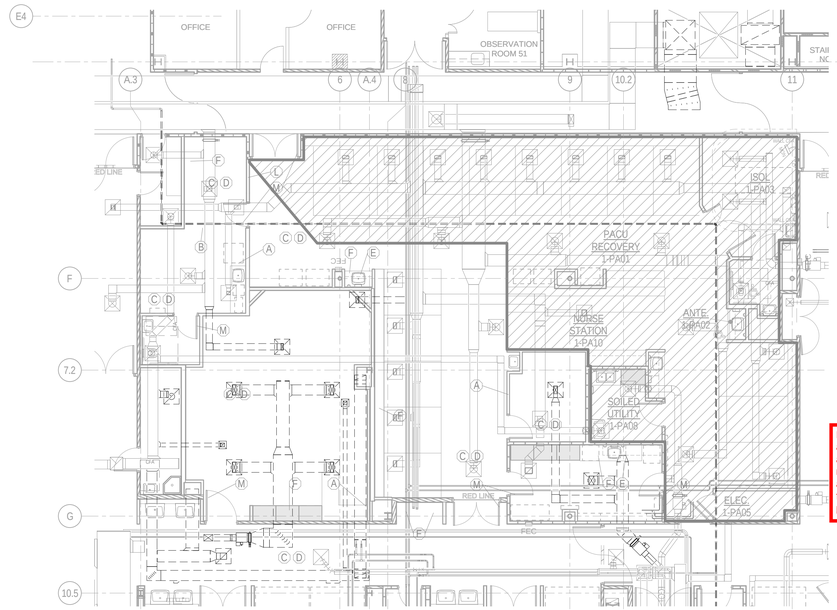
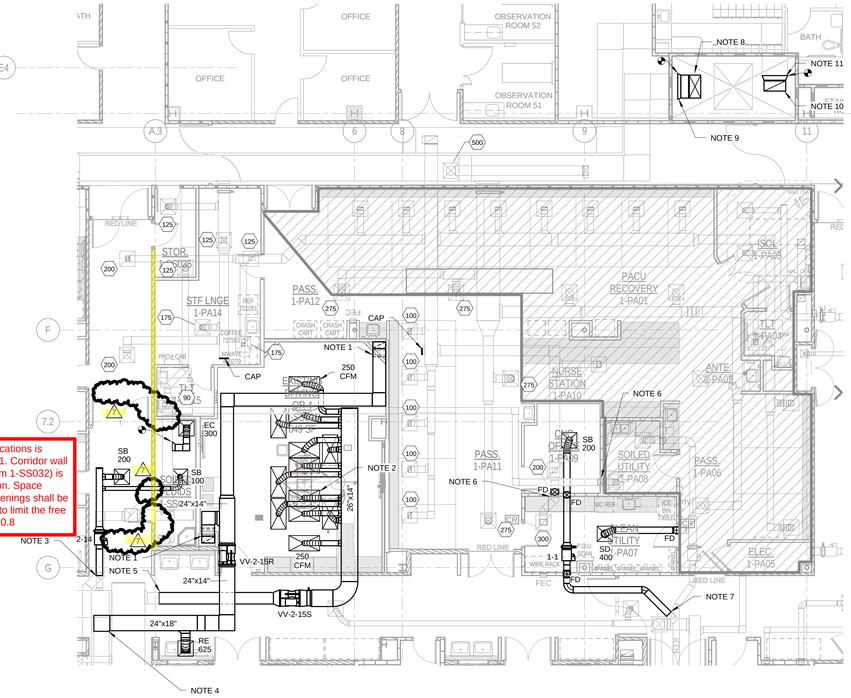


MECH.DEMOLITION PLAN - PHASE VII-A - PACU & OR

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

DEMOLITION LEGEND
- EXISTING TO REMAIN
- EXISTING TO BE REMOVED

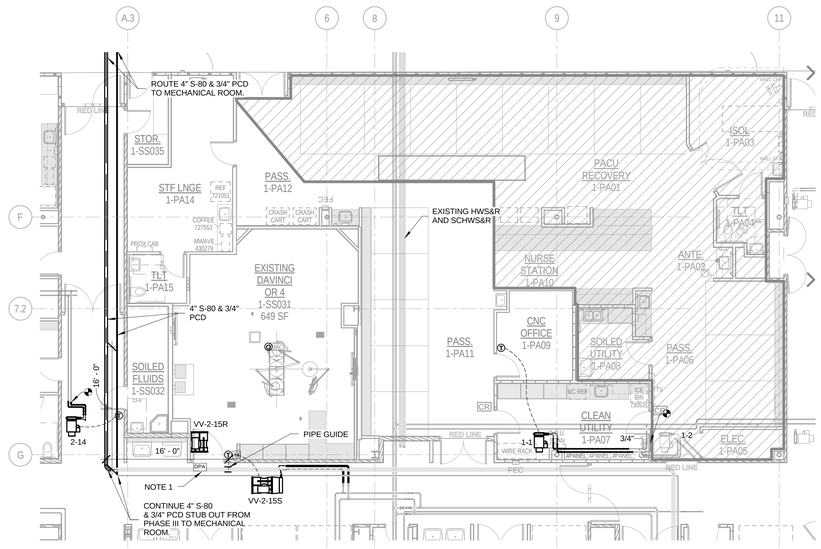
Removal of dampers at these locations is approved per 2015 IEBC 804.1.1. Corridor wall at this location (adjacent to Room 1-SS032) is now considered a smoke partition. Space around ducts and air transfer openings shall be filled with an approved material to limit the free passage of smoke. 2015 IBC 710.8



HVAC PLAN - PHASE VII-A - PACU & OR

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

HVAC NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING



PIPING PLAN - PHASE VII-A - PACU & OR

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

PIPING SHEET NOTES:

1. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RP-30 OUTSIDE EACH ISOLATION ROOM AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM

GENERAL PIPING NOTES:

A. PIPING SHOWN ON PLANS SHOWS APPROXIMATE ROUTING. COORDINATE WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK. CIRCUIT SETTERS ARE TO BE INSTALLED IN HOT WATER RETURN PIPES. ALL COILS ARE TO BE PIPED SO WATER ENTERS LEAVING AIR SIDE OF COIL.
B. PROVIDE SHUT-OFF VALVES AT ALL BRANCH CONNECTIONS.

PIPING NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

HVAC SHEET NOTES:

1. ROUTE 20"x10" RETURN DUCT DOWN IN CHASE TO 20"x30" RETURN GRILLE, TITUS MODEL 33RL, 12" AFF. BALANCE FOR 1150 CFM.
2. PROVIDE 48"x24" TITUS MODEL TLF LAMINAR FLOW SUPPLY DIFFUSER WITH 10" INLET CONNECTION. BALANCE FOR 200 CFM, EXCEPT WHERE NOTED OTHERWISE.
3. CONNECT TO 10" SUPPLY DUCT STUB OUT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
4. CONNECT TO 24"x18" RETURN DUCT STUB OUT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
5. CONNECT TO 18"x12" SUPPLY DUCT STUB OUT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
6. INSTALL FIRE DAMPER IN EXISTING DUCTWORK IF ONE IS NOT EXISTING.
7. CONNECT TO 10"Ø SUPPLY DUCT LEFT FROM DEMO OF VAV BOX 1-35. SEE SHEET M1.03 FOR CONTINUATION.
8. ROUTE 36"x18" SUPPLY DUCT DOWN FROM ROOF ABOVE. SEE SHEET M2.07 FOR CONTINUATION.
9. CONNECT NEW 36"x18" SUPPLY DUCT TO EXISTING 40"x28" SUPPLY DUCT IN CHASE.
10. ROUTE 34"x16" RETURN DUCT UP TO ROOF ABOVE. SEE SHEET M2.07 FOR CONTINUATION.
11. CONNECT NEW 34"x16" RETURN DUCT TO EXISTING 40"x28" RETURN DUCT IN CHASE.

	RTU-1	RTU-2	
SUPPLY AIR	26,650	31,175	
RETURN AIR	19,300	23,625	

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

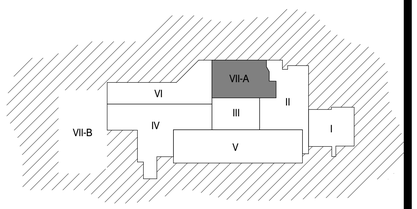
REVISES PERMIT 2015-916743-LT; RSN: 966198

RSN: *1265674*
Permit #: *2018-1413672-LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Rhonda Ritter*
Date: *Feb 08, 2018*
2015 INTERNATIONAL CODES & 2014 NEC

WALL LEGEND

EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
EXISTING NON-RATED PARTITION TO DECK
EXISTING SMOKE PARTITION TO DECK
EXISTING 1-HOUR FIRE BARRIER
EXISTING 1-HOUR SMOKE BARRIER
EXISTING 1-HOUR RATED SHAFT WALL BARRIER
EXISTING 2-HOUR FIRE BARRIER
EXISTING 2-HOUR SMOKE BARRIER
EXISTING 2-HOUR RATED SHAFT WALL BARRIER
EXISTING NON-RATED C.M.U. PARTITION TO DECK
EXISTING 1-HOUR C.M.U. FIRE BARRIER TO DECK
EXISTING 2-HOUR C.M.U. FIRE BARRIER TO DECK
EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
EXISTING 2-HOUR C.M.U. SMOKE BARRIER TO DECK
EXISTING CAST-IN-PLACE CONC.
EXISTING 2-HOUR CONC. FIRE BARRIER
EXISTING 2-HOUR CONC. SMOKE BARRIER
NON-RATED PARTITION TO 4" ABOVE CEILING
NON-RATED PARTITION TO DECK
SMOKE PARTITION TO DECK
1-HOUR FIRE BARRIER
1-HOUR SMOKE BARRIER
1-HOUR RATED SHAFT WALL BARRIER
2-HOUR FIRE BARRIER
2-HOUR SMOKE BARRIER
2-HOUR RATED SHAFT WALL BARRIER
NON-RATED C.M.U. PARTITION TO DECK
1-HOUR C.M.U. FIRE BARRIER TO DECK
2-HOUR C.M.U. FIRE BARRIER TO DECK
3-HOUR C.M.U. FIRE BARRIER TO DECK
4-HOUR C.M.U. FIRE BARRIER TO DECK
1-HOUR C.M.U. SMOKE BARRIER TO DECK
2-HOUR C.M.U. SMOKE BARRIER TO DECK
CAST-IN-PLACE CONC.
2-HOUR CONC. FIRE BARRIER
2-HOUR CONC. SMOKE BARRIER
4-HOUR CONC. FIRE BARRIER
4-HOUR CONC. SMOKE BARRIER



WORKING AREA - PHASED KEY PLAN

I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.ictthomasson.com
ICT Project No. 140389

Seals

COLORADO LICENSED — SHANNON J. SCHAFER — 39625 — PROFESSIONAL ENGINEER — 1/22/18

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

DOCUMENT CHANGES

Description	Date
Revision 3	04/30/15
Revision 4	03-16-16
Revision 7	01/22/18

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

Drawing Title

MECHANICAL PHASE VII-A - PACU & OR

Sheet Number

M1.07A

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