



Nabholz Construction - Lenexa
17300 W 116th Street
Lenexa, Kansas 66219
P: (913) 393-6500

Project: 08-25-3320 HCA LSMC DIETARY EXPANSION
2100 SE BLUE PARKWAY
LEE'S SUMMIT, Missouri 64063

RFI #034: DietEx - Life Safety Dampers

Revision	0	Status	Closed on 09/10/25
To	Luke Arbanas (Nabholz Construction Corporation) (<i>Response Required</i>)	From	Luke Arbanas (Nabholz Construction Corporation)
Date Initiated	Sep 4, 2025	Due Date	Sep 11, 2025
Location	Interior Building>Dietary	Project Stage	Pre-Construction
Cost Impact	TBD	Schedule Impact	TBD
Spec Section			
Drawing Number	M02-01	Reference	
Linked Drawings			
Copies To	Mark McGrath (P1 CONSTRUCTION LLC), Justin Sorem (P1 CONSTRUCTION LLC)		
Priority			
Constraint			

Activity

Question

Question from Luke Arbanas Nabholz Construction Corporation on Thursday, Sep 4, 2025 at 02:08 PM CDT

During the BIM coordination meeting on 09.03.25, the question was asked to the EOR if the areas noted in the cloud on the attached drawing required life safety dampers. - P1

Please advise if life safety dampers are needed where ducts pass through fire rated walls in Dietary Expansion. - Nab-LA

Attachments

[#002 - Life Safety Dampers-2025.09.04.pdf](#)

Official Response

Response from Luke Arbanas Nabholz Construction Corporation on Wednesday, Sep 10, 2025 at 01:41 PM CDT

Life safety dampers are not required where ducts pass through 1-hour fire-rated walls in the Dietary Expansion area. Fire dampers are only required at penetrations of walls or assemblies with a fire-resistance rating greater than 1 hour or where otherwise

indicated on the contract documents. Sheet AC 101 shows that the walls in question are 1 hour rated fire barriers.

William Davis, Assistant Consultant - Mechanical Engineering

WSP USA

September 9, 2025

Attachments

[RFI-034 - hca_lsmc_dietary_expansion-dietex-life_safety_dampers-WSP Response.pdf](#)

All Replies**Response from Luke Arbanas Nabholz Construction Corporation** on Wednesday, Sep 10, 2025 at 01:41 PM CDT

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Attachments

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Attachments

[#002 - Life Safety Dampers-2025.09.04.pdf](#)

Awaiting an Official Response

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Sheet AC 101 shows that the walls in question are 1 hour rated fire barriers.

William Davis, Assistant Consultant - Mechanical Engineering
WSP USA
September 9, 2025

RFI detail

#002 Life Safety Dampers



Status	■ Open In Review
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Created on	Sep 4, 2025 by Sam Stewart (P1 Construction LLC)
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RFI type	Default RFI workflow
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Ball in court	Sam Stewart (P1 Construction LLC)
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Due date	Sep 18, 2025
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Question

During the BIM coordination meeting on 09.03.25, the question was asked to the EOR if the areas noted in the cloud on the attached drawing required life safety dampers.

Suggested answer

Please advise.

References and Attachments

Files (1)

- [MO2-01\(Dietary-MedSurg 100 CD Drawings\)_Contract Drawings_2025-09-04_11-28-51am.pdf](#)

Impact

Cost impact	Yes
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Schedule impact	Yes
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Other attributes

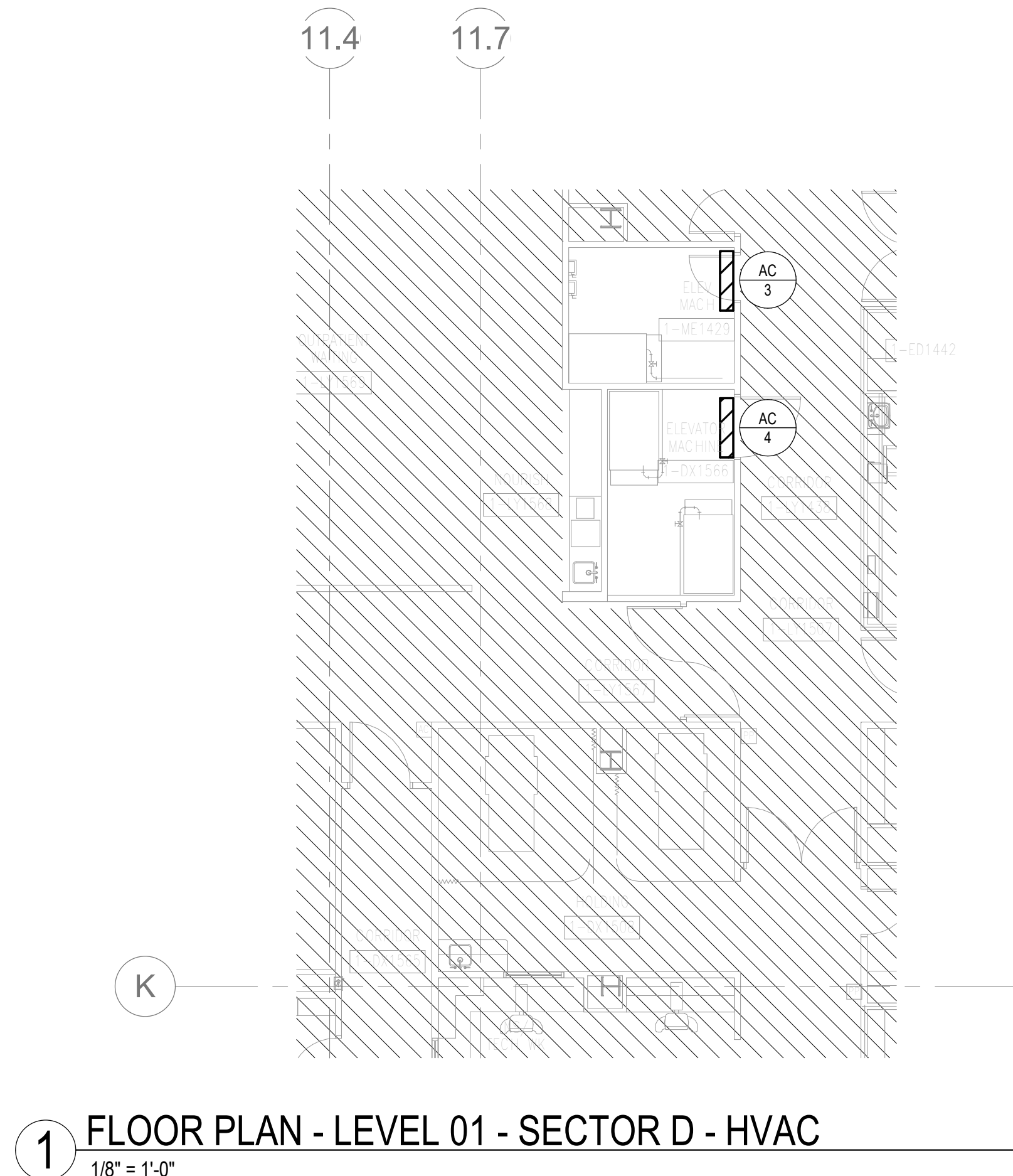
Priority	High
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Discipline	Mechanical
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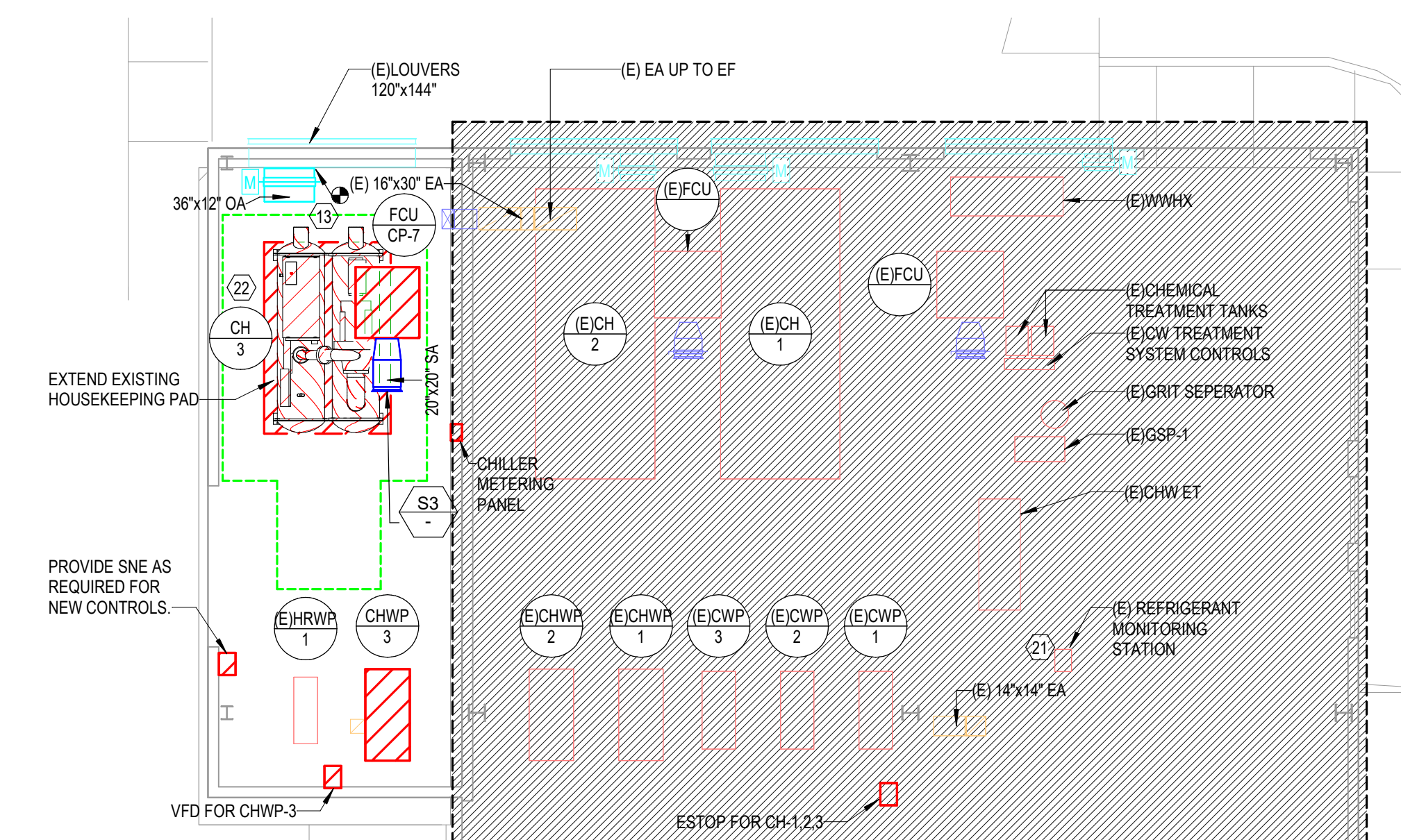
Category	Design Coordination
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Location	-
Location details	-
External ID	-
Co-reviewer(s)	-
Associated Drawing(s)	M02-01
Associated Spec Section(s)	233300 – Air Duct Accessories

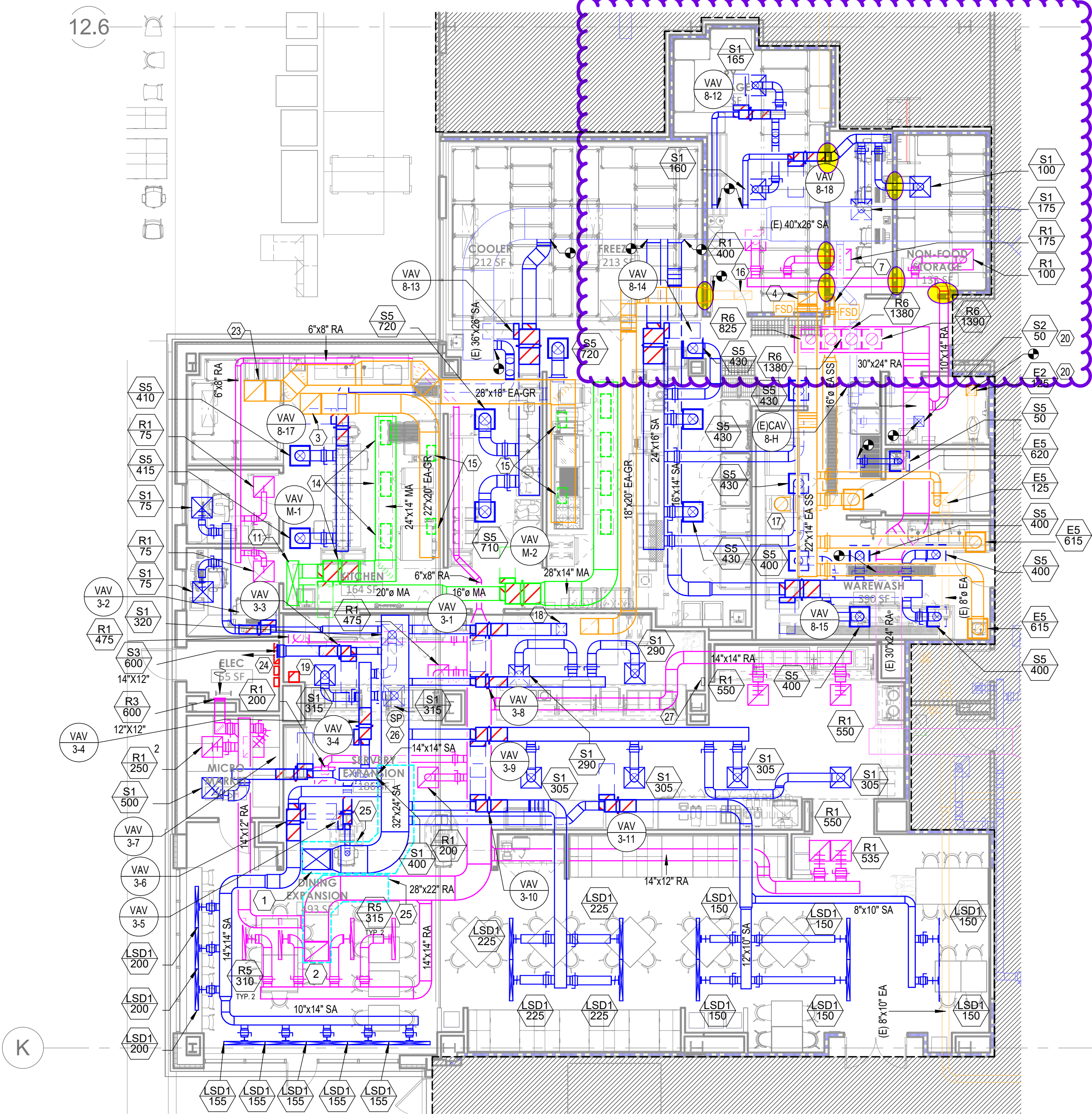
Activities	By	At
Sam Stewart added a reference to a File MO2-01(Dietary-MedSurg 100 CD Drawings)_Contract Drawings_2025-09-04_11-28-51am.pdf	Sam Stewart	Sep 4, 2025, 6:22 PM UTC
Sam Stewart (P1 Construction LLC) created this RFI in  Open In Review status and set Ball in court to Sam Stewart (P1 Construction LLC).	Sam Stewart	Sep 4, 2025, 6:22 PM UTC



1 FLOOR PLAN - LEVEL 01 - SECTOR D - HVAC
1/8" = 1'-0"



2 FLOOR PLAN - LEVEL 01 - SECTOR C - HVAC
1/8" = 1'-0"



3 FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING - HVAC
1/8" = 1'-0"

Reference yellow ovals for areas in question. - Nab-LA-09.04.2025

GENERAL NOTES

- REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
- CONTRACTOR TO VERIFY EXISTING CONDITIONS. EXISTING WORK SHOWN IS APPROXIMATE AND REPRESENTATIVE OF EXISTING DESIGN AND AS-BUILT DRAWINGS.
- PROVIDE REMOTE ADJUSTABLE DAMPERS FOR ANY BALANCING DAMPERS LOCATED ABOVE HARD CEILINGS.
- ACCESS PANELS TO BE PROVIDED FOR ANY MECHANICAL EQUIPMENT OR MECHANICAL DEVICES REQUIRING SERVICE LOCATED ABOVE HARD CEILINGS.
- CONTRACTOR SHALL PROVIDE TEMPORARY EXHAUST FANS FOR ALL EXHAUST SYSTEMS BEING MODIFIED BY THIS PROJECT. COORDINATE TEMPORARY EXHAUST, PHASING, AND ROOM SHUTDOWN REQUIREMENTS WITH OWNER.

LEGEND NOTES

- 32"x24" SA DUCT UP TO RTU-3 ON ROOF.
- 28"x22" RA DUCT UP TO RTU-3 ON ROOF.
- 24"x24" EA DUCT UP TO KEF-2. GREASE EXHAUST TO HAVE TWO HOUR RATED FIRE WRAP.
- 22"x14" STAINLESS STEEL EA DUCT UP TO KEF-5.
- 30"x14" EA DUCT UP TO LEF-1.
- 10"x8" EA DUCT UP TO GEF-31.
- 12"x12" STAINLESS STEEL EA DUCT UP TO KEF-3.
- (E)10"x14" EXHAUST DUCT UP TO ROOF.
- (E)10"x10" EXHAUST DUCT UP TO ROOF.
- 1" EA DUCT DOWN TO DRYER AND UP TO ROOF CAP.
- 52"x14" MA DUCT UP TO MAU-1.
- NOT USED.
- PROVIDE 36"x12" DUCT WITH MOTORIZED DAMPER. PROVIDE SHEET METAL TO COVER REMAINDER OF LOUVER OPENING. CONNECT MOTORIZED DAMPER TO REFRIGERANT MONITORING SYSTEM TO BE CONTROLLED THE SAME AS EXISTING LOUVER DAMPERS.
- CONNECT MAKE UP AIR TO KITCHEN HOOD. PROVIDE DUCT SIZE AND BALANCE CFM.
- CONNECT GREASE EXHAUST TO KITCHEN HOOD. PROVIDE DUCT SIZE AND BALANCE CFM.
- 10"x20" EXISTING EA DUCT UP TO NEW KEF-4. GREASE EXHAUST TO HAVE TWO HOUR RATED FIRE WRAP.
- CONNECT STAINLESS STEEL EXHAUST TO DISHWASHER.
- 1000 CFM OF MAKEUP AIR TO KITCHEN HOOD. CONNECT TO EXISTING MAKEUP AIR CONNECTION.
- RELOCATED EXISTING KITCHEN HOOD FIRE SUPPRESSION SYSTEM.
- BALANCE NEW DIFFUSER/GRIFFLE TO CFM SHOWN.
- MODIFY OR RECALIBRATE REFRIGERANT MONITORING STATION AS NEEDED FOR NEW SENSOR AT CH-3.
- CONNECT CH-3 TO EXISTING REFRIGERANT MONITORING ALARM SYSTEM. PROVIDE NEW HORNS AND STROBES.
- 24"x24" EA DUCT UP TO KEF-1. GREASE EXHAUST TO HAVE TWO HOUR RATED FIRE WRAP.
- VFDS FOR KEF-1, KEF-2, KEF-4, AND KEF-5. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS AND LABELS.
- PROVIDE SOUND LAGGING FOR 15' OF HORIZONTAL DUCT AND VERTICAL DUCT UP TO RTU AS SHOWN WITH DASHED LINE. REFER TO DETAIL 01M07-02.
- PROVIDE STATIC PRESSURE SENSOR FOR RTU-3.
- PROVIDE EPO BUTTON FOR RTU-3.

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Consultant:
WSP

STATE OF MISSOURI
JONATHAN J. KIRK
NUMBER
PE-2021039369
12/05/2024
WSP USA Buildings Inc. 2013001881

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INPATIENT BED EXPANSION

HCA - LEE'S SUMMIT MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS

REV #	DESCRIPTION	DATE
1	DATE:	2024/12/05
2	SCALE:	1/8" = 1'-0"
3	DRAWN:	HO
4	REVIEWED:	JD
5	JOB NUMBER:	6406.24

FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING - HVAC

M02-01