UNITED STATES DEPARTMENT OF VETERANS AFFAIRS
V.A. MEDICAL CENTER
3200 Vine St, Cincinnati, OH 45220
Correct Imaging Tower Deficiencies
Project # 539-25-508

INFECTION CONTROL GENERAL NOTES

A.	PROVIDE TEMPORARY BARRIER WALLS, BASIS OF DESIGN: STARC SYSTEMS, FOR ACTIVITIES CAUSING DUST AND/OR DEBRIS, OR AT EXTERIOR LOCATIONS TO PREVENT PEOPLE OR WEATHER INTRUSION. MAINTAIN 5' CLEAR IN CORRIDORS LESS THAN 7'6" WIDE, AND 6' CLEAR IN LARGER CORRIDORS. PROVIDE ACCESS DOORS AS NECESSARY.

DRAWING INDEX

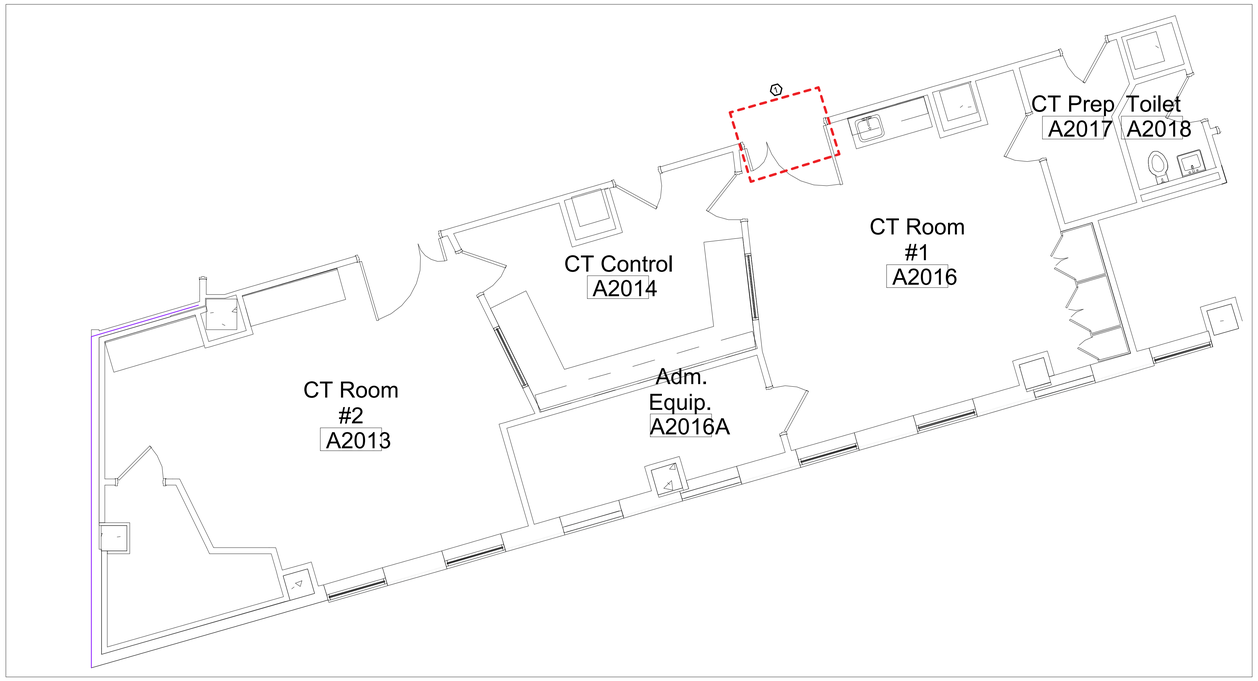
SHEET #	SHEET TITLE
G001	COVER SHEET
AD101	DEMOLITION PLAN
A101	NEW WORK PLAN 1
A102	NEW WORK PLAN 2
A103	NEW WORK PLAN 3
A104	NEW WORK PLAN 4
P101	PHOTOS CURRENT COND
P102	PHOTO EXAMPLES

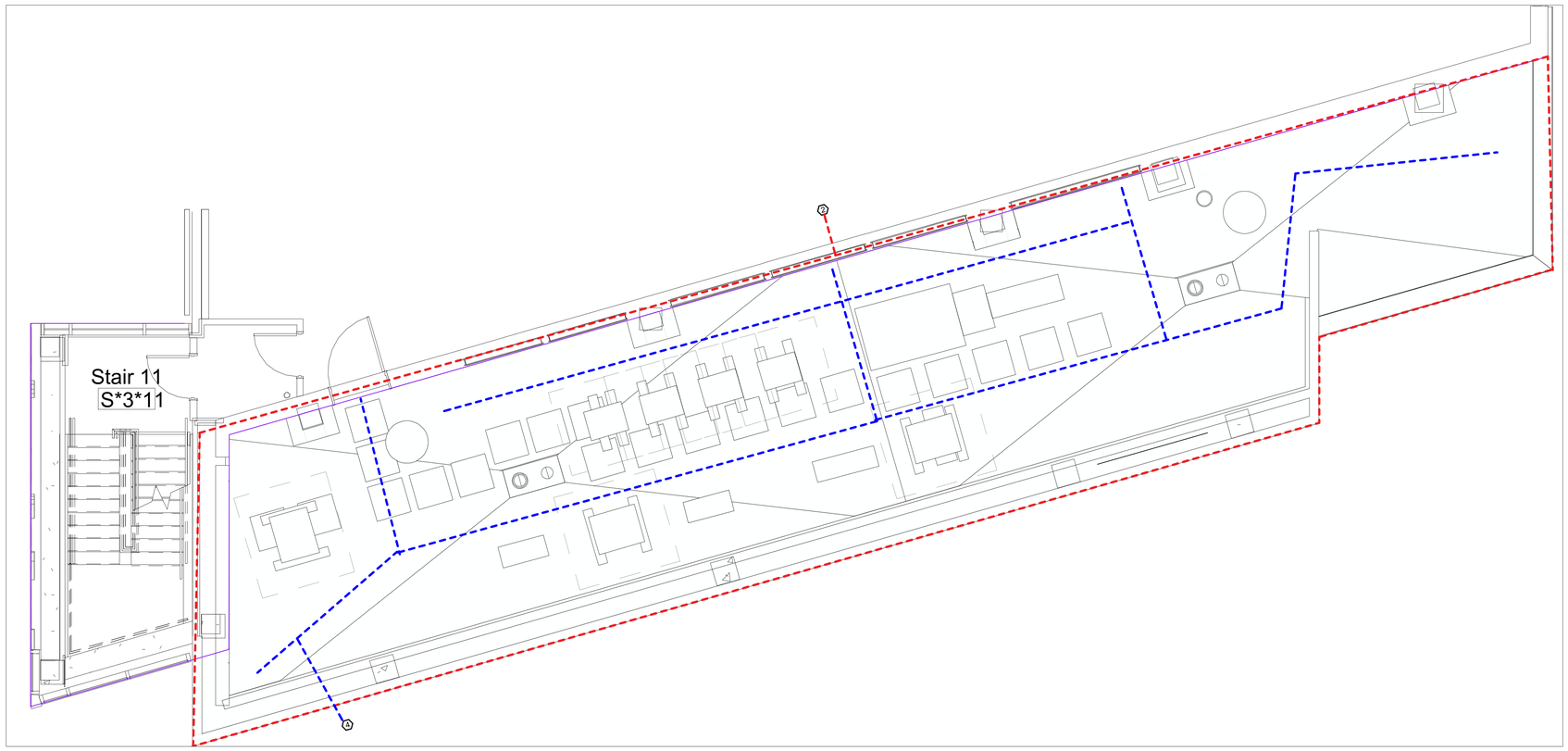
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: COVER SHEET	Phase: CONSTRUCTION DOCUMENTS	Project Title: Correct Imaging Tower Deficiencies	Project Number: 539-25-508
Approved: CHIEF OF ENGINEERING ZACH SCHMIDT	FULLY SPRINKLERED	Location: CINCINNATI, OHIO (539)	Building Number: 01
		Issue Date: 3/24/2026 / Checked: / Drawn: LH	Drawing Number: G001

VA FORM 08 - 6231





DEMO PLAN
SCALE | 1/4" = 1' - 0"

GENERAL NOTES

A. EXISTING ROOF METAL DECK.
B. EXISTING PENETRATIONS TO REMAIN. SEE DETIALS FOR FLASHING CONDITIONS.
C. ROOF DRAINS TO BE PROTECTED THROUGH OUT THE ENTIRE PROCESS ALLOWING FOR FUNCTIONALITY AND PROTECTED FROM DEBRIS.

PLAN NOTES ⬡

1. REMOVE TWO EXISTING DOORS.
2. REMOVE ROOF SURFACE AND PREP FOR REPAIR.

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: DEMOLITION PLAN	Phase: CONSTRUCTION DOCUMENTS	Project Title: Correct Imaging Tower Deficiencies	Project Number: 539-25-508
			Building Number: 01
Approved: CHIEF OF ENGINEERING ZACH SCHMIDT	FULLY SPRINKLERED	Location: CINCINNATI, OHIO (539)	Drawing Number: AD101
		Issue Date: 3/24/2026 / Checked: / Drawn: LH	

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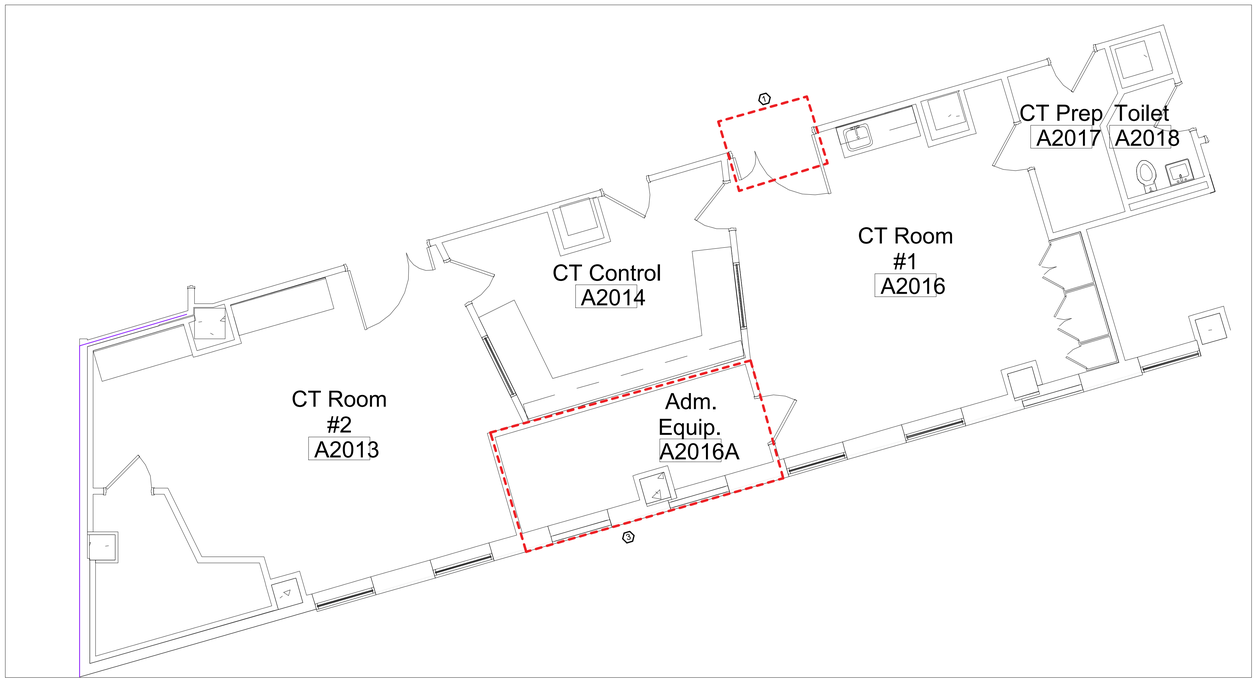

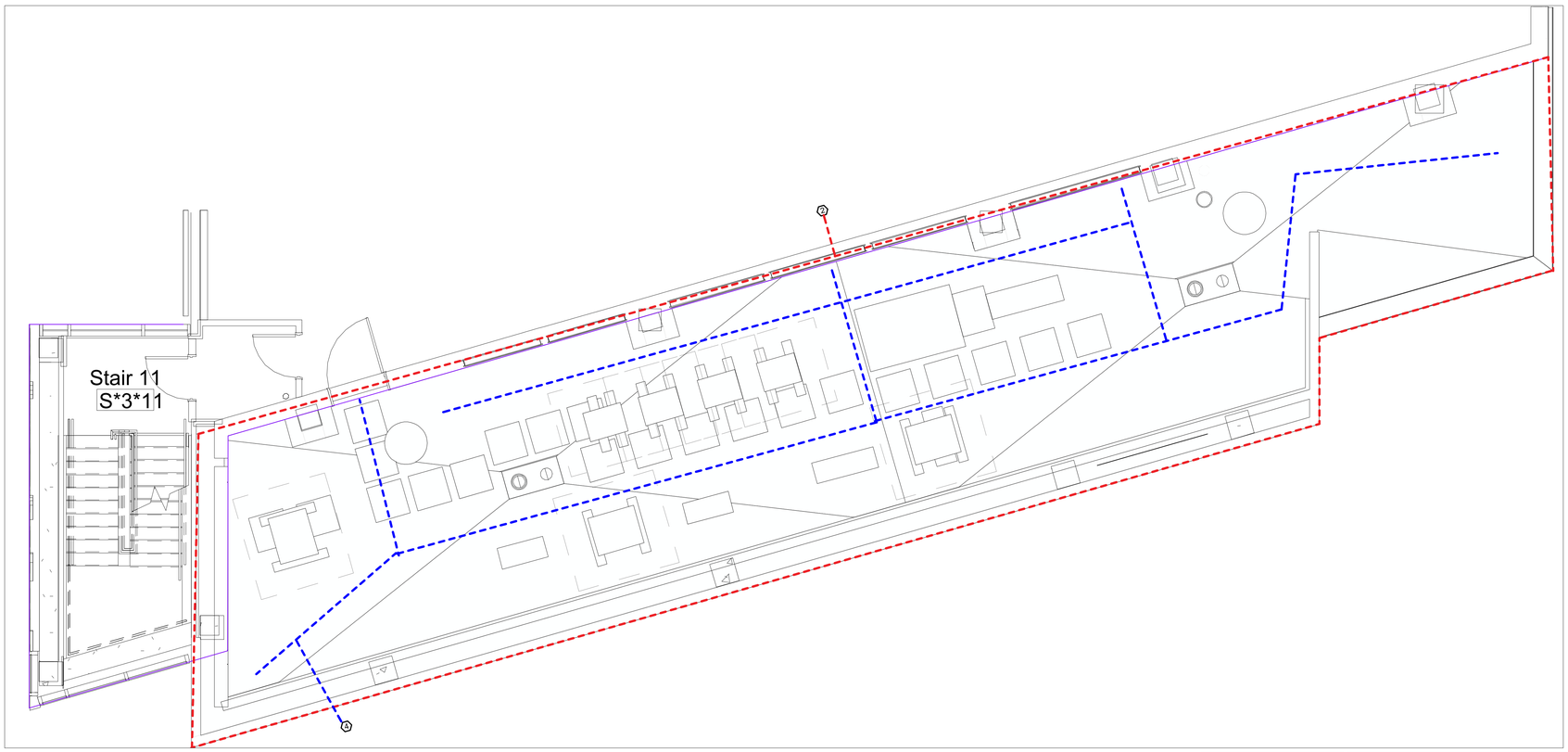

GENERAL NOTES

A. COORDINATE ALL DIMENSIONS, UTILITY CONNECTIONS, AND EQUIPMENT LOCATIONS PRIOR TO INSTALLATION.
B. ALL NEW MATERIALS SHALL BE INSTALLED PER MANUFACTURER REQUIREMENTS AND VA SPECIFICATIONS.
C. KEEP ALL EQUIPMENT ON THE ROOF UP AND RUNNING DURING CONSTRUCTION, AND ENSURE AIR INTAKES ARE PROTECTED (TYPICALLY CHARCOAL FILTER) SO THAT SMELLS FROM THE WORK DO NOT TRAVEL INTO THE IMAGING/BED TOWER.

PLAN NOTES

1. INSTALL NEW LEAD-LINED DOOR. (REFERENCE PG 18-14 FOR REQUIREMENTS)
2. INSTALL NEW ROOF. (IN FAVOR FOR SOMETHING LIKE THE NEW ASPHALT ROOF WE HAVE TODAY)
3. INSTALL DUCTLESS SPLIT SYSTEM WITH CAPACITY TO COOL AT A RATE OF UP TO 30K BTU/HR.
4. NEW CONTINUOUS FRP GRATED WALKWAY SYSTEM AT EXISTING LOCATION. (EX. BELOW THE NEED IS TO SERVICE ALL ROOF EQUIPMENT USING WALKWAY)

NEW WORK PLAN 1
SCALE | 1/4" = 1' - 0"

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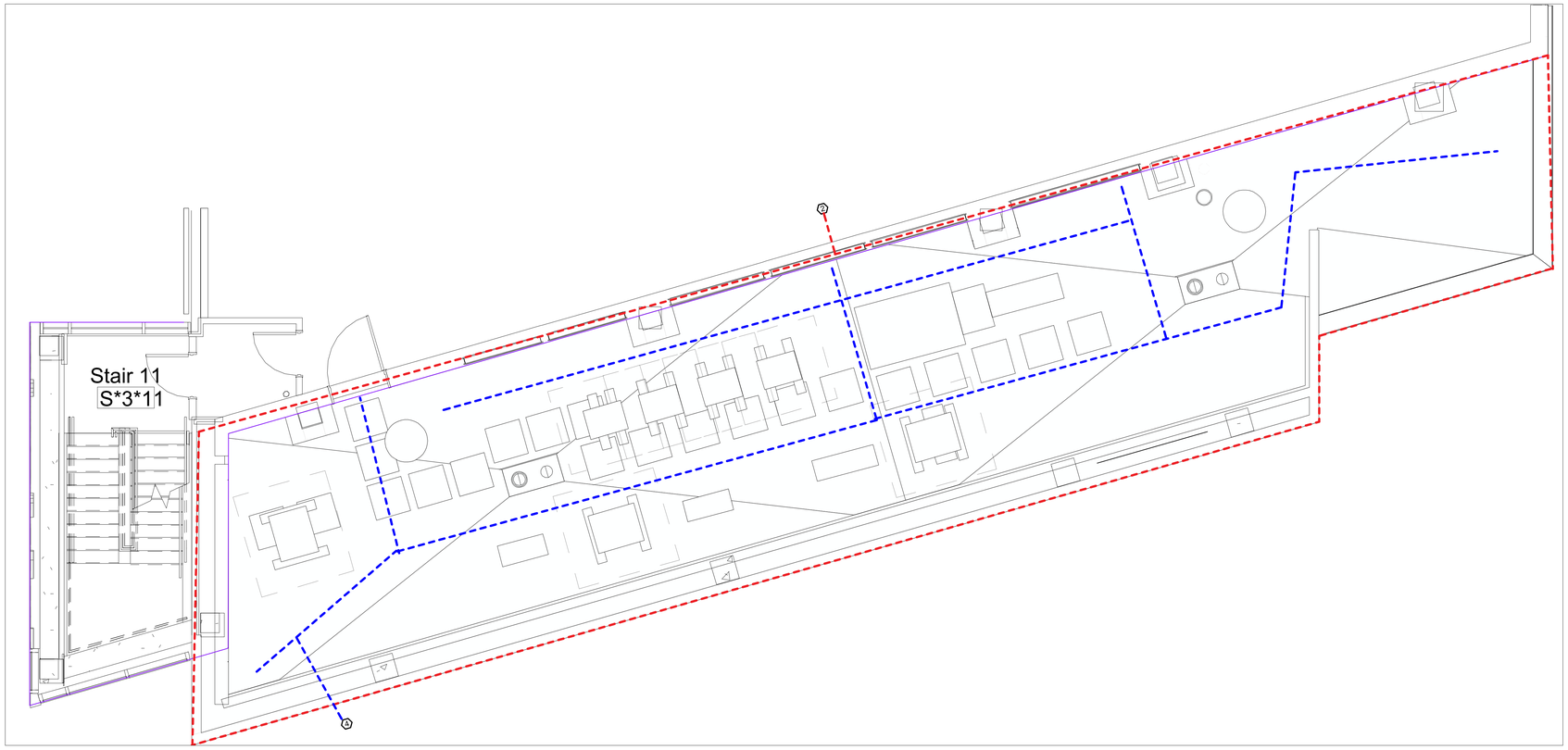
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: NEW WORK PLAN 1	Phase: CONSTRUCTION DOCUMENTS	Project Title: Correct Imaging Tower Deficiencies	Project Number: 539-25-508
			Building Number: 01
Approved: CHIEF OF ENGINEERING ZACH SCHMIDT	FULLY SPRINKLERED	Location: CINCINNATI, OHIO (539)	Drawing Number: A101
		Issue Date: 3/24/2026 / Checked: / Drawn: LH	



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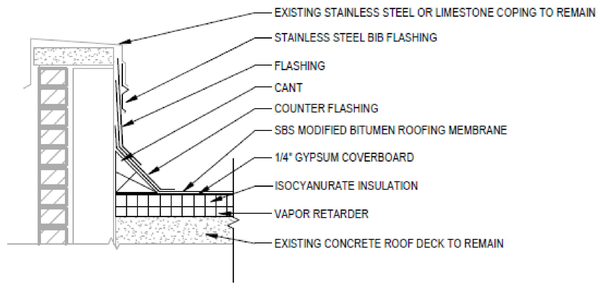
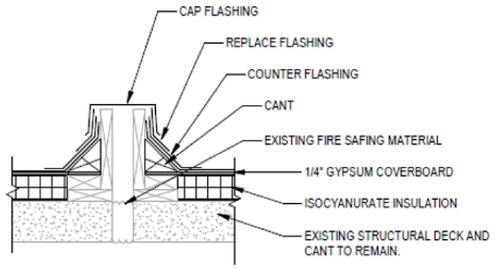
PLAN NOTES ⬡

1. NEW CONTINUOUS FRP GRATED WALKWAY SYSTEM AT EXISTING LOCATION. (EX. BELOW THE NEED IS TO SERVICE ALL ROOF EQUIPMENT USING WALKWAY)
2. REFERENCE BOTH NOTE C AND V BELOW TO UNDERSTAND HOW BOTH THE PARAPET AND ROOF CURBS ARE TO BE COMPLETED.



C PARAPET WALL FLASHING AT ROOF REPLACEMENT



V ROOF CURB REPLACEMENT

NEW WORK PLAN 2
SCALE | 1/4" = 1' - 0"

VA FORM 08 - 6231

Office of Construction and Facilities Management	Drawing Title: NEW WORK PLAN 2	Phase: CONSTRUCTION DOCUMENTS	Project Title: Correct Imaging Tower Deficiencies		Project Number: 539-25-508
					Building Number: 01
VA U.S. Department of Veterans Affairs	Approved: CHIEF OF ENGINEERING ZACH SCHMIDT	FULLY SPRINKLERED	Location: CINCINNATI, OHIO (539)		Drawing Number: A102
			Issue Date: 3/24/2026	Checked:	Drawn: LH

Chapter 276 Radiology Service

Rm Cde	Space Name	Floor	Base	Wall	Wain	Ceiling	Door	HW Nr	ID
FA4: Computed Tomography (CT) Patient Area									
WRC01	Sub-Waiting, CT	m:CPT [6] m:LVT	m:PRB [8]	m:GWB [5] f:P		m:AT	m:Wood t:1 dg:T s:S	hw:4K	3604
XCTS1	Scanning Room, CT [50, 60]	m:WSF	m:WSF h:4"	m:GWB [64] f:P		m:AT	m:Wood t:15 dl:LEAD s:S s:X	hw:4Q	3605

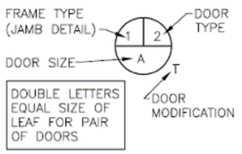
- m: Wood - just indicates that the door should be made of wood.
- t: 15 - indicates that the door is type 15.
- dl: LEAD - indicates it shall be a lead lined door.
- s: S / X - indicates the size of the door shall be “S” or “X”, which is noted in PG 18-4 under “All Div 08 Details”.
- Hardware set is 4Q comes directly from specification section 08 71 00.
- Pivot Set.
- Passage Mortis Set.
- Intermediate Pivots.
- Corbin Russwin Passage.
- Edge Guards, Armor Plate
- Automatic Operator With Hold Open.
- Automatic Flush Bolt.
- Rixson Pivot Hinges

DOOR SIZES

MK	WIDTH IN	WIDTH [mm]	HEIGHT IN	HEIGHT [mm]	MK	WIDTH IN	WIDTH [mm]	HEIGHT IN	HEIGHT [mm]
A	1'–6"	[457]	6'–8"	[2032]	N	2'–0"	[610]	7'–0"	[2134]
B	2'–0"	[610]	6'–8"	[2032]	O	2'–2"	[660]	7'–0"	[2134]
C	2'–2"	[660]	6'–8"	[2032]	P	2'–4"	[711]	7'–0"	[2134]
D	2'–4"	[711]	6'–8"	[2032]	Q	2'–6"	[762]	7'–0"	[2134]
E	2'–6"	[762]	6'–8"	[2032]	R	2'–8"	[813]	7'–0"	[2134]
F	2'–8"	[813]	6'–8"	[2032]	S	3'–0"	[914]	7'–0"	[2134]
G	2'–10"	[864]	6'–8"	[2032]	T	3'–4"	[1016]	7'–0"	[2134]
H	3'–0"	[914]	6'–8"	[2032]	U	3'–6"	[1067]	7'–0"	[2134]
I	3'–2"	[965]	6'–8"	[2032]	V	3'–8"	[1118]	7'–0"	[2134]
J	3'–4"	[1016]	6'–8"	[2032]	W	3'–10"	[1168]	7'–0"	[2134]
K	3'–8"	[1118]	6'–8"	[2032]	X	4'–0"	[1219]	7'–0"	[2134]
L	3'–10"	[1168]	6'–8"	[2032]	Y	3'–0"	[914]	8'–0"	[2438]
M	1'–6"	[457]	7'–8"	[2337]	Z	UNASSIGNED			

DOOR MODIFICATIONS
- A LAMINATED GLASS
- D DOUBLE GLAZED
- TEMPERED GLASS
- H ELECTRIC HOLD
- L LOUVER
- LP LIGHT PROOF LOUVER
- M MECH. SEAL FOR LIGHT PROOF & SOUND RETARDING DOOR
- T TEMPERED GLASS
- U UNDERCUT 1" [25mm]
- V LEAD GLASS
- F FIRE RATED GLAZING

DOOR SYMBOL



DOUBLE LETTERS EQUAL SIZE OF LEAF FOR PAIR OF DOORS

LEGEND (SEE ELEVATIONS)
- GLASS OR LOUVER REQUIRED BY MODIFICATION
- GLASS OR LOUVER REQUIRED BY ELEVATION TYPE

NOTES:
1. ALL DOORS SHALL BE FLUSH – 1 3/4" [44mm] THICK UNLESS NOTED OTHERWISE.
2. TOP & SIDE RAILS SHALL BE 9" [229mm] MIN. BOTTOM RAILS SHALL BE 12" MIN. [305mm].
3. DOOR TYPES 7, 8, & 9 SHALL NOT BE USED FOR OPPOSING DOORS.
4. FOR SCHEDULING DOOR TYPES, SEE PG–18–14.
5. EVEN NUMBERS ARE METAL; ODD NUMBERS ARE WOOD.

GENERAL NOTES

A. COORDINATE ALL DIMENSIONS, UTILITY CONNECTIONS, AND EQUIPMENT LOCATIONS PRIOR TO INSTALLATION.
B. ALL NEW MATERIALS SHALL BE INSTALLED PER MANUFACTURER REQUIREMENTS AND VA SPECIFICATIONS.
C. KEEP ALL EQUIPMENT ON THE ROOF UP AND RUNNING DURING CONSTRUCTION, AND ENSURE AIR INTAKES ARE PROTECTED (TYPICALLY CHARCOAL FILTER) SO THAT SMELLS FROM THE WORK DO NOT TRAVEL INTO THE IMAGING/BED TOWER.

PLAN NOTES

1. INSTALL NEW LEAD-LINED DOOR. (REFERENCE PG 18-14 FOR REQUIREMENTS)

NEW WORK PLAN 3
SCALE | 1/4" = 1' - 0"

VA FORM 08 - 6231

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: NEW WORK PLAN 3	Phase: CONSTRUCTION DOCUMENTS	Project Title: Correct Imaging Tower Deficiencies	Project Number: 539-25-508
Approved: CHIEF OF ENGINEERING ZACH SCHMIDT	FULLY SPRINKLERED	Location: CINCINNATI, OHIO (539)	Building Number: 01
		Issue Date: 3/24/2026 / Checked: / Drawn: LH	Drawing Number: A103

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MARBQ30AA3

Carrier

Submittal Data

Turn to the experts

Job Data: | Location:

Buyer: | Buyer P.O. #: | Carrier #:

Unit Number: | Model Number:

Performance Data Certified By: | Date:

STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Modes: Cool, Heat, Dry, Fan, Auto
- Quiet operation
- Anti-corrosive fin coating

LIMITED WARRANTY*
- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years

*For residential applications.
See warranty for full details.

NOTE: Images for illustration purposes only. Actual models may be slightly different.

System	Size		30
	Outdoor Model		38MARBQ30AA3
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	23
	MOCP - Fuse Rating	A.	30
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-22~122 (-30~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~86 (-30~30)
Piping	Total Piping Length	ft (m)	164 (50)
	Piping Lift*	ft (m)	82 (25)
	Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8 (16)
Refrigerant	Refrigerant Type		R410A
	Metering Device		EEV
	Charge	lbs (kg)	6.06 (2.75)

* Condensing unit above or below indoor unit
For Compatibility See Product Data

Outdoor Coil	Face Area	Sq. Ft.	13.1
	No. Rows		3
	Fins per inch		18
	Circuits		6
Compressor	Type		Rotary Inverter
	Model		KTF250D22UMT
	Oil Type		VG74
	Oil Charge	Fl. Oz.	22.7
	Rated Current	RLA	15.0
Outdoor	Unit Width	in (mm)	37.24 (946)
	Unit Height	in (mm)	31.89 (810)
	Unit Depth	in (mm)	16.14 (410)
	Net Weight	lbs (kg)	141.76 (64.3)
	Airflow	CFM	2,235
	Sound Pressure	dB(A)	61.5

High Wall Heat Pump Ductless System

Indoor Model: 40MAHBQ30XA3

Carrier

Submittal Data

Job Data: | Location:

Buyer: | Buyer P.O. #: | Carrier #:

Unit Number: | Model Number:

Performance Data Certified By: | Date:

Performance SERIES

STANDARD FEATURES
- Modes: Cool, Heat, Dry, Fan, Auto
- Turbo Mode
- Four fan speeds
- Sleep Mode
- Relative Humidity Sensor
- Intelligent Eye (Occupancy Sensor)
- ECO Mode
- Up-Down Louver control (fixed or swing)
- Follow Me (senses temperature at handheld remote)
- Heating Setback (48° F Heating Mode)
- Quiet indoor operation
- Aluminum Golden Hydrophilic pre-coated fins

CONTROLS:
- Wireless Remote Controller included with indoor unit

LIMITED WARRANTY*
- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years

*For residential applications. See warranty for full details.

System	Size		30
	Indoor Model		40MAHBQ30XA3
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	Power Supply	Indoor unit powered by outdoor unit	
	MCA	A.	0.625
Controls	Wireless Remote Controller (°F/°C Convertible)		Standard
	Wired Remote Controller (°F/°C Convertible)		Optional
Operating Range	Cooling Indoor DB Min -Max	°F(°C)	63~90 (17~32)
	Heating Indoor DB Min -Max	°F(°C)	32~86 (0~30)
Piping	Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8 (16)

Indoor Coil	Face Area	Sq. Ft.	3.60
	No. Rows		3
	Fins per inch		20
	Circuits		7
Indoor	Unit Width	in (mm)	44.88 (1140)
	Unit Height	in (mm)	14.57 (370)
	Unit Depth	in (mm)	10.83 (275)
	Net Weight	lbs (kg)	43.65 (19.8)
	Number of Fan Speeds		4
	Airflow (lowest to highest)	CFM	382/505/646/843
	Sound Pressure (lowest to highest)	dB(A)	38/41/46/52
	Air throw Data	ft (m)	33.8 (10.3)
	Moisture removal	Pint/h (L/h)	7.833 (3.7)
	Field Drain Pipe Size O.D.	in (mm)	0.625 (16)

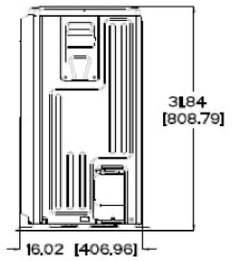
Performance may vary based on the outdoor unit matched to. See compatible outdoor units pages for Performance Data.
For Compatibility See Product Data

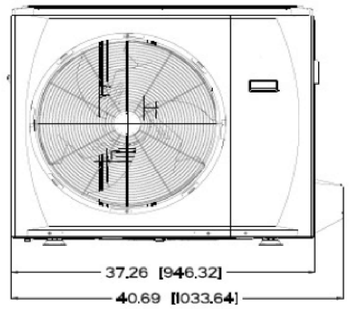
Performance

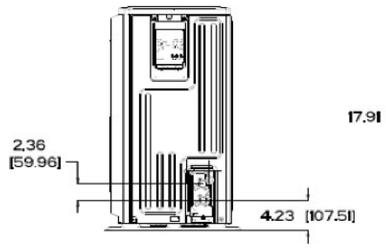
High Wall	Indoor Model		40MAHBQ30XA3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	30,000
	Cooling Cap. Range Min - Max	Btu/h	9,070~30,700
	SEER		20.0
	EER		11.5
	Heating Rated Capacity (47°F)	Btu/h	30,000
	Heating Rated Capacity (17°F)	Btu/h	19,000
	Heating Maximum Capacity (17°F)	Btu/h	20,670
	Heating Maximum Capacity (5°F)	Btu/h	17,200
	Heating Cap. Range Min - Max	Btu/h	8,600~34,800
	HSPF		9.6
	COP (47°F)	W/W	2.60
	COP (17°F)	W/W	2.25
	COP (5°F)	W/W	1.75

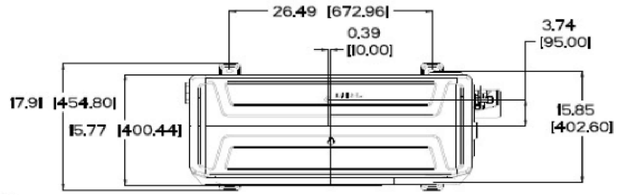
Construction View

Outdoor Model: 38MARBQ30AA3







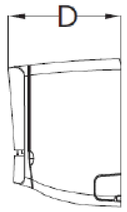


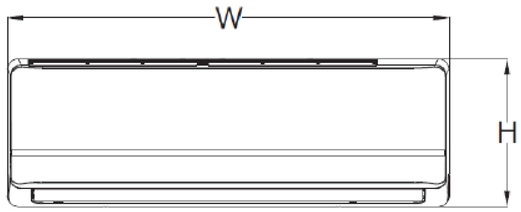
Accessories

KSACN0801AAA	Wired Remote Control 7 Day Programmable
KSACN0101AAA	Wired Remote Control with Timer Function
KSAIF0601AAA	WI-FI™ Kit High Wall Mid-Tier
KSAIC0301230	24V Interface Kit 230V

Construction View

Indoor Model: 40MAHBQ30XA3





Unit Width	in (mm)	44.88 (1140)
Unit Height	in (mm)	14.57 (370)
Unit Depth	in (mm)	10.83 (275)
Net Weight	lbs (kg)	43.65 (19.8)

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PLAN NOTES

1. INSTALL DUCTLESS SPLIT SYSTEM WITH CAPACITY TO COOL AT A RATE OF UP TO 30K BTU/HR.
2. THE INSTALLATION SHOULD BE ALL-INCLUSIVE TO INCLUDE:
- POWER - NEED A DISCONNECT SWITCH AT THE UNIT.
- CARPENTRY - MOUNTING OF INDOOR UNIT TO THE WALL, PROVISION OF ROOF CURBS FOR THE OUTDOOR UNIT, LOCATION SELECTION ON THE ROOF OF THE OUTDOOR UNIT.
- PLUMBING - AS SEEN IN SOME OF OUR NEW TELEDATA ROOMS, THIS UNIT WILL NEED A CONDENSATE PUMP, A DRIP PAN AND A SENSOR.

3. THE DATA PROVIDED WILL GIVE A BASIS OF DESIGN.

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: NEW WORK PLAN 4	Phase: CONSTRUCTION DOCUMENTS	Project Title: Correct Imaging Tower Deficiencies	Project Number: 539-25-508
			Building Number: 01
Approved: CHIEF OF ENGINEERING ZACH SCHMIDT	FULLY SPRINKLERED	Location: CINCINNATI, OHIO (539)	Drawing Number: A104
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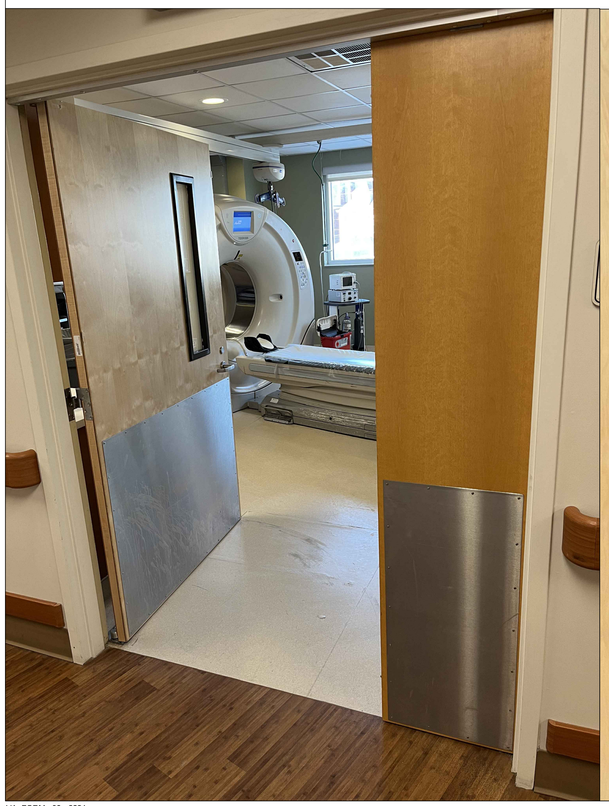

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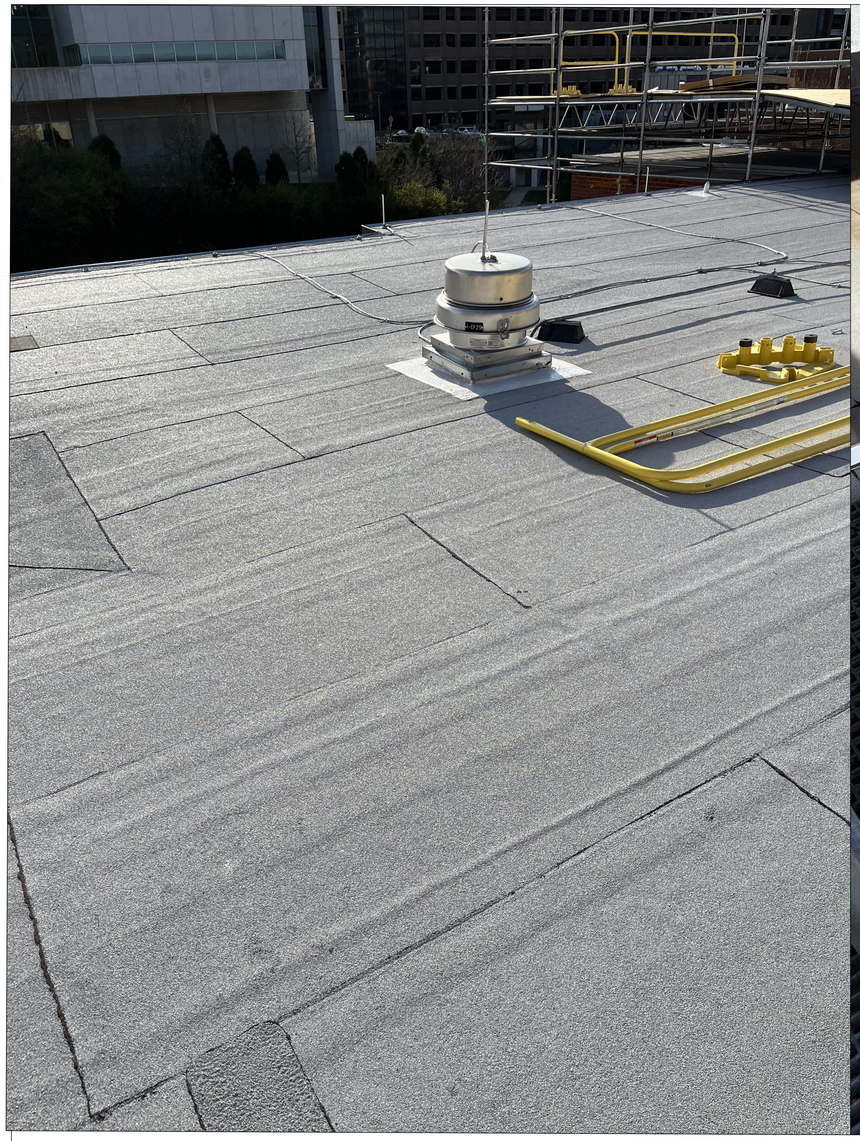

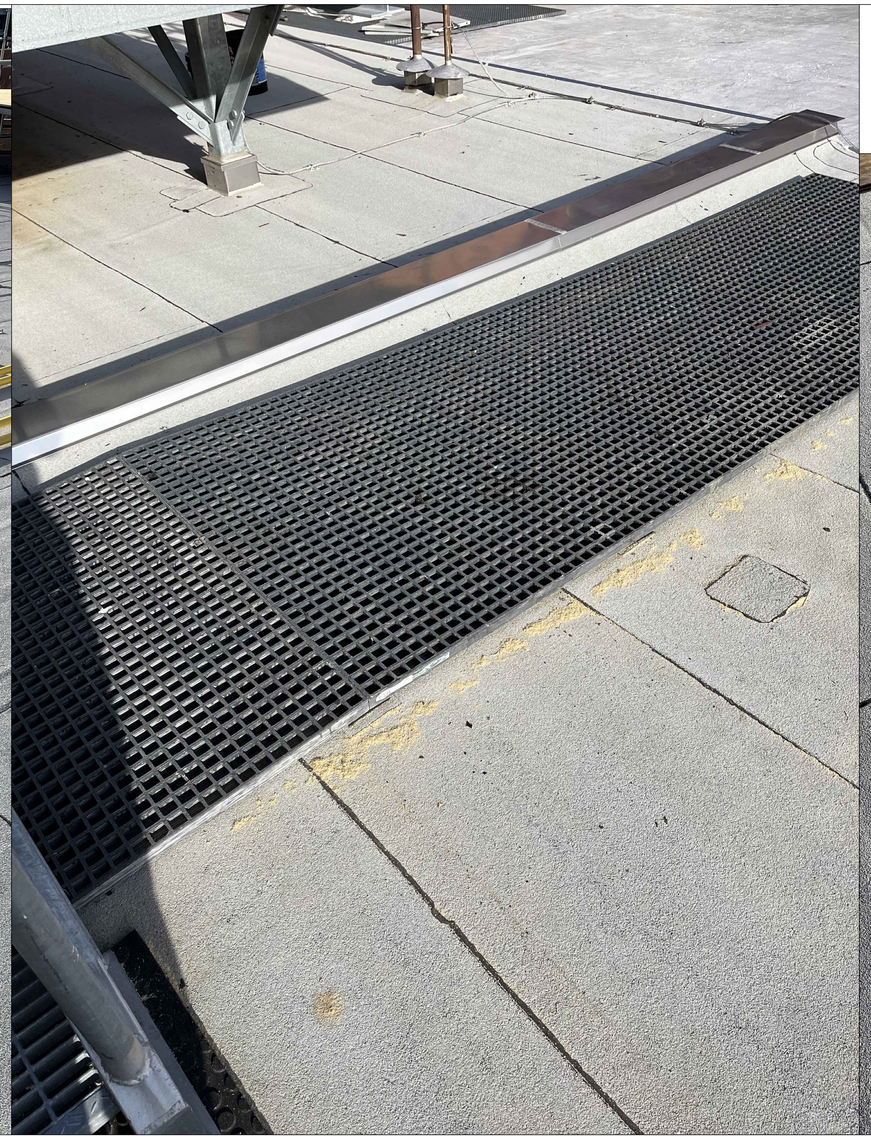

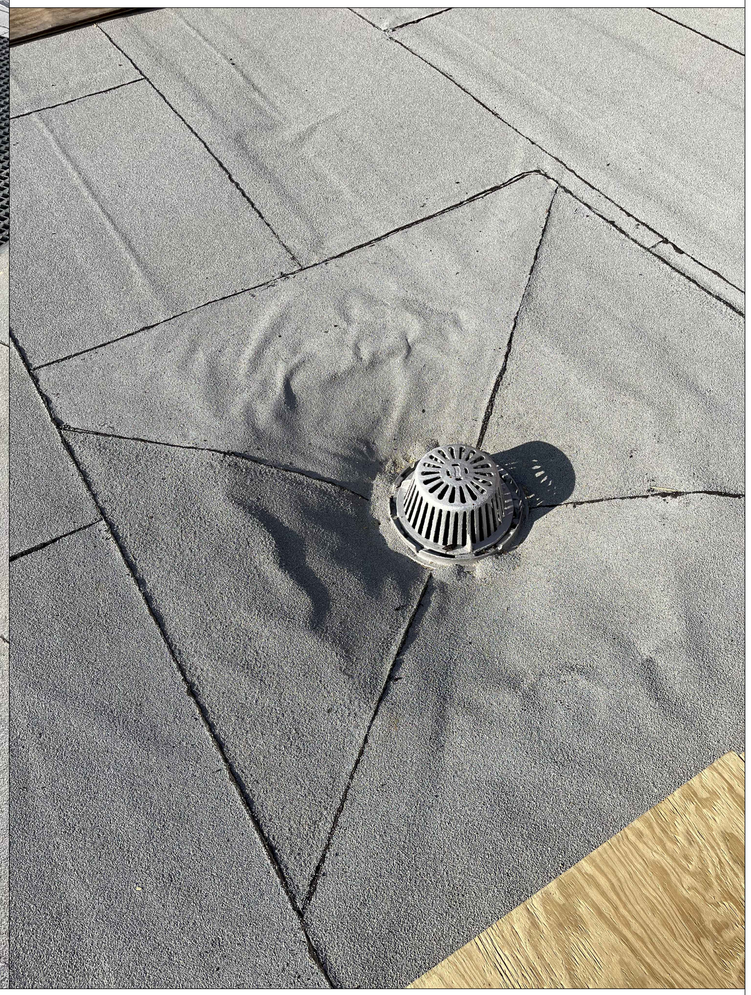

Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title: PHOTOS EXAMPLES	Phase: CONSTRUCTION DOCUMENTS	Project Title: Correct Imaging Tower Deficiencies	Project Number: 539-25-508
	Approved: CHIEF OF ENGINEERING ZACH SCHMIDT	FULLY SPRINKLERED	Location: CINCINNATI, OHIO (539)	Building Number: 01
			Issue Date: 3/24/2026 / Checked: / Drawn: LH	Drawing Number: P102

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