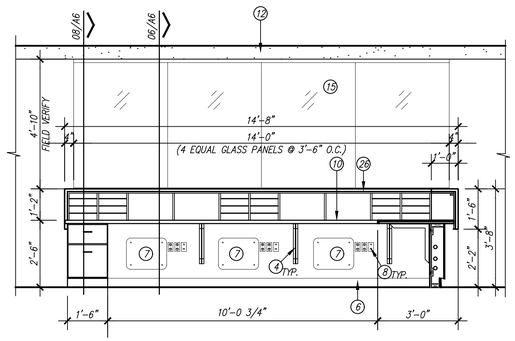
09/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATIONS 608 & 614



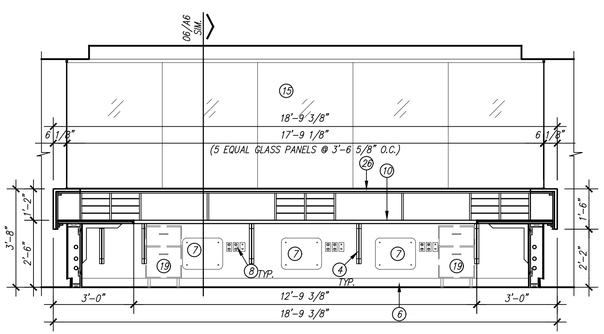
05/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" TYP. @ WEST & EAST HALLWAY



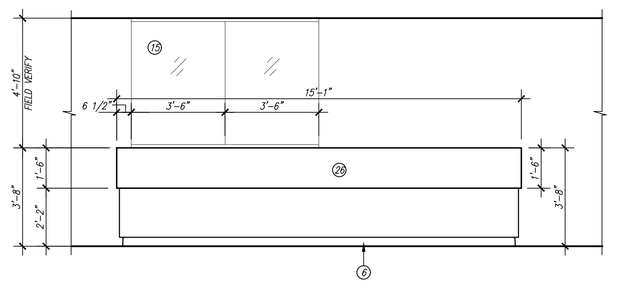
26/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 608



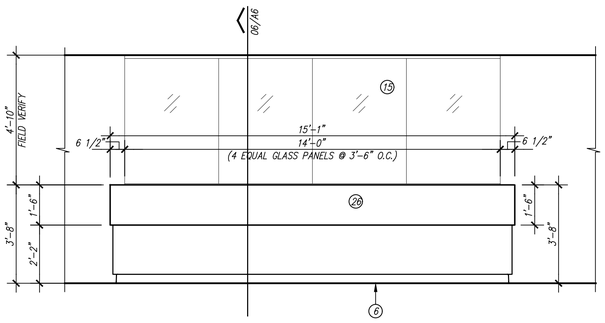
18/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 608



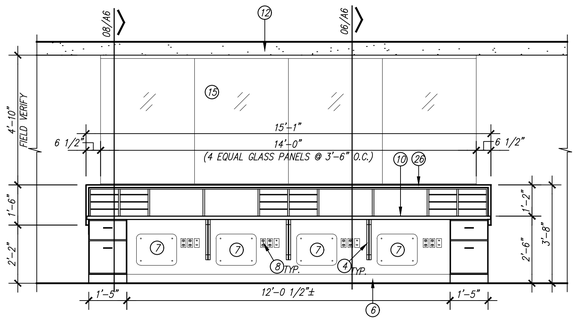
10/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 614



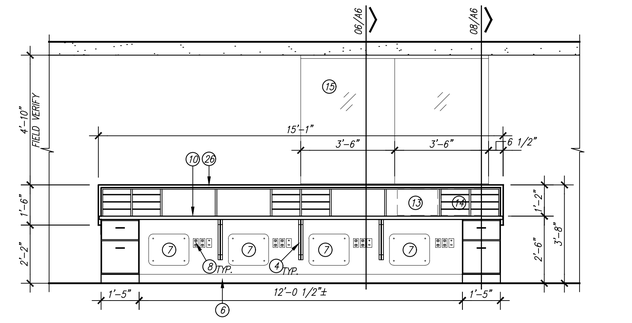
27/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 614



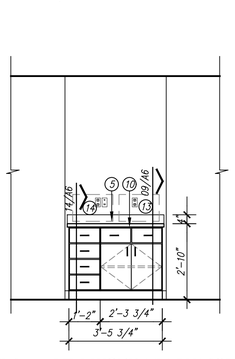
19/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 614



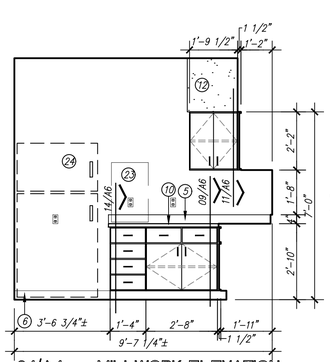
11/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 614



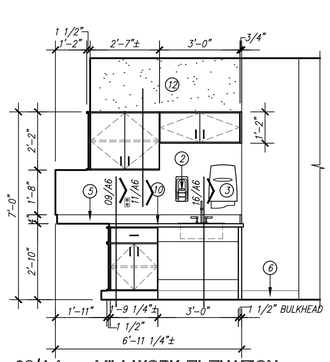
28/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 608



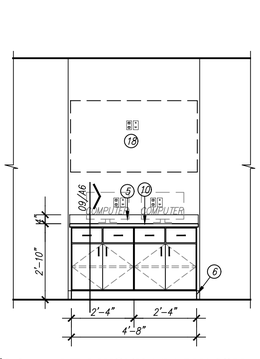
24/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" BREAK ROOM 616



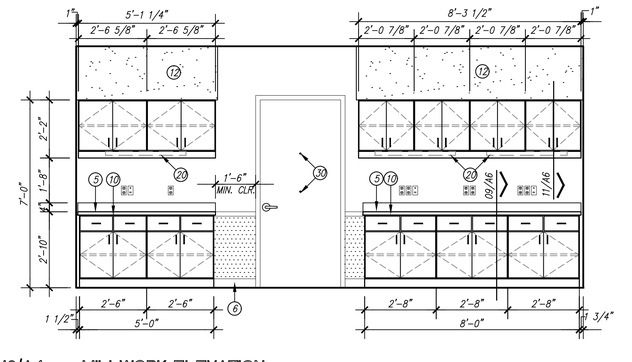
20/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" BREAK ROOM 616



16/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 614



12/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NURSE STATION 614

GENERAL NOTES

1). ALL PLAN DIMENSIONS ARE ACTUAL DIMENSIONS TO FACE OF METAL STUDS, UNLESS NOTED OTHERWISE. ALL ELEVATION DIMENSIONS ARE DIMENSIONS FROM FINISH, NOT FROM STUDS.

2). UPPER CABINETS ARE TO BE 13" DEEP INSIDE UNLESS OTHERWISE NOTED. REFER TO MILLWORK SECTIONS.

3). GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO FABRICATION OF MILLWORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.

4). REFERENCE FINISH SCHEDULE FOR MATERIAL SELECTIONS.

5). FINISH ALL EXPOSED BULKHEADS AND/OR CABINET RETURNS.

6). ALL SOLID SURFACE EDGES TO BE EASED.

7). GENERAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL AND MECHANICAL ITEMS AND EQUIPMENT THAT IS INCORPORATED IN THE MILLWORK. NO OUTLETS, DEVICES, SWITCHES, OR OTHER EXPOSED ELECTRICAL SHALL BE CONCEALED IN ANY WAY BY THE INSTALLED MILLWORK. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.

KEYED NOTES

DESIGNATED BY: (#)

(1) FILLER PANEL.
(2) SOAP DISPENSER. OWNER FURNISHED, OWNER INSTALLED.
(3) PAPER TOWEL DISPENSER. OWNER FURNISHED, OWNER INSTALLED.
(4) UNDERCOUNTER RAKKS SUPPORT BRACKET AS SPECIFIED.
(5) BACKSPLASH AS SCHEDULED.
(6) BASE AS SCHEDULED.
(7) ACCESS PANEL.
(8) RECEPTACLE/DATA PORT MOUNTED 18" ABOVE FINISH FLOOR. REFER TO ELECTRICAL.
(9) SOLID SURFACE WINDOW SILL WITH 2" SKIRT.
(10) SOLID SURFACE MATERIAL AS SCHEDULED.
(12) GYPSUM BOARD FURRDOWN.
(13) PRINTER. OWNER FURNISHED, OWNER INSTALLED.
(14) SCANNER/COPIER. OWNER FURNISHED, OWNER INSTALLED.
(15) GLASS PANEL. REFER TO MILLWORK SECTIONS.
(16) EXISTING CURVED FURRDOWN.
(17) RELOCATED HILL-ROM NURSE CALL DEVICE.
(18) WALL MOUNTED COMPUTER & MONITOR. PROVIDE BLOCKING.
(19) EQUIPMENT. OWNER FURNISHED, OWNER INSTALLED.
(20) UNDERCABINET LIGHT FIXTURE. REFER TO ELECTRICAL SHEETS FOR MORE INFORMATION.
(21) KEYBOARD TRAY. CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. REFER TO MILLWORK SECTION.
(23) ICE MAKER. OWNER FURNISHED, CONTRACTOR INSTALLED. PROVIDE GROMMET ON COUNTERTOP BEHIND ICE MAKER FOR HOSE DRAIN AND WATER TUBE WHERE APPLICABLE.
(23) COFFEE MAKER. OWNER FURNISHED, CONTRACTOR INSTALLED
(24) REFRIGERATOR. OWNER FURNISHED, CONTRACTOR INSTALLED.
(25) LOCK AS SPECIFIED.
(26) QUARTZ MATERIAL AS SCHEDULED.
(27) MICROWAVE. OWNER FURNISHED, CONTRACTOR INSTALLED.
(28) EXPANSION JOINT COVER.
PRODUCT: INPRO 101 SERIES-RECESSED MOUNT, FLAT SEAL.
(29) ICE MACHINE OUTLET BOX. REFER TO PLUMBING FOR MORE INFORMATION.
(30) DOOR VIEWER.
(31) WALL PROTECTION AS SCHEDULED.

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REGISTERED ARCHITECT
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05/01/2025

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SHEET NO.
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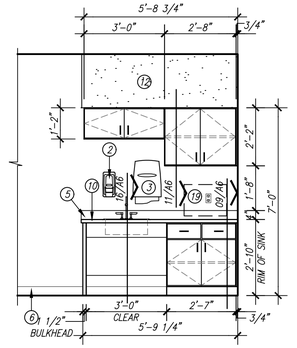
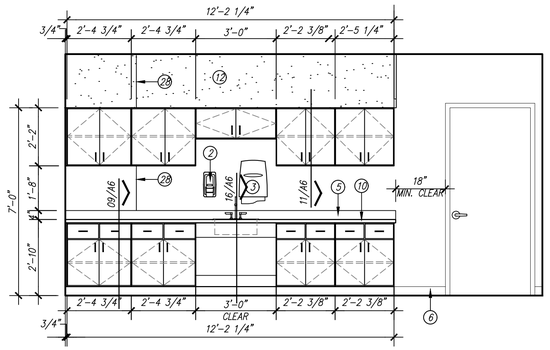


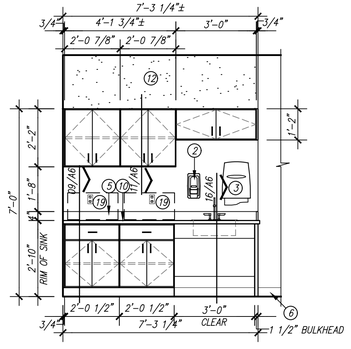
21/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" MED ROOM 611



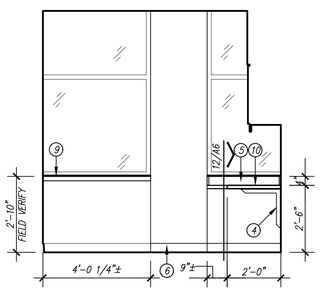
17/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" CONFERENCE ROOM 622



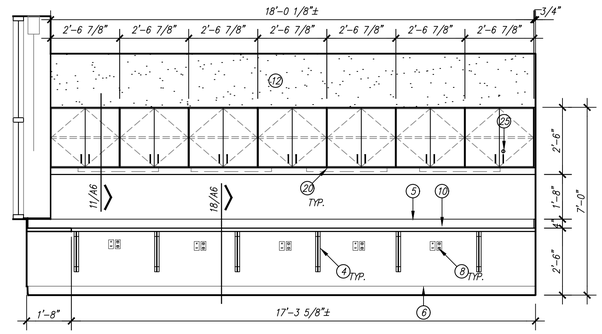
09/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" CLEAN UTILITY 610



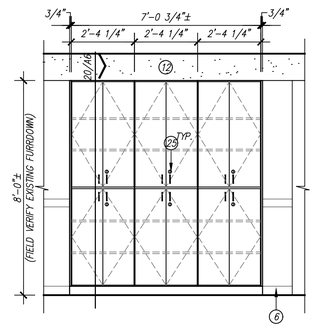
22/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" WORK ROOM 623



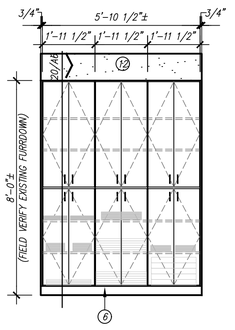
18/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" WORK ROOM 623



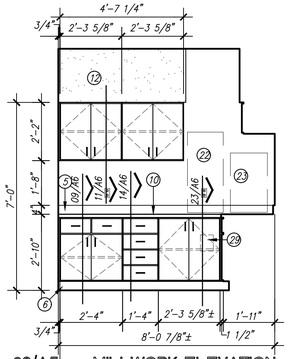
10/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" HALLWAY 621



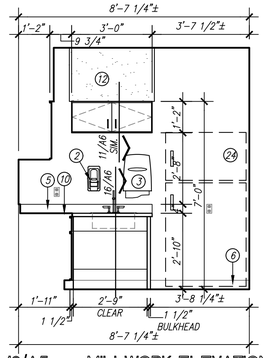
06/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" HALLWAY 619



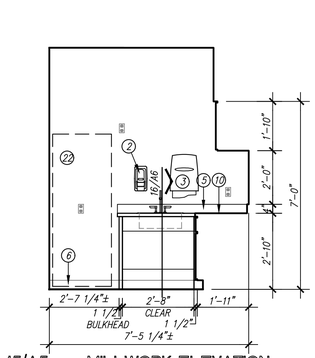
23/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NOURISH. 617



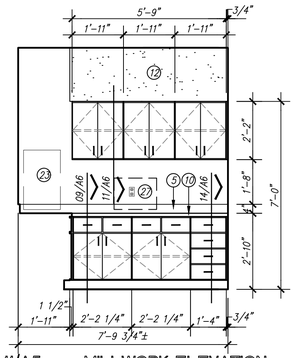
19/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NOURISH. 617



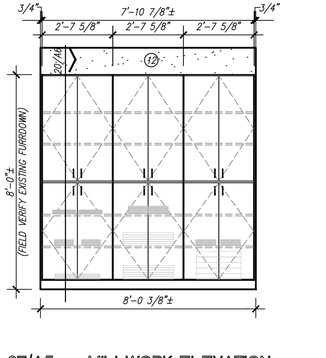
15/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NOURISH. 603



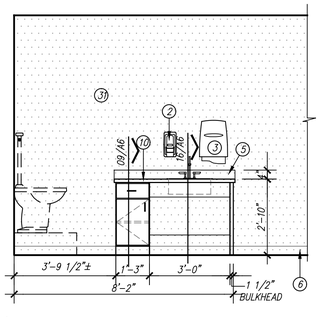
11/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" NOURISH. 603



07/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" HALLWAY 601



24/A5 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0" SOILED UTILITY 618

GENERAL NOTES

1). ALL PLAN DIMENSIONS ARE ACTUAL DIMENSIONS TO FACE OF METAL STUDS, UNLESS NOTED OTHERWISE. ALL ELEVATION DIMENSIONS ARE DIMENSIONS FROM FINISH, NOT FROM STUDS.

2). UPPER CABINETS ARE TO BE 13" DEEP INSIDE UNLESS OTHERWISE NOTED. REFER TO MILLWORK SECTIONS.

3). GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO FABRICATION OF MILLWORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.

4). REFERENCE FINISH SCHEDULE FOR MATERIAL SELECTIONS.

5). FINISH ALL EXPOSED BULKHEADS AND/OR CABINET RETURNS.

6). ALL SOLID SURFACE EDGES TO BE EASED.

7). GENERAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL AND MECHANICAL ITEMS AND EQUIPMENT THAT IS INCORPORATED IN THE MILLWORK. NO OUTLETS, DEVICES, SWITCHES, OR OTHER EXPOSED ELECTRICAL SHALL BE CONCEALED IN ANY WAY BY THE INSTALLED MILLWORK. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.

KEYED NOTES

DESIGNATED BY: —(#)

1. FILLER PANEL.
2. SOAP DISPENSER. OWNER FURNISHED, OWNER INSTALLED.
3. PAPER TOWEL DISPENSER. OWNER FURNISHED, OWNER INSTALLED.
4. UNDERCOUNTER RAKKS SUPPORT BRACKET AS SPECIFIED.
5. BACKSPLASH AS SCHEDULED.
6. BASE AS SCHEDULED.
7. ACCESS PANEL.
8. RECEPTACLE/DATA PORT MOUNTED 18" ABOVE FINISH FLOOR. REFER TO ELECTRICAL.
9. SOLID SURFACE WINDOW SILL WITH 2" SKIRT.
10. SOLID SURFACE MATERIAL AS SCHEDULED.
12. GYPSUM BOARD FURRDOWN.
13. PRINTER. OWNER FURNISHED, OWNER INSTALLED.
14. SCANNER/COPIER. OWNER FURNISHED, OWNER INSTALLED.
15. GLASS PANEL. REFER TO MILLWORK SECTIONS.
16. EXISTING CURVED FURRDOWN.
17. RELOCATED HILL-ROM NURSE CALL DEVICE.
18. WALL MOUNTED COMPUTER & MONITOR. PROVIDE BLOCKING.
19. EQUIPMENT. OWNER FURNISHED, OWNER INSTALLED.
20. UNDERCABINET LIGHT FIXTURE. REFER TO ELECTRICAL SHEETS FOR MORE INFORMATION.
21. KEYBOARD TRAY. CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. REFER TO MILLWORK SECTION.
22. ICE MAKER. OWNER FURNISHED, CONTRACTOR INSTALLED. PROVIDE GROMMET ON COUNTERTOP BEHIND ICE MAKER FOR HOSE DRAIN AND WATER TUBE WHERE APPLICABLE.
23. COFFEE MAKER. OWNER FURNISHED, CONTRACTOR INSTALLED
24. REFRIGERATOR. OWNER FURNISHED, CONTRACTOR INSTALLED.
25. LOCK AS SPECIFIED.
26. QUARTZ MATERIAL AS SCHEDULED.
27. MICROWAVE. OWNER FURNISHED, CONTRACTOR INSTALLED.
28. EXPANSION JOINT COVER. PRODUCT: INPRO 101 SERIES–RECESSED MOUNT, FLAT SEAL.
29. ICE MACHINE OUTLET BOX. REFER TO PLUMBING FOR MORE INFORMATION.
30. DOOR VIEWER.
31. WALL PROTECTION AS SCHEDULED.

CONDRAY DESIGN GROUP
ARCHITECTURE & INTERIOR DESIGN
3708 UPLAND AVE.
LUBBOCK, TX 79407
806.748.6190
condray.com

REGISTERED ARCHITECT
STACEE MINCEY WITTY
17857
STATE OF TEXAS
05/01/2025

FINCHER ENGINEERING, LLC
FINCHER ENGINEERING, LLC
TX FIRM #F-16408
5621 114TH ST., SUITE 100
LUBBOCK, TX 79424
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UNIVERSITY MEDICAL CENTER
6TH FLOOR CV/CICU RENOVATION
PROPOSAL ITEM #1

602 INDIANA AVENUE
LUBBOCK, TX 79415

REVISIONS:

PROJECT NO. 22307
DATE: 05/01/2025

SHEET NO.
A5

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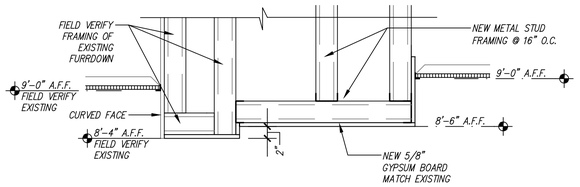

21/A6 SECTION
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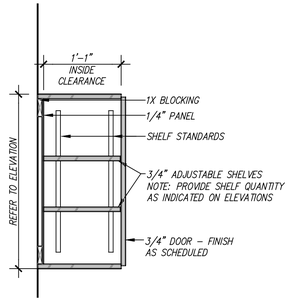

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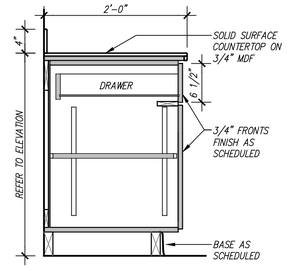

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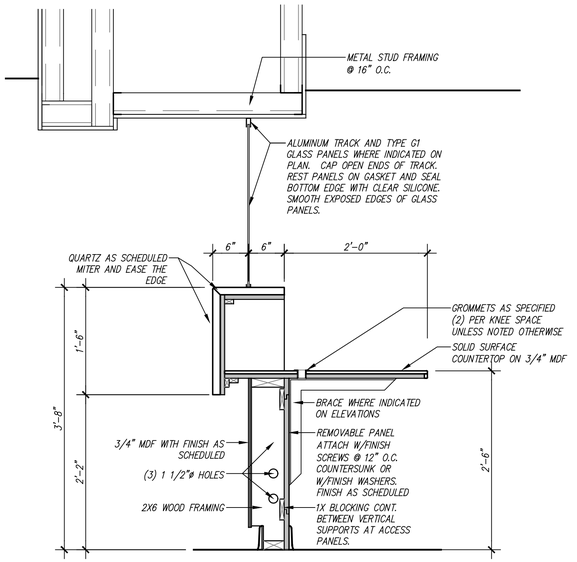

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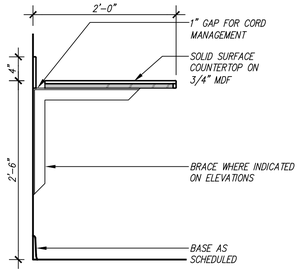

18/A6 MILLWORK SECTION
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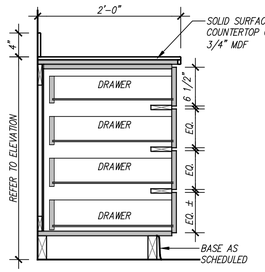

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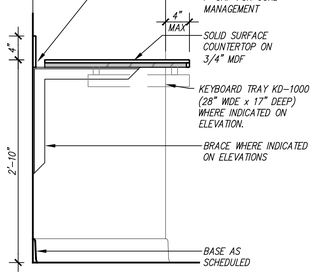

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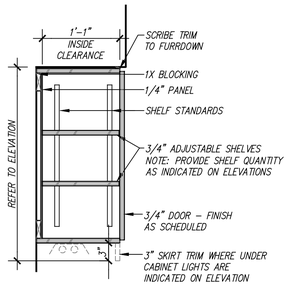

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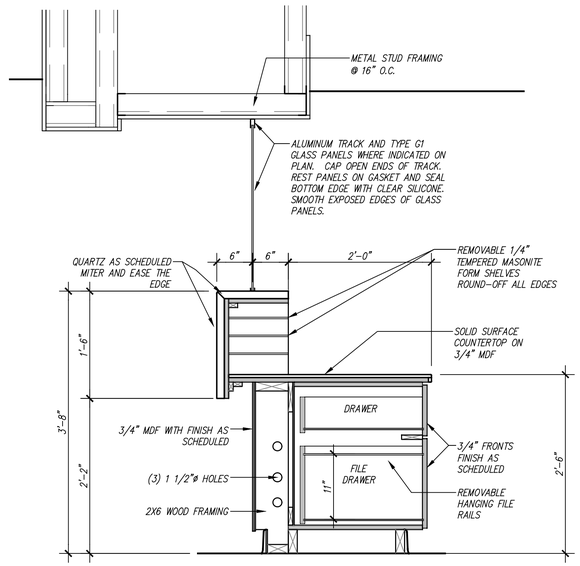
SCALE: 1" = 1'-0"



08/A6 MILLWORK SECTION
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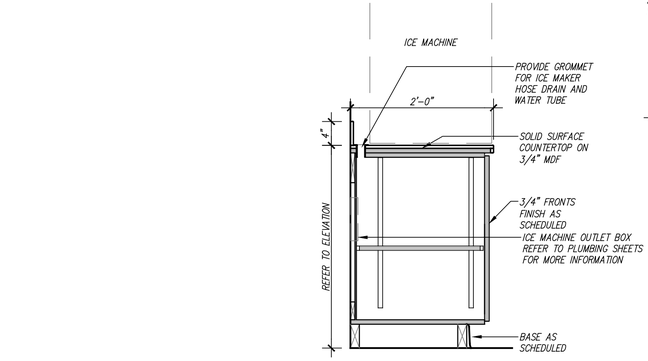

23/A6 MILLWORK SECTION
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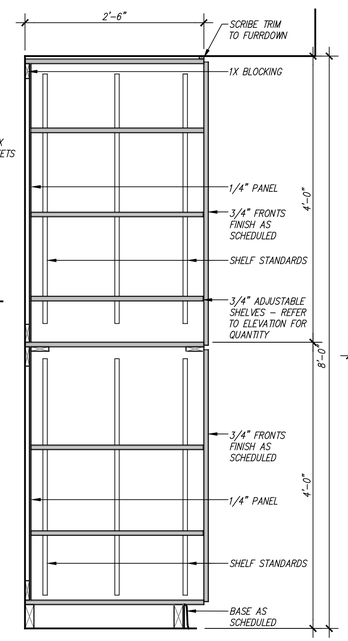

20/A6 MILLWORK SECTION
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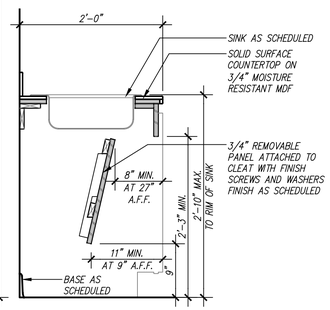

16/A6 MILLWORK SECTION
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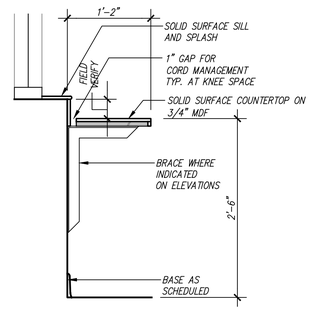
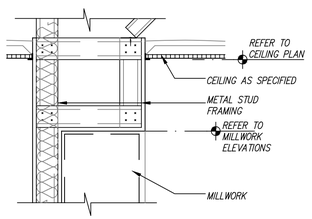
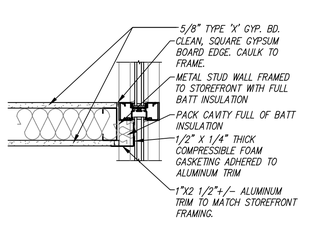


12/A6 MILLWORK SECTION
SCALE: 1" = 1'-0"

08/A6 MILLWORK SECTION
SCALE: 1" = 1'-0"



28/A6 DETAIL
SCALE: 6" = 1'-0"



24/A6 DETAIL
SCALE: 1 1/2" = 1'-0"

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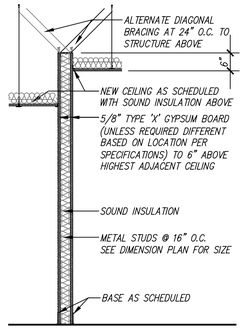
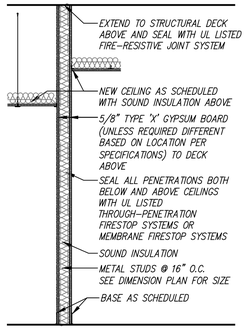
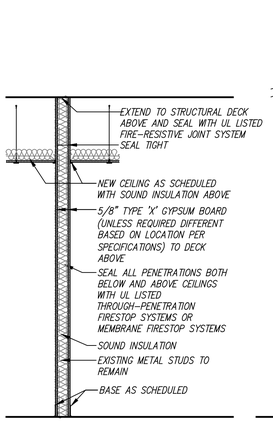
PARTITION SCHEDULE



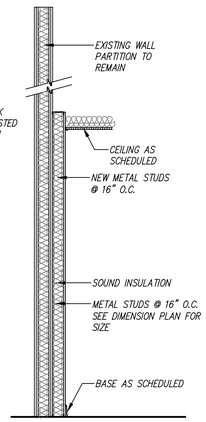
(P1) TYPICAL NON-LOAD BEARING PARTITION



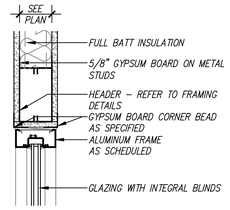
(P2) NEW ONE-HOUR FIRE-RATED TYPICAL NON-LOAD BEARING PARTITION - UL ASSEMBLY U419



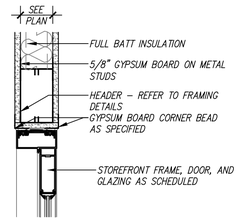
(P3) EXISTING PARTITION CONVERTED TO ONE-HOUR FIRE-RATED PARTITION SEAL PENETRATION TO MAINTAIN ONE-HOUR RATING UL ASSEMBLY U419



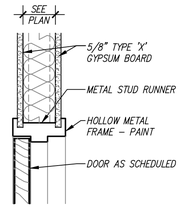
(P4) EXISTING TWO-HOUR FIRE-RATED PARTITION AND NEW NON-LOAD BEARING PARTITION



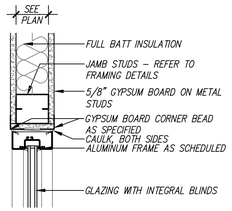
17/A7 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



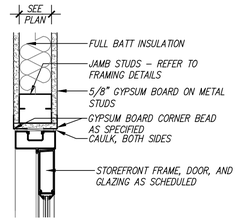
13/A7 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



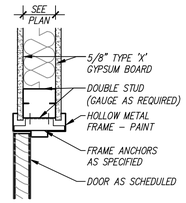
09/A7 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



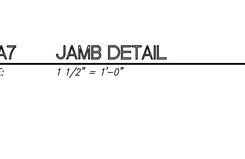
18/A7 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



14/A7 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



10/A7 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



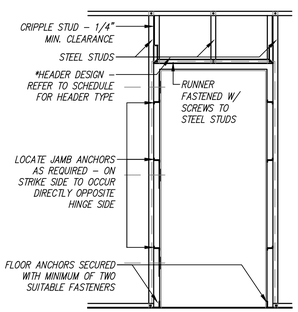
19/A7 SILL DETAIL
SCALE: 1 1/2" = 1'-0"

15/A7 SILL DETAIL
SCALE: 1 1/2" = 1'-0"

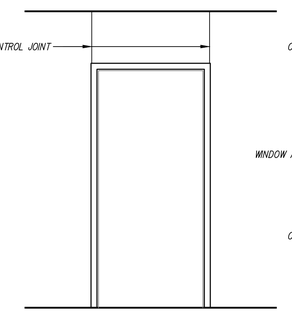
11/A7 SILL DETAIL
SCALE: 1 1/2" = 1'-0"

INTERIOR FRAMING HEADER SCHEDULE

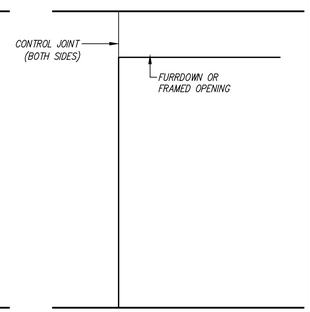
- AT OPENINGS 3'-6" WIDE OR LESS STUD RUNNER IS SUFFICIENT FOR HEADER
- AT OPENINGS > 3'-6" AND < 8'-0" USE A 6" BOX BEAM HEADER
- AT OPENINGS > 8'-0" AND < 10'-0" USE AN 8" BOX BEAM HEADER
- AT OPENINGS > 10'-0" CONSULT WITH ARCHITECT



28/A7 TYPICAL DOOR FRAMING
SCALE: NOT TO SCALE



24/A7 TYPICAL CONTROL JOINT DETAILS
SCALE: NOT TO SCALE

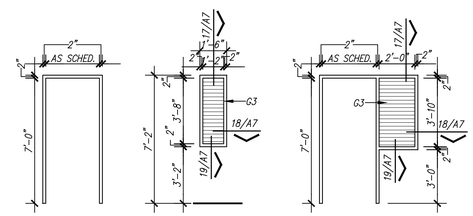


DOOR SCHEDULE

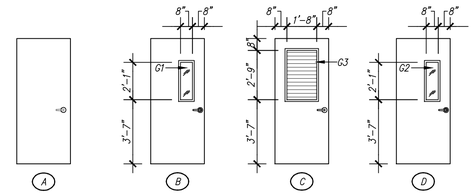
DOOR MARK	OPENING	DOOR TYPE	PAIR	DOOR MATERIAL	FIRE RATING	FRAME TYPE	DETAILS: HEAD	DETAILS: JAMB	DETAILS: SILL	REMARKS
601A	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	TAP BADGE
601B	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	-
602A	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	TAP BADGE
602B	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	-
603A	3'-0" x 7'-0"*	B	-	SCPL	-	EX	-	-	-	-
604A	4'-0" x 7'-0"*	A	-	SCPL	-	EX	-	-	-	-
605A	3'-0" x 7'-0"*	A	-	SCPL	-	EX	-	-	-	-
609A	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	-
610A	3'-0" x 7'-0"*	A	-	SCPL	45 MIN.	HM1	09/A7	10/A7	11/A7	-
610B	3'-0" x 7'-0"*	A	-	SCPL	45 MIN.	HM1	09/A7	10/A7	11/A7	-
611A	3'-0" x 7'-0"	B	-	SCPL	-	HM1	09/A7	10/A7	11/A7	TAP BADGE
611B	3'-0" x 7'-0"	B	-	SCPL	-	HM1	09/A7	10/A7	11/A7	TAP BADGE
613A	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	-
616A	3'-0" x 7'-0"	A	-	SCPL	-	HM1	09/A7	10/A7	11/A7	(2) DOOR VIEWERS
617A	3'-0" x 7'-0"*	B	-	SCPL	-	EX	-	-	-	KEYPAD
618A	3'-0" x 7'-0"	A	-	SCPL	45 MIN.	HM1	09/A7	10/A7	11/A7	-
618B	3'-0" x 7'-0"	A	-	SCPL	45 MIN.	EX	-	-	-	-
619A	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	TAP BADGE
619B	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	-
620A	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	TAP BADGE
620B	7'-4" x 7'-0"*	B	PR	SCPL	-	EX	-	-	-	-
621A	7'-4" x 7'-0"*	D	PR	SCPL	20 MIN.	EX	-	-	-	-
622A	3'-0" x 7'-0"	A	-	SCPL	-	HM1	09/A7	10/A7	11/A7	-
623A	3'-0" x 7'-0"*	A	-	SCPL	-	EX	-	-	-	-
628A	4'-0" x 7'-0"*	C	-	SCPL	-	HM3	09/A7	10/A7	-	-
629A	4'-0" x 7'-0"*	C	-	SCPL	-	HM3	09/A7	10/A7	-	-
638A	4'-0" x 7'-0"*	C	-	SCPL	-	HM3	09/A7	10/A7	-	-
639A	4'-0" x 7'-0"*	C	-	SCPL	-	HM3	09/A7	10/A7	-	-
640A	4'-0" x 7'-0"*	C	-	SCPL	-	HM3	09/A7	10/A7	-	-
641A	4'-0" x 7'-0"*	C	-	SCPL	-	HM3	09/A7	10/A7	-	-
650A	4'-0" x 7'-0"*	C	-	SCPL	-	HM3	09/A7	10/A7	-	-
651A	4'-0" x 7'-0"*	C	-	SCPL	-	HM3	09/A7	10/A7	-	-
652A	3'-0" x 7'-0"*	A	-	SCPL	45 MIN.	EX	-	-	-	-
654A	3'-0" x 7'-0"*	A	-	SCPL	45 MIN.	EX	-	-	-	-
655A	3'-0" x 7'-0"*	A	-	SCPL	45 MIN.	EX	-	-	-	-
656A	3'-6" x 7'-0"*	A	-	SCPL	45 MIN.	EX	-	-	-	-
658A	3'-0" x 7'-0"*	A	-	SCPL	-	EX	-	-	-	-
659A	3'-0" x 7'-0"*	A	-	SCPL	-	EX	-	-	-	-
660A	3'-0" x 7'-0"*	B	-	SCPL	-	EX	-	-	-	-

SCPL = SOLID CORE PLASTIC LAMINATE
HM = HOLLOW METAL
AL = ALUMINUM
EX = EXISTING
* = FIELD VERIFY EXISTING DIMENSIONS
NOTE: REFER TO DEMOLITION PLAN FOR DOOR LOCATIONS

FRAME TYPES
HM = HOLLOW METAL



DOOR TYPES



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REGISTERED ARCHITECT
STEPHEN MINCEY SMITH IV
17857
STATE OF TEXAS
05/01/2025

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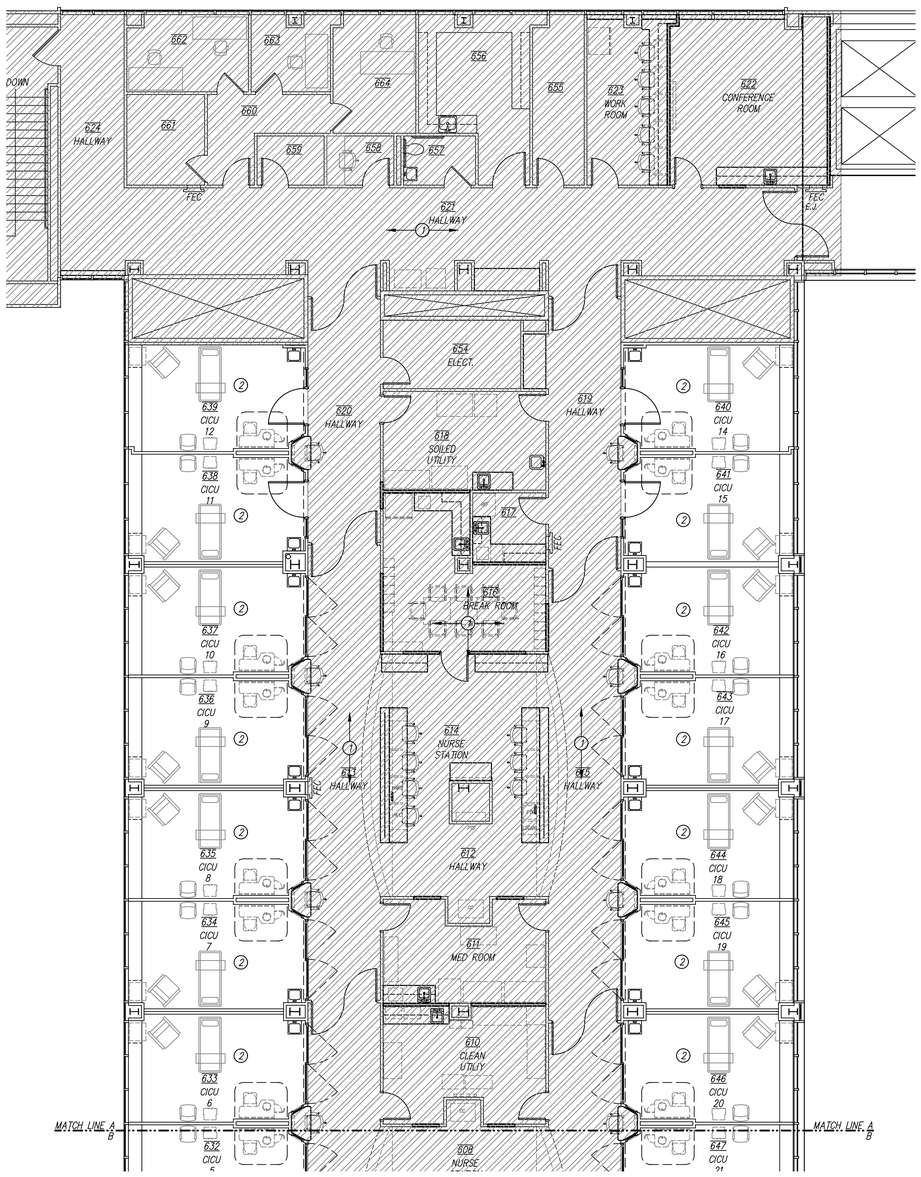
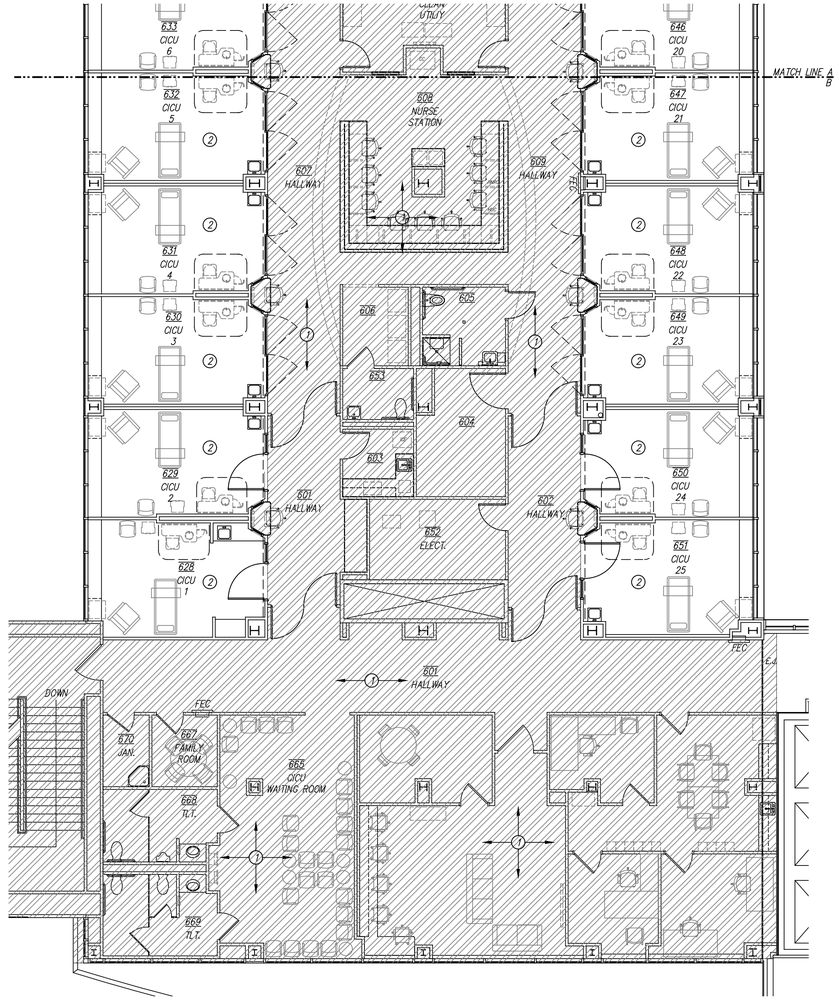


28/A8 SIXTH FLOOR - DEMOLITION PLAN - ALTERNATE #1

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

NORTH



15/A8 SIXTH FLOOR - DEMOLITION PLAN - ALTERNATE #1

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

NORTH

GENERAL NOTES

1). ON ALL WALLS SCHEDULED TO REMAIN TO BE REWORKED OR RECEIVE NEW FINISH, CONTRACTOR SHALL REMOVE ANY EXISTING EQUIPMENT, DECORATIONS, DEVICES, ETC. AND SALVAGE FOR REINSTALLATION AS DIRECTED BY OWNER. CONTRACTOR IS TO PATCH BACK ANY HOLES OR ABANDONED ANCHORS AND RETEXTURE WALLS IF NECESSARY, AND PREP FOR NEW FINISH AS SCHEDULED.

2). NOTIFY ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.

3). CONTRACTOR SHALL PATCH AND REPAIR WALLS, FLOOR, AND CEILINGS AT ALL INTERSECTIONS WHERE WALLS ARE REMOVED OR WHERE DEVICES, EQUIPMENT, ACCESSORIES, ETC. ARE REMOVED. PREP WALLS TO RECEIVE NEW FINISH. NEW CONSTRUCTION SHOULD MATCH ADJACENT FINISHES AND MATERIALS AND PROVIDE SMOOTH AND COMPLETE TRANSITION.

4). ALL ITEMS INDICATED TO BE SALVAGED ARE TO BE VERIFIED WITH THE OWNER. IF OWNER DECLINES SALVAGE, CONTRACTOR SHALL REMOVE ITEMS FROM THE SITE AND DISPOSE OF THEM PROPERLY.

5). ALL EXISTING FLOORING TO BE REMOVED AS REQUIRED TO ACCOMMODATE NEW WORK. REFER TO FINISH SCHEDULE.

KEYED NOTES

DESIGNATED BY: ←(#)

(1) NO WORK IN THIS AREA.

(2) REMOVE EXISTING FLOORING AND WALL BASE IN THEIR ENTIRETY. PREP FLOOR FOR NEW FINISH. REFER TO ID SHEETS.

DEMOLITION PLAN LEGEND

- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING WALL TO REMAIN
- FLOORING EXTENT
- NOT IN SCOPE OF WORK

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PROJECT NO. 22307
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SHEET NO.
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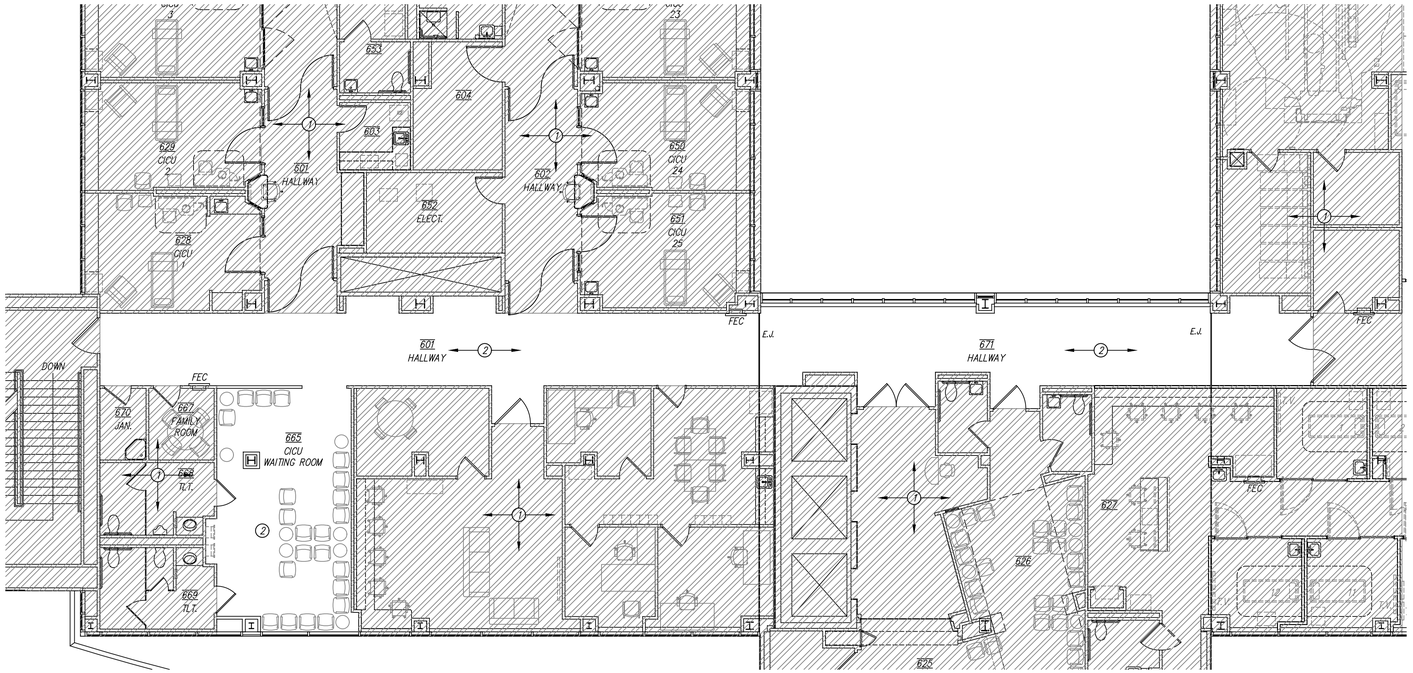

23/A9 SIXTH FLOOR - DEMOLITION PLAN - ALTERNATE #2

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

NORTH

GENERAL NOTES

1). ON ALL WALLS SCHEDULED TO REMAIN TO BE REWORKED OR RECEIVE NEW FINISH, CONTRACTOR SHALL REMOVE ANY EXISTING EQUIPMENT, DECORATIONS, DEVICES, ETC. AND SALVAGE FOR REINSTALLATION AS DIRECTED BY OWNER. CONTRACTOR IS TO PATCH BACK ANY HOLES OR ABANDONED ANCHORS AND RETEXTURE WALLS IF NECESSARY, AND PREP FOR NEW FINISH AS SCHEDULED.

2). NOTIFY ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.

3). CONTRACTOR SHALL PATCH AND REPAIR WALLS, FLOOR, AND CEILINGS AT ALL INTERSECTIONS WHERE WALLS ARE REMOVED OR WHERE DEVICES, EQUIPMENT, ACCESSORIES, ETC. ARE REMOVED. PREP WALLS TO RECEIVE NEW FINISH. NEW CONSTRUCTION SHOULD MATCH ADJACENT FINISHES AND MATERIALS AND PROVIDE SMOOTH AND COMPLETE TRANSITION.

4). ALL ITEMS INDICATED TO BE SALVAGED ARE TO BE VERIFIED WITH THE OWNER. IF OWNER DECLINES SALVAGE, CONTRACTOR SHALL REMOVE ITEMS FROM THE SITE AND DISPOSE OF THEM PROPERLY.

5). ALL EXISTING FLOORING TO BE REMOVED AS REQUIRED TO ACCOMMODATE NEW WORK. REFER TO FINISH SCHEDULE.

KEYED NOTES

DESIGNATED BY: ← (#)

(1) NO WORK IN THIS AREA.

(2) REMOVE EXISTING FLOORING AND WALL BASE IN THEIR ENTIRETY. PREP FLOOR FOR NEW FINISH. REFER TO ID SHEETS.

DEMOLITION PLAN LEGEND

- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING WALL TO REMAIN
- FLOORING EXTENT
- NOT IN SCOPE OF WORK

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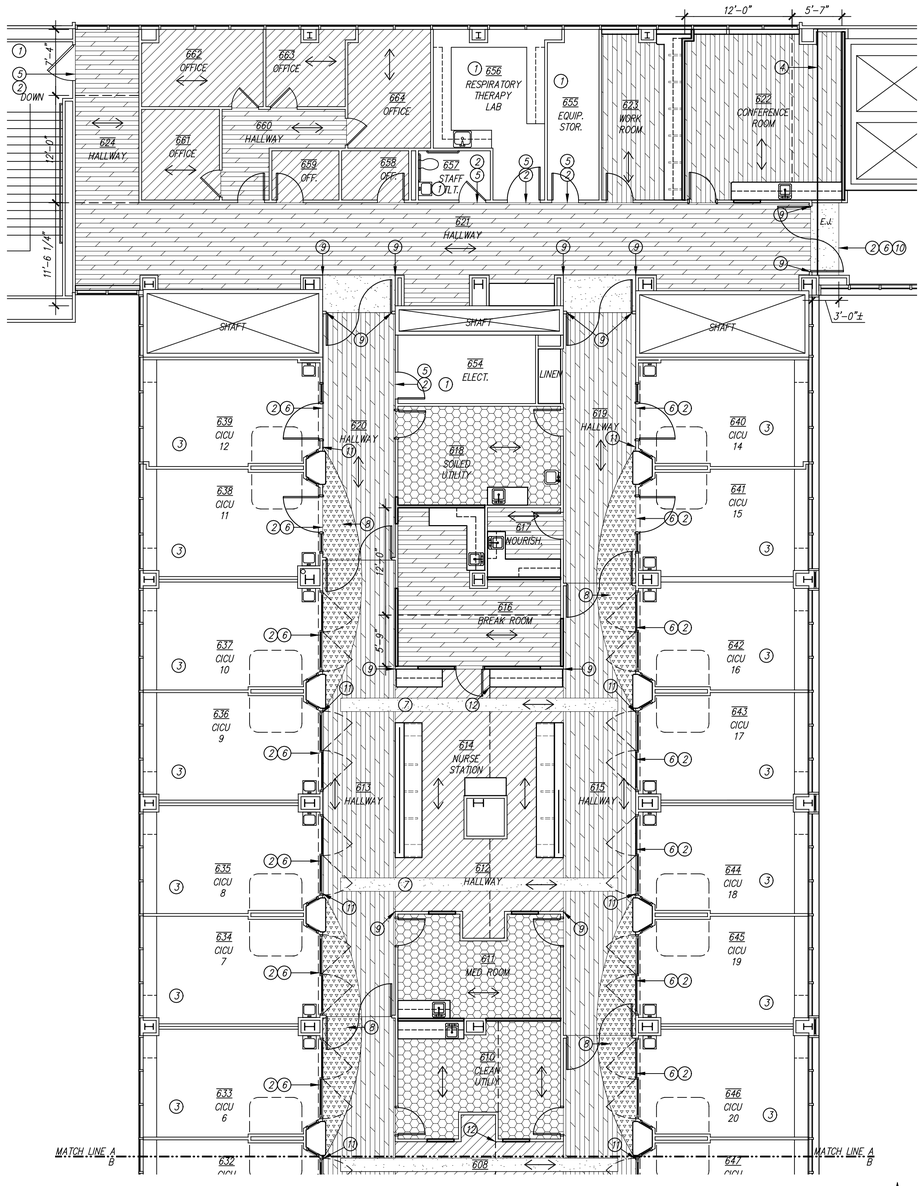

28/ID1 SIXTH FLOOR - FLOOR FINISH PLAN - NORTH

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

NORTH

15/ID1 SIXTH FLOOR - FLOOR FINISH PLAN - SOUTH

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

NORTH

GENERAL NOTES

1). REFER TO THE PROJECT MANUAL AND FINISH SCHEDULE FOR ADDITIONAL INFORMATION. SHOULD THERE BE A DISCREPANCY BETWEEN THE DOCUMENTS, SUCH DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE CONTRACTOR SHALL RECEIVE INSTRUCTION PRIOR TO INSTALLATION OR PERFORMANCE OF SAID WORK. WORK PERFORMED IN CONFLICT WITH THE DRAWINGS OR SCHEDULE SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

2). ALL WORK IS TO BE PERFORMED ACCORDING TO MANUFACTURER'S RECOMMENDED METHODS.

3). FIELD VERIFY ALL DIMENSIONS NEW OR EXISTING PRIOR TO CONSTRUCTION AND ADJUST WHERE REQUIRED TO PROVIDE A PROPER AND COMPLETE INSTALLATION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.

4). PROVIDE SMOOTH TRANSITION WHERE NEW CONSTRUCTION INTERSECTS WITH EXISTING CONDITIONS. IN ALL AREAS ADJACENT TO NEW CONSTRUCTION, REPAIR/REFINISH AND INSTALL NEW WALL BASE, PAINT, ETC. WHERE NECESSARY TO AVOID PATCHES OR INCONSISTENT FINISHES.

5). INCLUDE ALL TRIM, INSIDE/OUTSIDE CORNER, CONNECTOR, AND END CAP PIECES FOR COMPLETE INSTALLATION OF FINISHES.

6). A PRE-INSTALLATION MEETING WITH THE ARCHITECT IS REQUIRED PRIOR TO THE INSTALLATION OF TILE, VINYL FLOORING, AND WALL PROTECTIVE PRODUCTS.

7). INSTALL FLOORING TO WALL UNDER OPEN MILLWORK.

8). INCLUDE TRANSITION STRIPS BETWEEN DIFFERENT FLOORING TYPES AS SCHEDULED.

9). ALL FLOOR PATTERN DIMENSIONS ARE TYPICAL.

10). SUB-FLOOR TO BE PROPERLY PREPPED TO PREVENT TELEGRAPHING BEFORE NEW FLOORING IS INSTALLED.

11). WHEN A SHEET VINYL TOUCHES ANOTHER COLOR OF SHEET VINYL, USE THE RECOMMENDED WELD ROD COLOR THAT GOES WITH THE FIELD COLOR FOR THE TRANSITION BETWEEN THE TWO COLORS. WHEN A PATTERN INTERSECTS MULTIPLE COLORS, USE THE RECOMMENDED WELD ROD THAT GOES WITH THE INTERSECTING PATTERN.

KEYED NOTES

DESIGNATED BY: ←(#)

(1) NO WORK IN THIS AREA.

(2) REPAIR/PATCH FLOOR FINISHES DISTURBED IN THIS AREA AS SCHEDULED OR TO MATCH EXISTING.

(3) NO FLOORING WORK IN THIS AREA.

(4) ENSURE COMPLETE AND SANITARY TRANSITION OF MATERIALS AT EXPANSION JOINT.

(5) INSTALL APPROPRIATE TRANSITION TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND EXISTING MATERIALS.

(6) NEW SHEET VINYL TO BE HEAT WELDED TO EXISTING SHEET VINYL IN THIS LOCATION.

(7) PATTERN TO BE 1'-6" X 31'-0" IN THIS LOCATION AND CENTERED IN SPACE.

(8) RADIUS OF PATTERN TO BE 27'-0" IN THIS LOCATION.

(9) PATTERN TO ALIGN WITH CORNER OF WALL/DOOR FRAME IN THIS LOCATION.

(10) NEW SHEET VINYL TO REPLACE EXISTING BROWN SHEET VINYL IN THIS LOCATION.

(11) PATTERN TO EXTEND 5 1/2" PAST CORNER OF WALL IN THIS LOCATION.

(12) FLOORING SEAM TO ALIGN WITH CORNER OF WALL/MILLWORK IN THIS LOCATION.

FLOOR FINISH LEGEND

- ⟷ INDICATES PATTERN DIRECTION
- SV1 – SHEET VINYL
- SV2 – SHEET VINYL
- SV3 – SHEET VINYL
- SV4 – SHEET VINYL
- SV5 – SHEET VINYL
- – – – – INDICATES SEAM LOCATION

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602 INDIANA AVENUE
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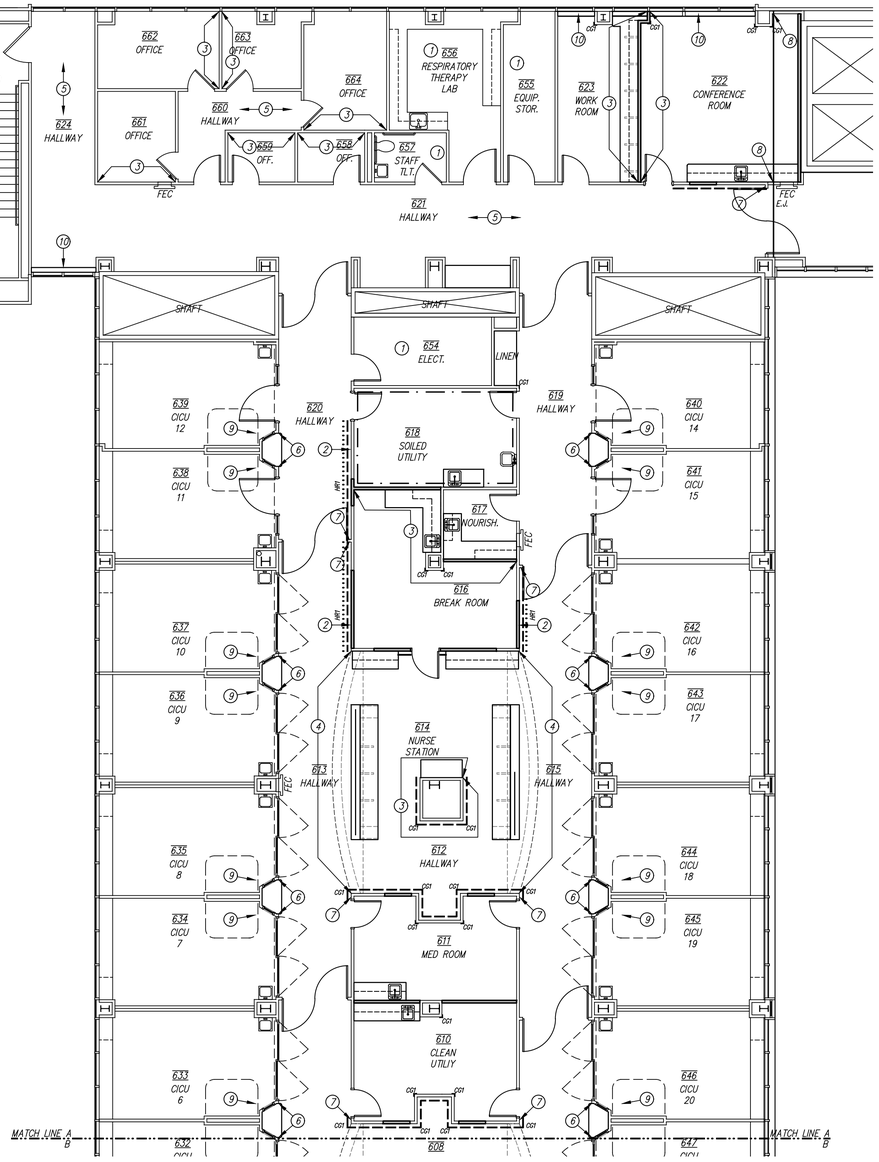
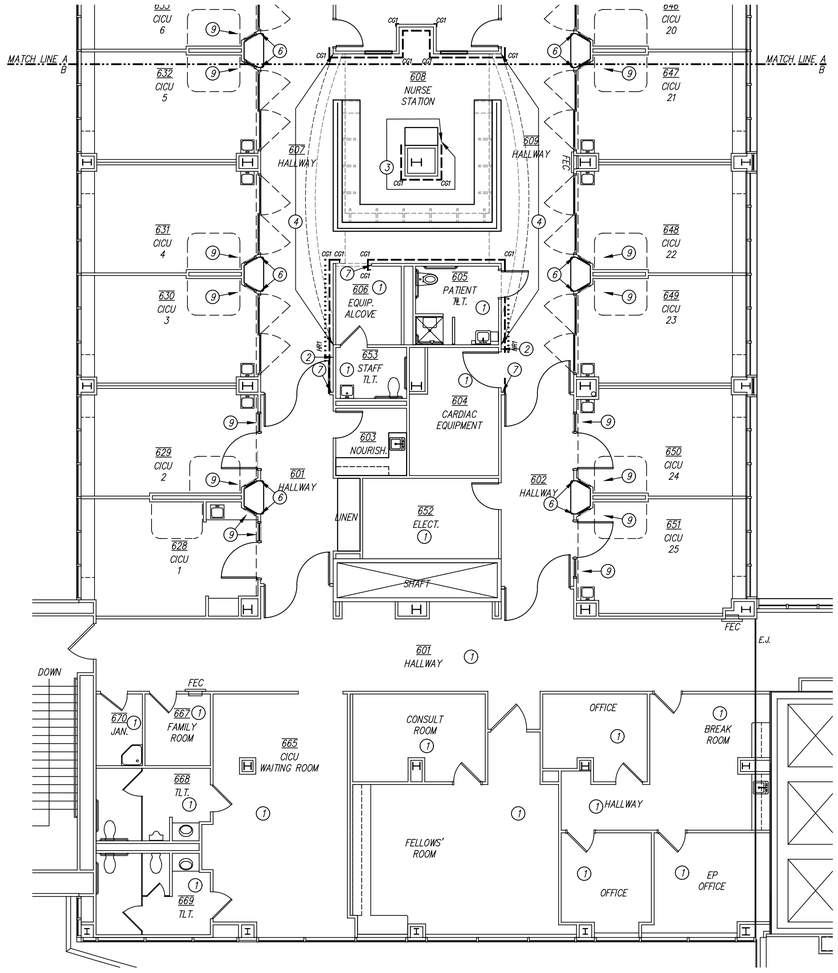


28/ID2 SIXTH FLOOR - WALL FINISH PLAN - NORTH

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

NORTH



15/ID2 SIXTH FLOOR - WALL FINISH PLAN - SOUTH

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

NORTH

GENERAL NOTES

1). REFER TO THE PROJECT MANUAL AND FINISH SCHEDULE FOR ADDITIONAL INFORMATION. SHOULD THERE BE A DISCREPANCY BETWEEN THE DOCUMENTS, SUCH DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE CONTRACTOR SHALL RECEIVE INSTRUCTION PRIOR TO INSTALLATION OR PERFORMANCE OF SAID WORK. WORK PERFORMED IN CONFLICT WITH THE DRAWINGS OR SCHEDULE SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

2). ALL WORK IS TO BE PERFORMED ACCORDING TO MANUFACTURER'S RECOMMENDED METHODS.

3). FIELD VERIFY ALL DIMENSIONS NEW OR EXISTING PRIOR TO CONSTRUCTION AND ADJUST WHERE REQUIRED TO PROVIDE A PROPER AND COMPLETE INSTALLATION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.

4). REPAIR EXISTING WALLS AND FLOORS AS SCHEDULED TO REMAIN AND REFINISH AS INDICATED.

5). PROVIDE SMOOTH TRANSITION WHERE NEW CONSTRUCTION INTERSECTS WITH EXISTING CONDITIONS. IN ALL AREAS ADJACENT TO NEW CONSTRUCTION, REPAIR/REFINISH AND INSTALL NEW WALL BASE, PAINT, ETC. WHERE NECESSARY TO AVOID PATCHES OR INCONSISTENT FINISHES.

6). INCLUDE ALL TRIM, INSIDE/OUTSIDE CORNER, CONNECTOR, AND END CAP PIECES FOR COMPLETE INSTALLATION OF FINISHES.

7). A PRE-INSTALLATION MEETING WITH THE ARCHITECT IS REQUIRED PRIOR TO THE INSTALLATION OF TILE, VINYL FLOORING, AND WALL PROTECTIVE PRODUCTS.

8). ON ALL WALLS SCHEDULED TO REMAIN, PATCH ANY EXISTING HOLES, CRACKS, OR OTHERWISE DAMAGED AREAS AND RE-TEXTURE AND PAINT AS SCHEDULED.

9). INSTALL NEW BASE AT NEW WALL CONSTRUCTION. PROVIDE SMOOTH TRANSITION BY RETURNING BASE TO CORNER.

10). INSTALL CORNER GUARDS FROM TOP OF BASE TO UNDERSIDE OF TRIM CAP WHERE TRIM CAP IS PROVIDED.

11). PROVIDE OUTSIDE CORNERS GUARDS WHERE INDICATED. REFER TO FINISH SCHEDULE.

12). TOP OF TRIM CAP TO BE INSTALLED AT APPROXIMATELY 42" AFF TO MATCH EXISTING TRIM CAP HEIGHT. FIELD VERIFY EXISTING TRIM CAP HEIGHT AT EACH LOCATION.

13). NEW DOORS WITH PL TO BE INSTALLED AS SCHEDULED.

KEYED NOTES

DESIGNATED BY: ←(#)

(1) NO WORK IN THIS AREA.

(2) TOP OF HAND RAIL TO BE INSTALLED AT APPROXIMATLY 34" AFF AT THIS LOCATION TO MATCH EXISTING HAND RAIL HEIGHT. FIELD VERIFY EXISTING HAND RAIL HEIGHT AT EACH LOCATION.

(3) PAINT P3 AS SCHEDULED.

(4) PAINT ALL SURFACES OF CEILING FURRDOWN P4 AS SCHEDULED.

(5) ALL DOORFRAMES, INCLUDING EXISTING, TO BE PAINTED P3 IN THIS HALLWAY.

(6) PROTECT ALL WAINSCOT UNDER WORKSURFACE DURING CONSTRUCTION AT THIS LOCATION. REPLACE WITH WC1 IN AREAS WHERE WAINSCOT CANNOT BE SALVAGED.

(7) NEW WAINSCOT INSTALLATION TO WRAP AROUND ADJACENT WALL AND TERMINATE AT DOOR FRAME.

(8) EXPANSION JOINT ON WALL.

(9) TOUCH UP PAINT AROUND NEWLY INSTALLED WINDOWS INSIDE PATIENT ROOMS.

(10) INSTALL SSM AT WINDOW SILL IN THIS LOCATION AS SCHEDULED.

WALL FINISH LEGEND

CG — CORNER GUARD AS SCHEDULED

– – – – – WC1 – WAINSCOT WITH TRIM CAP

····· HR1 – HAND RAIL

— · — FRP1 – FIBER REINFORCED PANEL

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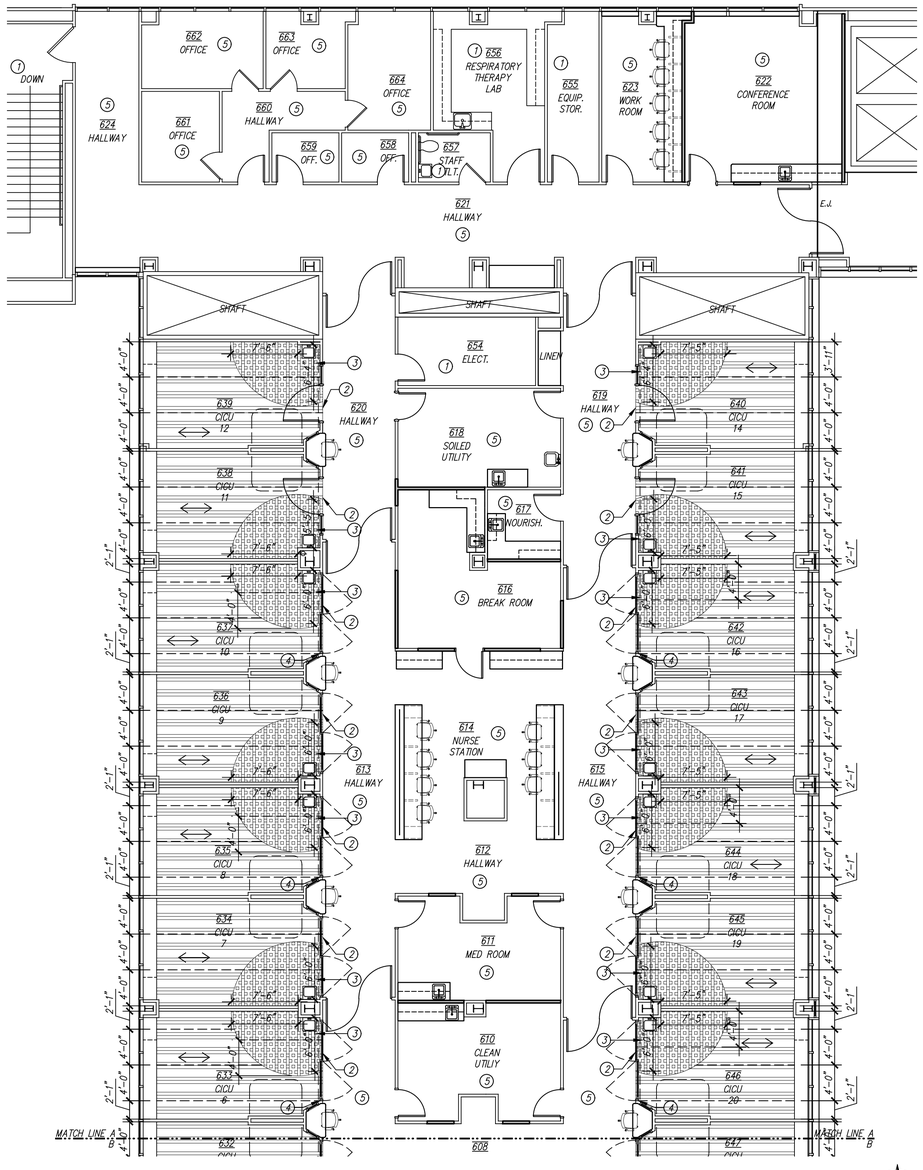
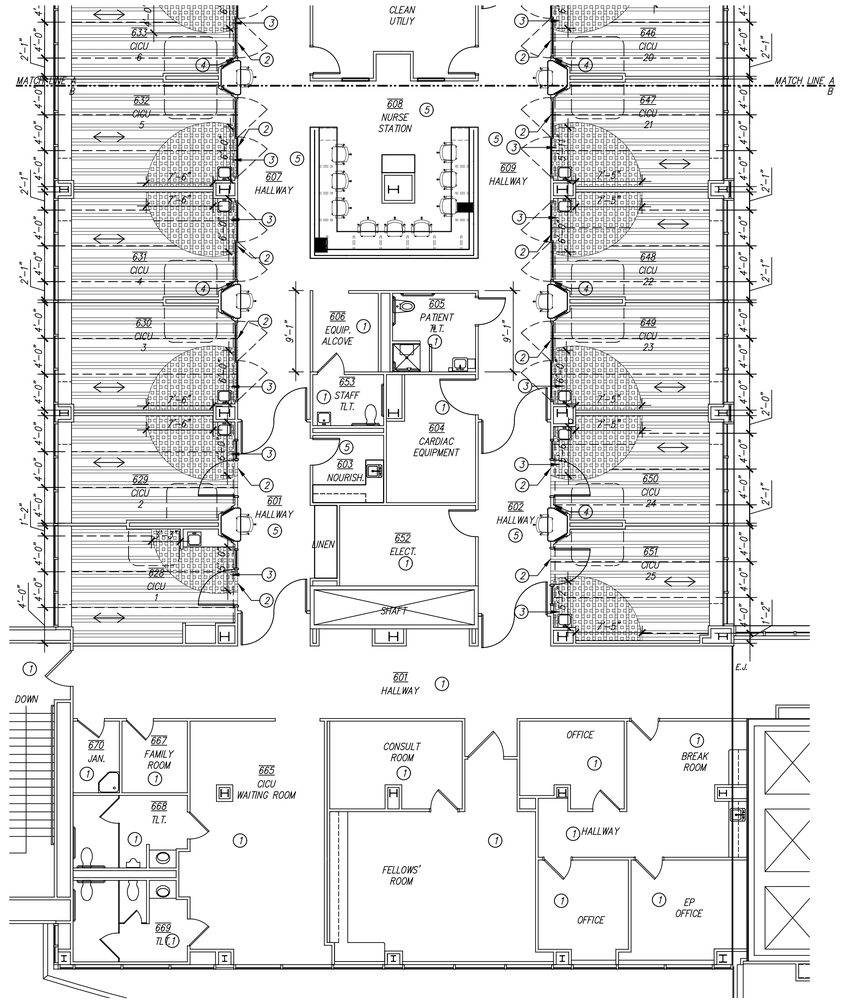


27/ID3 SIXTH FLOOR - FLOOR FINISH PLAN - NORTH - ALTERNATE #1

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

NORTH



15/ID3 SIXTH FLOOR - FLOOR FINISH PLAN - SOUTH - ALTERNATE #1

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

NORTH

GENERAL NOTES

1). REFER TO THE PROJECT MANUAL AND FINISH SCHEDULE FOR ADDITIONAL INFORMATION. SHOULD THERE BE A DISCREPANCY BETWEEN THE DOCUMENTS, SUCH DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE CONTRACTOR SHALL RECEIVE INSTRUCTION PRIOR TO INSTALLATION OR PERFORMANCE OF SAID WORK. WORK PERFORMED IN CONFLICT WITH THE DRAWINGS OR SCHEDULE SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

2). ALL WORK IS TO BE PERFORMED ACCORDING TO MANUFACTURER'S RECOMMENDED METHODS.

3). FIELD VERIFY ALL DIMENSIONS NEW OR EXISTING PRIOR TO CONSTRUCTION AND ADJUST WHERE REQUIRED TO PROVIDE A PROPER AND COMPLETE INSTALLATION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.

4). PROVIDE SMOOTH TRANSITION WHERE NEW CONSTRUCTION INTERSECTS WITH EXISTING CONDITIONS. IN ALL AREAS ADJACENT TO NEW CONSTRUCTION, REPAIR/REFINISH AND INSTALL NEW WALL BASE, PAINT, ETC. WHERE NECESSARY TO AVOID PATCHES OR INCONSISTENT FINISHES.

5). INCLUDE ALL TRIM, INSIDE/OUTSIDE CORNER, CONNECTOR, AND END CAP PIECES FOR COMPLETE INSTALLATION OF FINISHES.

6). A PRE-INSTALLATION MEETING WITH THE ARCHITECT IS REQUIRED PRIOR TO THE INSTALLATION OF TILE, VINYL FLOORING, AND WALL PROTECTIVE PRODUCTS.

7). INSTALL FLOORING TO WALL UNDER OPEN MILLWORK.

8). INCLUDE TRANSITION STRIPS BETWEEN DIFFERENT FLOORING TYPES AS SCHEDULED.

9). ALL FLOOR PATTERN DIMENSIONS ARE TYPICAL.

10). SUB-FLOOR TO BE PROPERLY PREPPED TO PREVENT TELEGRAPHING BEFORE NEW FLOORING IS INSTALLED.

11). WHEN A SHEET VINYL TOUCHES ANOTHER COLOR OF SHEET VINYL, USE THE RECOMMENDED WELD ROD COLOR THAT GOES WITH THE FIELD COLOR FOR THE TRANSITION BETWEEN THE TWO COLORS. WHEN A PATTERN INTERSECTS MULTIPLE COLORS, USE THE RECOMMENDED WELD ROD THAT GOES WITH THE INTERSECTING PATTERN.

KEYED NOTES

DESIGNATED BY: ←(#)

(1) NO WORK IN THIS AREA.

(2) RUBBER FLOORING TO BE HEAT WELDED TO SHEET VINYL IN THIS LOCATION.

(3) PATTERN RADIUS TO BE 7'-6" IN THIS LOCATION.

(4) SEAM TO ALIGN WITH CORNER OF WALL IN THIS LOCATION.

(5) WORK INCLUDED IN BASE BID.

FLOOR FINISH LEGEND

↔ INDICATES PATTERN DIRECTION

RF1 – RUBBER FLOOR

RF2 – RUBBER FLOOR

- - - - - INDICATES SEAM LOCATION

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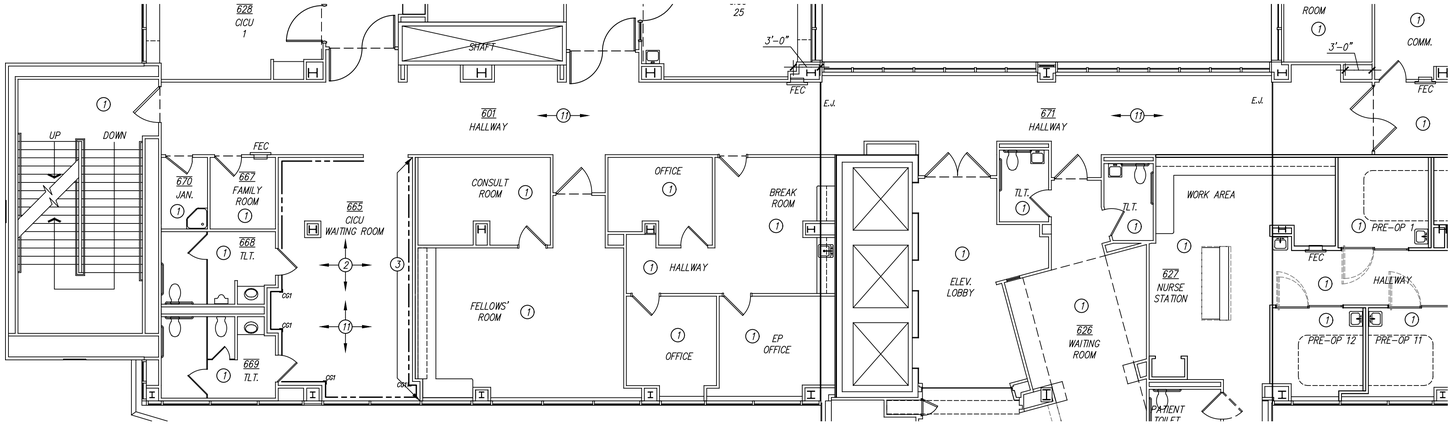
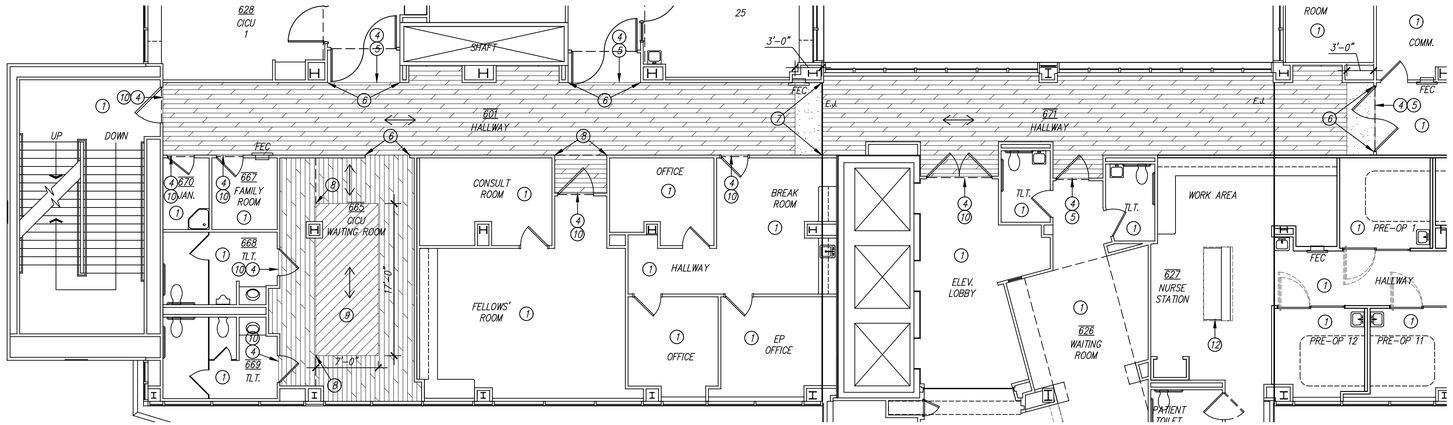


25/ID4 SIXTH FLOOR - WALL FINISH PLAN - ALTERNATE #2

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

NORTH



27/ID4 SIXTH FLOOR - FLOOR FINISH PLAN - ALTERNATE #2

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

NORTH

GENERAL NOTES

1). REFER TO THE PROJECT MANUAL AND FINISH SCHEDULE FOR ADDITIONAL INFORMATION. SHOULD THERE BE A DISCREPANCY BETWEEN THE DOCUMENTS, SUCH DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE CONTRACTOR SHALL RECEIVE INSTRUCTION PRIOR TO INSTALLATION OR PERFORMANCE OF SAID WORK. WORK PERFORMED IN CONFLICT WITH THE DRAWINGS OR SCHEDULE SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

2). ALL WORK IS TO BE PERFORMED ACCORDING TO MANUFACTURER'S RECOMMENDED METHODS.

3). FIELD VERIFY ALL DIMENSIONS NEW OR EXISTING PRIOR TO CONSTRUCTION AND ADJUST WHERE REQUIRED TO PROVIDE A PROPER AND COMPLETE INSTALLATION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.

4). REPAIR EXISTING WALLS AND FLOORS AS SCHEDULED TO REMAIN AND REFINISH AS INDICATED.

5). PROVIDE SMOOTH TRANSITION WHERE NEW CONSTRUCTION INTERSECTS WITH EXISTING CONDITIONS. IN ALL AREAS ADJACENT TO NEW CONSTRUCTION, REPAIR/REFINISH AND INSTALL NEW WALL BASE, PAINT, ETC. WHERE NECESSARY TO AVOID PATCHES OR INCONSISTENT FINISHES.

6). INCLUDE ALL TRIM, INSIDE/OUTSIDE CORNER, CONNECTOR, AND END CAP PIECES FOR COMPLETE INSTALLATION OF FINISHES.

7). A PRE-INSTALLATION MEETING WITH THE ARCHITECT IS REQUIRED PRIOR TO THE INSTALLATION OF TILE, VINYL FLOORING, AND WALL PROTECTIVE PRODUCTS.

8). ON ALL WALLS SCHEDULED TO REMAIN, PATCH ANY EXISTING HOLES, CRACKS, OR OTHERWISE DAMAGED AREAS AND RE-TEXTURE AND PAINT AS SCHEDULED.

9). INSTALL NEW BASE AT NEW WALL CONSTRUCTION. PROVIDE SMOOTH TRANSITION BY RETURNING BASE TO CORNER.

10). INSTALL CORNER GUARDS FROM TOP OF BASE TO UNDERSIDE OF TRIM CAP WHERE TRIM CAP IS PROVIDED.

11). PROVIDE OUTSIDE CORNERS GUARDS WHERE INDICATED. REFER TO FINISH SCHEDULE.

12). TOP OF TRIM CAP TO BE INSTALLED AT APPROXIMATELY 42" AFF TO MATCH EXISTING TRIM CAP HEIGHT. FIELD VERIFY EXISTING TRIM CAP HEIGHT AT EACH LOCATION.

13). NEW DOOR WITH PL1 TO BE INSTALLED IN THIS LOCATION.

KEYED NOTES

DESIGNATED BY: ←(#)

(1) NO WORK IN THIS AREA.

(2) INSTALL WALL PROTECTION IN THIS LOCATION WITH TOP OF TRIM CAP AT APPROXIMATELY 34"AFF.

(3) PAINT P3 AS SCHEDULED.

(4) REPAIR/PATCH FLOOR FINISHES DISTURBED IN THIS AREA AS SCHEDULED OR TO MATCH EXISTING.

(5) NEW SHEET VINYL TO BE HEAT WELDED TO EXISTING SHEET VINYL IN THIS LOCATION.

(6) PATTERN TO ALIGN WITH CORNER OF WALL/DOOR FRAME IN THIS LOCATION.

(7) PATTERN TO ALIGN WITH EXPANSION JOINT IN THIS LOCATION.

(8) SEAM TO ALIGN WITH CORNER OF WALL/PATTERN IN THIS LOCATION.

(9) PATTERN TO BE CENTERED IN SPACE.

(10) INSTALL APPROPRIATE TRANSITION TO PROVIDE A SEAMLESS TRANSITION BETWEEN NEW AND EXISTING MATERIALS.

(11) ALL DOOR FRAMES, INCLUDING EXISTING, TO BE PAINTED P3 IN THIS AREA.

(12) ALL SIDES OF FURRDOWN ABOVE NURSE STATION TO BE PAINTED P4 AS SCHEDULED.

WALL FINISH LEGEND

CG — CORNER GUARD AS SCHEDULED

WP — WALL PROTECTION WITH TRIM CAP

FLOOR FINISH LEGEND

INDICATES PATTERN DIRECTION

SV1 — SHEET VINYL

SV2 — SHEET VINYL

SV3 — SHEET VINYL

INDICATES SEAM LOCATION

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MECHANICAL GENERAL NOTES

1. THESE DRAWINGS HAVE BEEN PRODUCED WITH LIMITED INFORMATION ABOUT THE EXISTING BUILDING AND THE EXISTING MECHANICAL SYSTEMS. THE EXISTING INFORMATION MAY BE LIMITED TO SITE SURVEYS PERFORMED BY THE ENGINEER AND/OR EXISTING AS-BUILT DRAWINGS. THE EXISTING MECHANICAL SYSTEMS SHOWN ON THE DRAWINGS ARE DETAILED WITH THE BEST ACCURACY KNOWN BY THE ENGINEER AT THE TIME OF THE PROJECT, AND MAY NOT REFLECT THE ACTUAL EXISTING CONDITIONS ON SITE. THE CONTRACTOR SHALL ADJUST THE NEW INSTALLATION AS NEEDED TO ADAPT TO THE ACTUAL CONDITIONS, AND SHALL NOTIFY THE ARCHITECT OF ANY MAJOR DISCREPANCIES.
2. VERIFY THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, PIPING, DIFFUSERS, AND GRILLES AT JOBSITE. CONTRACTOR SHALL WALK THE SITE AND BECOME FAMILIAR WITH ALL EXISTING SYSTEMS AND INSTALLATIONS. CONTRACTOR SHALL TAKE CARE TO PROTECT ALL OPERATIONAL SYSTEMS. ANY EXISTING SYSTEMS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR.
3. FOR ALL ITEMS SHOWN TO BE REMOVED, REMOVE ALL ASSOCIATED ITEMS INCLUDING HANGERS, SUPPORTS, DUCT RUNOUTS, PIPE RUNOUTS, ELECTRICAL WIRING, CONTROL WIRING, ECT. THE OVERALL INTENT OF THE DEMOLITION SHALL BE TO CLEAN UP THE EXISTING AREA AS MUCH AS POSSIBLE OF OLD ITEMS THAT ARE NO LONGER BEING UTILIZED FOR THE NEW SCOPE OF WORK.
4. CONTRACTOR SHALL COORDINATE ALL MECHANICAL DISCONNECTIONS AND INTERRUPTIONS WITH BUILDING OWNER. ANY SHUT DOWNS OF EXISTING SYSTEMS THAT ARE REQUIRED SHALL BE COORDINATE WITH THE BUILDING OWNER MINIMUM 7 DAYS IN ADVANCE, AND SHALL BE DONE TO MINIMIZE THE DISTURBANCE TO THE BUILDING OCCUPANTS.
5. VERIFY EXACT SCHEDULE AND PHASING OF PROJECT WITH THE ARCHITECT.
6. THE BUILDING OWNER SHALL RETAIN THE FULL RIGHTS OF SALVAGE FOR ALL MECHANICAL EQUIPMENT INDICATED TO BE REMOVED. THE CONTRACTOR SHALL COORDINATE WITH OWNER ON ALL SALVAGED ITEMS. THE CONTRACTOR SHALL DELIVER THESE PIECES OF EQUIPMENT TO A LOCATION AS DIRECTED BY THE OWNER. FOR ALL ITEMS THAT THE OWNER DOES NOT SALVAGE, THE CONTRACTOR SHALL DISPOSE OF OFF SITE AS REQUIRED.
7. SEAL PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS AND ROOFS WHERE MECHANICAL COMPONENTS ARE REMOVED AND WHERE THE EXISTING PENETRATION IS NOT USED FOR THE NEW INSTALLATION. REPAIR DAMAGED SURFACES TO MATCH ADJACENT AREAS OR AS INDICATED ON THE ARCHITECTURAL DRAWINGS. INSTALL PERMANENT CAPS WHERE DUCTWORK AND PIPING IS REMOVED AND THE EXISTING TAPS ARE NOT USED FOR THE NEW INSTALLATION.
8. INSPECT EXISTING EQUIPMENT TO REMAIN TO VERIFY THAT EQUIPMENT IS OPERATING PROPERLY. NOTIFY OWNER OF DAMAGED AND/OR MALFUNCTIONING COMPONENTS.
9. REMOVAL, RECOVERY, RECYCLING, AND DISPOSAL OF REFRIGERANT, CONTAINED IN ANY EXISTING MECHANICAL EQUIPMENT TO BE REMOVED, SHALL BE PERFORMED IN STRICT ACCORDANCE WITH CURRENT EPA GUIDELINES.
10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THESE PLANS AND SPECIFICATIONS IN ADDITION TO THE RELATED PLUMBING, ELECTRICAL, STRUCTURAL, ARCHITECTURAL, AND CIVIL ENGINEERING DRAWINGS TO BECOME FAMILIAR WITH THE ENTIRE SCOPE OF THE PROJECT. IN ADDITION, THE CONTRACTOR MUST COORDINATE WITH THE OWNER OR OWNER'S REPRESENTATIVE TO FULLY UNDERSTAND ALL REQUIREMENTS WHICH MAY NOT BE SPECIFIED HEREIN AND WHICH THE OWNER MAY CONSIDER PART OF THIS CONTRACT. DURING THE COURSE OF CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO WORK CLOSELY WITH ALL ACCOMPANYING CONTRACTORS AND TRADESMEN IN ORDER TO ENSURE A SMOOTH RUNNING AND CAREFULLY COORDINATED INSTALLATION.
11. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, NATIONAL, CITY, STATE, AND ANY LOCAL ORDINANCES WHICH MAY BE IN EFFECT. ALL MATERIALS, INSTALLATION PROCEDURES, AND SYSTEM LAYOUTS SHALL BE APPROVED BY ALL APPLICABLE CODE ENFORCEMENT AUTHORITIES HAVING JURISDICTION, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PAY FOR ALL NECESSARY PERMITS AND APPROVALS FOR THIS WORK.
12. THE CONTRACTOR SHALL PROVIDED ALL NECESSARY COMPONENTS FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM FOR THE BUILDING OWNER. MATERIALS, EQUIPMENT OR LABOR NOT INDICATED, BUT WHICH CAN BE REASONABLY INFERRED TO BE NECESSARY FOR A COMPLETE INSTALLATION SHALL BE PROVIDED. THE DRAWINGS AND SPECIFICATIONS DO NOT UNDERTAKE TO INDICATE EVERY ITEM OF MATERIAL, EQUIPMENT OR LABOR REQUIRED TO PRODUCE A SAFE, COMPLETE AND PROPERLY OPERATING SYSTEM.
13. THE DRAWING SHEETS SHALL BE PRINTED USING THE CORRECT PAPER SIZE IN ORDER FOR ANY SCALED ITEMS TO BE ACCURATE. HOWEVER, THE CONTRACTOR SHALL NOT RELY ON THE SCALED DRAWINGS FOR EXACT MEASUREMENTS. THE LOCATIONS, ARRANGEMENT AND EXTENT OF EQUIPMENT, PIPING, DUCTWORK, AND ITEMS RELATED TO THE INSTALLATION OF THE MECHANICAL WORK SHOWN ARE APPROXIMATE. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE.
14. ANY DISCREPANCIES OR INADEQUACIES WITHIN THESE BID DOCUMENTS OR BETWEEN THESE BID DOCUMENTS AND THE RELATED PLUMBING, FIRE PROTECTION, ELECTRICAL, STRUCTURAL, ARCHITECTURAL, INTERIOR, AND CIVIL ENGINEERING DRAWINGS, OR BETWEEN THESE BID DOCUMENTS AND FIELD CONDITIONS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. SHOULD THE CONTRACTOR REQUIRE FURTHER CLARIFICATION, AN RFI SHALL BE SUBMITTED FOR CLARIFICATION. WHERE CONFLICTS DO EXIST, THE PROJECT ENGINEER OF RECORD, THROUGH THE ARCHITECT, SHALL HAVE SOLE DISCRETION AND RIGHT TO PROVIDE INTERPRETATION OF INTENT OF THE CONTRACT DOCUMENTS AS REQUIRED. THIS INTERPRETATION SHALL SERVE TO DIRECT THE CONTRACTOR IN ACCORDANCE WITH THE IMPLIED INTENT OF THE CONSTRUCTION DOCUMENTS WITHOUT ADDITIONAL COST TO THE PROJECT.
15. THE CONTRACTOR SHALL PROVIDE THE BUILDING OWNER WITH A COMPLETE SET OF "AS BUILT" DRAWINGS SHOWING ALL FIELD MODIFICATIONS THAT DEVIATE FROM THE CONSTRUCTION SET OF PLANS AT THE COMPLETION OF THE PROJECT.
16. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ALL MECHANICAL UNITS WITH NEW AIR FILTERS THROUGHOUT THE CONSTRUCTION DURATION TO PROTECT THE EQUIPMENT FROM DEBRIS. PROVIDE A NEW SET OF FILTERS UPON TESTING AND BALANCING, AND ANOTHER NEW SET OF FILTERS FOR OWNER'S FIRST FILTER CHANGE AFTER OCCUPANCY.
17. DURING CONSTRUCTION, ALL OPEN ENDED DUCTS AND PIPES SHALL BE COVERED TO PREVENT DEBRIS FROM GETTING INSIDE. THE CONTRACTOR SHALL ALSO PROVIDE TEMPORARY HEATING INSIDE THE BUILDING IF REQUIRED TO AVOID FREEZING OF WATER PIPING SYSTEMS.
18. HANDLE AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S AND SUPPLIER'S RECOMMENDATIONS AND IN A MANNER TO PREVENT DAMAGE TO MATERIALS DURING STORAGE AND HANDLING. REPLACE DAMAGED MATERIALS AS NEEDED AT NO ADDITIONAL COST TO THE OWNER. EQUIPMENT AND MATERIALS SHALL NOT BE INSTALLED UNTIL SUCH TIME AS THE ENVIRONMENTAL CONDITIONS OF THE JOB SITE ARE SUITABLE TO PROTECT THE EQUIPMENT OR MATERIALS. EQUIPMENT OR MATERIALS DAMAGED, OR WHICH ARE SUBJECTED TO THESE ELEMENTS, ARE UNACCEPTABLE AND SHALL BE REMOVED FROM THE PREMISES AND REPLACED.
19. ORDER OF PRECEDENCE SHALL BE OBSERVED IN LAYING OUT THE PIPE, DUCTWORK, MATERIAL, AND CONDUIT IN ORDER TO FIT THE MATERIAL INTO THE SPACE ABOVE THE CEILING AND IN THE CHASES AND WALLS. THE FOLLOWING ORDER SHALL GOVERN:
    1. ITEMS AFFECTING THE VISUAL APPEARANCE OF THE INSIDE OF THE BUILDING SUCH AS LIGHTING FIXTURES, DIFFUSERS, GRILLES, OUTLETS, PANELBOARDS, ETC. COORDINATE ALL ITEMS TO AVOID CONFLICTS AT THE SITE.
    2. LINES REQUIRING GRADE TO FUNCTION SUCH AS SEWERS, ROOF DRAINS AND CONDENSATE DRAINS.
    3. LARGE DUCTS AND PIPES WITH CRITICAL CLEARANCES.
    4. FIRE SPRINKLER LINES, CONDUIT, WATER LINES, AND OTHER LINES WHOSE ROUTING IS NOT CRITICAL AND WHOSE FUNCTION WOULD NOT BE IMPAIRED BY BENDS AND OFFSETS.
20. ROUTE DUCTS AND PIPES PARALLEL AND PERPENDICULAR TO THE BUILDING STRUCTURE UNLESS OTHERWISE SHOWN ON PLANS. INSTALL ALL DUCTS AND PIPING AS HIGH AS POSSIBLE WITHIN THE AVAILABLE SPACE. MECHANICAL EQUIPMENT, DUCTS, AND PIPES SHALL BE INDEPENDENTLY SUPPORTED FROM THE BUILDING STRUCTURE. INSTALL DUCTS AND PIPES TO ALLOW FOR THE REMOVAL OF ALL CEILING TILES. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES AND LIGHT FIXTURES. COORDINATE AS REQUIRED TO AVOID CONFLICTS.
21. LOCATE ALL THERMOSTATS, HUMIDISTATS, CONTROLLERS, AND SENSORS AT 48" A.F.F. UNLESS NOTED OTHERWISE. MOUNT AT MINIMUM OF SIX INCHES FROM WALL CORNERS. COORDINATE THE MOUNTING LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE LABEL AT EACH THERMOSTAT INDICATED THE UNIT MARK. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL ALL THERMOSTATS AND INSTALL ALL THERMOSTAT WIRING. ELECTRICIAN TO PROVIDE BACK BOX WITH CONDUIT UP TO ACCESSIBLE CEILING AT ALL THERMOSTAT/SENSOR LOCATIONS
22. MAINTAIN MINIMUM 10'-0" SEPARATION BETWEEN OUTSIDE AIR INTAKES AND ALL EXHAUST FANS, FLUES, AND PLUMBING VENTS.
23. PROVIDE P-TRAP AND CONDENSATE DRAIN LINE AT ALL UNITS, REFER TO DETAILS AND SPECIFICATIONS. CONDENSATE DRAINS SHALL BE ROUTED TO THE NEAREST APPROVED MOP SINK, FLOOR SINK, FLOOR DRAIN, OR OTHER APPROVED RECEPTOR WITH AN INDIRECT CONNECTION AS SHOWN ON PLANS. CONDENSATE SHALL NOT BE ALLOWED TO DRAIN ONTO ANY WALKWAY AREA THAT WOULD CAUSE A NUISANCE.
24. REFRIGERANT PIPING IS SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE EXACT ROUTING OF PIPING AT JOBSITE. PROVIDE ALL REQUIRED OFFSETS AND ELBOWS AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM. THE CONTRACTOR SHALL OBSERVE THE UNIT MANUFACTURER'S MAXIMUM LINE LENGTH REQUIREMENTS.
25. CONTRACTOR SHALL FIELD VERIFY EXACT ROUTING OF DUCTWORK AT JOBSITE WITH ALL FIELD CONDITIONS PRIOR TO DUCT FABRICATION. ROUTE DUCTS AS REQUIRED, PROVIDE OFFSETS AS REQUIRED, AND CHANGE DUCT SIZES IF REQUIRED WHILE MAINTAINING EQUAL FREE AREA IN DUCT. CONTRACTOR SHALL UTILIZE THE STRAIGHTEST DUCT ROUTING PATH POSSIBLE TO MINIMIZE UNNECESSARY PRESSURE DROP WITHIN THE SYSTEM.
26. WHEREVER THE MANUAL BALANCING DAMPERS ARE RENDERED INACCESSIBLE BEHIND NON REMOVABLE CEILINGS OR FURRINGS, OR OTHER CONSTRUCTION THAT IS NOT EASILY REMOVABLE TO PERMIT ACCESS TO THE DAMPERS, THE DAMPERS SHALL BE EQUAL TO YOUNG REGULATOR NO. 1200 RIGHT ANGLE WORM GEAR REGULATOR, FLEX SHAFT, AND 301-FS CONCEALED DAMPER REGULATOR WITH PRIMER COVER PLATE FOR FIELD PAINTING TO MATCH CEILING.
27. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS. NO ALLOWANCE HAS BEEN MADE FOR INTERNAL LINER OR EXTERNAL WRAP.
28. ALL DUCT AND PIPE PENETRATIONS THROUGH WALLS, CEILINGS, FLOORS, AND ROOFS SHALL BE FULLY SEALED APPROPRIATELY. INSTALL SLEEVES FOR PIPING PENETRATIONS FOR RATED WALLS AND FLOORS. INSTALL CHROME PLATED ESCUTCHEONS FOR PIPING PENETRATIONS OF WALLS, CEILINGS, AND FLOORS THAT ARE OPENLY VISIBLE TO BUILDING OCCUPANTS.
29. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURE'S INSTRUCTIONS WITH PROPER SUPPORTS OR MOUNTING DEVICES. MAINTAIN MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES AROUND EQUIPMENT AT A MINIMUM. PROVIDE VIBRATION ISOLATION FOR ALL MOVING PIECES OF EQUIPMENT, DO NOT ROUTE PIPING, DUCTWORK, CONTROL WIRE, ETC. THROUGH THE SERVICE CLEARANCE AREAS. UNITS LOCATED IN ATTICS, MEZZANINES, OR DECKED AREAS SHALL HAVE A 3' WIDE BY 5' TALL CLEAR WALKWAY TO EACH UNIT. COORDINATE THESE REQUIREMENTS WITH ALL TRADES IN THE FIELD. ALL MECHANICAL EQUIPMENT SHALL BE LABELED WITH A PERMANENT 2" TALL LABEL WITH 1" TALL TEXT. BLACK LABEL WITH WHITE TEXT, OR WHITE LABEL WITH BLACK TEXT
30. ANY COST INCURRED AS A RESULT OF VALUE ENGINEERING OR DEVIATIONS FROM THE BASIS OF DESIGN INDICATED IN THE CONTRACT DOCUMENTS (E.G. ELECTRICAL MODIFICATIONS TO ACCOMMODATE ALTERNATE EQUIPMENT SELECTIONS. DESIGN RELATED EXPENSES FOR REQUIRED DRAWING MODIFICATIONS, ETC.) SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO INCREASE IN CONTRACT COST WILL BE GRANTED UNLESS APPROVED IN WRITING BY THE OWNER. CONTRACT DOCUMENTS ARE DEFINED TO INCLUDE ALL DISCIPLINES AND DIVISIONS OF THE CONTRACT.
31. EXPOSED DUCTWORK SHALL HAVE PAINT GRIP FINISH, AND PAINTED AS DIRECTED BY ARCHITECT.
32. PIPING SHALL NOT BE ROUTED THROUGH ELECTRICAL OR I.T. ROOMS, OR DIRECTLY ABOVE ELECTRICAL PANELS OR ELECTRICAL EQUIPMENT.
33. ANY PORTIONS OF DUCTWORK VISIBLE THROUGH AIR DISTRIBUTION DEVICES IN FINISHED AREAS SHALL BE PAINTED FLAT BLACK.
34. ALL RETURN AND EXHAUST GRILLES THAT ARE LOUVERED BLADE TYPE SHALL BE INSTALLED WITH THE BLADES ORIENTED IN THE ANGLE THAT ALLOWS FOR THE LEAST AMOUNT OF VISIBILITY THROUGH THE GRILLE BY THE BUILDING OCCUPANTS.
35. PROVIDE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS TO ALLOW ADEQUATE ROOM FOR MAINTENANCE OF MECHANICAL EQUIPMENT AND FIRE DAMPERS. PROVIDE LABEL ON ACCESS DOOR INDICATED THE EQUIPMENT.
36. KITCHEN GREASE EXHAUST DUCTS: GREASE DUCTS SHALL BE DOUBLE WALL WITH ZERO CLEARANCE TO COMBUSTIBLES, REFER TO SPECIFICATIONS. ALL HORIZONTAL GREASE DUCTS SHALL SLOPE BACK TO THE HOOD AT 1/4" PER FOOT. ALL ELBOWS SHALL BE 1.5 DIAMETER SMOOTH RADIUS SMOOTH ELBOWS. GREASE DUCTS SHALL HAVE ACCESS DOORS IN ALL LOCATIONS REQUIRED BY NFPA 96.

MECHANICAL LEGEND

GENERAL SYMBOLS

- XXX-## — MECHANICAL EQUIPMENT MARK (SEE ABBREVIATION LIST AND SCHEDULES)
- (X) — KEYED NOTE
- CONNECT TO EXISTING
- (X) — REVISION NUMBER
- (T) THERMOSTAT
- (H) HUMIDISTAT
- (S) SENSOR
- (C) CONTROLLER
- (F) FAN CONTROLLER
- (H) HEATER CONTROLLER
- (CO2) CARBON DIOXIDE SENSOR
- (P) ROOM PRESSURE SENSOR
- (SP) STATIC PRESSURE SENSOR
- (DP) DIFFERENTIAL PRESSURE SENSOR
- X / M-XXX — DETAIL REFERENCE; INDICATES THE DETAIL NUMBER; INDICATES THE DRAWING SHEET
- X / M-XXX — SECTION REFERENCE; INDICATES THE SECTION NUMBER; INDICATES THE DRAWING SHEET

PIPE SYMBOLS

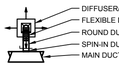
- ELBOW DOWN
- ELBOW UP
- TEE UP
- TEE DOWN
- EXXX — EXISTING LINE (XX = SYSTEM)
- DEMOXX — DEMO LINE (XX = SYSTEM)
- D — CONDENSATE DRAIN LINE
- S — REFRIGERANT SUCTION LINE
- L — REFRIGERANT LIQUID LINE
- S/L — REFRIGERANT SUCTION AND LIQUID LINE (SHOWN SINGLE LINE FOR CLARITY)
- S/S/L — REFRIGERANT SUCTION, LIQUID, AND HOT GAS LINES (SHOWN SINGLE LINE FOR CLARITY)
- CWS — CHILLED WATER SUPPLY LINE
- CWR — CHILLED WATER RETURN LINE
- HWS — HEATING WATER SUPPLY LINE
- HWR — HEATING WATER RETURN LINE
- # STM — STEAM LINE (PSI)
- SCR — STEAM CONDENSATE RETURN LINE
- BALL VALVE
- FLOW DIRECTION

DUCT SYMBOLS

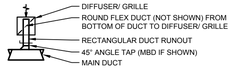
DIFFUSER/ GRILLE LABEL

X-#	AIR DISTRIBUTION MARK
X"	NECK SIZE
###	AIRFLOW - CFM (IF NO CFM IS LISTED, THEN BALANCING IS NOT REQUIRED FOR THAT DEVICE)

ROUND DUCT CONNECTION TO DIFFUSER/ GRILLE



RECTANGULAR DUCT CONNECTION TO DIFFUSER/ GRILLE



- M — MOTORIZED DAMPER
- FD — 1.5 HOUR FIRE DAMPER (VERTICAL)
- FSD — 1.5 HOUR COMBINATION FIRE SMOKE DAMPER (VERTICAL)
- FD — 1.5 HOUR FIRE DAMPER (HORIZONTAL)
- FSD — 1.5 HOUR COMBINATION FIRE SMOKE DAMPER (HORIZONTAL)
- EXISTING DUCTWORK
- EXISTING DIFFUSER/ GRILLE
- DEMO DUCTWORK
- DEMO DIFFUSER/ GRILLE
- SUPPLY AIRFLOW DIRECTION
- RETURN, EXHAUST, OR TRANSFER AIRFLOW DIRECTION
- SUPPLY DIFFUSER WITH PATTERN
- RETURN OR EXHAUST GRILLE
- RETURN GRILLE WITH LINED BOOT
- SUPPLY DUCT - CROSS SECTION
- EXHAUST DUCT - CROSS SECTION
- RETURN DUCT - CROSS SECTION
- X x X — RECTANGULAR DUCT (WIDTH" X HEIGHT")
- X"Ø — ROUND DUCT (DIAMETER")
- X / X — FLAT OVAL DUCT (MAJOR AXIS" X MINOR AXIS")
- X x X — EXTERIOR RECTANGULAR DUCT
- X"Ø — DOUBLE WALL SPIRAL ROUND DUCT
- X / X — DOUBLE WALL SPIRAL FLAT OVAL DUCT
- MANUAL BALANCING DAMPER
- DUCT TRANSITION, 45° ANGLE
- DUCT TRANSITION, 45° ANGLE RECTANGULAR TO ROUND
- MITERED ELBOW WITH TURNING VANES
- MITERED ELBOW WITHOUT TURNING VANES
- RADIUS ELBOW, 1.5 x DIAMETER RADIUS

MECHANICAL ABBREVIATIONS

AC	AIR CONDITIONER	FCU	FAN COIL UNIT	NC	NOISE CRITERIA
AFF	ABOVE FINISHED FLOOR	FCU	FURNACE AND COIL UNIT	NEC	NATIONAL ELECTRICAL CODE
AHJ	AUTHORITY HAVING JURISDICTION	FD	FIRE DAMPER	NEMA	NATIONAL ELECTRICAL MANUFACTURERS
AHU	AIR HANDLING UNIT	FDD	FABRIC DUCT DIFFUSER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	FPB	FAN POWERED BOX	NTS	NOT TO SCALE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	FPM	FEET PER MINUTE		
		FT	FEET	OA	OUTSIDE AIR
B	BOILER			OBD	OPPOSED BLADE DAMPER
BAS	BUILDING AUTOMATION SYSTEM	GPM	GALLON PER MINUTE	OHP	OUTDOOR HEAT PUMP
BTU	BRITISH THERMAL UNIT	GUH	GAS-FIRED UNIT HEATER	OU	OUTDOOR UNIT
BOD	BOTTOM OF DUCT				
BOP	BOTTOM OF PIPE	H	HUMIDIFIER	P	PUMP
BTUH	BRITISH THERMAL UNIT PER HOUR	HP	HEAT PUMP	PD	PRESSURE DROP
BHP	BRAKE HORSEPOWER	HP	HORSEPOWER	PH	PHASE
		HRB	HEAT RECOVERY BOX	PH	PATIO HEATER
C	CHILLER	HSPF	HEATING SEASONAL PERFORMANCE FACTOR	PVC	POLY VINYL CHLORIDE
CD	CONDENSATE DRAIN	HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	PRV	PRESSURE REDUCING VALVE
CFM	CUBIC FEET PER MINUTE	HVLS	HIGH VOLUME LOW SPEED FAN	PSI	POUNDS PER SQUARE INCH
CH	CEILING HEATER	HWP	HEATING WATER PUMP		
CO	CARBON MONOXIDE	HWS	HEATING WATER SUPPLY	RA	RETURN AIR
CO2	CARBON DIOXIDE	HWR	HEATING WATER RETURN	RH	RELATIVE HUMIDITY (%)
COP	COEFFICIENT OF PERFORMANCE			RH	RADIANT HEATER
CRP	CONDENSATE RETURN PUMP	IBC	INTERNATIONAL BUILDING CODE	RH	RANGE HOOD
CT	COOLING TOWER	IMC	INTERNATIONAL MECHANICAL CODE	RH	ROOF HOOD
CU	CONDENSING UNIT	IHP	INDOOR HEAT PUMP	RPM	REVOLUTIONS PER MINUTE
CV	CONSTANT VOLUME	IN	INCHES	RTU	ROOFTOP UNIT
CWP	CHILLED WATER PUMP	INWC	INCHES OF WATER COLUMN	RV	RETURN AIR VALVE
CWS	CHILLED WATER SUPPLY	IU	INDOOR UNIT		
CWR	CHILLED WATER RETURN			S	SUCTION (REFRIGERANT)
		KEF	KITCHEN EXHAUST FAN	SA	SUPPLY AIR
D	DRAIN	KEH	KITCHEN EXHAUST HOOD	SCR	STEAM CONDENSATE RETURN
dB	DECIBEL (SOUND)	KSF	KITCHEN SUPPLY FAN	SEER	SEASONAL ENERGY EFFICIENCY RATIO
DB	DRY BULB	KW	KILOWATT	SP	STATIC PRESSURE
DDC	DIRECT DIGITAL CONTROL			SQFT	SQUARE FEET
DEMO	DEMOLITION	L	LOUVER	S.S.	STAINLESS STEEL
DOAS	DEDICATED OUTSIDE AIR UNIT	L	LIQUID (REFRIGERANT)	STM	STEAM
DP	DIFFERENTIAL PRESSURE	LAT	LEAVING AIR TEMPERATURE	SV	SUPPLY AIR VALVE
DX	DIRECT EXPANSION	LBS	POUNDS		
		LWT	LEAVING WATER TEMPERATURE	T	TEMPERATURE
EA	EXHAUST AIR				
EAT	ENTERING AIR TEMPERATURE	M	MOTORIZED	UH	UNIT HEATER
ECM	ELECTRONICALLY COMMUTATED MOTOR	MAX	MAXIMUM		
EER	ENERGY EFFICIANTCY RATIO	MAU	MAKEUP AIR UNIT	V	VOLTS
EF	EXHAUST FAN	MBD	MANUAL BALANCING DAMPER	VAV	VARIABLE AIR VOLUME
ELEC	ELECTRICAL	MBH	THOUSAND BTUH	VFD	VARIABLE FREQUENCY DRIVE
ERV	ENERGY RECOVERY VENTILATION UNIT	MCA	MINIMUM CURRENT AMPACITY	VRF	VARIABLE REFRIGERANT FLOW
ESP	EXTERNAL STATIC PRESSURE	MIN	MINIMUM		
EUH	ELECTRIC UNIT HEATER	MOCP	MAXIMUM OVER CURRENT PROTECTION	WB	WET BULB
EV	EXHAUST AIR VALVE	MS	MINI SPLIT UNIT	WSHP	WATER SOURCE HEAT PUMP
EWT	ENTERING WATER TEMPERATURE			W/	WITH
EX	EXISTING			W/O	WITHOUT

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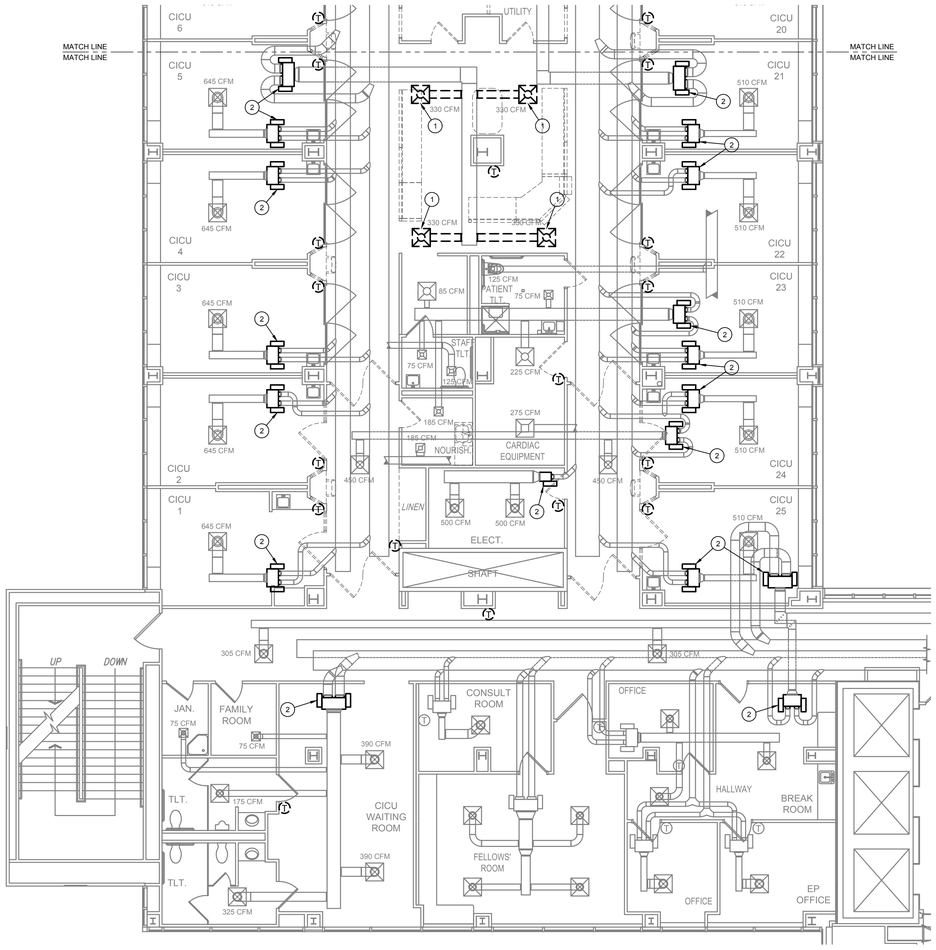
UNIVERSITY MEDICAL CENTER
6TH FLOOR CV/CICU RENOVATION
PROPOSAL ITEM #1
602 INDIANA AVENUE
LUBBOCK, TX 79415

REVISIONS:

PROJECT NO. 22307
DATE: 05/01/2025

SHEET NO.
M0

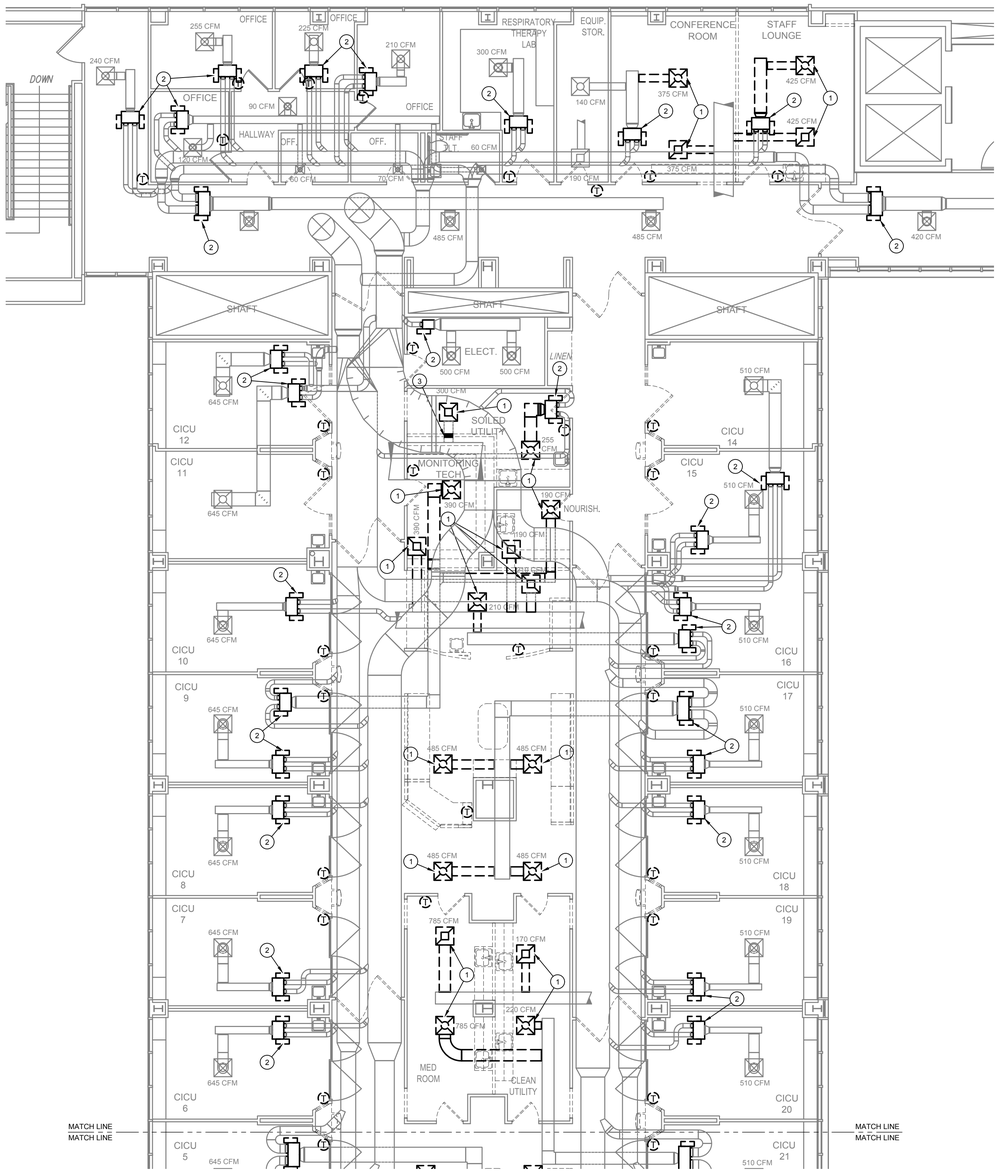
1 OF 4



1/M1 PARTIAL SIXTH FLOOR PLAN - SOUTH - MECHANICAL DEMOLITION

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

NORTH



2/M1 PARTIAL SIXTH FLOOR PLAN - NORTH - MECHANICAL DEMOLITION

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

NORTH

GENERAL NOTES

A. REFER TO SHEET M0 FOR ALL GENERAL NOTES APPLICABLE TO THIS SHEET.

DEMOLITION KEYED NOTES

1. REMOVE EXISTING CEILING DIFFUSER/ GRILLE SHOWN DASHED, EXISTING AIRFLOW SHOWN FOR REFERENCE ONLY. MODIFY EXISTING DUCT RUNOUT TO BE REUSED IF REQUIRED.
2. UNDER ALTERNATE BID #3 : REMOVE EXISTING PNEUMATIC VAV BOX, SHOWN DASHED, AND ASSOCIATED THERMOSTAT. MAINTAIN EXISTING INLET AND OUTLET DUCTWORK TO CONNECT TO NEW DDC VAV BOX IN SAME LOCATION.
3. REMOVE EXISTING FIRE SMOKE DAMPER.

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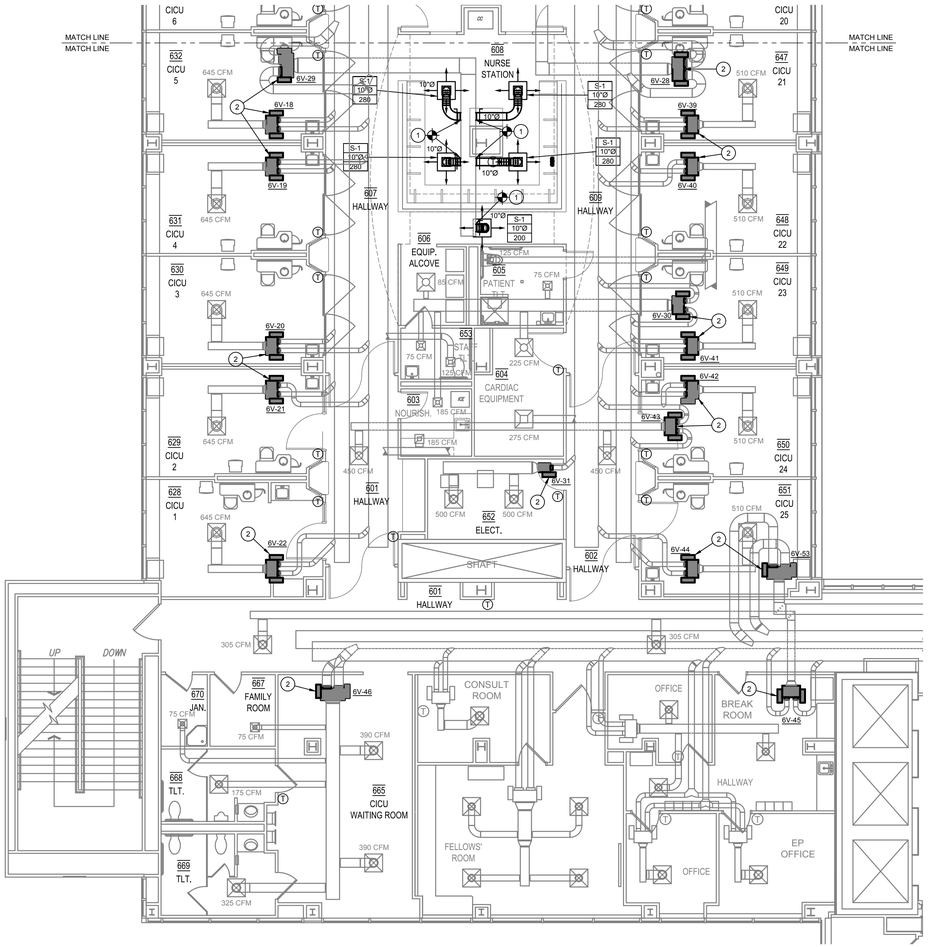
602 INDIANA AVENUE
LUBBOCK, TX 79415

REVISIONS:

PROJECT NO. 22307
DATE: 05/01/2025

SHEET NO.
M1

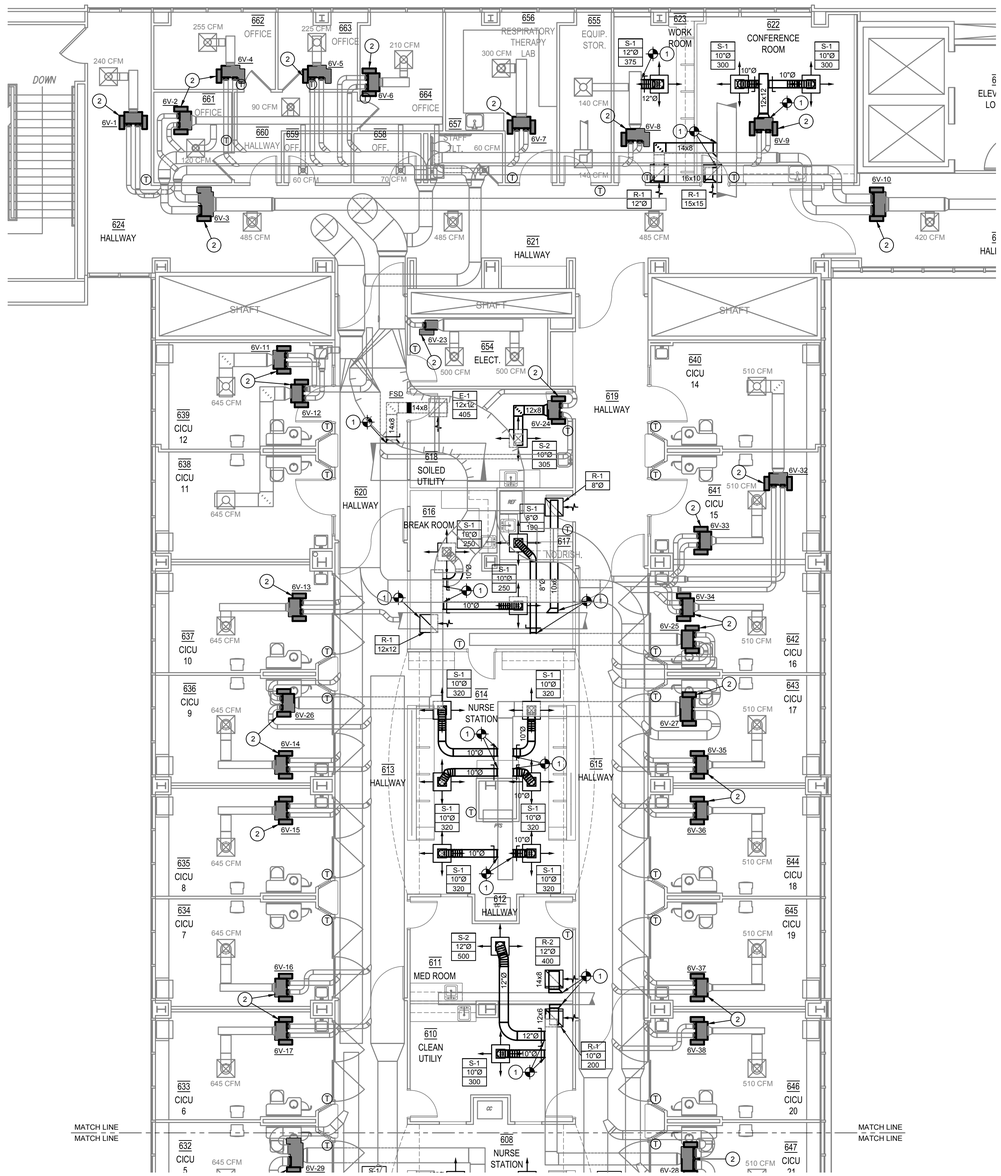
2 OF 4



1/M2 PARTIAL SIXTH FLOOR PLAN - SOUTH - MECHANICAL

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

NORTH



2/M2 PARTIAL SIXTH FLOOR PLAN - NORTH - MECHANICAL

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

NORTH

GENERAL NOTES

A. REFER TO SHEET M0 FOR ALL GENERAL NOTES APPLICABLE TO THIS SHEET.

KEYED NOTES

1. CONNECT NEW DUCTWORK OR DIFFUSER/ GRILLE TO EXISTING DUCTWORK AT THIS POINT, PROVIDE DUCT TRANSITION AS REQUIRED.
2. UNDER ALTERNATE BID #3 : PROVIDE NEW VAV BOX LOCATED IN SAME LOCATION AS REMOVED VAV BOX. MODIFY INLET AND OUTLET DUCTWORK AND PROVIDE TRANSITIONS AS REQUIRED TO MATCH UNIT CONNECTION SIZES. PROVIDE NEW DIGITAL THERMOSTAT IN PLACE OF EXISTING PNEUMATIC THERMOSTAT. BALANCE NEW VAV BOX AND ALL CONNECT DIFFUSERS TO AIRFLOWS LISTED ON PLANS.

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UNIVERSITY MEDICAL CENTER
6TH FLOOR CV/CICU RENOVATION
PROPOSAL ITEM #1

602 INDIANA AVENUE
LUBBOCK, TX 79415

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SHEET NO.

M2

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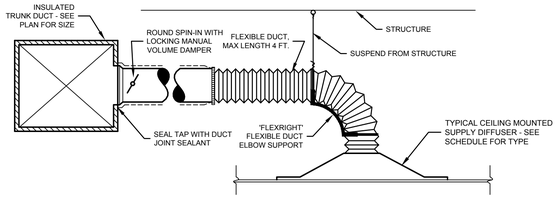
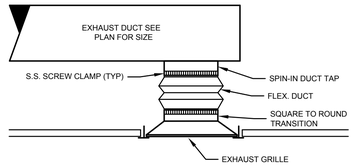


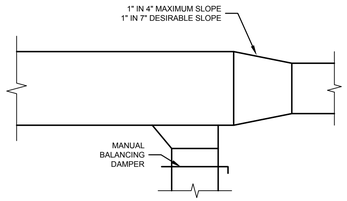
SUPPLY AIR DIFFUSER MOUNTING DETAIL
NO SCALE

NOTE: CONNECTIONS OF FLEX DUCT INNER CORE SHALL BE MADE WITH S.S. WORM DRIVE CLAMPS. OUTER INSULATION SHALL BE FITTED OVER CORE CONNECTION AND SECURED WITH S.S. CLAMP.

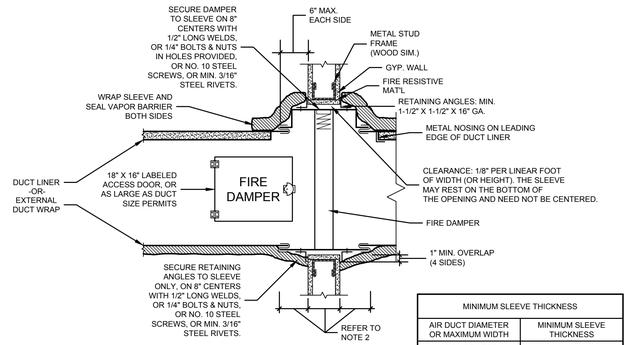


TYPICAL EXHAUST GRILLE CONNECTION DETAIL
NO SCALE

NOTE: CONNECTIONS OF FLEX DUCT INNER CORE SHALL BE MADE WITH S.S. WORM DRIVE CLAMPS. OUTER INSULATION SHALL BE FITTED OVER CORE CONNECTION AND SECURED WITH S.S. CLAMP.



ANGLE TAP DETAIL
NO SCALE



MINIMUM SLEEVE THICKNESS	
AIR DUCT DIAMETER OR MAXIMUM WIDTH	MINIMUM SLEEVE THICKNESS
12 IN. OR LESS	0.018 IN. (26 GA.)
13 IN. - 30 IN.	0.024 IN. (24 GA.)
31 IN. - 54 IN.	0.030 IN. (22 GA.)
55 IN. - 84 IN.	0.036 IN. (20 GA.)
85 IN. OR MORE	0.047 IN. (18 GA.)

VERTICAL FIRE DAMPER STYLE "B" INSTALLATION
NO SCALE

NOTES:
1. REFER TO SPECIFICATIONS FOR IDENTIFICATION OF DUCT TO BE LINED OR WRAPPED. IF LINED, PROVIDE WRAP ON BOTH SIDES OF SLEEVE AND SEAL VAPOR BARRIER AS SHOWN.
2. VERIFY WALL THICKNESS AND INCREASE SLEEVE LENGTH IF REQUIRED.
3. INSTALLATION SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS TO MAINTAIN UL LISTING.

DUAL DUCT VAV BOX SCHEDULE (ALTERNATE #3)

MARK	BASIS OF DESIGN		COOLING MAX CFM	HEATING MAX CFM	MINIMUM CFM	COLD INLET SIZE	HOT INLET SIZE	ESP
	MANUFACTURER	MODEL						
6V-1	TITUS	DEDV	240	180	120	6"Ø	6"Ø	0.5"
6V-2	TITUS	DEDV	400	300	200	7"Ø	6"Ø	0.5"
6V-3	TITUS	DEDV	1,455	1,090	725	12"Ø	10"Ø	0.5"
6V-4	TITUS	DEDV	255	190	125	6"Ø	5"Ø	0.5"
6V-5	TITUS	DEDV	225	170	110	6"Ø	5"Ø	0.5"
6V-6	TITUS	DEDV	210	160	105	6"Ø	5"Ø	0.5"
6V-7	TITUS	DEDV	300	225	150	6"Ø	5"Ø	0.5"
6V-8	TITUS	DEDV	515	385	260	7"Ø	6"Ø	0.5"
6V-9	TITUS	DEDV	600	450	300	8"Ø	7"Ø	0.5"
6V-10	TITUS	DEDV	1,260	945	630	12"Ø	10"Ø	0.5"
6V-11	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-12	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-13	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-14	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-15	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-16	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-17	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-18	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-19	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-20	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-21	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-22	TITUS	DEDV	645	480	325	8"Ø	7"Ø	0.5"
6V-23	TITUS	DESV	1,000	---	0	10"Ø	---	0.5"
6V-24	TITUS	DEDV	305	305	305	6"Ø	6"Ø	0.5"
6V-25	TITUS	DEDV	190	145	95	6"Ø	5"Ø	0.5"
6V-26	TITUS	DEDV	500	375	250	7"Ø	6"Ø	0.5"
6V-27	TITUS	DEDV	1,920	1,440	960	14"Ø	12"Ø	0.5"
6V-28	TITUS	DEDV	800	800	800	10"Ø	10"Ø	0.5"
6V-29	TITUS	DEDV	1,120	840	560	12"Ø	10"Ø	0.5"
6V-30	TITUS	DEDV	645	485	325	8"Ø	7"Ø	0.5"
6V-31	TITUS	DESV	1,000	---	0	10"Ø	---	0.5"
6V-32	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-33	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-34	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-35	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-36	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-37	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-38	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-39	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-40	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-41	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-42	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-43	TITUS	DEDV	450	335	225	7"Ø	6"Ø	0.5"
6V-44	TITUS	DEDV	510	380	255	7"Ø	6"Ø	0.5"
6V-45	TITUS	DEDV	610	460	305	8"Ø	6"Ø	0.5"
6V-46	TITUS	DEDV	1,430	1075	715	12"Ø	10"Ø	0.5"
6V-53	TITUS	DEDV	890	670	445	10"Ø	7"Ø	0.5"

NOTES:
A. ALL VAV BOXES LISTED IN THIS SCHEDULE SHALL BE PROVIDED UNDER BID ALTERNATE #3.
B. IF REQUIRED, CONTRACTOR TO PROVIDE TRANSITION FROM DUCT SIZE SHOWN ON PLANS TO SCHEDULED BOX SIZE.
C. PROVIDE ALL VAV BOXES WITH TITUS 'STERILOC' LINER.
D. INLET DUCT SIZE SHALL MATCH SCHEDULED VAV BOX SIZE UNLESS NOTED OTHERWISE ON PLANS WITH 6"Ø BEING MINIMUM DUCT SIZE.
E. ALL CONTROLS AND CONTROLS TRANSFORMER SHALL BE FACTORY MOUNTED. VAV BOX MANUFACTURER SHALL COORDINATE ALL REQUIREMENTS WITH JOHNSON CONTROLS PRIOR TO BID.

AIR DISTRIBUTION SCHEDULE

MARK	TYPE	BASIS OF DESIGN		FACE SIZE	LOCATION	FRAME (NOTE C)	FINISH	MATERIAL	MAX NC	MAX PD	DAMPER	PATTERN	DESCRIPTION
		MANUFACTURER	MODEL										
S-1	SUPPLY	TITUS	TDC	24x24	CEILING	TB	WHITE	STEEL	20	0.08"	NONE	4-WAY	SQUARE LOUVERED FACE DIFFUSER
S-2	SUPPLY	TITUS	TDC	24x24	CEILING	PF	WHITE	STEEL	20	0.08"	NONE	4-WAY	SQUARE LOUVERED FACE DIFFUSER
R-1	RETURN	TITUS	PAR	24x24	CEILING	TB	WHITE	STEEL	25	0.09"	NONE	PERFORATED	SQUARE PERFORATED GRILLE
R-2	RETURN	TITUS	PAR	24x24	CEILING	PF	WHITE	STEEL	25	0.09"	NONE	PERFORATED	SQUARE PERFORATED GRILLE
E-1	EXHAUST	TITUS	PAR	24x24	CEILING	PF	WHITE	STEEL	25	0.09"	NONE	PERFORATED	SQUARE PERFORATED GRILLE

NOTES:
A. BORDER TYPES AND MOUNTING REQUIREMENTS SHALL BE COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLAN.
B. PROVIDE TRANSITIONS (INCLUDING SQUARE TO ROUND) WHERE REQUIRED TO TRANSITION FROM DUCT SIZE SHOWN TO AIR DEVICE NECK SIZE.
C. MOUNTING AND FRAMING NOTES:
- TB = LAY-IN DEVICE FOR INSTALLATION IN LAY-IN CEILINGS
- PF = LAY-IN DEVICE WITH MOUNTING FRAME FOR HARD CEILINGS EQUAL TO TITUS RAPID MOUNT FRAME
- DM = AIR DEVICE MOUNTED DIRECTLY TO DUCT OR DUCT TAP AS SHOWN ON DRAWING.
- SM = SURFACE MOUNT FOR MOUNTING DIRECTLY TO CEILING OR SIDEWALL.
- SP = CURVED FACE DIFFUSER/GRILLE FOR MOUNTING DIRECTLY TO SPIRAL DUCTWORK.

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M3

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PLUMBING GENERAL NOTES

1. THESE DRAWINGS HAVE BEEN PRODUCED WITH LIMITED INFORMATION ABOUT THE EXISTING BUILDING AND THE EXISTING PLUMBING SYSTEMS. THE EXISTING INFORMATION MAY BE LIMITED TO SITE SURVEYS PERFORMED BY THE ENGINEER AND/OR EXISTING AS-BUILT DRAWINGS. THE EXISTING PLUMBING SYSTEMS SHOWN ON THE DRAWINGS ARE DETAILED WITH THE BEST ACCURACY KNOWN BY THE ENGINEER AT THE TIME OF THE PROJECT, AND MAY NOT REFLECT THE ACTUAL EXISTING CONDITIONS ON SITE. THE CONTRACTOR SHALL ADJUST THE NEW INSTALLATION AS NEEDED TO ADAPT TO THE ACTUAL CONDITIONS, AND SHALL NOTIFY THE ARCHITECT OF ANY MAJOR DISCREPANCIES.
2. VERIFY THE EXACT LOCATION OF ALL EXISTING EQUIPMENT AND PIPING AT JOBSITE. CONTRACTOR SHALL WALK THE SITE AND BECOME FAMILIAR WITH ALL EXISTING SYSTEMS AND INSTALLATIONS. CONTRACTOR SHALL TAKE CARE TO PROTECT ALL OPERATIONAL SYSTEMS. ANY EXISTING SYSTEMS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR.
3. FOR ALL ITEMS SHOWN TO BE REMOVED, REMOVE ALL ASSOCIATED ITEMS INCLUDING HANGERS, SUPPORTS, PIPE RUNOUTS, ELECTRICAL WIRING, CONTROL WIRING, ECT. THE OVERALL INTENT OF THE DEMOLITION SHALL BE TO CLEAN UP THE EXISTING AREA AS MUCH AS POSSIBLE OF OLD ITEMS THAT ARE NO LONGER BEING UTILIZED FOR THE NEW SCOPE OF WORK.
4. CONTRACTOR SHALL COORDINATE ALL PLUMBING DISCONNECTIONS AND INTERRUPTIONS WITH BUILDING OWNER. ANY SHUT DOWNS OF EXISTING SYSTEMS THAT ARE REQUIRED SHALL BE COORDINATE WITH THE BUILDING OWNER MINIMUM 7 DAYS IN ADVANCE, AND SHALL BE DONE TO MINIMIZE THE DISTURBANCE TO THE BUILDING OCCUPANTS.
5. VERIFY EXACT SCHEDULE AND PHASING OF PROJECT WITH THE ARCHITECT.
6. THE BUILDING OWNER SHALL RETAIN THE FULL RIGHTS OF SALVAGE FOR ALL PLUMBING EQUIPMENT INDICATED TO BE REMOVED. THE CONTRACTOR SHALL COORDINATE WITH OWNER ON ALL SALVAGED ITEMS. THE CONTRACTOR SHALL DELIVER THESE PIECES OF EQUIPMENT TO A LOCATION AS DIRECTED BY THE OWNER. FOR ALL ITEMS THAT THE OWNER DOES NOT SALVAGE, THE CONTRACTOR SHALL DISPOSE OF OFF SITE AS REQUIRED.
7. SEAL PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS AND ROOFS WHERE MECHANICAL COMPONENTS ARE REMOVED AND WHERE THE EXISTING PENETRATION IS NOT USED FOR THE NEW INSTALLATION. REPAIR DAMAGED SURFACES TO MATCH ADJACENT AREAS OR AS INDICATED ON THE ARCHITECTURAL DRAWINGS. INSTALL PERMANENT CAPS PIPING IS REMOVED AND THE EXISTING TAPS ARE NOT USED FOR THE NEW INSTALLATION.
8. INSPECT EXISTING EQUIPMENT TO REMAIN TO VERIFY THAT EQUIPMENT IS OPERATING PROPERLY. NOTIFY OWNER OF DAMAGED AND/OR MALFUNCTIONING COMPONENTS.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THESE PLANS AND SPECIFICATIONS IN ADDITION TO THE RELATED MECHANICAL, ELECTRICAL, STRUCTURAL, ARCHITECTURAL, AND CIVIL ENGINEERING DRAWINGS TO BECOME FAMILIAR WITH THE ENTIRE SCOPE OF THE PROJECT. IN ADDITION, THE CONTRACTOR MUST COORDINATE WITH THE OWNER OR OWNER'S REPRESENTATIVE TO FULLY UNDERSTAND ALL REQUIREMENTS WHICH MAY NOT BE SPECIFIED HEREIN AND WHICH THE OWNER MAY CONSIDER PART OF THIS CONTRACT. DURING THE COURSE OF CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO WORK CLOSELY WITH ALL ACCOMPANYING CONTRACTORS AND TRADESMEN IN ORDER TO ENSURE A SMOOTH RUNNING AND CAREFULLY COORDINATED INSTALLATION.
10. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, NATIONAL, CITY, STATE, AND ANY LOCAL ORDINANCES WHICH MAY BE IN EFFECT. ALL MATERIALS, INSTALLATION PROCEDURES, AND SYSTEM LAYOUTS SHALL BE APPROVED BY ALL APPLICABLE CODE ENFORCEMENT AUTHORITIES HAVING JURISDICTION, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PAY FOR ALL NECESSARY PERMITS AND APPROVALS FOR THIS WORK.
11. THE CONTRACTOR SHALL PROVIDED ALL NECESSARY COMPONENTS FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM FOR THE BUILDING OWNER. MATERIALS, EQUIPMENT OR LABOR NOT INDICATED, BUT WHICH CAN BE REASONABLY INFERRED TO BE NECESSARY FOR A COMPLETE INSTALLATION SHALL BE PROVIDED. THE DRAWINGS AND SPECIFICATIONS DO NOT UNDERTAKE TO INDICATE EVERY ITEM OF MATERIAL, EQUIPMENT OR LABOR REQUIRED TO PRODUCE A SAFE, COMPLETE AND PROPERLY OPERATING SYSTEM.
12. THE DRAWING SHEETS SHALL BE PRINTED USING THE CORRECT PAPER SIZE IN ORDER FOR ANY SCALED ITEMS TO BE ACCURATE. HOWEVER, THE CONTRACTOR SHALL NOT RELY ON THE SCALED DRAWINGS FOR EXACT MEASUREMENTS. THE LOCATIONS, ARRANGEMENT AND EXTENT OF EQUIPMENT, PIPING, DUCTWORK, AND ITEMS RELATED TO THE INSTALLATION OF THE PLUMBING WORK SHOWN ARE APPROXIMATE. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE.
13. ANY DISCREPANCIES OR INADEQUACIES WITHIN THESE BID DOCUMENTS OR BETWEEN THESE BID DOCUMENTS AND THE RELATED MECHANICAL, FIRE PROTECTION, ELECTRICAL, STRUCTURAL, ARCHITECTURAL, INTERIOR, AND CIVIL ENGINEERING DRAWINGS, OR BETWEEN THESE BID DOCUMENTS AND FIELD CONDITIONS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT, SHOULD THE CONTRACTOR REQUIRE FURTHER CLARIFICATION, AN RFI SHALL BE SUBMITTED FOR CLARIFICATION. WHERE CONFLICTS DO EXIST, THE PROJECT ENGINEER OF RECORD, THROUGH THE ARCHITECT, SHALL HAVE SOLE DISCRETION AND RIGHT TO PROVIDE INTERPRETATION OF INTENT OF THE CONTRACT DOCUMENTS AS REQUIRED. THIS INTERPRETATION SHALL SERVE TO DIRECT THE CONTRACTOR IN ACCORDANCE WITH THE IMPLIED INTENT OF THE CONSTRUCTION DOCUMENTS WITHOUT ADDITIONAL COST TO THE PROJECT.
14. THE CONTRACTOR SHALL PROVIDE THE BUILDING OWNER WITH A COMPLETE SET OF "AS BUILT" DRAWINGS SHOWING ALL FIELD MODIFICATIONS THAT DEVIATE FROM THE CONSTRUCTION SET OF PLANS AT THE COMPLETION OF THE PROJECT
15. CONTRACTOR SHALL COORDINATE EXACT UTILITY REQUIREMENTS WITH LOCAL UTILITY COMPANIES PRIOR TO BID AND INCLUDE ALL FEES REQUIRED FOR NEW UTILITY SERVICES TO BUILDING. ALL NEW SERVICES AND TAPS SHALL BE INSTALLED ACCORDING TO STANDARDS AND REQUIREMENTS OF THE LOCAL CITY. VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES AND PIPING AT THE JOBSITE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL UTILITIES PRIOR TO BID. SITE UTILITIES SHOWN ON DRAWING ARE SHOWN BASED ON INFORMATION PROVIDED TO ENGINEER AT THE TIME OF THE PROJECT.
16. ORDER OF PRECEDENCE SHALL BE OBSERVED IN LAYING OUT THE PIPE, DUCTWORK, MATERIAL, AND CONDUIT IN ORDER TO FIT THE MATERIAL INTO THE SPACE ABOVE THE CEILING AND IN THE CHASES AND WALLS. THE FOLLOWING ORDER SHALL GOVERN.
    1. ITEMS AFFECTING THE VISUAL APPEARANCE OF THE INSIDE OF THE BUILDING SUCH AS LIGHTING FIXTURES, DIFFUSERS, GRILLES, OUTLETS, PANELBOARDS, ETC. COORDINATE ALL ITEMS TO AVOID CONFLICTS AT THE SITE.
    2. LINES REQUIRING GRADE TO FUNCTION SUCH AS SEWERS, ROOF DRAINS AND CONDENSATE DRAINS.
    3. LARGE DUCTS AND PIPES WITH CRITICAL CLEARANCES.
    4. FIRE SPRINKLER LINES, CONDUIT, WATER LINES, AND OTHER LINES WHOSE ROUTING IS NOT CRITICAL AND WHOSE FUNCTION WOULD NOT BE IMPAIRED BY BENDS AND OFFSETS.
17. MOUNTING HEIGHT OF ALL PLUMBING FIXTURES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.
18. ALL PIPING TO BE CONCEALED IN CEILINGS, CHASES, AND FURRED SPACES UNLESS NOTED OTHERWISE.
19. REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR RUNOUT LINE SIZES TO INDIVIDUAL FIXTURES WHERE LINE SIZES ARE NOT INDICATED ON FLOOR PLAN.
20. PROVIDE POINT-OF-USE MIXING VALVE BELOW ALL LAVATORIES AND HAND SINKS AND SET TO PROVIDE MAXIMUM OF 100°F WATER TO HOT WATER SIDE OF ALL FAUCETS. VERIFY MOUNTING LOCATION OF MIXING VALVE WITH OWNER AND WITH ADA CLEARANCE. MIXING VALVE SHALL BE EQUAL TO BRADLEY S59.
21. DURING CONSTRUCTION, ALL FLOOR DRAINS AND OPEN ENDED PIPES SHALL BE COVERED TO PREVENT DEBRIS FROM GETTING INSIDE. THE CONTRACTOR SHALL ALSO PROVIDE TEMPORARY HEATING INSIDE THE BUILDING IF REQUIRED TO AVOID FREEZING OF WATER PIPING SYSTEMS.
22. HANDLE AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S AND SUPPLIER'S RECOMMENDATIONS AND IN A MANNER TO PREVENT DAMAGE TO MATERIALS DURING STORAGE AND HANDLING. REPLACE DAMAGED MATERIALS AS NEEDED AT NO ADDITIONAL COST TO THE OWNER. EQUIPMENT AND MATERIALS SHALL NOT BE INSTALLED UNTIL SUCH TIME AS THE ENVIRONMENTAL CONDITIONS OF THE JOB SITE ARE SUITABLE TO PROTECT THE EQUIPMENT OR MATERIALS. PVC PIPING SHALL NOT BE STORED IN THE DIRECT SUNLIGHT, PROVIDE TARPS OR SIMILAR MATERIAL AS NEEDED TO PROTECT PVC PIPING, EQUIPMENT OR MATERIALS DAMAGED, OR WHICH ARE SUBJECTED TO THESE ELEMENTS, ARE UNACCEPTABLE AND SHALL BE REMOVED FROM THE PREMISES AND REPLACED.
23. ROUTE PIPES PARALLEL AND PERPENDICULAR TO THE BUILDING STRUCTURE UNLESS OTHERWISE SHOWN ON PLANS. INSTALL ALL PIPING AS HIGH AS POSSIBLE WITHIN THE AVAILABLE SPACE. PLUMBING EQUIPMENT AND PIPES SHALL BE INDEPENDENTLY SUPPORTED FROM THE BUILDING STRUCTURE. INSTALL PIPES TO ALLOW FOR THE REMOVAL OF ALL CEILING TILES, REFER TO ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE AS REQUIRED TO AVOID CONFLICTS.
24. MAINTAIN MINIMUM 15'-0" SEPARATION BETWEEN OUTSIDE AIR INTAKES AND ALL EXHAUST FANS, FLUES, AND PLUMBING VENTS.
25. PROVIDE P-TRAP AND CONDENSATE DRAIN LINE AT ALL UNITS, REFER TO DETAILS AND SPECIFICATIONS. CONDENSATE DRAINS SHALL BE ROUTED TO THE NEAREST APPROVED MOP SINK, FLOOR SINK, FLOOR DRAIN, OR OTHER APPROVED RECEPTOR WITH AN INDIRECT CONNECTION AS SHOWN ON PLANS. CONDENSATE SHALL NOT BE ALLOWED TO DRAIN ONTO ANY WALKWAY AREA THAT WOULD CAUSE A NUISANCE.
26. PIPING IS SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE EXACT ROUTING OF PIPING AT JOBSITE. PROVIDE ALL REQUIRED OFFSETS AND ELBOWS AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM. CONTRACTOR SHALL UTILIZE THE STRAIGHTEST PIPE ROUTING PATH POSSIBLE TO MINIMIZE UNNECESSARY PRESSURE DROP WITHIN THE SYSTEM.
27. ALL PIPE PENETRATIONS THROUGH WALLS, CEILINGS, FLOORS, AND ROOFS SHALL BE FULLY SEALED APPROPRIATELY. INSTALL SLEEVES FOR PIPING PENETRATIONS FOR RATED WALLS AND FLOORS. INSTALL CHROME PLATED ESCUTCHEONS FOR PIPING PENETRATIONS OF WALLS, CEILINGS, AND FLOORS THAT ARE OPENLY VISIBLE TO BUILDING OCCUPANTS.
28. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURE'S INSTRUCTIONS WITH PROPER SUPPORTS OR MOUNTING DEVICES. MAINTAIN MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES AROUND EQUIPMENT AT A MINIMUM. DO NOT ROUTE PIPING THROUGH THE SERVICE CLEARANCE AREAS. COORDINATE THESE REQUIREMENTS WITH ALL TRADES IN THE FIELD. ALL PIPING SHALL BE LABELED.
29. ANY COST INCURRED AS A RESULT OF VALUE ENGINEERING OR DEVIATIONS FROM THE BASIS OF DESIGN INDICATED IN THE CONTRACT DOCUMENTS (E.G. ELECTRICAL MODIFICATIONS TO ACCOMMODATE ALTERNATE EQUIPMENT SELECTIONS, DESIGN RELATED EXPENSES FOR REQUIRED DRAWING MODIFICATIONS, ETC.) SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO INCREASE IN CONTRACT COST WILL BE GRANTED UNLESS APPROVED IN WRITING BY THE OWNER. CONTRACT DOCUMENTS ARE DEFINED TO INCLUDE ALL DISCIPLINES AND DIVISIONS OF THE CONTRACT.
30. ALL INTERIOR EXPOSED PIPING AND EXTERIOR GAS PIPING SHALL BE PRIMED AND PAINTED AS DIRECTED BY ARCHITECT.
31. ALL GAS LINES INSTALLED ABOVE INACCESSIBLE CEILINGS OR IN CHASES/WALLS SHALL BE FULLY WELDED , JOINTS, VALVES, AND THREADED FITTINGS ARE NOT ACCEPTABLE IN THESE AREAS. PROVIDE PVC SLEEVE OF ALL THESE GAS LINES WITH 2" VENT FROM SLEEVE UP THRU ROOF TO 180 DEGREE ELBOW WITH INSECT SCREEN
32. PIPING SHALL NOT BE ROUTED THROUGH ELECTRICAL OR I.T. ROOMS, OR DIRECTLY ABOVE ELECTRICAL PANELS OR ELECTRICAL EQUIPMENT.
33. PROVIDE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS TO ALLOW ACCESS TO VALVES. PROVIDE LABEL ON ACCESS DOOR INDICATED THE EQUIPMENT.
34. ALL PIECES OF EQUIPMENT WITH INDIRECT WASTE LINES SHALL BE PROVIDE AS TYPE L COPPER PIPING AND EXTEND TO SPILL TO FLOOR SINK WITH 1" AIR GAP.
35. PROVIDE RPZ BACKFLOW PREVENTER AT WATER LINE CONNECTIONS TO ALL PIECES OF EQUIPMENT AS REQUIRED BY LOCAL JURISDICTION. ALL WATER LINE CONNECTIONS TO ICE MACHINES, SODA MACHINES, COFFEE MACHINES, AND NON-CARBONATED BEVERAGE DISPENSERS SHALL BE PROVIDED WITH SEPARATE RPZ IN WATER LINE AT EACH PIECE OF EQUIPMENT.
36. MEDICAL GAS LINES: REFER TO SPECIFICATIONS FOR MEDICAL GAS PIPING MATERIAL. SUPPORT ALL MEDICAL AIR, GAS, OXYGEN, AND VACUUM LINES WITH UNISTRUT SUPPORTS WITH PIPE CLAMPS EQUAL TO HYDRAZORB CUSH-A-CLAMP. ALL MEDICAL GAS LINES SHALL BE INSTALLED ACCORDING TO ALL REQUIREMENTS OF NFPA 99 CATEGORY 3 SYSTEMS. REFER TO ANY PROJECT SPECIFIC EQUIPMENT DRAWINGS FOR ADDITIONAL INSTALLATION REQUIREMENTS.

PLUMBING LEGEND

GENERAL SYMBOLS

- XXX-## — PLUMBING FIXTURE OR EQUIPMENT MARK (SEE ABBREVIATION LIST AND SCHEDULES)
- (X) — KEYED NOTE
- CONNECT TO EXISTING
- X — REVISION NUMBER
- X / P-XXX — DETAIL REFERENCE; INDICATES THE DETAIL NUMBER; INDICATES THE DRAWING SHEET

PIPE SYMBOLS

- ELBOW DOWN
- ELBOW UP
- TEE UP
- TEE DOWN
- BALL VALVE
- FLOW DIRECTION
- (M) METER
- (MB) VALVE IN BOX
- UNION
- CHECK VALVE
- GAS VALVE
- BALANCING VALVE
- STRAINER
- CO — CLEANOUT
- DCO — DOUBLE CLEANOUT
- WCO — WALL CLEANOUT
- HB — HOSE BIB
- FD — FLOOR DRAIN
- FS — FLOOR SINK
- BFP — BACKFLOW PREVENTER
- RPZ — REDUCED PRESSURE ZONE
- VTR — VENT THROUGH ROOF
- GR(___) — GAS REGULATOR, FROM 2 PSI TO OUNCE PRESSURE UNLESS NOTED OTHERWISE (GAS LOAD IN MBTUH)

PIPING SYSTEMS

- EXXX — EXISTING LINE (XX = SYSTEM)
- DEMOXX — DEMO LINE (XX = SYSTEM)
- DOMESTIC COLD WATER LINE
- DOMESTIC HOT WATER LINE
- DOMESTIC HOT WATER RECIRCULATION LINE
- CW — DOMESTIC COLD WATER LINE
- HW — DOMESTIC HOT WATER LINE
- HC — DOMESTIC HOT WATER RECIRCULATION LINE
- SS — SANITARY SEWER
- V — VENT LINE
- G — GAS LINE
- F — FIRE PROTECTION LINE
- GW — GREASE WASTE LINE
- D — DRAIN LINE
- CD — CONDENSATE DRAIN LINE
- CA — COMPRESSED AIR LINE
- MA — MEDICAL AIR LINE
- O — OXYGEN LINE
- NO — NITROUS OXIDE LINE
- VAC — VACUUM LINE
- WAGD — WASTE ANESTHESIA DISCHARGE LINE
- ESD — ELEVATOR SUMP DISCHARGE LINE
- RO — REVERSE OSMOSIS WATER LINE
- DI — DE-IONIZED WATER LINE
- RD — ROOF DRAIN LINE
- SD — STORM DRAIN LINE
- OD — OVERFLOW DRAIN LINE
- ORD — OVERFLOW ROOF DRAIN LINE

PLUMBING ABBREVIATIONS

AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BF	BOTTLE FILLER
BFC	BELOW FINISHED CEILING
BFP	BACKFLOW PREVENTER
BTU	BRITISH THERMAL UNIT
BOP	BOTTOM OF PIPE
BTUH	BRITISH THERMAL UNIT PER HOUR
CA	COMPRESSED AIR
CD	CONDENSATE DRAIN
CFH	CUBIC FEET PER HOUR
CO	CLEANOUT
CP	CONDENSATE PUMP
CPVC	CHLORINATED PVC
CU	CONDENSING UNIT
CW	DOMESTIC COLD WATER
D	DRAIN
DCO	DOUBLE CLEANOUT
DI	DE-IONIZED WATER
DEMO	DEMOLITION
ELEC	ELECTRICAL
ESD	ELEVATOR SUMP DISCHARGE
EWC	ELECTRIC WATER COOLER
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
F	FIRE
FCU	FAN COIL UNIT
FCU	FURNACE AND COIL UNIT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FPM	FEET PER MINUTE
FS	FLOOR SINK
FT	FEET
G	GAS
GAL	GALLONS
GPM	GALLON PER MINUTE
GR	GAS REGULATOR
GUH	GAS-FIRED UNIT HEATER
GW	GREASE WASTE
H	HUMIDIFIER
HB	HOSE BIBB
HC	DOMESTIC HOT WATER CIRCULATION
HD	HUB DRAIN
HP	HORSEPOWER
HW	DOMESTIC HOT WATER
HWCP	HOT WATER CIRCULATING PUMP
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
IMB	ICE MAKER BOX
IPC	INTERNATIONAL PLUMBING CODE
IN	INCHES
INWC	INCHES OF WATER COLUMN
KW	KILOWATT
L	LAVATORY
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
M	METER
M	MOTORIZED
MA	MEDICAL AIR
MAX	MAXIMUM
MB	MOP BASIN
MBH	THOUSAND BTUH
MCA	MINIMUM CURRENT AMPACITY
MECH	MECHANICAL
MIN	MINIMUM
MOCP	MAXIMUM OVER CURRENT PROTECTION
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO	NITROUS OXIDE
NTS	NOT TO SCALE
O	OXYGEN
OD	OUTSIDE DIAMETER
OD	OVERFLOW DRAIN
ORD	OVERFLOW ROOF DRAIN
P	PUMP
P	PRESSURE
PD	PRESSURE DROP
PH	PHASE
PEX	CROSS-LINKED POLYETHYLENE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PVC	POLY VINYL CHLORIDE
RB	REFRIGERATOR BOX
RD	ROOF DRAIN
RH	ROOF HYDRANT
RO	REVERSE OSMOSIS WATER
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE (BFP)
RTU	ROOFTOP UNIT
S	SINK
SD	STORM DRAIN
SQFT	SQUARE FEET
SS	SANITARY SEWER
S.S.	STAINLESS STEEL
T	TEMPERATURE
T&P	TEMPERATURE
U	URINAL
UH	UNIT HEATER
V	VENT
V	VOLTS
VAC	VACUUM
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT
WB	WASHER BOX
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER

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STATE OF TEXAS — JUSTIN M. FINCHER — 98476 — LICENSED PROFESSIONAL ENGINEER — 5-1-2025

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UNIVERSITY MEDICAL CENTER
6TH FLOOR CV/CICU RENOVATION
PROPOSAL ITEM #1

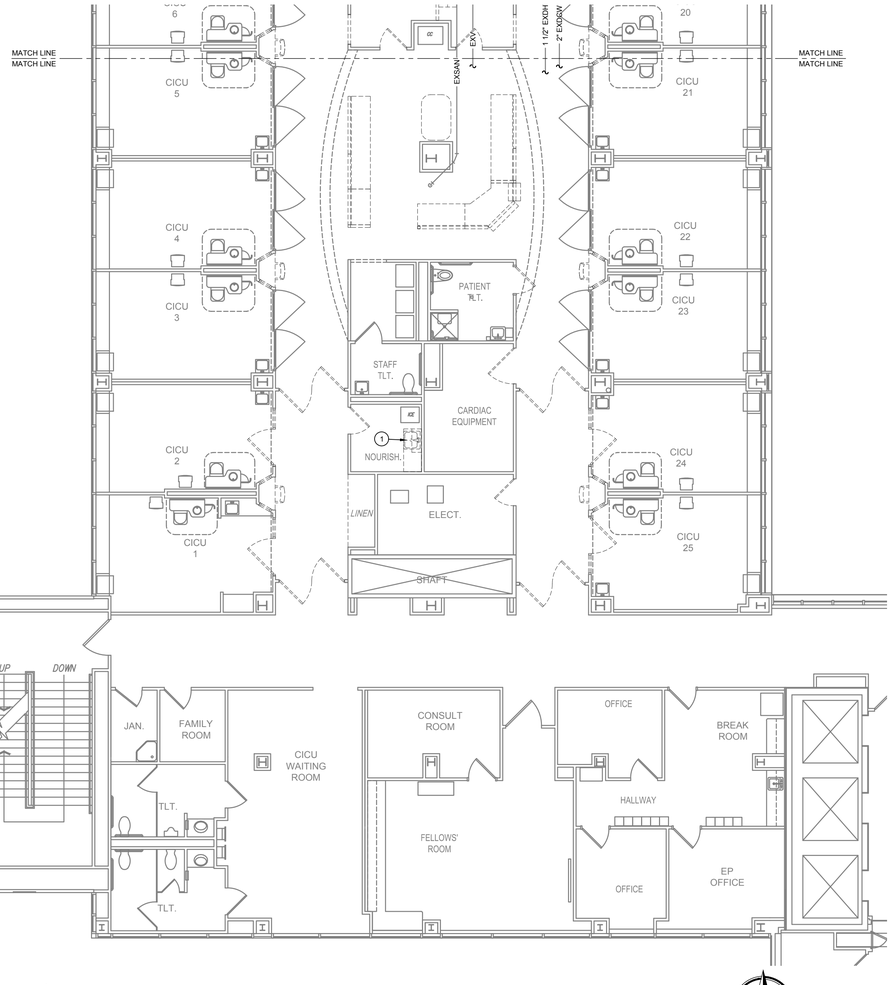
602 INDIANA AVENUE
LUBBOCK, TX 79415

REVISIONS:

PROJECT NO. 22307
DATE: 05/01/2025

SHEET NO.
P0

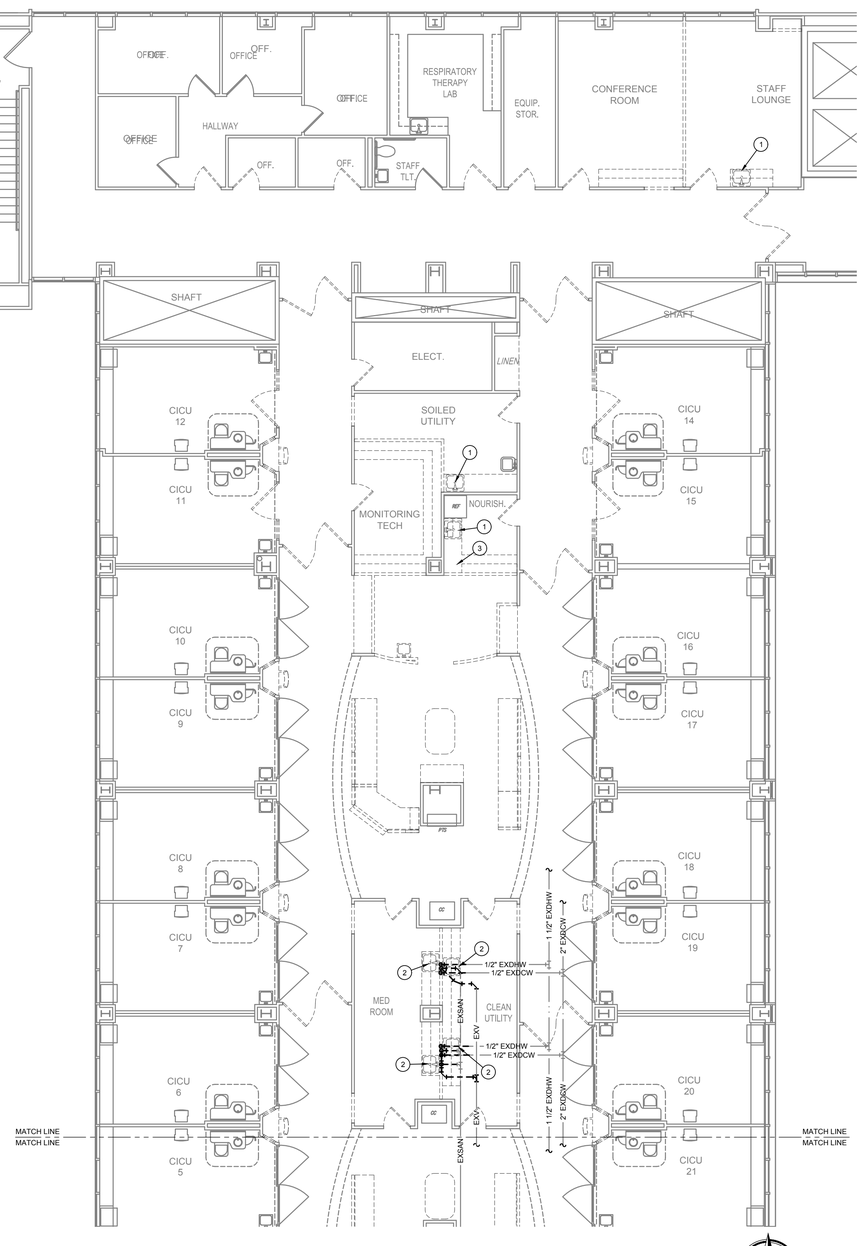
1 OF 4



1/P1 PARTIAL SIXTH FLOOR PLAN - SOUTH - PLUMBING - DEMOLITION

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

NORTH



2/P1 PARTIAL SIXTH FLOOR PLAN - NORTH - PLUMBING - DEMOLITION

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

NORTH

GENERAL NOTES

A. CONTRACTOR SHALL TAKE CARE TO PROTECT ALL OPERATIONAL SYSTEMS. ANY EXISTING SYSTEMS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR.

B. FOR ALL ITEMS SHOWN OR NOTED TO BE REMOVED, REMOVE ALL ASSOCIATED ITEMS INCLUDING ALL HANGERS, INSULATION, VALVES, ETC.

C. VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES, PLUMBING FIXTURES, AND PIPING AT THE JOBSITE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL UTILITIES PRIOR TO BID.

D. CONTRACTOR SHALL COORDINATE ALL PLUMBING DISCONNECTIONS AND INTERRUPTIONS WITH BUILDING OWNER. VERIFY EXACT SCHEDULE WITH ARCHITECT AND OWNER.

E. ALL EXISTING MEDICAL GAS PIPING, VALVES, ALARMS TO REMAIN AS EXISTING IN THIS FLOOR. CONTRACTOR SHALL REMOVE AND REPLACE ANY COVER PLATES OR TRIM PLATES AS REQUIRED TO ACCOMMODATE NEW WALL FINISHES, REFER TO ARCHITECTURAL.

KEYED NOTES

1. REMOVE EXISTING SINK. MODIFY EXISTING ROUGH-IN AS REQUIRED TO ACCOMMODATE NEW SINK AS SHOWN ON NEW WORK PLAN.
2. REMOVE EXISTING SINK. REMOVE WASTE, VENT, AND WATER LINES BACK AS REQUIRED AND MODIFY AS REQUIRED TO SERVE NEW FIXTURES IN THIS AREA AS SHOWN ON NEW WORK PLAN.
3. REMOVE EXISTING ICE MACHINE PLUMBING CONNECTIONS BACK TO ACTIVE MAINS AND CAP.

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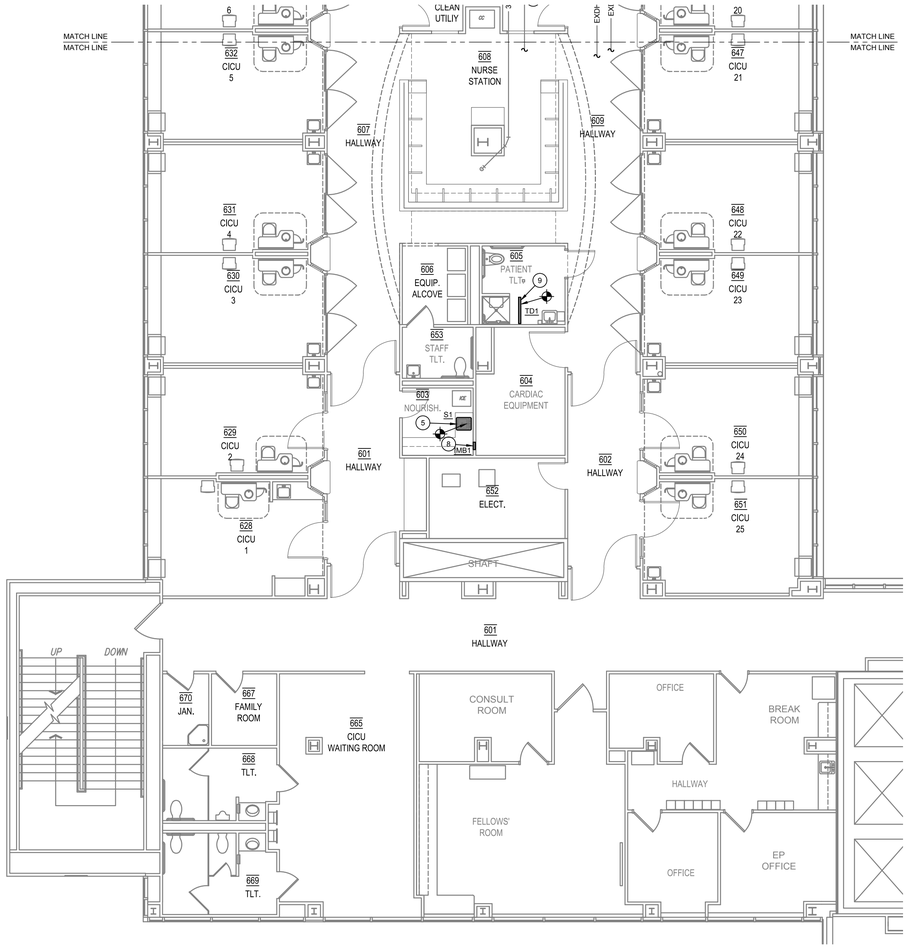
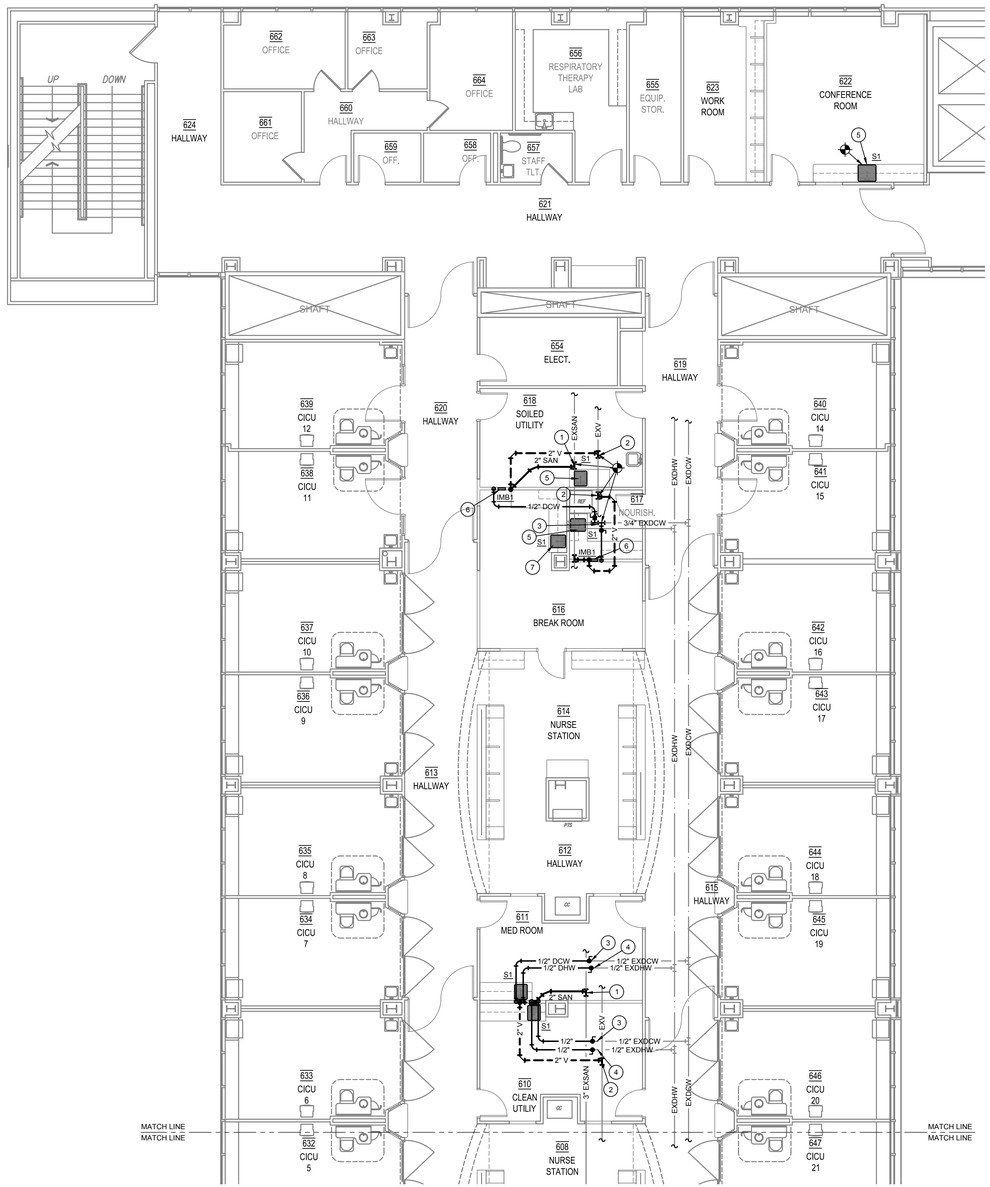


1/P2 PARTIAL SIXTH FLOOR PLAN - SOUTH - PLUMBING

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

NORTH



2/P2 PARTIAL SIXTH FLOOR PLAN - NORTH - PLUMBING

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

NORTH

FIRE SPRINKLER SYSTEM

A. THIS BUILDING IS CURRENTLY PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM. MODIFY EXISTING SYSTEM TO ACCOMMODATE FINISH OUT FLOOR PLAN AS REQUIRED BY NFPA 13.

B. PROVIDE NEW SPRINKLER HEADS IN ALL ROOM WITH NEW CEILINGS AND LOCATE CENTER OF CEILING TILE. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.

GENERAL NOTES

A. REFER TO SHEET P0 FOR ALL APPLICABLE GENERAL NOTES.

B. ALL EXISTING MEDICAL GAS PIPING, VALVES, ALARMS TO REMAIN AS EXISTING IN THIS FLOOR. CONTRACTOR SHALL REMOVE AND REPLACE ANY COVER PLATES OR TRIM PLATES AS REQUIRED TO ACCOMMODATE NEW WALL FINISHES, REFER TO ARCHITECTURAL.

KEYED NOTES

1. CONNECT NEW SEWER/WASTE LINE TO EXISTING SEWER/WASTE LINE IN THIRD FLOOR CEILING SPACE IN APPROXIMATELY THIS LOCATION. VERIFY EXACT LOCATION OF EXISTING LINE AT JOBSITE.
2. CONNECT NEW VENT LINE TO EXISTING VENT LINE IN CEILING SPACE IN APPROXIMATELY THIS LOCATION. VERIFY EXACT LOCATION OF EXISTING LINE AT JOBSITE.
3. CONNECT NEW COLD WATER LINE TO EXISTING COLD WATER LINE IN CEILING SPACE IN APPROXIMATELY THIS LOCATION. VERIFY EXACT LOCATION OF EXISTING LINE AT JOBSITE.
4. CONNECT NEW HOT WATER LINE TO EXISTING HOT WATER LINE IN CEILING SPACE IN APPROXIMATELY THIS LOCATION. VERIFY EXACT LOCATION OF EXISTING LINE AT JOBSITE.
5. INSTALL NEW SINK ON EXISTING MODIFIED ROUGH-IN. EXTEND PLUMBING LINES IN WALL AS REQUIRED.
6. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL ICE MACHINE WATER AND DRAIN BOXES PRIOR TO ROUGH-IN.
7. NEW SINK. EXTEND 2" WASTE, 2" VENT, 1/2" DCW AND 1/2" DHW LINES IN WALL TO CONNECT TO LINES SERVING ADJACENT SINK ON OTHER SIDE OF WALL.
8. NEW IMB1 WATER/DRAIN BOX IN WALL FOR COUNTER TOP COFFEE MAKER. EXTEND WASTE AND DCW LINES OVER IN WALL TO CONNECT TO LINES SERVING ADJACENT SINK. CUT, PATCH AND REPAIR EXISTING WALL AS DIRECTED BY ARCHITECT. REFER TO NOTE 6 ABOVE.
9. NEW TRENCH DRAIN TO SERVE EXISTING SHOWER IN PATIENT TOILET ROOM. EXTEND 2" WASTE AND 2" VENT LINES TO CONNECT TO EXISTING LINES SERVING EXISTING SHOWER DRAIN. PATCH FLOOR AS DIRECTED BY ARCHITECT.

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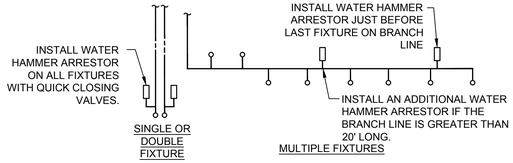


PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1-1/4"	61-113
E	1-1/2"	114-154
F	2"	154-330

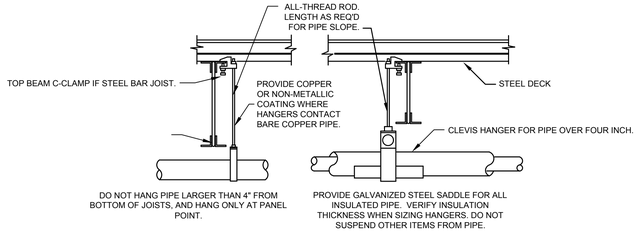
WATER SUPPLY FIXTURE UNIT (WSFU)		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	5	--
URINAL	4	--
LAVATORY/SINK	1.5	1.5
JANITOR'S SINK	3	3

COMMENTS:
1. WATER HAMMER ARRESTERS SHALL BE HAVE PISTON AND 0-RING CONSTRUCTION WITH PDI #WH-201, ASSE # 1010 AND ANSI # A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. SIZE THE UNITS AS SHOWN PER THE TABLES SHOWN ABOVE.

WATER HAMMER ARRESTER DETAIL
NO SCALE

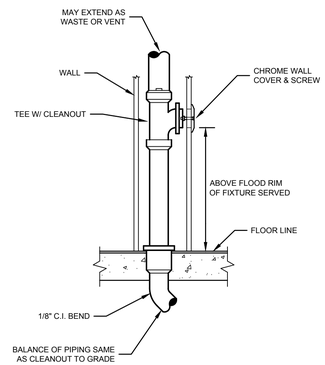
PLUMBING FIXTURE SCHEDULE

MARK	REFERENCE IMAGE	FIXTURE SPECIFICATION (FIXTURES ARE EXAMPLES ONLY, EQUAL FIXTURES FROM ALTERNATE MANUFACTURERS IS ACCEPTABLE. REFER TO SPECIFICATION FOR ACCEPTABLE MANUFACTURERS)	FIXTURE CONNECTIONS (RUNOUT LINE SIZES) CW	HW	SS	V
SINKS						
S1		Fixture: Elkay LRAD-1918, 19" x 18" x 6" deep, single compartment, off-center drain, 18 gage type 302 self rimming stainless steel with 2 holes. TAS compliant. Supply: T&S Brass B-2742, single lever side mounted remote on/off contral base faucet, ceramic cartridge, swivel gooseneck, 16" flexible stainless steel supply hoses and 2.2GPM aerator. TAS compliant. Strainer: McGuire 1151WC, adjustable brass offset sink strainer with 17 gauge seamless brass waste arm and tailpiece, cast brass slip nuts and heavy cast elbow. P-trap: McGuire 8912C-F P-trap shall be chrome plated cast brass body with cleanout, with 17 gauge seamless wall bend, slip nuts and Chrome Plated Forged Brass Set Screw Flange. Stops, risers: McGuire BV2165-F Supply kit shall include commercial pattern chrome plated Quarter-Turn Brass Ball Valve with convertible loose key handle, Chrome Plated copper riser and Chrome Plated Forged Brass Set Screw Flange. Protective Insulation: Plumberex X4333/X4114, Insulate per ADA 4.19.4 and or IBC all exposed lavatories drain piping, hot/cold stops and supplies. Protectors will consist of molded closed cell PVC, with anti-fungal and anti-microbial properties. To be one piece continuous smooth design.	1/2"	1/2"	2"	2"
WB1		Fixture: Guy Gray SSWB1 stainless steel washer box with quarter turn valves. Connect 1/2" cold water line to both valves and label both as cold water. Coordinate mounting height with Architect prior to rough in.	1/2" (x2)	1/2"	2"	2"
TD1		Zurn ZPT1 shallow stainless steel linear drain with membrane flange and drop in outlet. 3" width, 36" length. Low-profile, 1/2" deep, Type 304, 18 gauge fabricated stainless steel anti-ponding V-shaped channel with independent 2" No-Hub offset. Type 304, stainless steel drop-in bottom outlet, 12" long. Grate pattern selected by Arhcitect.	---	---	2"	2"



COMMENTS:
1. PROVIDE UPPER ATTACHMENT AS REQUIRED FOR CASES NOT SHOWN HERE. DO NOT INSTALL HANGER INSIDE INSULATION OR OTHERWISE PENETRATE VAPOR BARRIER. DO NOT HANG ONE PIPE FROM ANOTHER EXCEPT IN CHASES. TRAPEZE HANGERS MAY BE USED FOR MULTIPLE PARALLEL PIPES. SLOPE ALL WATER PIPING SLIGHTLY TOWARD DRAINABLE LOCATIONS. HANGER SPACING FOR PIPE SIZE: COPPER: 2"=9' 1½"=8' 1¼"=7' 1"=6' ¾"=6' ½"=5'. CAST IRON: 10' AND ONE NEAR ALL JOINTS. STEEL: 3"=12' 2½"=11' 2"=10' 1 ½"=9' 1"=7' ¾"=6' ½"=5'. LOCATE HANGERS AS CLOSE AS POSSIBLE TO TURNS AND TEES OF PIPE. PROVIDE SUPPLEMENTARY STEEL STRUTS BETWEEN JOISTS IF REQUIRED. LOCATE HANGERS TO TAKE LOAD OFF OF EQUIPMENT CONNECTIONS. ANCHOR WATER PIPE AGAINST SWAYING DUE TO CHANGES IN WATER VELOCITY. PROVIDE SEISMIC BRACING AS REQUIRED BY LOCAL AUTHORITIES. CHAINS OR PERFORATED STRAP IRON OR STEEL IS NOT ACCEPTABLE. DO NOT SUSPEND PIPE FROM JOIST BRACING MEMBERS. REFER TO CODES AND SPECIFICATIONS FOR FURTHER INFORMATION.

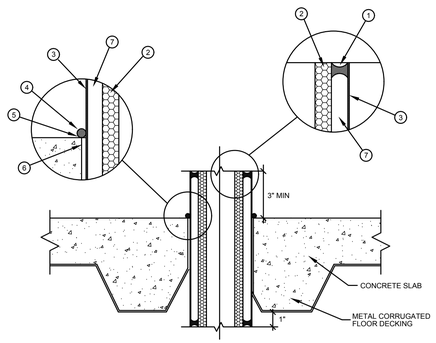
PIPE HANGER DETAIL
NO SCALE



WALL CLEANOUT DETAIL
NO SCALE

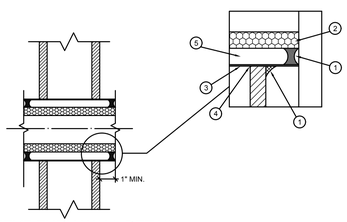
PLUMBING LEGEND

SYMBOL	DESCRIPTION
VTR	VENT THROUGH ROOF
	SANITARY SOIL LINE (SAN)
-DEMO-XXX-	DEMO PLUMBING LINE (XXX = SYSTEM INDICATED)
	SANITARY VENT LINE (V)
	COLD WATER LINE (DCW)
	HOT WATER LINE (DHW)
	HOT WATER RETURN LINE (DHC)
G	GAS LINE (G)
RO	REVERSE OSMOSIS WATER LINE (RO)
CA	COMPRESSED AIR LINE (CA)
MA	MEDICAL AIR LINE (MA)
N	NITROGEN LINE (N)
NO	NITROUS OXIDE LINE (NO)
O	OXYGEN LINE (O)
VAC	MEDICAL VACUUM LINE (VAC)
EXO	EXISTING OXYGEN
EXCA	EXISTING MEDICAL AIR
EXVAC	EXISTING MEDICAL VACUUM
EXNO	EXISTING NITROUS OXIDE
EXN	EXISTING NITROGEN
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
AD	ACCESS DOOR
SAN	SANITARY SOIL
V	SANITARY VENT
G	NATURAL GAS
DHC	DOMESTIC HOT WATER CIRCULATING
A.F.F.	ABOVE FINISHED FLOOR
B.F.C.	BELOW FINISHED CEILING
WCO	WALL CLEANOUT
CO	CLEANOUT
DCO	DOUBLE CLEANOUT
	BALL VALVE
	ELBOW TURNED DOWN
	ELBOW TURNED UP
	FLOW IN DIRECTION OF ARROW
WH/HB	WALL HYDRANT \ HOSE BIBB
FD/FS	FLOOR DRAIN/SINK
	UNION
	VALVE IN BOX
	CHECK VALVE
	GAS COCK
	CONNECT TO EXISTING



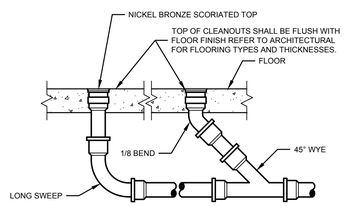
PIPE SLEEVE THRU FLOOR DETAIL
NO SCALE

PIPE SLEEVE THRU FLOOR DETAIL GENERAL NOTES
1. CAULK CONTINUOUS WITH 3M # 2000 FIRE PROOF 1/2" BEAD (MADE BY 3M COMPANY.)
2. CONTINUOUS INSULATION THROUGH FLOOR PENETRATION FOR PIPING THAT REQUIRES INSULATION.
3. 16 GA. PIPE MINIMUM FOR SLEEVES.
4. 1/4" COLD ROLL RING, WRAPPED AND WELDED. CLEAN JOINT, HEAVY CAULK BEAD SO THAT EXCESS CAULK CREATES A WATER REPELLANT JOINT.
5. CAULKED CONTINUOUS WITH VULKEM 116 POLYURETHANE SEALANT (MADE BY MAMECO INTERNATIONAL INC.)
6. HOLES WITLL BE CORED (DRY OR WET NO HAMMER DRILL PENETRATION. PENETRATIONS WILL FIT SNUG TO SLEEVE.
7. MAX. 1/4" ANNULAR SPACE BETWEEN INSULATION AND PIPE FOR NON INSULATED LINES FOR EXAMPLE (AIR, GAS, VAC, ELEC.).



PIPE SLEEVE THRU WALL DETAIL
NO SCALE

PIPE SLEEVE THRU WALL DETAIL GENERAL NOTES
1. CAULK CONTINUOUS WITH 3M # 2000 FIRE PROOF 1/2" BEAD (MADE BY 3M COMPANY.)
2. CONTINUOUS INSULATION THROUGH WALL PENETRATION FOR PIPING THAT REQUIRES INSULATION.
3. 16 GA. PIPE MINIMUM FOR SLEEVES.
4. HOLES WILL BE CORED (DRY OR WET NO HAMMER DRILL PENETRATION. PENETRATIONS WILL FIT SNUG TO SLEEVE.
5. MAX. 1/4" ANNULAR SPACE BETWEEN INSULATION AND PIPE FOR NON INSULATED LINES FOR EXAMPLE (AIR, GAS, VAC, ELEC.)



INTERIOR CLEANOUT DETAIL
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6TH FLOOR CV/CICU RENOVATION
PROPOSAL ITEM #1
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LUBBOCK, TX 79415

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ELECTRICAL ABBREVIATIONS

ABOVE COUNTER	AC
ABOVE FINISHED FLOOR	AFF
ALTERNATING CURRENT	AC
AMERICAN NATIONAL STANDARDS INSTITUTE	ANSI
AMERICAN SOCIETY FOR TESTING AND MATERIALS	ASTM
AMERICAN WIRE GAUGE	AWG
AMPERE	AMP
AMPHOUR	AH
AMPERE INTERRUPTING CAPACITY	AIC
ARC FAULT CIRCUIT INTERRUPTER	AFCI
AUTHORITY HAVING JURISDICTION	AHJ
AUTOMATIC TRANSFER SWITCH	ATS
BATTERY	BAT
BUILDING AUTOMATION SYSTEM	BAS
CEILING	C
COAXIAL CABLE	COAX
COLOR RENDERING INDEX	CRI
COMMUNICATIONS	COMM
CONDUIT	C
CONTROL	CTRL
COPPER	CU
CURRENT TRANSFORMER.	CT
DECIBEL (SOUND)	dB
DEMOLITION	DEMO
DIRECT CURRENT	DC
DOUBLE POLE, DOUBLE THROW	DPDT
DOUBLE POLE, SINGLE THROW	DPST
ELECTRIC	ELEC
ELECTRICAL METALLIC TUBING	EMT
ELECTRICAL NONMETALLIC TUBING	ENT
FIRE ALARM ANNUNCIATOR PANEL	FAAP
FIRE ALARM CONTROL PANEL	FACP
FLEXIBLE METALLIC CONDUIT	FMC
FOOTCANDLE	FC
FULL LOAD AMPS	FLA
GAUGE	GA
GROUND	GND
GROUND FAULT CIRCUIT INTERRUPTER	GFCI
HORSEPOWER	HP
INTERMEDIATE METAL CONDUIT	IMC
INTERNATIONAL BUILDING CODE	IBC
KILOVOLT	kV
KILOVOLT AMP	kVA
KILOWATT	kW
KILOWATT HOUR	kWH
LIQUIDTIGHT FLEXIBLE METAL CONDUIT	LFMC
LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT	LFNC
LOW VOLTAGE	LV
LUMEN	LM
LUMENS PER WATT	LPW
MAIN CIRCUIT BREAKER	MCB
MAIN LUGS ONLY	MLO
MINIMUM	MIN
MINIMUM CIRCUIT AMPS	MCA
MOTOR CONTROL CENTER	MCC
NATIONAL ELECTRICAL CODE	NEC
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	NEMA
NATIONAL FIRE CODE	NFC
NATIONAL FIRE PROTECTION ASSOCIATION	NFPA
NOTIFICATION APPLIANCE CIRCUIT	NAC
PANELBOARD	PB
PHASE	PH
POLY VINYL CHLORIDE	PVC
POWER FACTOR	PF
PUBLIC ADDRESS	PA
RECEPTACLE	RECEPT
RIGID GALVANIZED STEEL	RGS
RIGID NONMETALLIC CONDUIT	RNC
SINGLE PHASE	1 Ø
SINGLE POLE, DOUBLE THROW	SPDT
SINGLE POLE, SINGLE THROW	SPST
SWITCHBOARD	SWBD
THREE PHASE	3 Ø
TELEPHONE TERMINAL BOARD	TTB
UNINTERRUPTIBLE POWER SUPPLY	UPS
VARIABLE FREQUENCY DRIVE	VFD
VOLT, VOLTS, VOLTAGE	V
VOLT AMPERE	VA
WEATHERPROOF	WP

WIRE AND CONDUIT SIZING CHART

BREAKER	15	20	25	30	35	40	45	50	60	70	80	90	100	125	150	175	200	225	300	400
PHASE	#12	#12	#10	#10	#8	#8	#6	#6	#6	#4	#4	#2	#2	#1	#1/0	#2/0	#3/0	#4/0	#350 KCMIL	#500 KCMIL
NEUTRAL	#12	#12	#10	#10	#8	#8	#6	#6	#6	#4	#4	#2	#2	#1	#1/0	#2/0	#3/0	#4/0	#350 KCMIL	#500 KCMIL
GROUND	#12	#12	#10	#10	#10	#10	#10	#10	#10	#8	#8	#8	#8	#6	#6	#6	#6	#4	#4	#3
CONDUIT	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	2"	2"	2"	2-1/2"	3"	4"

NOTES:
1. UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ALL CONDUCTORS AND CONDUIT SHALL BE SIZED FROM THIS CHART.
2. ALL 120V LIGHTING AND POWER CIRCUITS OVER 75' SHALL BE #10 THHN.
3. LOCAL DISCONNECT SIZES SHALL BE BASED ON CIRCUIT BREAKER RATING/SIZE.

ELECTRICAL SYMBOL SCHEDULE

A	2x4 RECESSED LIGHT FIXTURE		DISTRIBUTION PANELBOARD
AE	2x4 RECESSED LIGHT FIXTURE WITH BATTERY BACK-UP		SURFACE MOUNTED LIGHTING AND APPLIANCE PANELBOARD
A	2x2 RECESSED LIGHT FIXTURE		RECESSED MOUNTED LIGHTING AND APPLIANCE PANELBOARD
AE	2x2 RECESSED LIGHT FIXTURE WITH BATTERY BACK-UP		WALL MOUNTED TELEPHONE/DATA OUTLET
A	DOWN LIGHT FIXTURE	AC	TELEPHONE/DATA OUTLET MOUNTED ABOVE COUNTER
AE	DOWN LIGHT FIXTURE WITH BATTERY BACK-UP		DATA OUTLET
X	EXIT SIGN - NUMBER OF FACES INDICATED BY SHADING		FLOOR MOUNTED TELEPHONE/DATA OUTLET
$	SPST WALL SWITCH	TV	TELEVISION OUTLET
$D	DIMMING SWITCH	S	CEILING MOUNTED SPEAKER
$O	OCCUPANCY SENSOR SWITCH		WALL MOUNTED SPEAKER
$3	THREE-WAY SWITCH	FACP	FIRE ALARM CONTROL PANEL
OS	OCCUPANCY SENSOR	FAA	REMOTE FIRE ALARM ANNUNCIATOR PANEL
P5	POWER PACK	F	FIRE ALARM PULL STATION
	DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W, GROUNDING		FIRE ALARM AUDIBLE/STROBE UNIT
AC	ABOVE COUNTER (VERIFY WITH ARCHITECTURAL)		FIRE ALARM STROBE UNIT
GFCI	DUPLEX RECEPTACLE WITH GFCI	FS	FIRE SUPPRESSION FLOW SWITCH
C	CEILING MOUNTED RECEPTACLE	TS	FIRE SUPPRESSION TAMPER SWITCH
WP	DUPLEX RECEPTACLE WITH WEATHER-PROOF COVER		FIRE ALARM SMOKE DETECTOR
42"	DUPLEX RECEPTACLE MOUNTED AT INDICATED HEIGHT		DUCT MOUNTED SMOKE DETECTOR
U	DUPLEX RECEPTACLE WITH TWO USB CHARGING PORTS	DH	FIRE ALARM DOOR HOLD OPEN
	FLOOR MOUNTED DUPLEX RECEPTACLE	MS	NURSE CALL MASTER STATION
	COMBINATION FLOOR BOX WITH RECEPTACLES AND DATA INDICATED	SS	NURSE CALL STAFF STATION
	208V RECEPTACLE	K	SECURITY CARD READER/KEYPAD
	HIGH VOLTAGE RECEPTACLE		SECURITY CAMERA
J	JUNCTION BOX		ABANDONED CEILING DEVICE
	DISCONNECT SWITCH		DOOR CONTROL BUTTON/REQUEST TO EXIT
	STARTER/DISCONNECT SWITCH		EMERGENCY COMMUNICATION ANTENNA
	CIRCUIT RUN TO PANELBOARD - NUMBER OF WIRES SHOWN		TELEMETRY DEVICE
	CIRCUIT INDICATOR		CENTRAK DEVICE

ALL ELECTRICAL DEVICES SHOWN DASHED, OR ON DASHED WALLS, ALONG WITH ALL WIRING AND CONDUIT ASSOCIATED WITH DEVICE SHALL BE REMOVED BACK TO POINT OF ORIGIN UNLESS NOTED OTHERWISE.

GENERAL NOTES

A. ALL ELECTRICAL DEVICES SHOWN DASHED, OR ON DASHED WALLS, ALONG WITH ALL WIRING AND CONDUIT ASSOCIATED WITH DEVICE SHALL BE REMOVED BACK TO POINT OF ORIGIN UNLESS NOTED OTHERWISE.

B. VERIFY EXACT LOCATION OF ALL DEVICES AND CONDUIT TO REMAIN.

C. THE ELECTRICAL CONTRACTOR SHALL PROTECT ALL DEVICES AND WIRING TO REMAIN DURING CONSTRUCTION.

D. ALL POWER AND COMMUNICATIONS OUTAGES SHALL BE COORDINATED WITH OWNER AND ARCHITECT PRIOR TO OUTAGE. PROVIDE TEMPORARY CONNECTIONS (POWER AND COMMUNICATION WIRING) TO EQUIPMENT TO MAINTAIN SERVICE DURING CONSTRUCTION AS REQUIRED.

E. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN DOWNSTREAM POWER TO NORMAL AND EMERGENCY LOADS(LIGHTING, RECEPTACLES, EQUIPMENT AND HVAC) DURING DEMOLITION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING PROJECT. THE CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRICAL PANELS, AND CONNECTIONS AS REQUIRED TO MAINTAIN POWER TO ADJACENT AREAS OF THE HOSPITAL DURING CONSTRUCTION.

F. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN FIRE ALARM EQUIPMENT AND DEVICES OF ADJACENT AREAS DURING DEMOLITION. COORDINATE REQUIREMENTS WITH FIRE ALARM CONTRACTOR, ARCHITECT, AND HOSPITAL PERSONNEL. FIELD VERIFY EXISTING CONDITIONS.

G. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN PUBLIC ADDRESS SYSTEM, EQUIPMENT AND DEVICES OF ADJACENT AREAS DURING DEMOLITION. COORDINATE REQUIREMENTS WITH PUBLIC ADDRESS CONTRACTOR, ARCHITECT, AND HOSPITAL PERSONNEL. FIELD VERIFY EXISTING CONDITIONS.

H. VERIFY EXACT LOCATION OF ALL ELECTRICAL EQUIPMENT WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.

I. VERIFY ALL ELECTRICAL INSTALLATIONS WITH LOCAL CODES AND CITY ORDINANCES PRIOR TO INSTALLATION.

J. ANY OUTLET, SWITCH, RECEPTACLE, FIXTURE OR PANEL MAY BE RELOCATED WITHIN A TEN (10) FOOT RADIUS OF THE INDICATED LOCATION WITHOUT ADDITIONAL CHARGE TO OWNER.

K. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT POWER REQUIREMENTS FOR OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN. TERMINATE AS DIRECTED BY EQUIPMENT NAME PLATES. COORDINATE EXACT LOCATION FOR INSTALLATIONS WITH OWNER PRIOR TO ROUGH-IN. NOTIFY ENGINEER IF ALTERNATE POWER IS REQUIRED.

I. DATA/TELEPHONE/TV OUTLETS SHALL BE INSTALLED WITH 1" CONDUIT EXTENDED TO AN ACCESSIBLE POINT ABOVE CEILING AND PROVIDED WITH PULL STRING. COORDINATE ALL TELEPHONE, TV AND DATA LOCATIONS WITH OWNER.

J. PROVIDE DEDICATED NEUTRAL WIRE FOR EACH 120V CIRCUIT BREAKER.

K. PROVIDE MOTOR RATED SWITCHES FOR EACH 120V HVAC CONNECTIONS. OVERLOADS SHALL MATCH MOTOR RATING.

L. CONTRACTOR SHALL PROVIDE NEMA 3R DISCONNECT SWITCHES FOR ALL EXTERIOR HVAC EQUIPMENT. INTERIOR DRY LOCATION DISCONNECT ENCLOSURES SHALL BE RATED NEMA 1.

Q. ALL CONDUITS SERVING ROOF-MOUNTED EQUIPMENT SHALL BE EXTENDED INSIDE THE UNIT CURBS TO AVOID ADDITIONAL PITCHPANS. ALL EXTERIOR CONDUIT SHALL BE RIGID GALVANIZED STEEL OR LIQUID TIGHT FLEXIBLE CONDUIT AS SPECIFIED.

R. WHERE GFCI PROTECTION IS REQUIRED BY CODE AND CONNECTION IS LOCATED BEHIND EQUIPMENT. CONTRACTOR SHALL PROVIDE GFCI CIRCUIT BREAKER IN LIEU OF GFCI OUTLET.

L. CONTRACTOR SHALL PROVIDE GFCI 120V RECEPTACLES IN PATIENT CARE AREAS IN ACCORDANCE WITH NEC ARTICLE 517.

M. CONTRACTOR SHALL PROVIDE TWO(2) SEPARATE EQUIPMENT GROUND WIRES FOR RECEPTACLE CIRCUITS IN PATIENT CARE AREAS IN ACCORDANCE WITH NEC ARTICLE 517.

N. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT DEVICE PLACEMENTS IN ALL SPACES.

O. ALL SWITCHES, RECEPTACLES, DISCONNECTS, FACEPLATES, AND PANELS SHALL BE PROVIDED WITH A LABEL(NON-REMOVABLE) INDICATING PANEL AND CIRCUIT NUMBER SERVING DEVICE AS REQUIRED BY NFPA AND TDH. "RED" FOR EMERGENCY POWER AND "BLACK" FOR NORMAL POWER. LABEL SHALL BE APPROVED BY UMC PERSONNEL AND ARCHITECT.

P. THE NEW FIRE ALARM DEVICES SHALL MATCH THE EXISTING NOTIFIER FIRE ALARM EQUIPMENT AND SHALL BE U.L. LISTED FOR USE WITH THE EXISTING FIRE ALARM EQUIPMENT. ALL NEW DEVICES SHALL MATCH THE EXISTING FUNCTIONALITY OF THE EXISTING EQUIPMENT AND SHALL MATCH IN APPEARANCE.PROVIDE UPGRADES TO THE EXISTING EQUIPMENT AS NECESSARY TO SUPPORT THE NUMBER AND TYPE OF NEW DEVICES AS REQUIRED. THIS SHALL INCLUDED BUT NOT BE LIMITED TO ADDING MODULES, EXPANDERS, POWER SUPPLIES OR COMPLETE REPLACEMENT OF THE EQUIPMENT AS REQUIRED.ALL WIRING, CLASSIFICATION AND CONNECTIONS SHALL MATCH THE EXISTING CLASS AND STYLE OF WIRING.THE ENTIRE FIRE ALARM SYSTEM SHALL BE RE-CERTIFIED AFTER THE COMPLETION OF THE WORK.

Q. COORDINATE DEVICE AND COVERPLATE FINISHES WITH UMC PERSONNEL AND ARCHITECT PRIOR TO ORDERING.

R. ALL WORK ASSOCIATED WITH VAV BOXES SHALL BE BID UNDER ALTERNATE #3.

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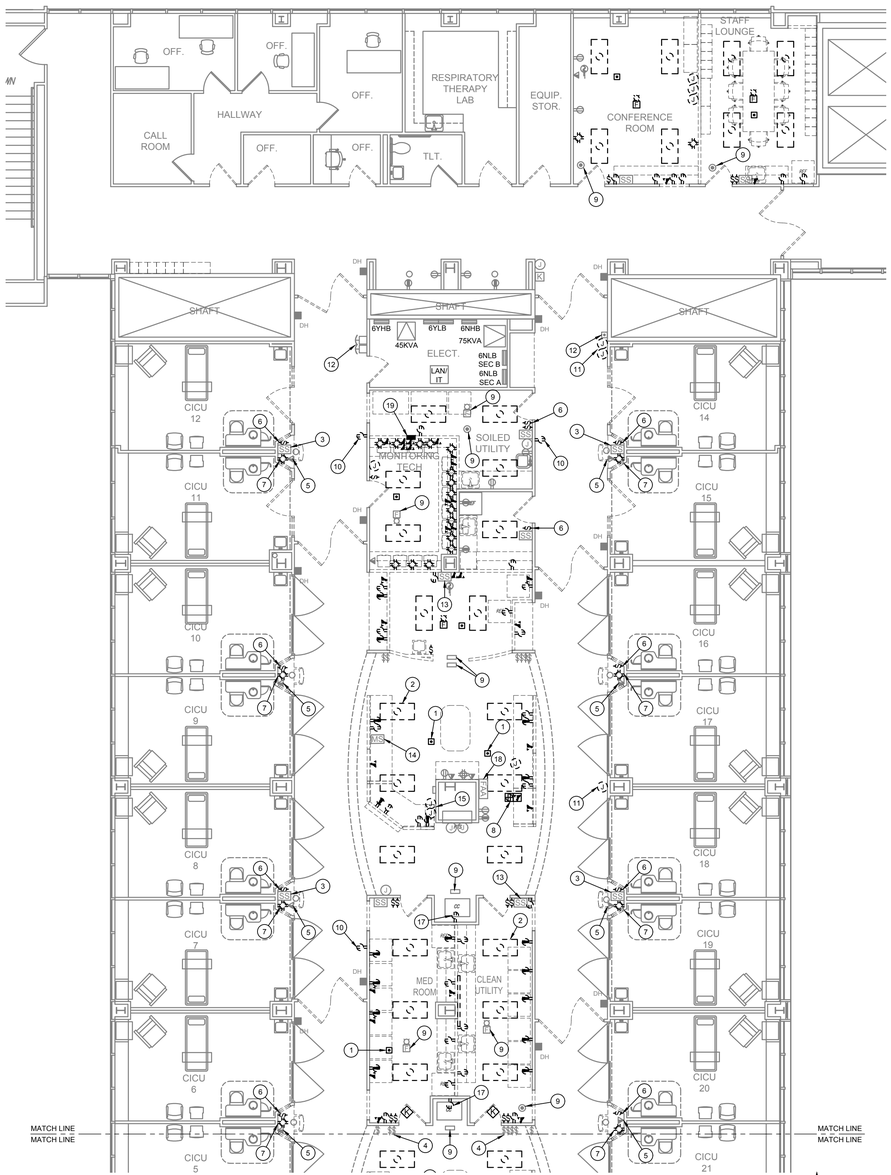
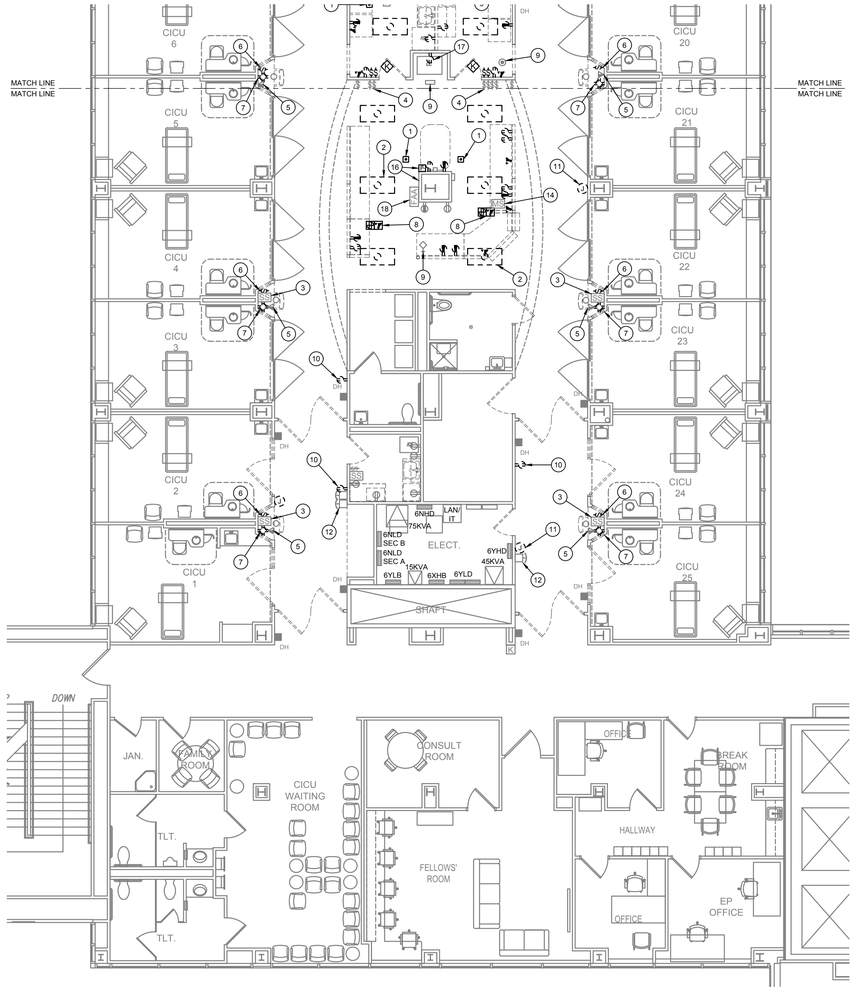


1/E1 SIXTH FLOOR PLAN - NORTH - ELECTRICAL DEMOLITION

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



2/E1 SIXTH FLOOR PLAN - SOUTH - ELECTRICAL DEMOLITION

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

KEYED NOTES

1. WHERE CEILINGS ARE BEING DEMOLISHED, ABANDONED SYSTEMS SHALL BE REMOVED. COORDINATE ADDITIONAL REQUIREMENTS WITH UMC IT PERSONNEL (TYPICAL).
2. WHERE CEILINGS ARE BEING DEMOLISHED, LIGHT FIXTURES SHALL BE REMOVED. CIRCUIT SHALL REMAIN FOR REUSE. (TYPICAL)
3. EXISTING HILLROM STAFF STATIONS SHALL BE REMOVED AND REINSTALLED IN NEW WALLS/WALL COVERINGS AS REQUIRED. DURING CONSTRUCTION, PROTECT ALL HILLROM DEVICES NOT BEING REMOVED. REFER TO INTERIOR DRAWINGS FOR ADDITIONAL INFORMATION. PROVIDE NEW COMMUNICATION WIRING IF REQUIRED (TYPICAL)
4. FIELD VERIFY EXISTING SWITCHING CONFIGURATION. RECONFIGURE LIGHT SWITCHES AS REQUIRED TO ACCOMMODATE NEW LIGHT FIXTURES. REFER TO LIGHTING PLAN FOR NEW FIXTURE LOCATIONS.
5. EXISTING DATA OUTLET SHALL REMAIN. PROVIDE NEW COVERPLATE ON EXISTING DEVICE.
6. EXISTING LIGHT SWITCH AND COVERPLATE SHALL BE REPLACED. BACKBOX, WIRING AND CONDUIT CAN BE REUSED IF IN GOOD WORKING CONDITION.
7. QUAD RECEPTACLE AND POWER STRIP SHALL BE REMOVED.
8. FLOOR MOUNTED POWER AND DATA CONNECTIONS/WIRING SERVING SYSTEM FURNITURE SHALL BE REMOVED. PATCH FLOOR AS REQUIRED TO MAINTAIN FIRE RATING. FIELD VERIFY.
9. CEILING MOUNTED FIRE ALARM, TELEMETRY, AND CENTRAK DEVICES/COMMUNICATION ANTENNAS SHALL BE REMOVED AND REINSTALLED IN NEW CEILINGS. REFER TO POWER PLAN FOR NEW LOCATIONS.
10. CORRIDOR RECEPTACLES AND COVERPLATES SHALL BE REMOVED AND REPLACED TO ACCOMMODATE NEW WALL COVERINGS. EXISTING BACKBOX, WIRING, AND CONDUIT SHALL BE REUSED.
11. ABANDONED BACKBOXES AND COVERPLATES IN CORRIDORS SHALL BE REMOVED.
12. EXISTING DOOR CONTROLS SHALL REMAIN. PROTECT OR REMOVE DEVICES AS REQUIRED DURING CONSTRUCTION.
13. NURSE CALL STAFF STATION TO BE RELOCATED TO NEW BREAKROOM. REFER TO POWER PLAN FOR NEW LOCATION. PROVIDE NEW COMMUNICATION WIRING AS REQUIRED.
14. EXISTING NURSE CALL MASTER STATION SHALL BE RELOCATED TO NEW NURSE STATION MILLWORK. PROVIDE NEW COMMUNICATION WIRING IF REQUIRED.
15. POWER AND DATA CONNECTIONS SERVING SYSTEM FURNITURE SHALL BE REMOVED. FIELD VERIFY.
16. EXISTING FIRE ALARM PULL STATION SHALL BE RELOCATED TO ADJACENT WALL OF COLUMN. PROVIDE NEW FIRE ALARM WIRING AS REQUIRED.
17. REMOVE EXISTING RECEPTACLE. REPLACE WITH RED RECEPTACLE. EXTEND AND CONNECT TO EXISTING CIRCUIT SERVED FROM PANEL "6YLD".
18. REMOVE FIRE ALARM ANNUNICATOR DURING CONSTRUCTION. REINSTALL IN SAME LOCATION AFTER CONSTRUCTION. EXTEND AND CONNECT TO EXISTING FIRE ALARM WIRING.
19. EXISTING FIRE SMOKE DAMPER SHALL BE DEMOLISHED. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR.

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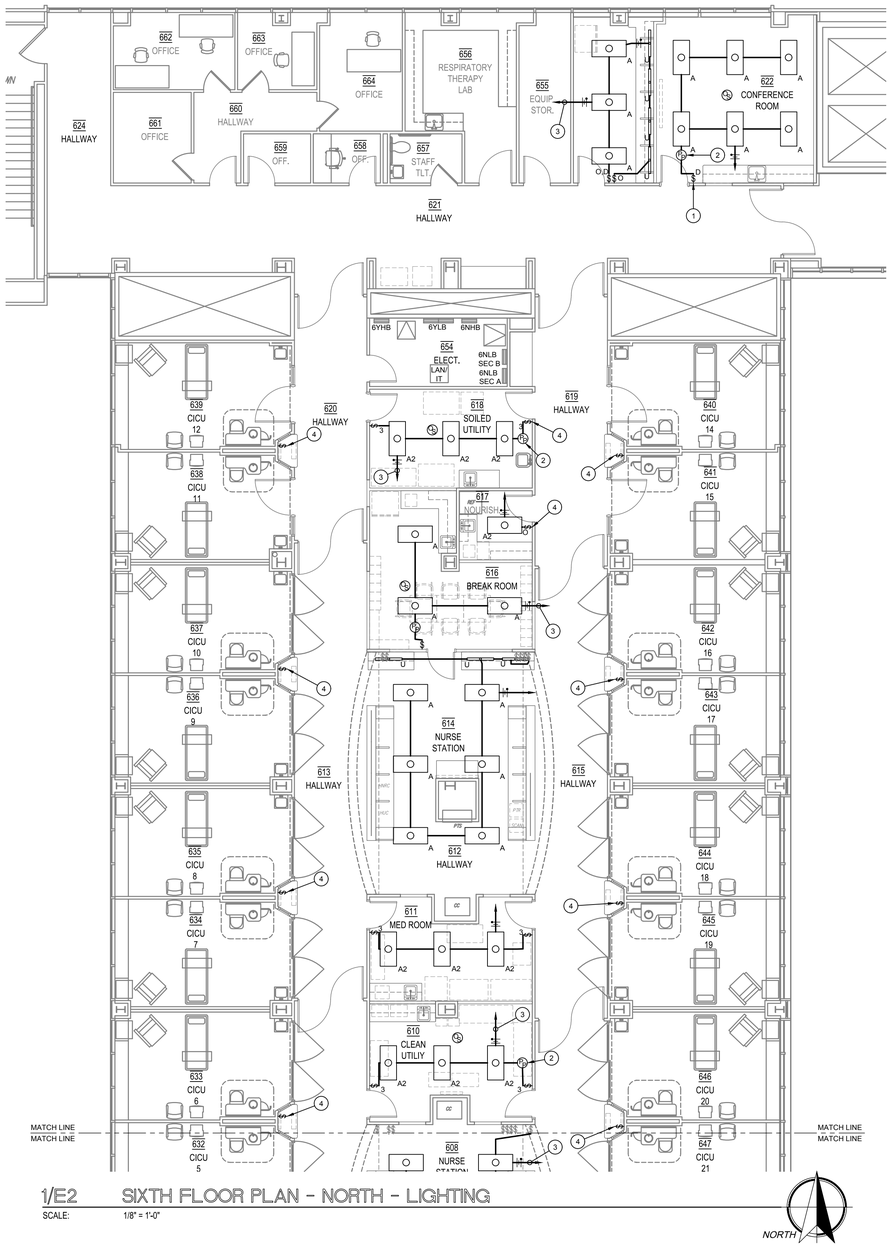
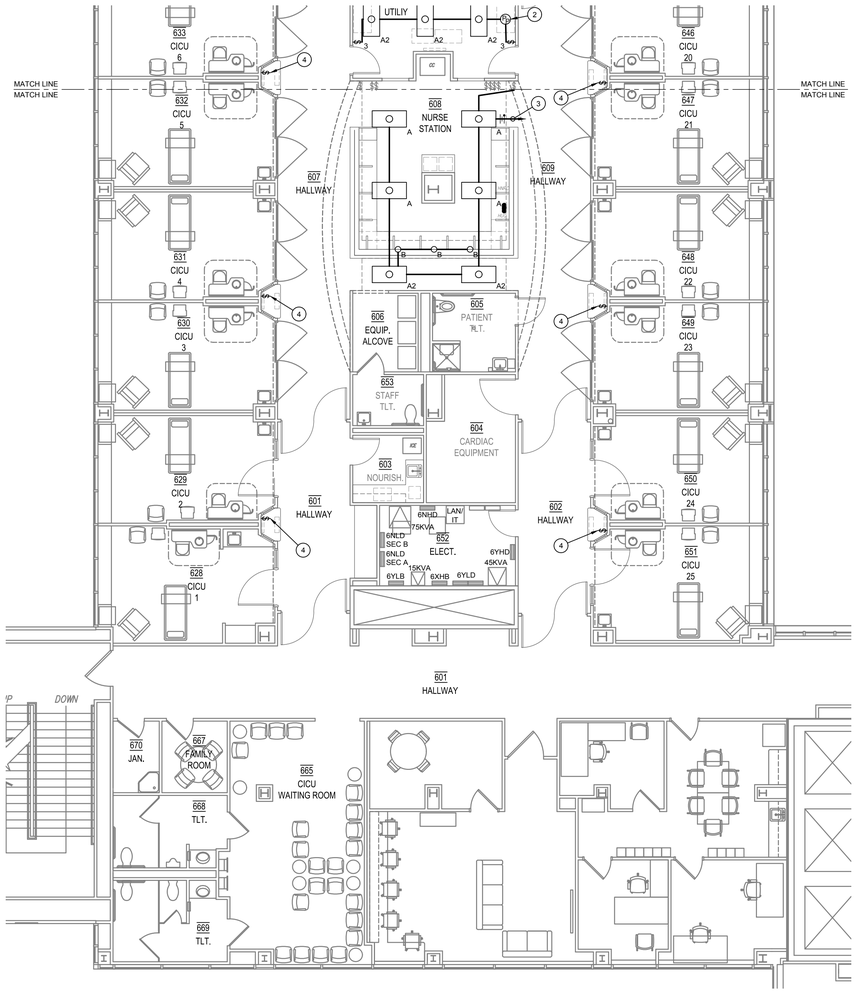


1/E2 SIXTH FLOOR PLAN - NORTH - LIGHTING

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



2/E2 SIXTH FLOOR PLAN - SOUTH - LIGHTING

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

KEYED NOTES

1. LOW VOLTAGE LIGHT DIMMER SWITCH WITH 0-10V CONTROL. REFER TO LIGHTING CONTROL DETAILS FOR ADDITIONAL INFORMATION.
2. POWER PACK TO OPERATE OCCUPANCY SENSOR AND DIMMER SWITCH. MOUNT POWER PACK ABOVE CEILING.
3. EXTEND AND CONNECT TO EXISTING CRITICAL BRANCH LIGHTING PANEL SERVING AREA. (TYPICAL).
4. NEW LIGHT SWITCH IN EXISTING BACKBOX.

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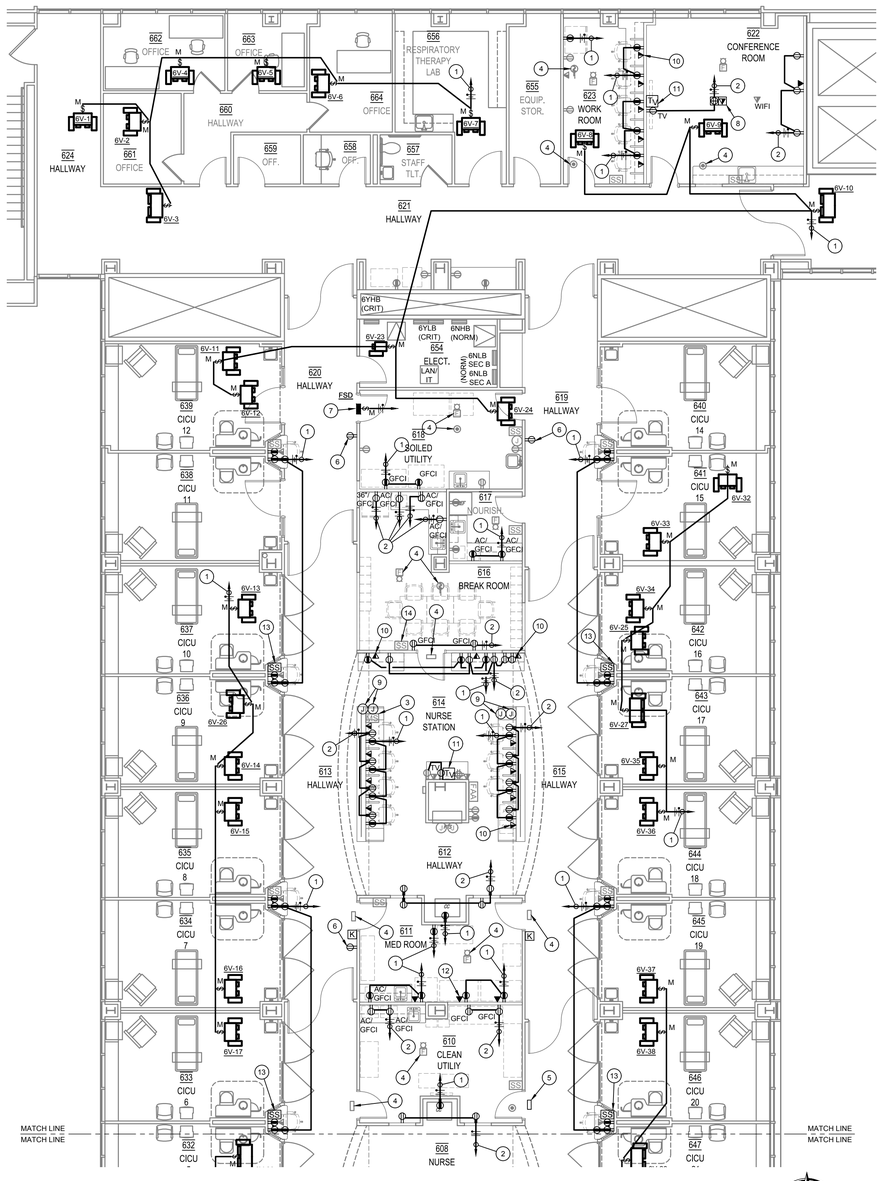
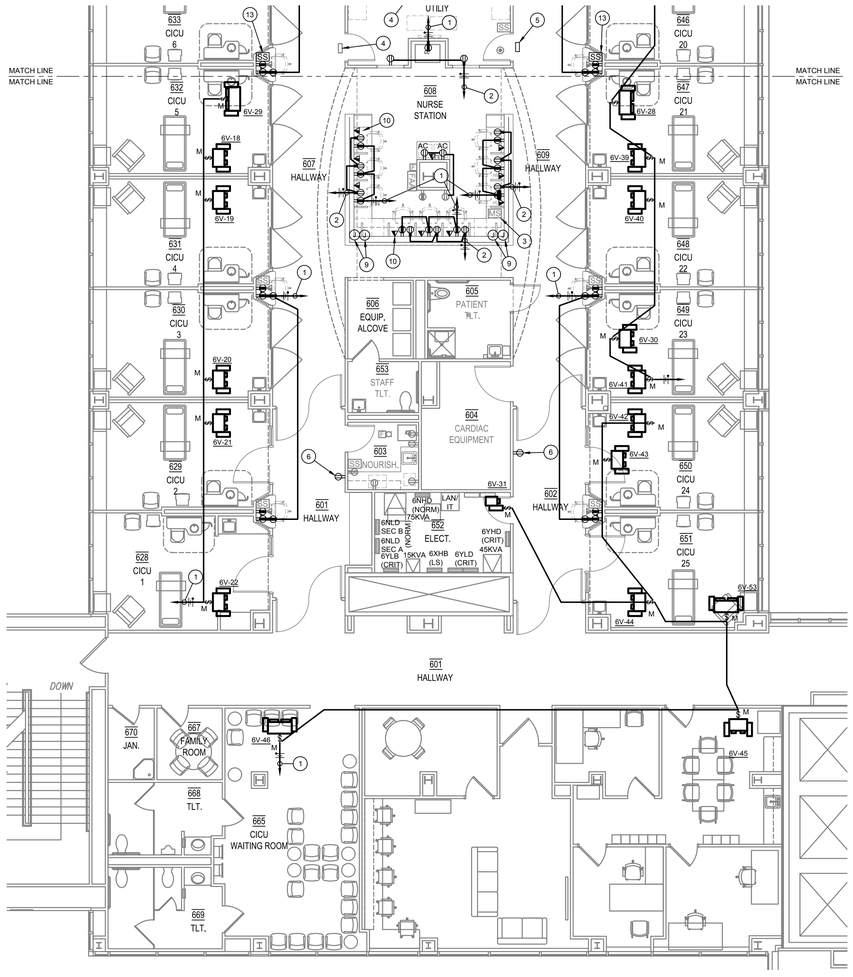


1/E3 SIXTH FLOOR PLAN - NORTH - POWER/COMMUNICATIONS

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

NORTH



2/E3 SIXTH FLOOR PLAN - SOUTH - POWER/COMMUNICATIONS

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

NORTH

KEYED NOTES

1. EXTEND AND CONNECT TO CRITICAL BRANCH PANEL SERVING AREA.
2. EXTEND TO AND CONNECT NORMAL BRANCH PANEL SERVING AREA.
3. NEW LOCATION OF EXISTING NURSE CALL MASTER STATION. COORDINATE LOCATION WITH OWNER AND ARCHITECT. EXTEND AND CONNECT TO EXISTING NURSE CALL SYSTEM AND CRITICAL BRANCH CIRCUIT. COORDINATE CONNECTION REQUIREMENTS WITH NURSE CALL CONTRACTOR.
4. NEW LOCATION OF EXISTING FIRE ALARM DEVICES, REMOTE DUCT DETECTOR ANNUNCIATOR, TELEMETRY, CENTRACK DEVICE/COMMUNICATION ANTENNA. EXTEND AND CONNECT TO EXISTING SYSTEMS. PROVIDE NEW WIRING AND CONDUIT AS REQUIRED.
5. NEW TELEMETRY DEVICE. MATCH EXISTING. CONNECT TO EXISTING TELEMETRY SYSTEM. COORDINATE REQUIREMENTS WITH TELEMETRY CONTRACTOR.
6. NEW RECEPTACLE AND COVER PLATE IN EXISTING BACKBOX. CONNECT TO EXISTING CIRCUIT.
7. NEW FIRE SMOKE DAMPER. PROVIDE 120V CONNECTION AS REQUIRED. EXTEND AND CONNECT TO NEAREST LIFE SAFETY BRANCH PANEL SERVING AREA. EXTEND AND CONNECT TO FACP FOR CONTROL. COORDINATE CONNECTION REQUIREMENTS WITH MECHANICAL AND FIRE ALARM CONTRACTORS.
8. PROVIDE HUBBELL SYSTEM ONE FIRE RATED POKE THROUGH FLOOR BOX OR APPROVED EQUAL. COMBINATION FLOOR BOX POWER/COMMUNICATION. EXTEND (2) 1" CONDUITS WITH PULL STRING FROM FLOORBOX TO ACCESSIBLE POINT ABOVE CEILING FOR COMMUNICATION WIRING. COORDINATE EXACT LOCATION WITH ARCHITECT.
9. PROVIDE NEW POWER AND COMMUNICATIONS CONNECTIONS TO SERVE NURSE STATION MILLWORK. COORDINATE CONDUIT ROUTING AND PENETRATIONS, AND STUB UP LOCATIONS WITH ARCHITECT/UMC PERSONNEL. MAINTAIN FIRE RATING FOR ALL FLOOR PENETRATIONS.
10. COMBINATION TELEPHONE AND DATA OUTLET(TYPICAL). PROVIDE TWO(2) CATEGORY 6 RJ-45 JACKS, TWO(2) CATEGORY 6 CABLES(TELEPHONE-WHITE, DATA-BLUE), EXTEND AND CONNECT TO PATCH PANEL IN LAN RACK. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
11. TV DATA OUTLET (TYPICAL). PROVIDE CATEGORY 6 RJ-45 JACK AND CATEGORY 6 CABLES(DATA-BLUE). EXTEND AND CONNECT TO PATCH PANEL IN LAN RACK. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
12. DATA OUTLET (TYPICAL). PROVIDE CATEGORY 6 RJ-45 JACK AND CATEGORY 6 CABLES(DATA-BLUE). EXTEND AND CONNECT TO PATCH PANEL IN LAN RACK. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. NEW NURSE CALL STAFF STATION. MATCH EXISTING. CONNECT TO EXISTING NURSE CALL SYSTEM. COORDINATE REQUIREMENTS WITH NURSE CALL CONTRACTOR.
14. NEW LOCATION OF EXISTING NURSE CALL STAFF STATION. COORDINATE LOCATION WITH OWNER AND ARCHITECT. EXTEND AND CONNECT TO EXISTING NURSE CALL SYSTEM. COORDINATE CONNECTION REQUIREMENTS WITH NURSE CALL CONTRACTOR.

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6TH FLOOR CV/CICU RENOVATION
PROPOSAL ITEM #1

602 INDIANA AVENUE
LUBBOCK, TX 79415

REVISIONS:

PROJECT NO. 22307
DATE: 05/01/2025

SHEET NO.
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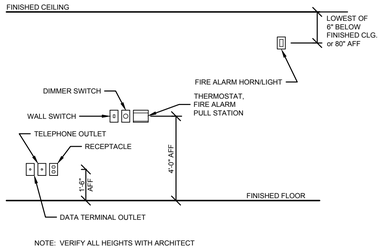
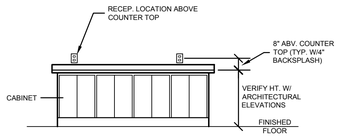


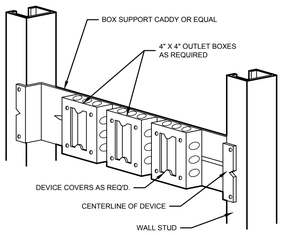
NOTE: VERIFY ALL HEIGHTS WITH ARCHITECT

WIRING DEVICE MOUNTING HEIGHTS - TYPICAL
NO SCALE



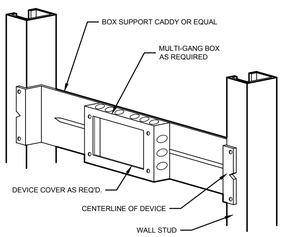
NOTE: VERIFY ALL HEIGHTS WITH ARCHITECT

WIRING DEVICE MOUNTING HEIGHT
NO SCALE



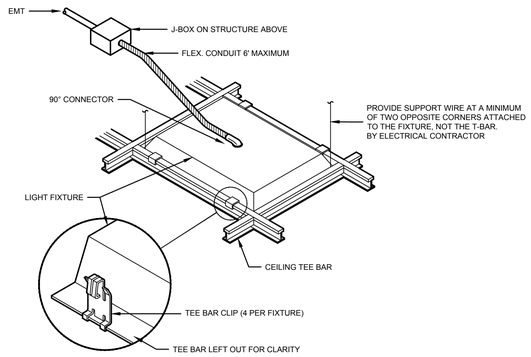
NOTE: TYPICAL FOR ALL OUTLET BOXES

MULTIPLE OUTLET BOX DETAIL
NO SCALE



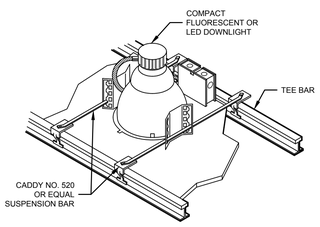
NOTE: TYPICAL FOR ALL OUTLET BOXES

MULTI-GANG OUTLET BOX DETAIL
NO SCALE



NOTE: TYPICAL FOR ALL LIGHT FIXTURES

LAY-IN LIGHT FIXTURE DETAIL
NO SCALE



DOWNLIGHT DETAIL
NO SCALE

LIGHT FIXTURE SCHEDULE

MARK	REFERENCE IMAGE	MANUFACTURER	MODEL	DESCRIPTION	MOUNTING	FINISH	TYPE	VOLTS	WATTS	LUMENS	TEMP(°K)	DIMMING	NOTES
A		LITHONIA	ENVX-2X4-HRG-7200LM-80CRI-40K-MIN10-ZT-MVOLT	2'x4' FLAT PANEL WITH DIMMING DRIVER	RECESSED	WHITE	LED	277	64	7200	4000	0-10V	
AE		LITHONIA	ENVX-2X4-HRG-7200LM-80CRI-40K-MIN10-ZT-MVOLT	2'x4' FLAT PANEL WITH DIMMING DRIVER CONNECTED TO LIFE SAFETY CIRCUIT	RECESSED	WHITE	LED	277	64	7200	4000	0-10V	
A2		LITHONIA	ENVX-2X4-HRG-4800LM-80CRI-40K-MIN10-ZT-MVOLT	2'x4' FLAT PANEL WITH DIMMING DRIVER	RECESSED	WHITE	LED	277	40	4800	4000	0-10V	
A2E		LITHONIA	ENVX-2X4-HRG-4800LM-80CRI-40K-MIN10-ZT-MVOLT	2'x4' FLAT PANEL WITH DIMMING DRIVER CONNECTED TO LIFE SAFETY CIRCUIT	RECESSED	WHITE	LED	277	40	4800	4000	0-10V	
B		GOTHAM	IVO6-D-15LM-40K-80CRI-MD-MIB10-MVOLT-ZT-ICAT-P-WR-LSS-F	6" ROUND DOWNLIGHT WITH DIMMING DRIVER	RECESSED	WHITE	LED	277	10	1000	4000	0-10V	
U		HEALTHCARE	HUC535-MVOLT-LED40-S1-GW	UNDERCABINET LIGHT	SURFACE	WHITE	LED	277	20	1800	4000		

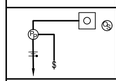
LIGHT FIXTURE SCHEDULE GENERAL NOTES

A. COORDINATE/CONFIRM ALL FIXTURE FINISHES WITH ARCHITECT DURING SUBMITTAL STAGE.

B. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHT FIXTURE LOCATIONS.

C. FOR ALL SUSPENDED FIXTURES PROVIDE ADEQUATE SUSPENSION METHOD (CABLE, STEM, ETC.) AS REQUIRED TO ACCOMMODATE LENGTH UP TO STRUCTURE. REFER TO ARCHITECTURAL

LIGHTING CONTROL DETAILS

ROOMS WITH THESE LIGHTING CONTROL SYMBOLS (REFER TO PLAN FOR EXACT QUANTITIES)	TYPICAL LOCATION (REFER TO PLAN FOR EXACT LOCATIONS)	LIGHTING CONTROL DESCRIPTION	EXAMPLE MODEL #'S
$VD $V $O	OFFICE AND STORAGE	WALL MOUNTED WALL BOX CONTROL WITH OCCUPANCY/VACANCY SENSOR	WALLBOX (VAC): NLIGHT WSX-SA-WH WALLBOX (OCC): NLIGHT WSX-WH WALLBOX (VAC WITH DIM): NLIGHT WSX-D-SA-WH
	MULTPURPOSE, STORAGE	NLIGHT CEILING MOUNTED OCCUPANCY SENSOR ACTIVATION. MANUAL SWITCH FOR OVERRIDE CONTROL.	OCC SENSOR: NLIGHT NCM-9-RJB POWER PACK: NLIGHT NPP16 SWITCH: NLIGHT NPODM-WH

NOTES:
A. REFER TO MANUFACTURER'S DETAILS FOR LIGHTING CONTROL WIRING DIAGRAMS.

B. COORDINATE WITH LIGHTING CONTROLS MANUFACTURER PRIOR TO ROUGH-IN OF ANY CONDUIT OR WIRING FOR LIGHTING SYSTEM TO VERIFY WIRING REQUIREMENTS WITH LIGHTING CONTROL SYSTEM PROVIDED ON PROJECT.SENSOR SHALL PROVIDE COVERAGE OF ROOM/AREA. PROVIDE ADDITIONAL SENSORS AS REQUIRED BY MANUFACTURER.

C. LIGHTING CONTROL SYSTEM TO BE FULLY COMMISSIONED AND PROGRAMMED BY FACTORY TRAINED MANUFACTURERS REPRESENTATIVE. PROVIDE COMPLETE TRAINING TO OWNER. CONTRACTOR SHALL CONTACT MANUFACTURER AT LEAST 3 WEEKS PRIOR TO COMPLETION OF WORK TO SCHEDULE COMMISSIONING.

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