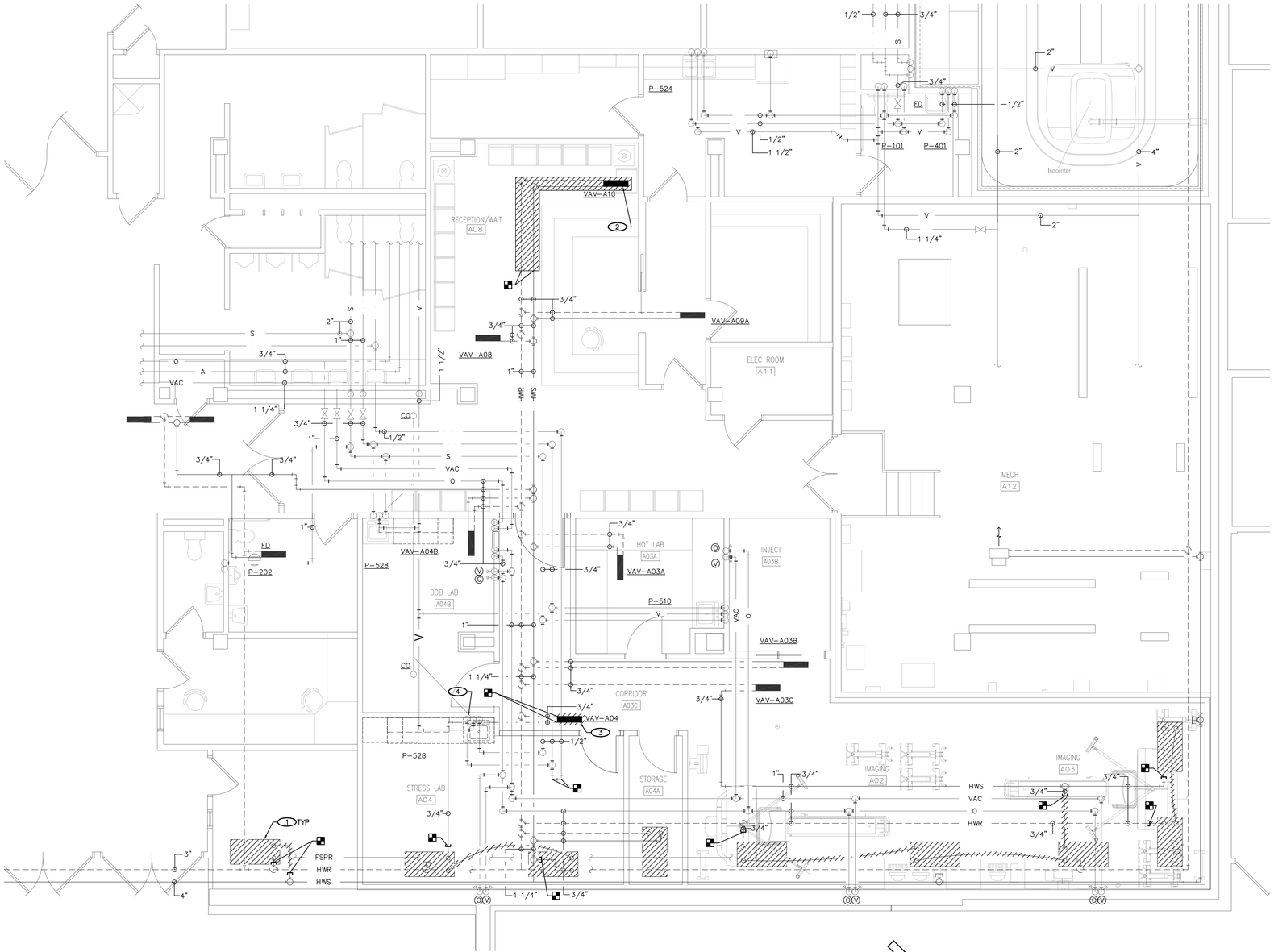
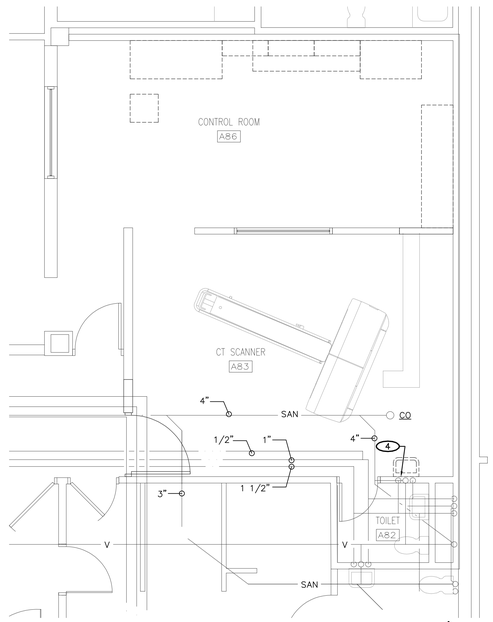
MECHANICAL KEYNOTES: (⬭)

1. DEMOLISH EXISTING HYDRONIC RADIANT CEILING PANELS. CAP PIPING AT MAINS (TYP. ALL).
2. DEMOLISH EXISTING VAV BOX AND SALVAGE FOR RE-INSTALLATION. DEMOLISH EXISTING HWS AND HWR PIPING AS SHOWN. SALVAGE EXISTING HYDRONIC CONTROL VALVE FOR RE-INSTALLATION. SEE **SHEET MP101** FOR NEW HWS AND HWR PIPING.
3. DEMOLISH EXISTING VAV BOX AND SALVAGE FOR RE-INSTALLATION. EXISTING PIPING TO REMAIN. SEE **SHEET MP101** FOR RECONNECTION OF EXISTING HWS AND HWR PIPING TO NEW VAV BOX.
4. DEMOLISH EXISTING SINK, ASSOCIATED PIPING AND ACCESSORIES. CAP DOMESTIC WATER, VENT, AND SANITARY PIPING AT MAIN. PATCH WALL TO MATCH EXISTING.



2F NUCLEAR MEDICINE AREA MECHANICAL PIPING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



8C CT SCANNER AREA MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

REF IN

BID DOCUMENTS	10/10/2018
CONSTRUCTION DOCUMENTS 100% SUBMITTAL – UPDATE	9/28/2018
CONSTRUCTION DOCUMENTS 100% SUBMITTAL	9/7/2018
DESIGN DEVELOPMENT 90% SUBMITTAL	8/3/2018
SCHEMATIC DESIGN 36% SUBMITTAL 2	7/5/2018
SCHEMATIC DESIGN 35% SUBMITTAL	6/6/2018
Revisions:	Date:

CONSULTANT

Mechanical / Electrical Engineering:
Farris Engineering
12700 W Dodge Road
Omaha, NE 68154
(402) 330-5900
Robert Hotovy

Structural Engineering:
Shaffer & Stevens, P.C.
9910 N 48th Street
Omaha, NE 68152
(402) 455-7698
Donn Shaffer

ARCHITECT/ENGINEER OF RECORD

A/E:
CLH Architects
3705 N 200th St
Elkhorn, NE 68022
(402) 291-6941
Tim Werner

CLH Calvin L. Hinz ARCHITECTS, PC

STAMP

PROFESSIONAL MECHANICAL ENGINEER
BRIAN D. HOWELL
E-15785
STATE OF NEBRASKA
10/10/18

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: Mechanical Demolition Plan
Phase: BID DOCUMENTS
Project Title: Second CT Scanner Site Prep Design
Project Number: 438-18-103
Building Number: 5
Approved: Project Director
FULLY SPRINKLERED
Location: Sioux Falls, SD
Issue Date: October 10, 2018
Checked: BDH
Drawn: AMM
Drawing Number: MD102

FARRIS ENGINEERING
OMAHA | LINCOLN | SIDNEY | COLORADO SPRINGS
farris-usa.com
FE#:182035

File Path: \\omo-data01\Projects\2018\182035\CAD\HVAC\182035_MD101.dwg MD102 10/10/18 11:24am cse

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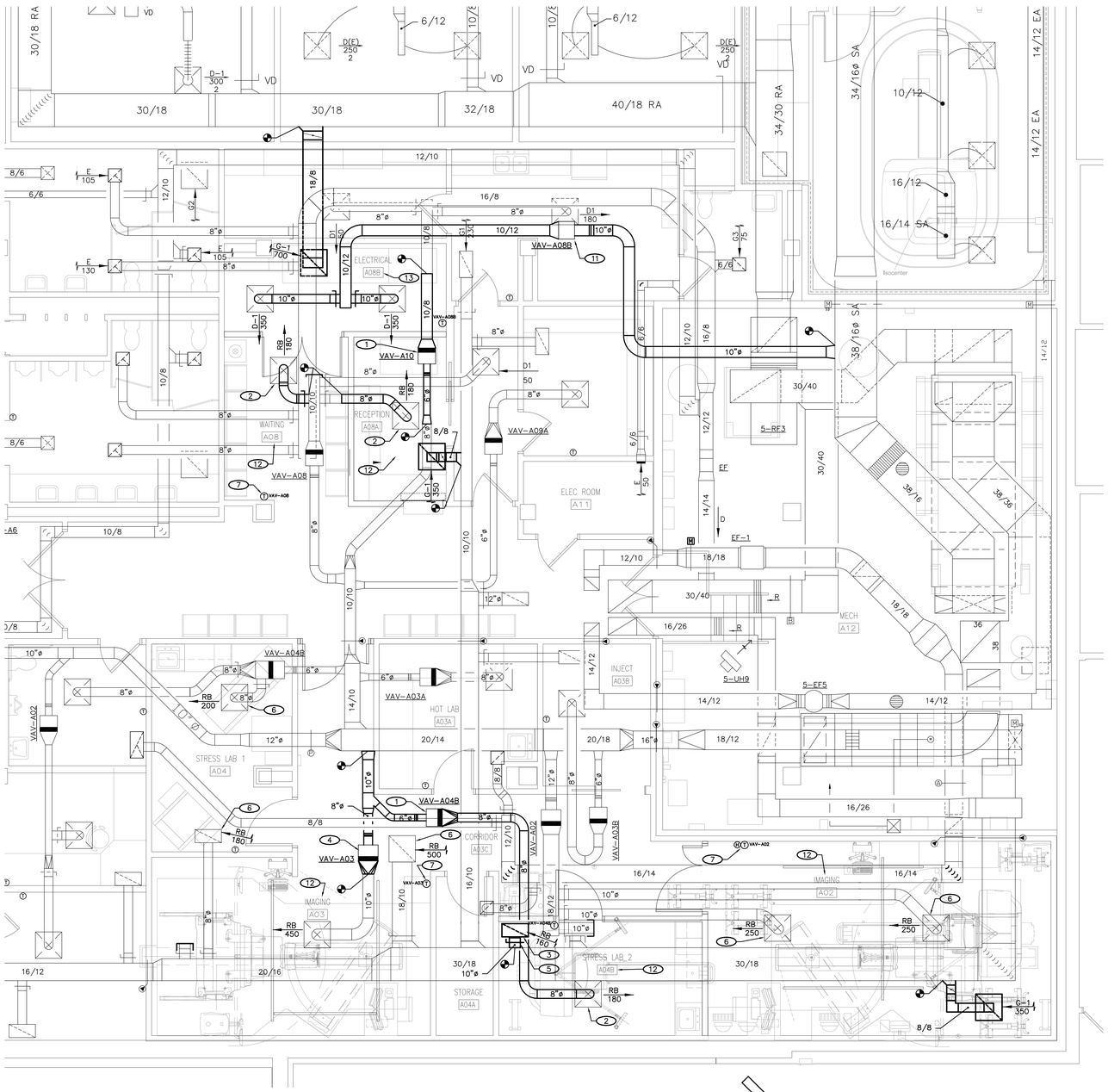
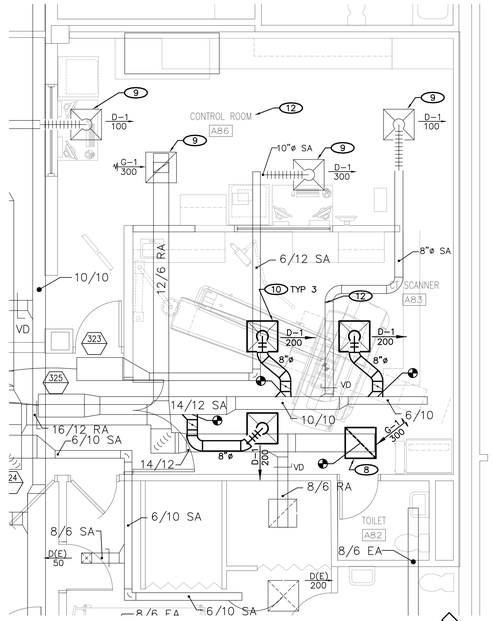
MECHANICAL KEYNOTES: (⬭)

1. RE-INSTALL EXISTING VAV BOX. PROVIDE NEW SUPPLY AIR DUCTWORK, TRANSITIONS, HANGERS, AND ASSOCIATED APPURTENANCES. RECONNECT CONTROL WIRING FROM THERMOSTAT TO VAV BOX AND FROM VAV BOX TO EXISTING HYDRONIC CONTROL VALVE. SEE **DETAIL 1/M-701** (SIMILAR).
2. RE-INSTALL EXISTING SUPPLY AIR DIFFUSER. THOROUGHLY CLEAN DIFFUSER PRIOR TO RE-INSTALLATION. RE-BALANCE TO CFM SHOWN.
3. RE-INSTALL EXISTING RETURN AIR GRILLE. THOROUGHLY CLEAN GRILLE PRIOR TO RE-INSTALLATION. RE-BALANCE TO CFM SHOWN.
4. PROVIDE NEW VAV BOX. PROVIDE NEW SUPPLY AIR DUCTWORK, TRANSITIONS, HANGERS, AND ASSOCIATED APPURTENANCES. CONNECT NEW CONTROL WIRING FROM NEW THERMOSTAT TO VAV BOX AND FROM VAV BOX TO NEW HYDRONIC CONTROL VALVE. SEE **SHEET M-301** FOR NEW VAV BOX PERFORMANCE DATA. SEE **DETAIL 1/M-701**.
5. PROVIDE NEW RETURN AIR DUCTWORK, TRANSITIONS, HANGERS, AND ASSOCIATED APPURTENANCES.
6. RE-BALANCE TO CFM SHOWN.
7. RE-INSTALL EXISTING THERMOSTAT. RE-CONNECT CONTROL WIRING.
8. PROVIDE NEW RETURN AIR GRILLE. RECONNECT TO EXISTING DUCTWORK AND ADJUST LOCATION AS REQUIRED TO MATCH NEW CEILING GRID LAYOUT. SEE **SHEET M-701** FOR DIFFUSER PERFORMANCE DATA.
9. EXISTING DIFFUSERS TO REMAIN. RELOCATE AS REQUIRED TO MATCH NEW CEILING GRID LAYOUT.
10. PROVIDE NEW SUPPLY AIR DIFFUSERS. SEE **SHEET M-701** FOR DIFFUSER PERFORMANCE DATA.
11. PROVIDE NEW VAV BOX. PROVIDE NEW SUPPLY AIR DUCTWORK, TRANSITIONS, HANGERS, AND ASSOCIATED APPURTENANCES. CONNECT NEW CONTROL WIRING FROM NEW THERMOSTAT TO VAV BOX. SEE **SHEET M-501** FOR NEW VAV BOX PERFORMANCE DATA. SEE **DETAIL 1/M-701** FOR NEW VAV BOX DETAIL.
12. REMOVE EXISTING SPRINKLER HEADS AND REPLACE AS NECESSARY TO ACCOMMODATE NEW CEILING AND ROOM LAYOUT. NEW SPRINKLER LAYOUT SHALL BE LIGHT HAZARD. CONTRACTOR SHALL FIELD VERIFY IF EXISTING SPRINKLER HEADS ARE ON FLEXIBLE DROP. IF ON FLEXIBLE DROP REMOVAL AND REPLACEMENT IS NOT NECESSARY. NEW SPRINKLER DROP SHALL BE FLEXIBLE DROP.
13. REMOVE EXISTING SPRINKLER HEADS AND REPLACE AS NECESSARY TO ACCOMMODATE NEW CEILING AND ROOM LAYOUT. NEW SPRINKLER LAYOUT SHALL BE ORDINARY HAZARD GROUP 1. NEW SPRINKLER DROP SHALL BE FLEXIBLE DROP.



2F NUCLEAR MEDICINE AREA HVAC PLAN
SCALE: 1/4" = 1'-0"

REF



8C CT SCANNER AREA HVAC PLAN
SCALE: 1/4" = 1'-0"

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STAMP

PROFESSIONAL MECHANICAL ENGINEER
BRIAN D. HOWELL
E-15765
STATE OF NEBRASKA
10/10/18

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: HVAC Plan	Phase: BID DOCUMENTS	Project Title: Second CT Scanner Site Prep Design	Project Number: 438-18-103
			Building Number: 5
Approved: Project Director	FULLY SPRINKLERED	Location: Sioux Falls, SD	Drawing Number: MH101
		Issue Date: October 10, 2018 / Checked: JDH / Drawn: JDH	

File Path

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