HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENT PROJECTS
1307 BADGER STREET
LA CROSSE, WISCONSIN

26039 **SEPTEMBER 24, 2026** **BID DOCUMENTS**

INDEX OF DRAWINGS

GENERAL
G000 COVER SHEET

MEP- GENERAL
MEP001 MEP GENERAL INFORMATION SHEET

MEP- BECKER
MEP110 FLOOR PLANS
MEP111 FLOOR PLANS, DETAILS, SCHEDULES

ARCHITECTURAL- SAUBER
A220 BUILDING ELEVATIONS

MEP- SAUBER
MEP210 FLOOR PLANS
MEP211 FLOOR PLANS, DETAILS, SCHEDULES

ARCHITECTURAL- SOLBERG
A310 FIRST FLOOR PLAN AND REFLECTED CEILING PLAN
A360 DOOR SCHEDULE

MEP- SOLBERG
MEP309 FIRST FLOOR REMOVAL
MEP310 FLOOR PLANS
MEP311 FLOOR PLANS
MEP312 FLOOR PLANS, DETAILS, SCHEDULES
MEP313 ELECTRICAL FLOOR PLANS, SCHEDULES

ARCHITECTURAL- STOFFEL
A410 FLOOR PLANS
A460 DOOR SCHEDULE

MEP- STOFFEL
MEP410 FLOOR PLANS
MEP411 FLOOR PLANS, DETAILS, SCHEDULES

MEP- STOKKE
MEP510 FLOOR PLANS
MEP511 FLOOR PLANS, DETAILS, SCHEDULES

MEP- FOREST PARK
MEP610 FLOOR PLANS
MEP611 FLOOR PLANS
MEP612 FLOOR PLANS, DETAILS, SCHEDULES

MECHANICAL- PING MANOR
MEP710 FLOOR PLANS
MEP711 FLOOR PLANS
MEP712 FLOOR PLANS, DETAILS, SCHEDULES

PROJECT TEAM

PROJECT MANAGER: HSR ASSOCIATES, INC. DOUG RAMSEY dramsey@hsrassociates.com 608.784.1830

PROJECT ARCHITECT: HSR ASSOCIATES, INC. MIKE LORENS mlorens@hsrassociates.com 608.784.1830

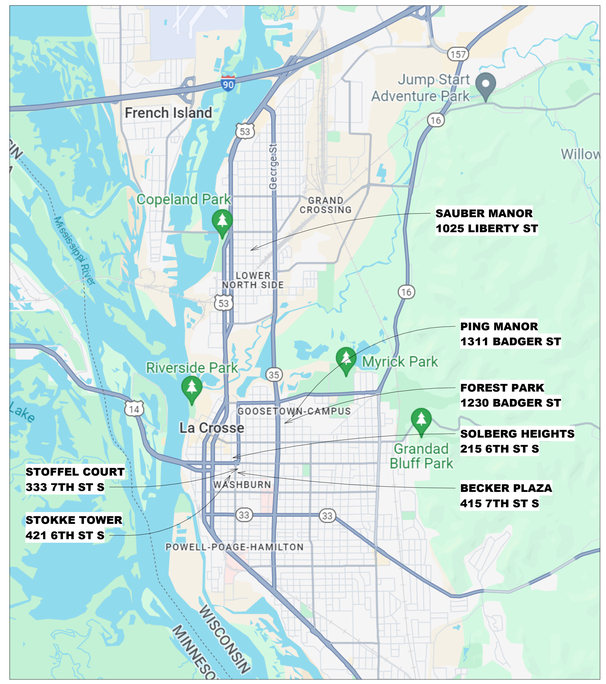
INTERIOR DESIGN: HSR ASSOCIATES, INC. BRANDY ERNST bernst@hsrassociates.com 608.784.1830

SPECIFICATIONS: HSR ASSOCIATES, INC. TOBIN FAUCHEUX tfaucheux@hsrassociates.com 608.784.1830

PLUMBING: HSR ASSOCIATES, INC. RYAN JOHNSON rjohnson@hsrassociates.com 608.784.1830

MECHANICAL: HSR ASSOCIATES, INC. JAKE BERAN jberan@hsrassociates.com 608.784.1830

ELECTRICAL: HSR ASSOCIATES, INC. CHRIS CRANDALL ccrandall@hsrassociates.com 608.784.1830



CITY MAP
SITE LOCATION MAP

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54601

Sheet Title: COVER SHEET

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: MPL

Key Plan:

BID SET

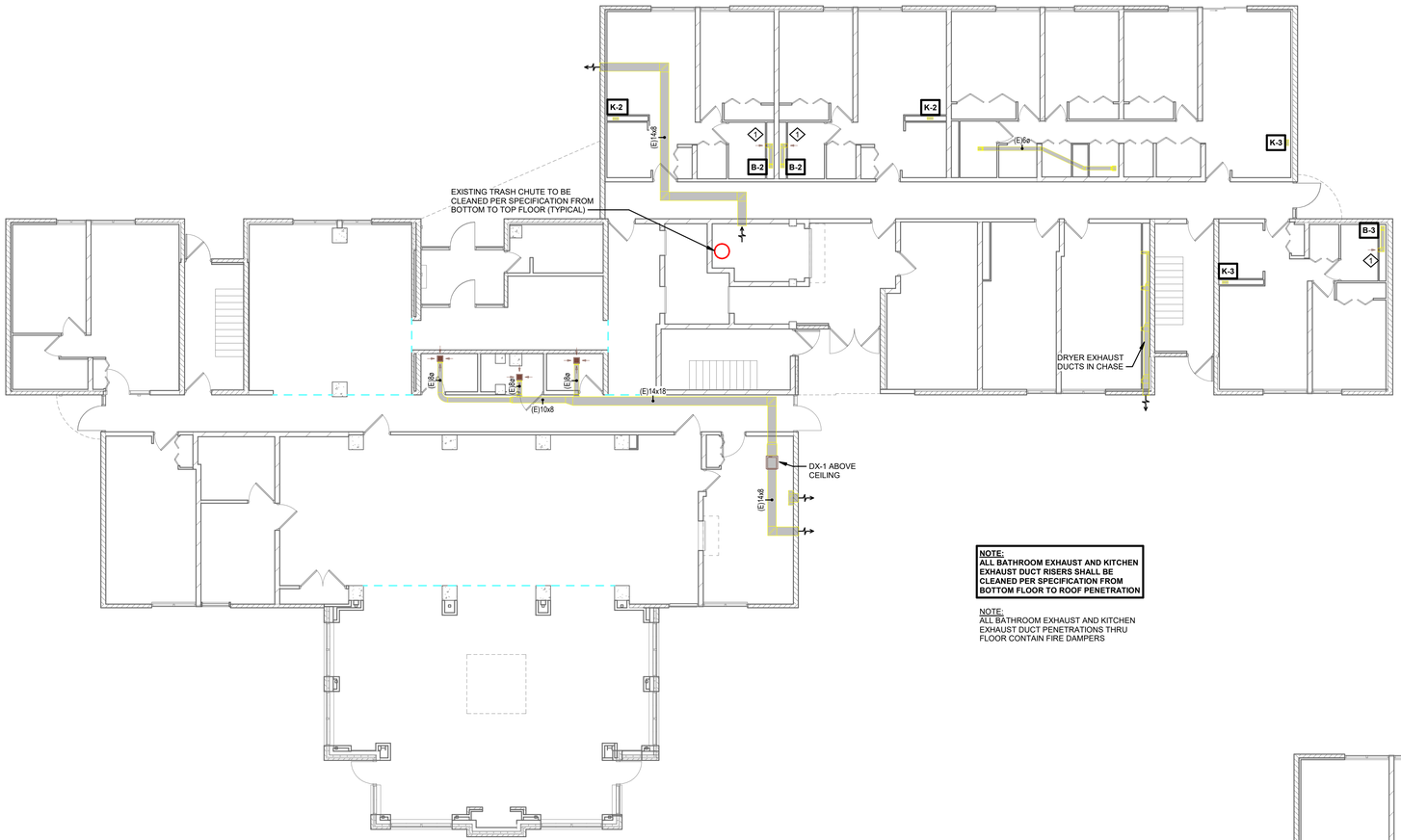
Revisions:

No.	Description	Date

Graphic Scale:

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Last Update: 9/23/2026 3:12:55 PM



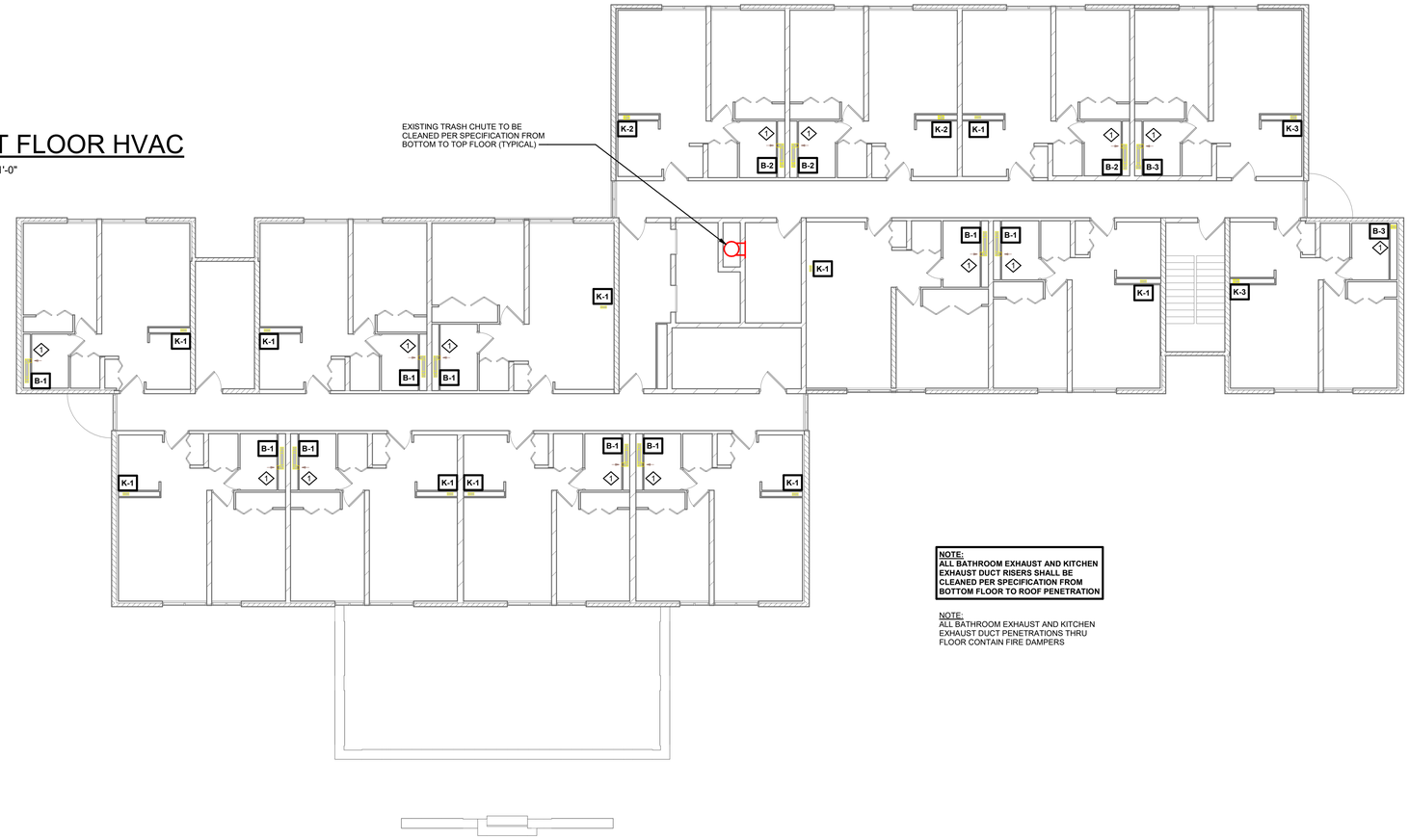
NOTE:
ALL BATHROOM EXHAUST AND KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION

NOTE:
ALL BATHROOM EXHAUST AND KITCHEN EXHAUST DUCT PENETRATIONS THRU FLOOR CONTAIN FIRE DAMPERS

NORTH

1 1ST FLOOR HVAC

1/8" = 1'-0"



NOTE:
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NORTH

2 2ND THROUGH 6TH FLOOR HVAC

1/8" = 1'-0"

KEYNOTES - REMODEL

Keynote Number	Keynote Description
#	COORDINATE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH CEILING GRID, SPRINKLER HEADS, RECESSED LIGHTING AND ALL OTHER CEILING MOUNTED EQUIPMENT.
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ARCHITECTURE
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HSR ASSOCIATES INC.
100 MILWAUKEE STREET
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PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: **1307 BADGER STREET**
LA CROSSE, WI 54602

Sheet Title: **FLOOR PLANS**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

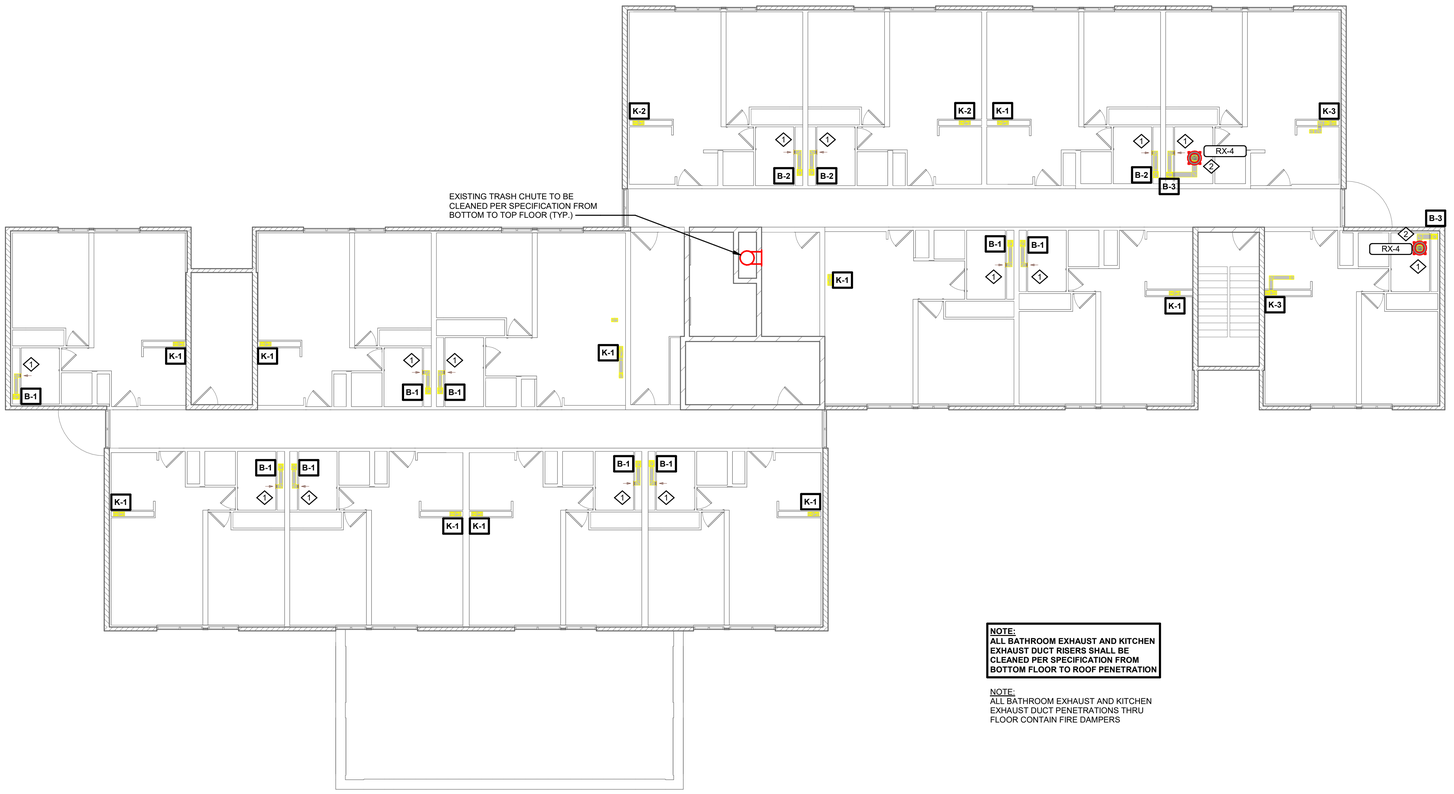
No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

MEP610

FOREST PARK

Last Update: **9/24/2026 8:36:52 AM**



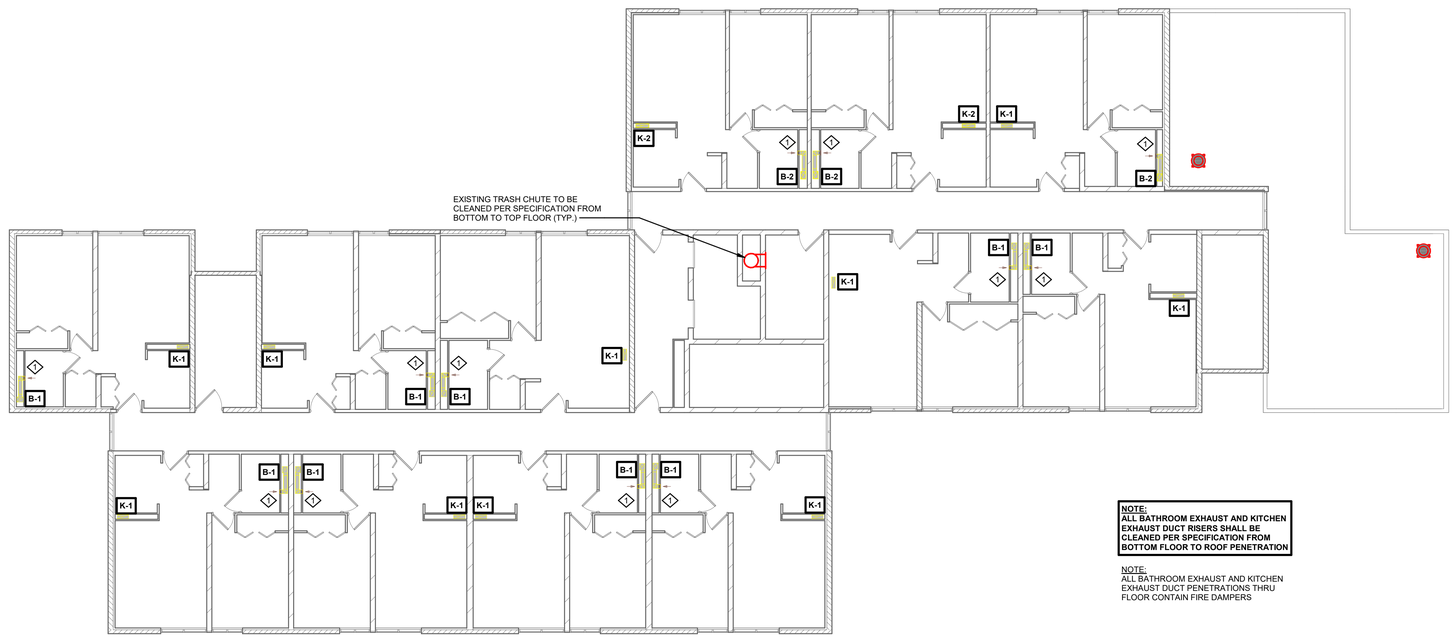
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NORTH

1 7TH FLOOR HVAC

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NORTH

2 8TH FLOOR HVAC

1/8" = 1'-0"

KEYNOTES - REMODEL

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PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: **1307 BADGER STREET**
LA CROSSE, WI 54602

Sheet Title: **FLOOR PLANS**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

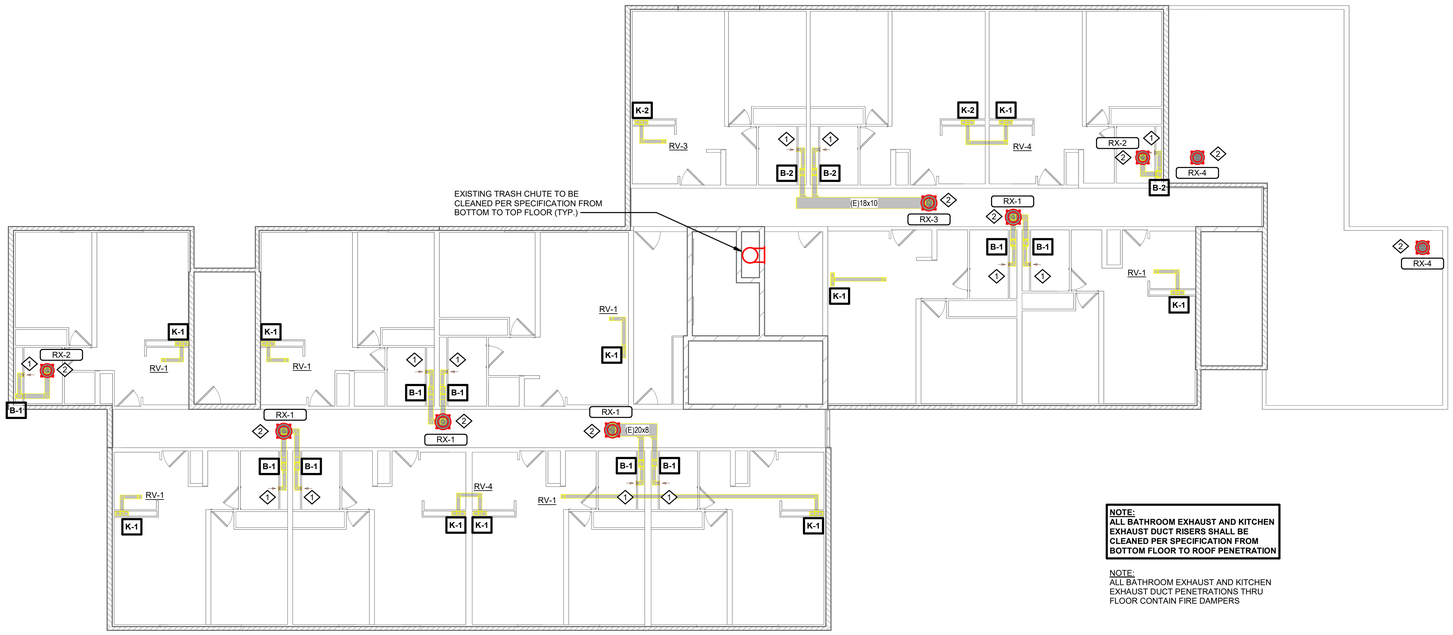
MEP611

FOREST PARK

Last Update: **9/24/2026 8:36:53 AM**

KEYNOTES - REMODEL

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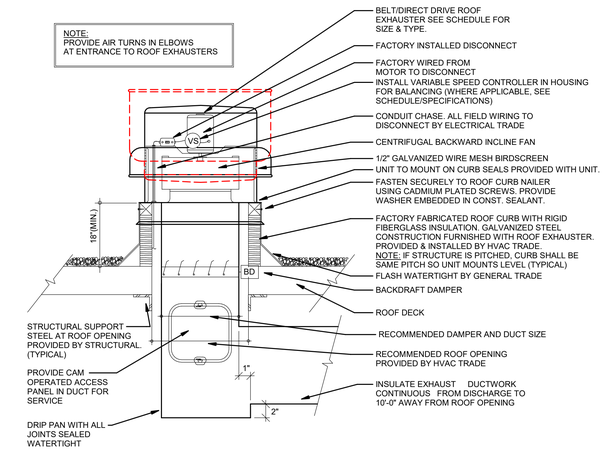
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NOTE:
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NORTH

1 9TH FLOOR HVAC

1/8" = 1'-0"

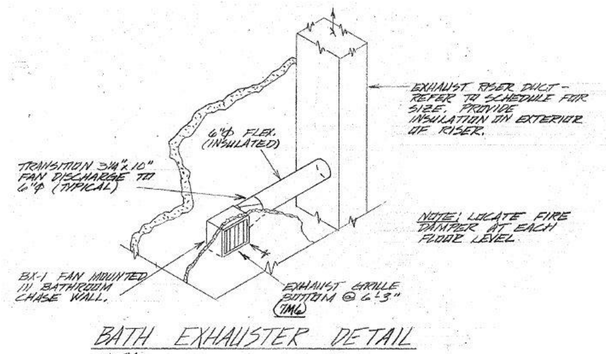


2 DOWNBLAST/UPBLAST ROOF EXHAUSTER DETAIL

1/8" = 1'-0"

ROOF EXHAUSTER SCHEDULE

	UNIT NO.	MANUFACTURER	MODEL NO.	SERVES	EXHAUST FAN AIRFLOW	TYPE	EXT. STATIC PRESS.	FAN BRAKE POWER	FAN RPM	MAX FAN RPM	DRIVE TYPE	MOTOR QTY	MOTOR POWER	EXHAUST AIR CONNECTOR DUCT WIDTH	EXHAUST AIR CONNECTOR DUCT HEIGHT	ROOF/WALL OPENING LENGTH	ROOF/WALL OPENING WIDTH	UNIT WEIGHT	SONES	ELECTRICAL MCA	ELECTRICAL MOP	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	REFERENCE DETAIL NO.	REFERENCE CONTROL	REMARKS
	RX-1	GREENHECK	G-120-VG	B-1/B-1	1100 CFM	DOWNBLAST	1.00 in-wg	0.30 hp	1474	1800	DIRECT	1	0.50 hp	12"	12"	14 1/2"	14 1/2"	64 lbf	12.0	8 A	15 A	120 V	1	2MEP612		1. PROVIDE INSULATED 24" ATI SOUND ATTENUATING ROOF CURB.
	RX-2	GREENHECK	G-099-VG	B-1, B-2	700 CFM	DOWNBLAST	1.00 in-wg	0.22 hp	1664	1800	DIRECT	1	0.25 hp	12"	12"	14 1/2"	14 1/2"	54 lbf	11.0	5 A	15 A	120 V	1	2MEP612		2. PROVIDE CURB SEALS & BIRDSCREEN.
	RX-3	GREENHECK	G-120-VG	B-2/B-2	1200 CFM	DOWNBLAST	1.00 in-wg	0.33 hp	1516	1800	DIRECT	1	0.50 hp	12"	12"	14 1/2"	14 1/2"	64 lbf	12.4	8 A	15 A	120 V	1	2MEP612		3. PROVIDE DISCONNECT SWITCH.
	RX-4	GREENHECK	G-098-VG	B-3	500 CFM	DOWNBLAST	1.00 in-wg	0.18 hp	1716	1800	DIRECT	1	0.25 hp	12"	12"	14 1/2"	14 1/2"	54 lbf	10.5	5 A	15 A	120 V	1	2MEP612		4. PROVIDE FACTORY MOUNTED DIAL SPEED CONTROLLER. 5. PROVIDE VFD RATED MOTOR W/ SHAFT GROUNDING. 6. PROVIDE HINGED CURB CAP KIT W/ CABLES. 7. PROVIDE GRAVITY BACKDRAFT DAMPER.
Grand total: 9																										



BATH EXHAUSTER DETAIL
N.T.S.

DUCT RISER DESIGNATION	B-1		B-2		B-3				MAIN SUPPLY RISER S-1			
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C... F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C.F.M.	DEFLECT-ROL SIZE	SET INTO DUCT
1	—	—	6/6	60	6/6	60						
2	6/6	60	8/6	120	8/6	120			12x4	160		
3	8/6	120	8/6	180	8/6	180			12x6	320		
4	8/6	180	8/8	240	8/8	240			12x8	480		
5	8/8	240	8/8	300	8/8	300			12x10	640		
6	8/8	300	10/8	360	10/8	360			12x12	800		
7	10/8	360	10/8	420	10/8	420			14x12	960		
8	10/8	420	12/8	480	—	—			14x12	1120		
9	12/8	480	12/8	540	—	—			16x12	1280		

DUCT RISER DESIGNATION	K-1		K-2		K-3				MAIN SUPPLY RISER S-2			
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C... F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C.F.M.	DEFLECT-ROL SIZE	SET INTO DUCT
1	—	—	10/4	115	10/4	115			6/6	124		
2	10/4	115	10/6	230	10/6	230			12/6	284		
3	10/6	230	12/6	345	12/6	345			12x8	444		
4	12/6	345	12/6	460	12/6	460			12x10	604		
5	12/6	460	15/6	575	15/6	575			12x12	764		
6	15/6	575	18/6	690	18/6	690			12x14	924		
7	18/6	690	18/6	805	18/6	805			12x16	1084		
8	18/6	805	21/6	920	—	—			12x16	1202		
9	21/6	920	21/6	1035	—	—			12x16	1320		

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HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
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Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54603

Sheet Title: **FLOOR PLANS, DETAILS, AND SCHEDULES**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

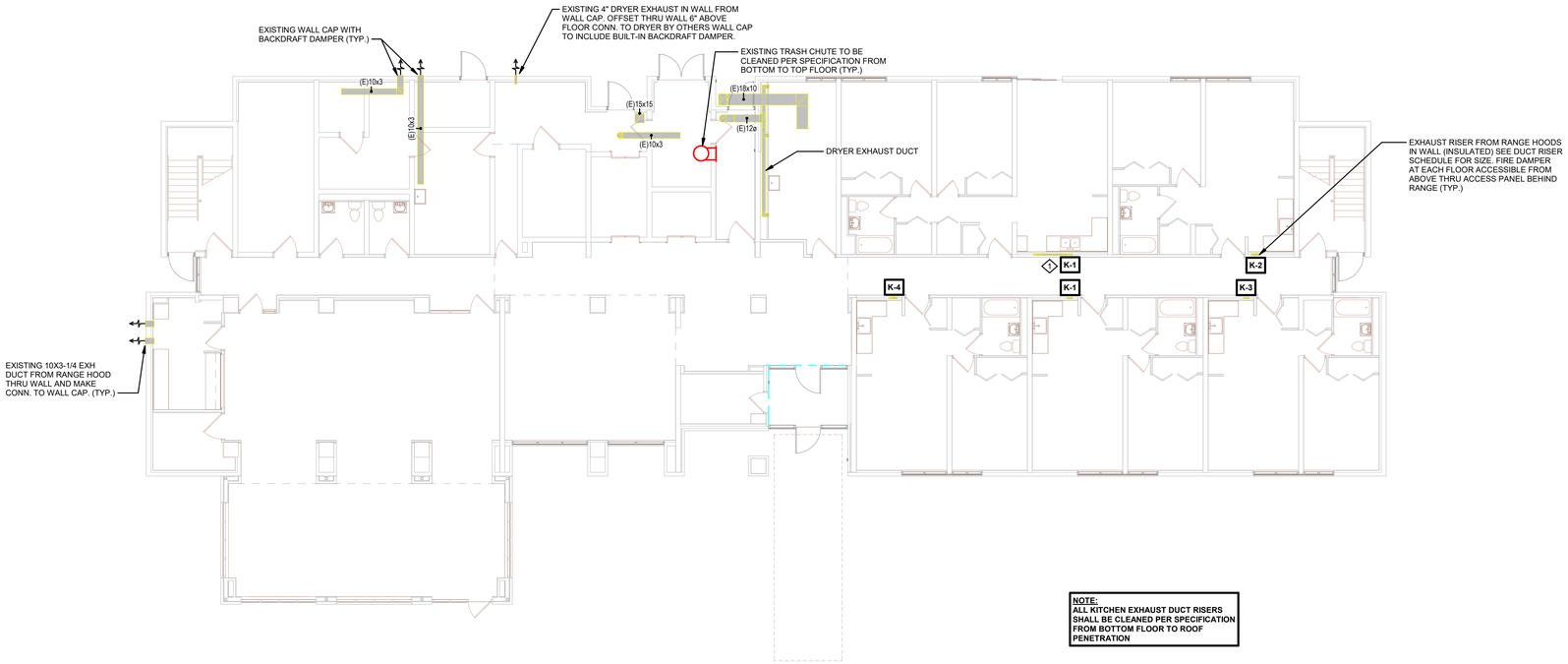
MEP612

FOREST PARK

Last Update: 9/24/2026 8:36:54 AM

KEYNOTES - REMODEL

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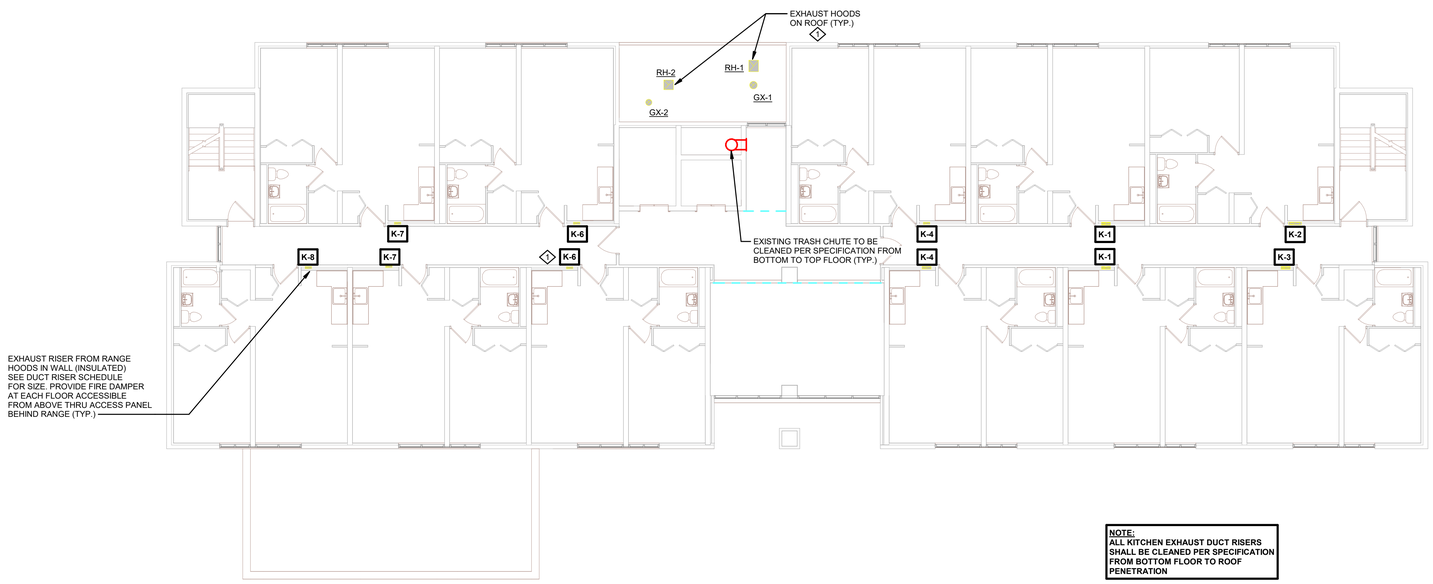


NOTE:
ALL KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION

NORTH

1 1ST FLOOR HVAC

1/8" = 1'-0"



NOTE:
ALL KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION

NOTE:
RECIRCULATING FANS IN TOILET ROOMS

NORTH

2 2ND FLOOR HVAC

1/8" = 1'-0"

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PHONE: 608.784.1830
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Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE 2026 CAPITAL IMPROVEMENTS PROJECTS**

Project Location: **1307 BADGER STREET LA CROSSE, WI 54602**

Sheet Title: **FLOOR PLANS**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

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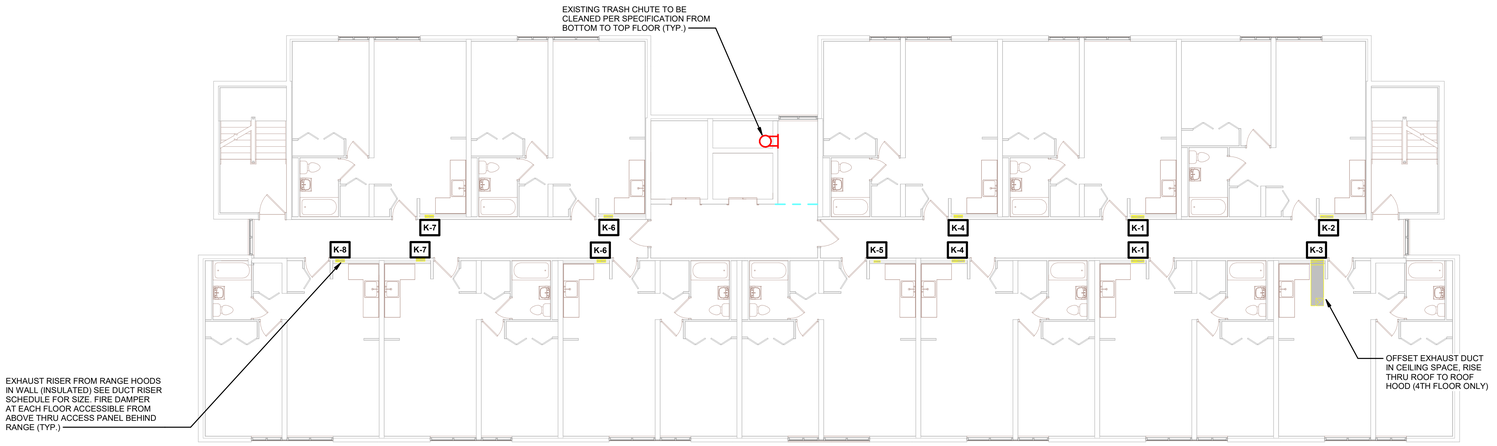
MEP710

PING MANOR

Last Update: **9/24/2026 8:38:51 AM**

KEYNOTES - REMODEL

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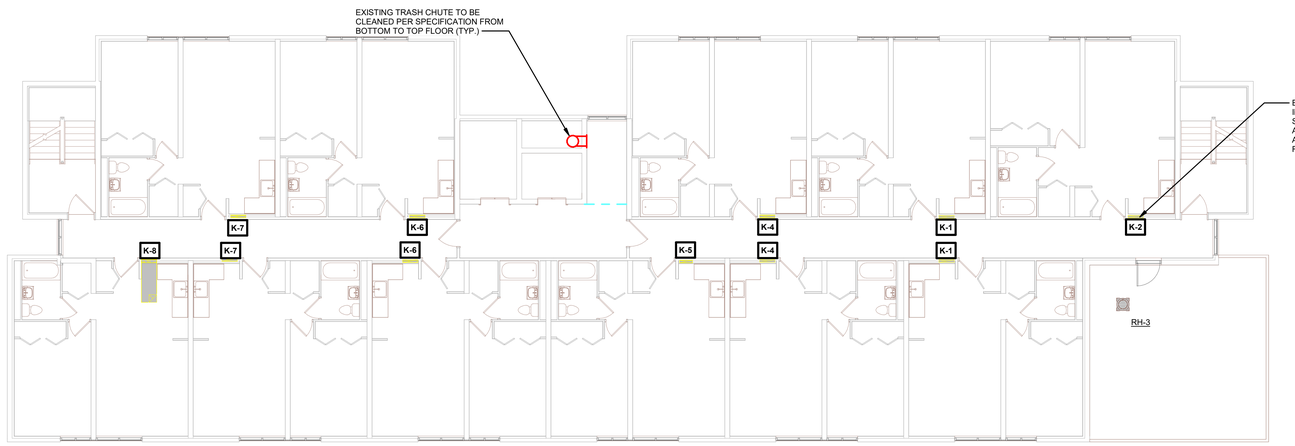
NOTE:
RECIRCULATING FANS IN TOILET ROOMS

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NORTH

1 3RD AND 4TH FLOOR HVAC

1/8" = 1'-0"



NOTE:
RECIRCULATING FANS IN TOILET ROOMS

NOTE:
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NORTH

2 5TH FLOOR HVAC

1/8" = 1'-0"

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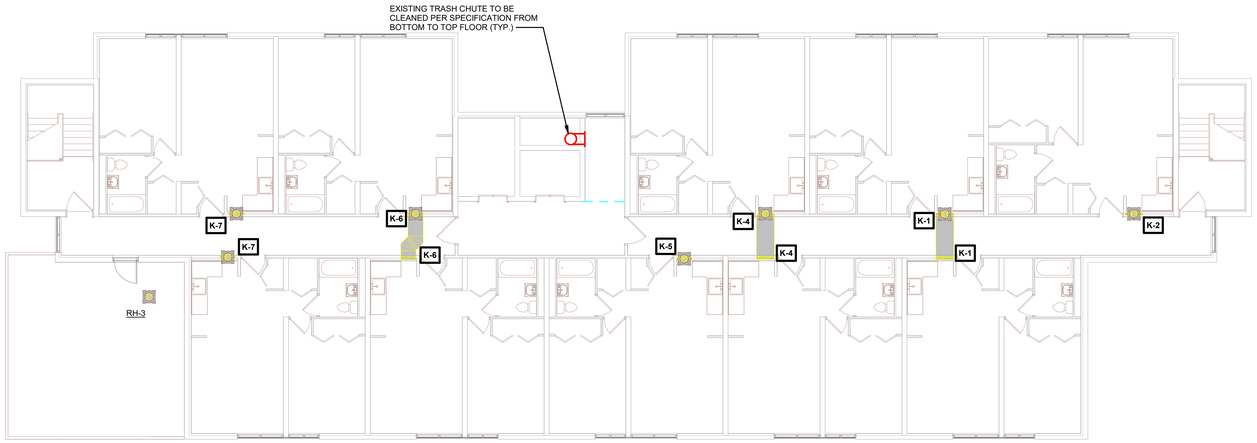
PING MANOR

MEP711

Last Update: **9/24/2026 8:38:51 AM**

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NOTE:
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NOTE:
ALL KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION (THIS TO INCLUDE HORIZONTAL DUCTWORK ON TOP FLOOR)

NORTH

1 6TH FLOOR HVAC

1/8" = 1'-0"

DUCT RISER DESIGNATION	K-1		K-2		K-3		K-4		MAIN SUPPLY RISER			
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C.F.M.	DEFLECT-ROL SIZE	SE INT DUC
1ST	—	—	10x3¼	115	10x3¼	115	10x3¼	115				
2ND	10x3¼	115	14x9	230	14x9	230	14x9	230				
3RD	14x9	230	20x9	345	20x9	345	20x9	345				
4TH	20x9	345	24x9	415	24x9	415	24x9	415				
5TH	24x9	415	24x9	460	24x9	460	—	—				
6TH	24x9	460	—	—	28x9	520	—	—				

DUCT RISER DESIGNATION	K-5		K-6		K-7				MAIN SUPPLY RISER S-1			
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C.F.M.	DEFLECT-ROL SIZE (WIDE)	SET INTO DUCT
1ST	—	—	—	—	14x9	230			4x14	210		
2ND	—	—	10x3¼	115	20x9	345			8x14	595	14"	5"
3RD	10x3¼	115	14x9	230	24x9	415			12x14	1015	14"	5"
4TH	14x9	230	20x9	345	24x9	460			16x14	1435	14"	5"
5TH	20x9	345	24x9	415	28x9	520			20x14	1820	14"	5"
6TH	24x9	415	—	—	30x9	565			20x16	2135	14"	

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

Sheet Title: **FLOOR PLANS AND SCHEDULES**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

MEP712

PING MANOR

Last Update: **9/24/2026 8:38:52 AM**

HVAC SYMBOLS

HVAC GENERAL SYMBOLS

- TEMPERATURE SENSOR MOUNT TOP AT 48" A.F.F.
- FLAT PLATE TEMPERATURE SENSOR MOUNT TOP AT 48" A.F.F.
- HUMIDITY SENSOR
- CARBON DIOXIDE SENSOR
- CARBON MONOXIDE SENSOR
- NITROGEN DIOXIDE SENSOR
- PILOT LIGHT SWITCH
- POSITIVE PRESSURE SPACE
- NEGATIVE PRESSURE SPACE
- NEW CONNECTION TO EXISTING
- DEMOLISH TO POINT INDICATED
- DEMO KEYNOTES
- REMODEL KEYNOTES
- VAV BOX TAG (E) INDICATES EXISTING VAV BOX
- MECHANICAL EQUIPMENT TAG (E) INDICATES EXISTING EQUIPMENT
- SUPPLY DIFFUSER/GRILLE DIRECTIONAL THROW
- G-1 100 GRILLE TYPE (E) EXISTING GRILLE AIR VOLUME
- RETURN/EXHAUST/ TRANSFER/GRILLE
- G-1 100 GRILLE TYPE (E) EXISTING GRILLE AIR VOLUME
- LINEAR SLOT DIFFUSER
- AIR FLOW
- 3/4" DOOR UNDERCUT BY GENERAL TRADE
- DOOR GRILLE __x__ BY GENERAL TRADE
- CORRIDOR A100 INDICATES ROOM NAME INDICATES ROOM NUMBER
- M100 SECTION CUT
- CALLOUT BUBBLE
- M100 CALLOUT REFERENCE DETAIL NUMBER CALLOUT REFERENCE SHEET NUMBER
- REVISION NUMBER
- REVISION CLOUD
- 30"x14" SA DUCT SIZE & SYSTEM TYPE
- DUCT CAP
- TOD: 10'-0" TOP OF DUCT ELEVATION TAG
- BOD: 9'-0" BOTTOM OF DUCT ELEVATION TAG
- ℄ELEV: 9'-0" CENTERLINE PIPE ELEVATION TAG

HVAC DUCTWORK SYMBOLS

- FLEXIBLE CONNECTION
- AIR TURNS
- SUPPLY DUCT ELBOW DOWN
- SUPPLY DUCT ELBOW UP
- RETURN DUCT ELBOW DOWN
- RETURN DUCT ELBOW UP
- EXHAUST DUCT ELBOW DOWN
- EXHAUST DUCT ELBOW UP
- ROUND SUPPLY ELBOW DOWN
- ROUND SUPPLY ELBOW UP
- ROUND RETURN ELBOW DOWN
- ROUND RETURN ELBOW UP
- ROUND EXHAUST ELBOW DOWN
- ROUND EXHAUST ELBOW UP
- SQUARE/RECTANGULAR DUCT BREAK
- VD MANUAL VOLUME DAMPER
- M MOTORIZED DAMPER
- BD COUNTER BALANCED BACKDRAFT DAMPER
- FD 1-1/2 HR/ 3 HR FIRE DAMPER AS DESIGNATED
- FS FIRE/SMOKE DAMPER
- S SMOKE DAMPER
- DSD DUCT SMOKE DETECTOR
- AFMS AIRFLOW MEASURING STATION
- ROUND DUCT BREAK
- ACOUSTIC DUCT LINER
- DOUBLE WALL DUCT
- FABRIC DUCT/DIFFUSER SYSTEM
- GREASE DUCT SYSTEM W/ APPROVED 2-HR FIRE RATED SEPARATION & ZERO CLEARANCE
- 30" UP / 30" DN RISE OR DROPS ARE IN DIRECTION OF AIR FLOW — DUCT OFFSET UP (ANGLE VARIES) / DUCT OFFSET DOWN (ANGLE VARIES)
- FLEXIBLE DUCT
- 18x18 AP __"x__" DUCT ACCESS PANEL
- HOT WATER REHEAT COIL
- VAV CONTROLLER MIN. 36" CLEARANCE
- VAV BOX

HVAC PIPING SYMBOLS

- 2-WAY CONTROL VALVE
- 3-WAY CONTROL VALVE
- GATE VALVE
- PLUG VALVE
- PRESSURE REDUCING VALVE
- GLOBE VALVE
- CHECK VALVE
- STEAM TRAP
- BALL VALVE
- BUTTERFLY VALVE
- BALANCING STATION
- PIPE ANCHOR
- PIPE GUIDE
- ELBOW DOWN
- ELBOW UP
- TOP CONNECTION
- BOTTOM CONNECTION
- REDUCER
- RELIEF VALVE
- PRESSURE GAUGE
- THERMOMETER
- STRAINER
- UNION
- AIR VENT
- INLINE PUMP
- PIPE BREAK
- PIPE CAP

HVAC PIPING SYSTEM ABBREVIATIONS

SYSTEM ABBREVIATION	SYSTEM TYPE
HWS	HOT WATER HEATING SUPPLY
HWR	HOT WATER HEATING RETURN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
GTS	GEOTHERMAL WATER SUPPLY
GTR	GEOTHERMAL WATER RETURN
CD	CONDENSATE DRAIN
RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID
RD	REFRIGERANT DISCHARGE
HPS	STEAM HIGH PRESSURE SUPPLY
HPR	STEAM HIGH PRESSURE RETURN
LPS	STEAM LOW PRESSURE SUPPLY
LPR	STEAM LOW PRESSURE RETURN
PD	PUMP DISCHARGE
LPGAS	LP GAS
NGAS	NATURAL GAS
(E) HWS	EXISTING HOT WATER HEATING SUPPLY
(E) HWR	EXISTING HOT WATER HEATING RETURN
(E) CWS	EXISTING CHILLED WATER SUPPLY
(E) CWR	EXISTING CHILLED WATER RETURN
(E) GTS	EXISTING GEOTHERMAL WATER SUPPLY
(E) GTR	EXISTING GEOTHERMAL WATER RETURN
(E) CD	EXISTING CONDENSATE DRAIN
(E) RS	EXISTING REFRIGERANT SUCTION
(E) RL	EXISTING REFRIGERANT LIQUID
(E) RD	EXISTING REFRIGERANT DISCHARGE
(E) HPS	EXISTING STEAM HIGH PRESSURE SUPPLY
(E) HPR	EXISTING STEAM HIGH PRESSURE RETURN
(E) LPS	EXISTING STEAM LOW PRESSURE SUPPLY
(E) LPR	EXISTING STEAM LOW PRESSURE RETURN
(E) PD	EXISTING PUMP DISCHARGE
(E) LPGAS	EXISTING LP GAS
(E) NGAS	EXISTING NATURAL GAS

HVAC EQUIPMENT ABBREVIATIONS

ACC-1	AIR COOLED CHILLER
AC-1	AIR CURTAIN
AFMS-1	AIRFLOW MEASURING STATION
AHU-1	AIR HANDLING UNIT
AS-1	AIR/DIRT SEPARATOR
AV-1	AIR VALVE
B-1	BOILER
BCU-1	BLOWER COIL UNIT
BCP-1	BOILER CIRCULATING PUMP
C-1	CONVECTOR
CC-1	COOLING COIL
CF-1	CEILING FAN
CP-1	CONDENSATE PUMP
CT-1	COOLING TOWER
CU-1	CONDENSING UNIT
CUH-1	CABINET UNIT HEATER
CWP-1	CHILLED WATER PUMP
CX-1	CEILING EXHAUSTER
DC-1	DUCT COIL
DF-1	DESTRATIFICATION FAN
DH-1	DUCT HEATER
DOAS-1	DEDICATED OUTDOOR AIR SYSTEM
EF-1	EXHAUST FAN
ERC-1	ENERGY RECOVERY COIL
ERCP-1	ENERGY RECOVERY COIL PUMP
ERV-1	ENERGY RECOVERY VENTILATOR
ET-1	EXPANSION TANK
F-1	FURNACE
FCU-1	FAN COIL UNIT
FFU-1	FAN FILTER UNIT
FM-1	FLOW METER
G-1	GRILLES, REGISTERS, AND DIFFUSERS
GFUH-1	GAS FIRED UNIT HEATER
GX-1	GRAVITY EXHAUSTER
H-1	HUMIDIFIER
HC-1	HEATING COIL
HCP-1	HEATING COIL PUMP
HP-1	HEAT PUMP
HW-1	HEAT WHEEL
HWP-1	HEATING WATER PUMP
HX-1	HEAT EXCHANGER
IRH-1	INFRA-RED HEATER
KX-1	KITCHEN EXHAUST HOOD
L-1	LOUVER
MAU-1	MAKE-UP AIR UNIT
MS-1	MINI-SPLIT UNIT
P-1	PUMP
PF-1	PROPELLER FAN
PRV-1	PRESSURE REDUCING VALVE
PTAC-1	PACKAGED TERMINAL AIR CONDITIONING UNIT
R-1	RETURN/RELIEF FAN
RFP-1	RADIANT FLOOR PUMP
RH-1	ROOF HOOD
RHC-1	REHEAT COIL
RP-1	RADIANT PANEL
RTU-1	ROOFTOP UNIT
RX-1	ROOF EXHAUSTER
SA-1	SOUND ATTENUATOR
SC-1	SELF CONTAINED UNIT
SF-1	SUPPLY FAN
SFU-1	SYSTEM FEEDER UNIT
ST-1	SOUND TRAP
TCP-1	TEMPERATURE CONTROL PANEL
UB-1	UTILITY BLOWER
UH-1	UNIT HEATER
UV-1	UNIT VENTILATOR
VAV-1	VARIABLE AIR VOLUME BOX
VFD-1	VARIABLE FREQUENCY DRIVE
WC-1	WATER CHILLER
WF-1	WALL FIN
WFU-1	WATER FILTER UNIT
WX-1	WALL EXHAUSTER
WV-1	WALL VENT

HVAC DUCTWORK SYSTEM ABBREVIATIONS

SYSTEM ABBREVIATION	SYSTEM TYPE
SA	SUPPLY AIR
RA	RETURN AIR
EA	EXHAUST AIR
OA	OUTSIDE AIR
TA	TRANSFER AIR
(E) SA	EXISTING SUPPLY AIR
(E) RA	EXISTING RETURN AIR
(E) EA	EXISTING EXHAUST AIR
(E) OA	EXISTING OUTSIDE AIR
(E) TA	EXISTING TRANSFER AIR

GENERAL ABBREVIATIONS

A	AMPERE
AC	ALTERNATING CURRENT
A/C	AIR CONDITIONING
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AFR	ABOVE FINISHED ROOF
AMPS	AMPERES
AP	ACCESS PANEL
AUX	AUXILIARY
AVG	AVERAGE
BD	BACKDRAFT DAMPER
BOB	BOTTOM OF BEAM
BOD	BOTTOM OF DUCT
BOJ	BOTTOM OF JOIST
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STEEL
BHP	BRAKE HORSEPOWER
BSMT	BASEMENT
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CAP.	CAPACITY
CFM	CUBIC FEET PER MINUTE
CL	CENTERLINE
CLG.	CEILING
CO	CLEANOUT
CONT.	CONTINUE
CU FT.	CUBIC FEET
CU IN.	CUBIC INCHES
ΔP	CHANGE IN PRESSURE
ΔT	CHANGE IN TEMPERATURE
°	DEGREE
DB	DRY BULB
DC	DIRECT CURRENT
DDC	DIRECT DIGITAL CONTROLS
DIA.	DIAMETER
DISC.	DISCONNECT
DN	DOWN
DP	DEWPOINT
DWG	DRAWING
DX	DIRECT EXPANSION (REFRIGERATION)
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BULB TEMPERATURE
EFF.	EFFICIENCY
EWB	ENTERING WET BULB TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
ETR	EXISTING TO REMAIN
EWT	ENTERING WATER TEMPERATURE
EX.	EXISTING
EXH.	EXHAUST
°F	DEGREES FAHRENHEIT
FD	FIRE DAMPER
FFA	FROM FLOOR ABOVE
FFB	FROM FLOOR BELOW
FLA	FULL LOAD AMPS
FLR.	FLOOR
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FS	FIRE/SMOKE
FT	FEET
GAL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD (FEET)
HP	HORSEPOWER
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
HW	HOT WATER
HZ	FREQUENCY
ID	INSIDE DIAMETER
IN.	INCH OR INCHES
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LDB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTUs PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MECH	MECHANICAL
MFR	MANUFACTURER
MOCP	MAXIMUM OVER CURRENT PROTECTION
MTD	MOUNTED
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NOM.	NOMINAL
NPS	NOMINAL PIPE SIZE
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
PD	PRESSURE DROP
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	PSI GAUGE
PVC	POLYVINYL CHLORIDE
ø	ROUND DIAMETER
RAT	RETURN AIR TEMPERATURE
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
SAT	SUPPLY AIR TEMPERATURE
SF	SQUARE FEET
SHT	SHEET
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SPD	SPEED
SS	STAINLESS STEEL
STD	STANDARD
SW	SWITCH
TA	THROW AWAY
TEMP	TEMPERATURE
TFA	TO FLOOR ABOVE
TFB	TO FLOOR BELOW
TOB	TOP OF BEAM
TOD	TOP OF DUCT
TOP	TOP OF PIPE
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TYP.	TYPICAL
UC	UNDERCUT DOOR
UNO	UNLESS NOTED OTHERWISE
UTR	UP THRU ROOF
V	VOLTS
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB
W/	WITH

HVAC GRILLES,REGISTERS & DIFFUSERS ABBREVIATIONS

ABBREVIATION	SYSTEM TYPE
E-1	EXHAUST GRILLE
R-1	RETURN GRILLE
S-1	SUPPLY GRILLE
T-1	TRANSFER GRILLE
(E)	EXISTING GRILLE

FIRESTOP LEGEND:

- SMOKE PARTITION (LIMIT TRANSFER OF SMOKE)
- 1 HOUR RATED FIRE PARTITION (20 MIN DOORS)
- 1 HOUR RATED WALL (45 MIN DOORS)
- 2 HOUR RATED WALL (90 MIN DOORS)

HVAC PIPE SIZING CHART

REQUIRED PIPE SIZE	COPPER PIPE GPM	IRON PIPE GPM
1/2"	0 - 1.1	
3/4"	1.2 - 3.0	
1"	3.1 - 6.6	
1-1/4"	6.7 - 11.3	6.8 - 14.0
1-1/2"	11.4 - 18.0	14.1 - 21.0
2"	18.1 - 38.0	21.1 - 41.0
2-1/2"	38.1 - 69.0	41.1 - 66.0
3"	69.1 - 109.0	66.1 - 119.0
4"		119.1 - 242.0
5"		242.1 - 440.0
6"		440.1 - 710.0

MECHANICAL SHEET INDEX

SHEET #	SHEET NAME
MEP001	HVAC GENERAL INFO SHEET
MEP110	FLOOR PLANS
MEP111	FLOOR PLANS, DETAILS, AND SCHEDULES
MEP210	FLOOR PLANS
MEP211	FLOOR PLANS, DETAILS, AND SCHEDULES
MEP309	1ST FLOOR REMOVAL PLAN
MEP310	FLOOR PLANS
MEP311	FLOOR PLANS
MEP312	FLOOR PLANS, DETAILS, AND SCHEDULES
MEP313	ELECTRICAL FLOOR PLANS AND SCHEDULES
MEP410	FLOOR PLANS
MEP411	FLOOR PLANS, DETAILS, AND SCHEDULES
MEP510	FLOOR PLANS
MEP511	FLOOR PLANS, DETAILS, AND SCHEDULES
MEP610	FLOOR PLANS
MEP611	FLOOR PLANS
MEP612	FLOOR PLANS, DETAILS, AND SCHEDULES
MEP710	FLOOR PLANS
MEP711	FLOOR PLANS
MEP712	FLOOR PLANS AND SCHEDULES

HVAC GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH NATIONAL, STATE, & CODES; AS WELL AS, THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
2. ON MECHANICAL "M1__" SERIES DRAWINGS, ITEMS THAT ARE DARK LINES SHALL BE NEW WORK & ITEMS THAT ARE LIGHT LINES SHALL BE EXISTING TO REMAIN.
3. ON MECHANICAL "M09_" SERIES DRAWINGS, ITEMS THAT ARE DARK DASHED LINES SHALL BE REMOVED & ITEMS THAT ARE LIGHT LINES SHALL BE EXISTING TO REMAIN.
4. ALL EQUIPMENT, DUCTWORK, & PIPING SHALL BE KEPT CLEAN FROM DIRT & DEBRIS. DO NOT ALLOW THE INSIDE OF DUCT & LINER TO GET DIRTY.
5. ALL DUCTWORK SHALL BE CONSTRUCTED TO SMACNA STANDARDS IN ACCORDANCE WITH THE APPROPRIATE PRESSURE CLASSIFICATION.
6. DUCTWORK SIZE LISTED ON PLANS ARE INTERNAL FREE AREA DIMENSIONS. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED.
7. PIPING SIZE LISTED ON PLANS ARE I.D. DIMENSIONS.
8. COORDINATE GRILLE/DIFFUSER & ACCESS PANEL LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN.
9. COORDINATE THE LOCATIONS OF GRILLES/DIFFUSERS WITH ELECTRICAL LIGHT FIXTURES, LIGHT FIXTURE SUPPORT RODS AND FIRE SPRINKLER HEADS FOR FREE INTERFERENCE.
10. ARROWS SHOWN ON THE HOT WATER AND CHILLED WATER PIPING INDICATE THE DIRECTION OF FLOW. ARROWS ON THE STEAM, CONDENSATE, & DRAIN PIPING INDICATE DOWNWARD PITCH OF THE PIPING.
11. AIR VENTS SHALL BE INSTALLED AT ALL HIGH POINTS & DRAINS AT ALL LOW POINTS OF WATER PIPING SYSTEMS.
12. PIPING CONNECTIONS WITH UNIONS OR FLANGES SHALL BE MADE TO COILS OR TUBE BUNDLES TO FACILITATE REMOVAL OF THAT ITEM WITHOUT DISTURBING THE BRANCH VALVES AND/OR PIPING.
13. WATER PIPE CONNECTIONS TO AIR HEATING AND COOLING COILS SHALL BE MADE TO PROVIDE COUNTER FLOW BETWEEN WATER AND AIR.
14. COOLING COILS STACKED ONE ABOVE ANOTHER SHALL INCORPORATE DRIP TROUGHS ON THE DOWNSTREAM SIDE OF EACH OF THE UPPER COILS TO ELIMINATE DRIP INTO THE AIR STREAM OF THE BOTTOM COIL. DRIP TROUGHS SHALL BE SLOPED TO ALLOW FOR PROPER DRAINAGE.
15. ALL ROOF CURBS SHALL BE 18" TALL UNLESS OTHERWISE NOTED ON PLANS.
16. MANUAL VOLUME DAMPERS SHALL BE INSTALLED AT EACH BRANCH TAKE-OFF FROM MAIN SUPPLY, RETURN, & EXHAUST DUCTS. DAMPERS SHALL BE LOCATED AS CLOSE TO THE BRANCH TAKE-OFF AS POSSIBLE & INSTALLED TO ALLOW FOR EASY ACCESS. ABOVE HARD CEILINGS, VOLUME DAMPER SHALL BE INSTALLED BEHIND THE GRID/DIFFUSER.
17. VOLUME DAMPERS INSTALLED IN EXTERNALLY INSULATED DUCTWORK SHALL BE PROVIDED WITH EXTENDED OPERATOR HANDLE TO OUTSIDE OF INSULATION.
18. SHUT-OFF VALVES INSTALLED IN INSULATED PIPING SHALL BE PROVIDED WITH EXTENDED OPERATOR HANDLE TO OUTSIDE OF INSULATION.
19. DUCT SIZE TO DIFFUSERS, REGISTERS AND GRILLES SHALL BE SAME SIZE AS NECK SIZE UNLESS NOTED OR DETAILED OTHERWISE.
20. INLET DUCT SIZE TO SUPPLY AIR TERMINAL UNITS SHALL BE SAME AS INLET UNLESS OTHERWISE NOTED.
21. OUTLET DUCT SIZE FROM EXHAUST AIR TERMINALS SHALL BE THE SAME AS OUTLET UNLESS OTHERWISE NOTED.
22. SUPPLY DUCTWORK DOWNSTREAM OF VAV'S SHALL BE INTERNALLY ACOUSTICALLY LINED FOR A MINIMUM OF 6'-0" FOR SOUND ATTENUATION. MAINTAIN INTERNAL FREE AREA.
23. ALL MITERED RECTANGULAR/SQUARE ELBOWS SHALL HAVE AIR TURNING VANES.
24. CONTRACTOR SHALL FIELD VERIFY LAYOUT AND MANUFACTURER'S INSTALLATION REQUIREMENTS FOR ACTUAL EQUIPMENT PROVIDED.
25. CONTRACTOR SHALL COORDINATE LOCATIONS OF HVAC MAINS, BRANCHES PIPING, ETC WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
26. PIPING TO TERMINAL HEATING AND COOLING DEVICES SHALL BE 3/4" UNLESS OTHERWISE NOTED.
27. NO PIPING SHALL BE INSTALLED ABOVE ELECTRICAL EQUIPMENT, UNLESS OTHERWISE NOTED. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL EQUIPMENT LOCATIONS. COORDINATE WITH ELECTRICAL TRADE FOR EXACT LOCATIONS.
28. PROVIDE FLEXIBLE DUCT CONNECTIONS AT ALL DUCTWORK CONNECTIONS TO AIR HANDLING UNITS, RETURN FANS AND EXHAUST FANS.
29. PROVIDE MOTOR COVERS FOR ALL BELT-DRIVEN MOTORS & MOTOR SHAFTS.
30. MAINTAIN ACCESS TO AIR TERMINAL BOX CONTROLLER AND REHEAT COIL PIPING CONNECTIONS. INSTALL AIR TERMINAL BOXES AT A HEIGHT THAT IS EASILY ACCESSED.
31. AIR TERMINAL UNIT ACTUATOR AND CONTROLLER TO BE MOUNTED ON THE SAME SIDE AS REHEAT COIL PIPING. CONTRACTORS SHALL KEEP ALL WORK CLEAR FROM CLEARANCE IN FRONT OF CONTROLLER & ALLOW ACCESS TO ACTUATOR & SERVICEABLE PIPING ACCESSORIES.
32. ALL SIDEWALL GRILLES SHALL BE ALIGNED VERTICALLY AND HORIZONTALLY WHEREVER POSSIBLE. FOR DISCREPANCIES, CONTACT THE ARCHITECT/ENGINEER.
33. FRESH AIR INTAKE SHALL BE A MINIMUM DISTANCE OF 10'-0" FROM ANY EXHAUST/RELIEF OUTLET, FLUE, GAS OR PLUMBING VENT. COORDINATE WITH RESPECTIVE TRADES.
34. ELEVATION OF PIPING & DUCTWORK INDICATED ON THESE DRAWINGS ARE TO BE USED AS GUIDELINES TO ASSIST WITH INSTALLATIONS. MINOR CHANGES TO THESE ELEVATIONS MAY BE NECESSARY TO ELIMINATE UNFORESEEN INTERFERENCES.
35. WHERE WORK INTERFERES WITH OWNER'S USE OF PREMISES, SCHEDULE WORK THROUGH OWNER TO MINIMIZE INCONVENIENCE TO OWNER. OWNER MUST APPROVE SCHEDULE IN WRITING BEFORE CONTRACTOR BEGINS ANY SUCH WORK.
36. RECORD (AS-BUILT) DRAWING SHALL BE MAINTAINED ON THE JOB SITE AND SHALL BE SUBMITTED PRIOR TO JOB COMPLETION.

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

Sheet Title: HVAC GENERAL INFO SHEET

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: JB/AB

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

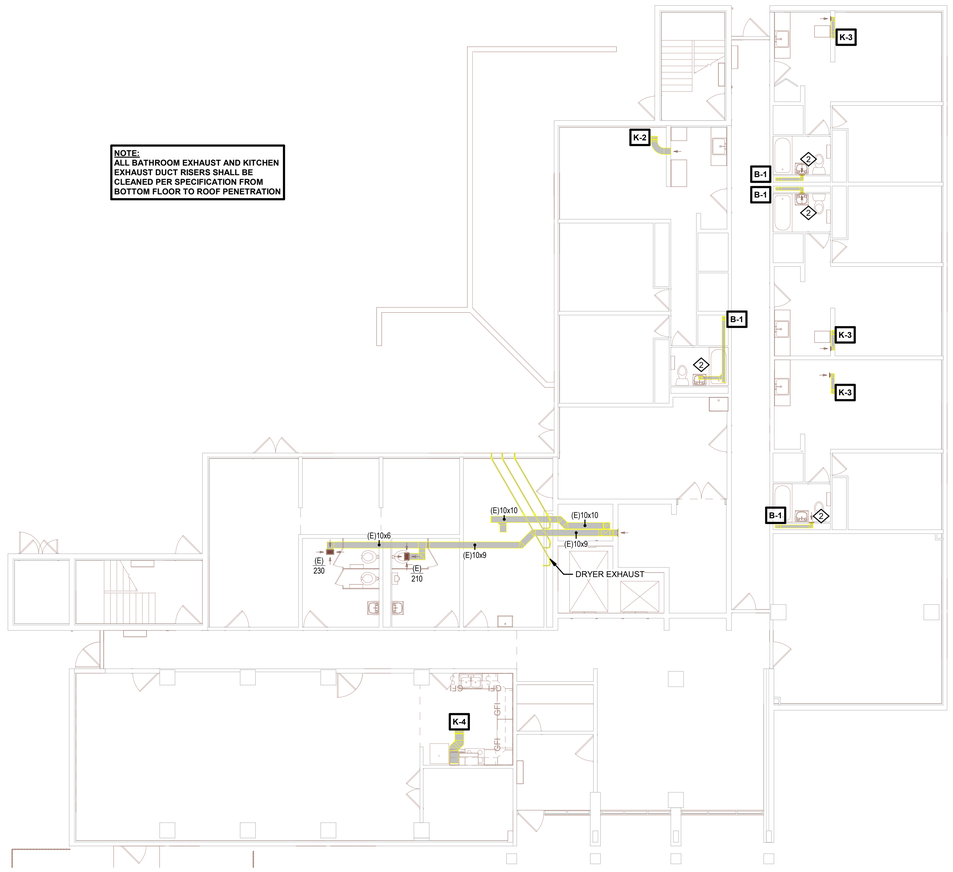
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Last Update: 9/24/2026 8:20:34 AM

KEYNOTES - REMODEL

Keynote Number	Keynote Description
#	COORDINATE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH CEILING GRID, SPRINKLER HEADS, RECESSED LIGHTING AND ALL OTHER CEILING MOUNTED EQUIPMENT.
1	REMOVE EXISTING GRAVITY ROOF VENTILATOR & REPLACE WITH NEW ROOF EXHAUSTER. ELECTRICAL CONTRACTOR TO CONNECT NEW UNIT WITH ELECTRICAL CIRCUIT. PROVIDE 120V 20A CIRCUIT FROM NEAREST ELECTRICIAL PANEL. FEEDER SIZE (2) #12 CONTACTORS (1) #12 NEUTRAL (1) #12 GROUND 3/4" EMT CONDUIT. PROVIDE A TOGGLE SWITCH DISCONNECT FOR UNIT.
2	EXISTING UNIT EXHAUST FAN TO BE REMOVED ALONG WITH ANY VOLUME DAMPERS WITHIN DUCTWORK. PROVIDE NEW BLADE STYLE EXHAUST GRILLE (WHITE, ALUMINUM) TO COVER EXISTING OPENING (MECHANICAL CONTRACTOR TO FIELD VERIFY EXISTING SIZES PRIOR TO ORDER). PROVIDE NEW AUTOMATIC BALANCING DAMPER (GREENHECK ABD-T) IN BRANCH EXHAUST DUCTWORK, SET TO 75 CFM. PATCH WALL AROUND EXHAUST GRILLE AND PAINT TO MATCH EXISTING. ELECTRICAL CONTRACTOR TO DISCONNECT UNIT AND REMOVE EXISTING ELECTRICAL CIRCUIT BACK TO SOURCE. TYPICAL THOUGHTOUT PROJECT.

NOTE:
ALL BATHROOM EXHAUST AND KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION

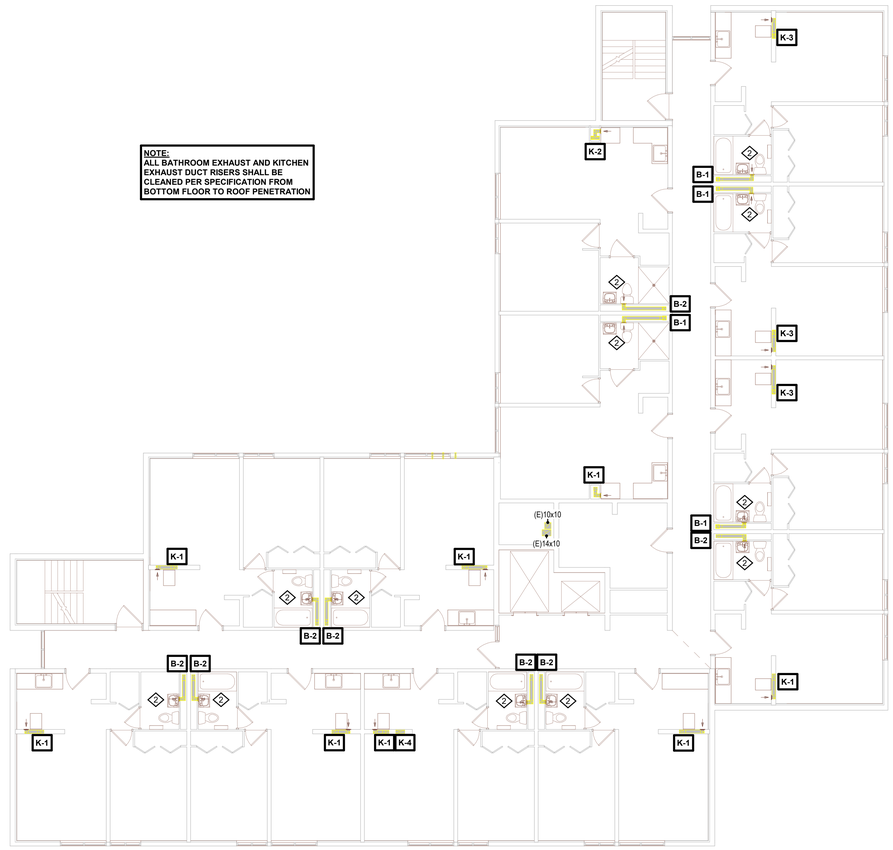


NORTH

1 1ST FLOOR PLAN

1/8" = 1'-0"

NOTE:
ALL BATHROOM EXHAUST AND KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION



NORTH

2 2ND THROUGH 6TH FLOOR HVAC

1/8" = 1'-0"

Last Update: **9/24/2026 8:20:35 AM**

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: **1307 BADGER STREET**
LA CROSSE, WI 54602

Sheet Title: **FLOOR PLANS**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

REVIEW

NOT FOR CONSTRUCTION

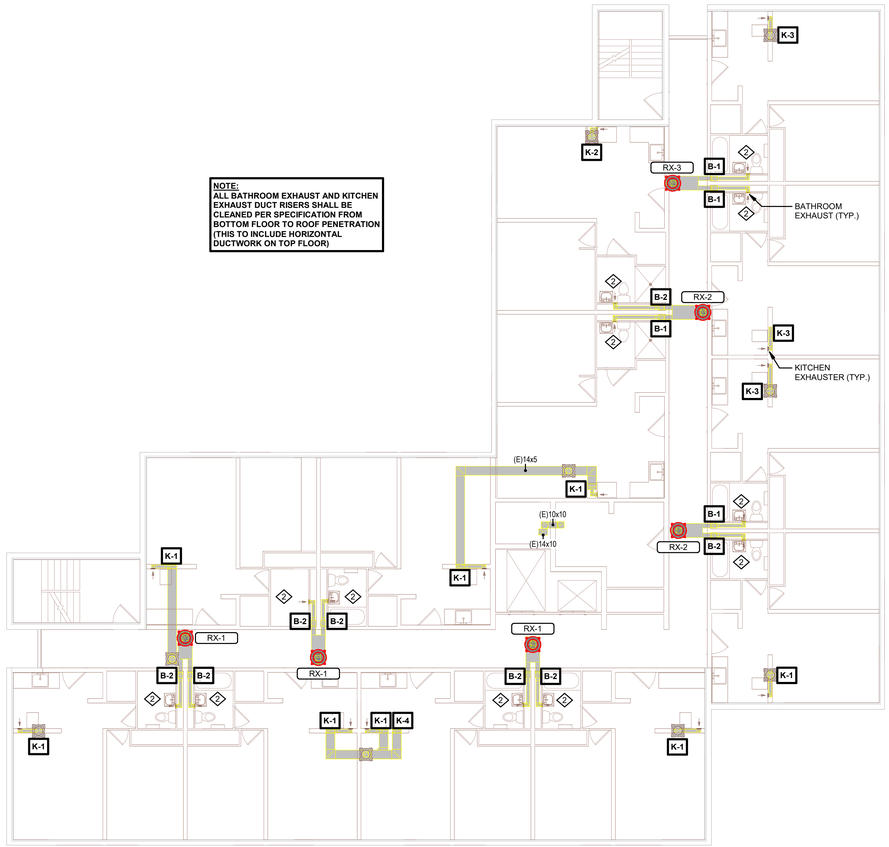
Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

BECKER PLAZA

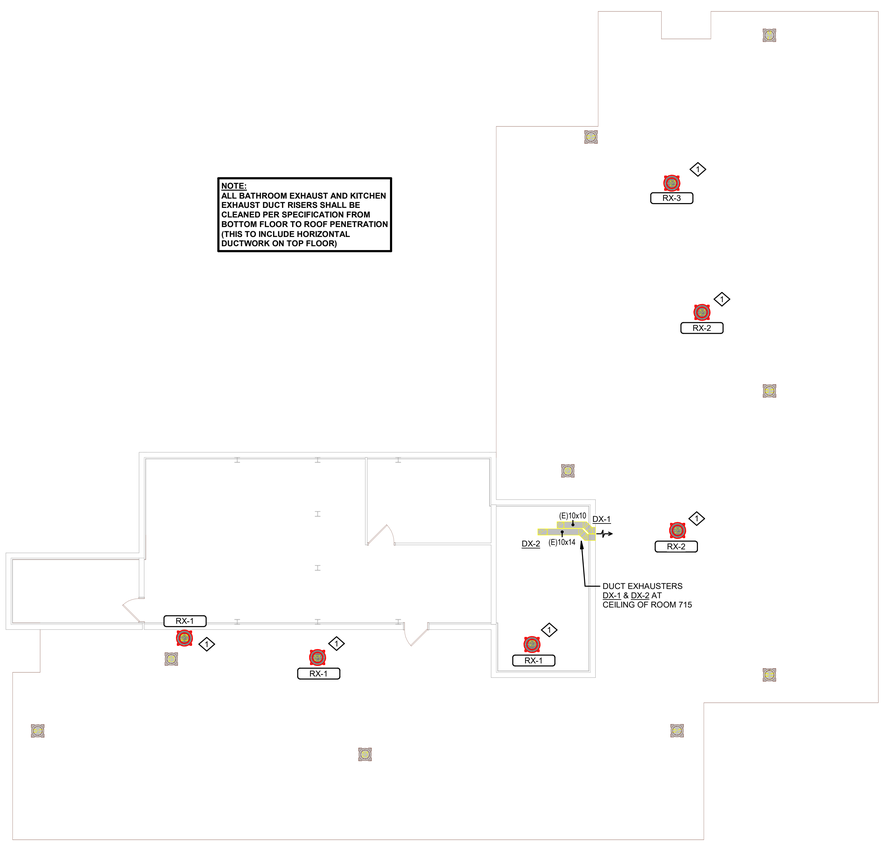
MEP110



NORTH

1 7TH FLOOR HVAC

1/8" = 1'-0"



NORTH

2 ROOF AND PENTHOUSE HVAC

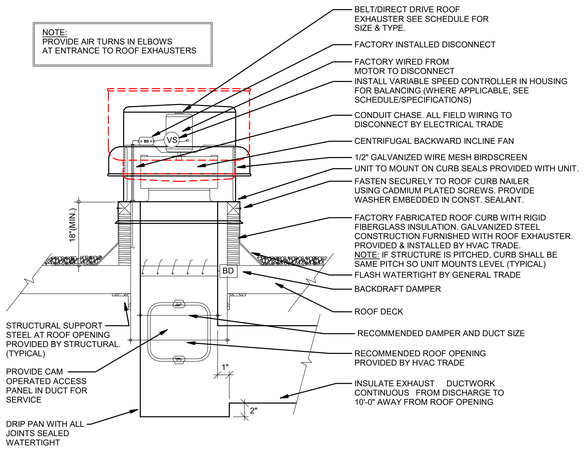
1/8" = 1'-0"

KEYNOTES - REMODEL

Keynote Number	Keynote Description
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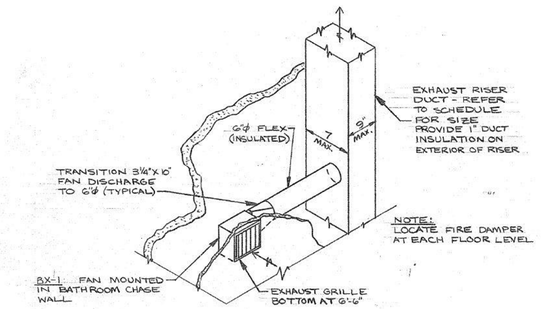
ROOF EXHAUSTER SCHEDULE

UNIT NO.	MANUFACTURER	MODEL NO.	SERVES	EXHAUST FAN AIRFLOW	TYPE	EXT. STATIC PRESS.	FAN BRAKE POWER	FAN RPM	MAX FAN RPM	DRIVE TYPE	MOTOR QTY	MOTOR POWER	EXHAUST AIR CONNECTOR DUCT WIDTH	EXHAUST AIR CONNECTOR DUCT HEIGHT	ROOF/WALL OPENING LENGTH	ROOF/WALL OPENING WIDTH	UNIT WEIGHT	SONES	ELECTRICAL MCA	MOP	VOLTAGE	PHASE	REFERENCE DETAIL NO.	CONTROL	REMARKS
RX-1	GREENHECK	G-120-VG	B-2/B-2	1000 CFM	DOWNBLAST	1.00 in-wg	0.27 hp	1434	1800	DIRECT	1	0.50 hp	12"	12"	14 1/2"	14 1/2"	64 lbf	11.7	8 A	15 A	120 V	1	3MEP111		1. PROVIDE INSULATED 24" ATI SOUND ATTENUATING ROOF CURB. 2. PROVIDE CURB SEALS & BIRDSCREEN. 3. PROVIDE DISCONNECT SWITCH. 4. PROVIDE FACTORY MOUNTED DIAL SPEED CONTROLLER. 5. PROVIDE FULL FAN EXHAUST SYSTEM AIR BALANCING. 6. PROVIDE ROOF CURB ADAPTER FOR EXISTING ROOF CURB (FIELD VERIFY SIZES). 7. PROVIDE GRAVITY BACKDRAFT DAMPER. 8. PROVIDE NEW TIMECLOCK FOR ALL BATHROOM FANS FOR ON/OFF BUILDING CONTROL, LOCATE WITHIN PENTHOUSE.
RX-2	GREENHECK	G-120-VG	B-1/B-2	1100 CFM	DOWNBLAST	1.00 in-wg	0.30 hp	1474	1800	DIRECT	1	0.50 hp	12"	12"	14 1/2"	14 1/2"	64 lbf	12.0	8 A	15 A	120 V	1	3MEP111		
RX-3	GREENHECK	G-120-VG	B-1/B-1	1200 CFM	DOWNBLAST	1.00 in-wg	0.33 hp	1516	1800	DIRECT	1	0.50 hp	12"	12"	14 1/2"	14 1/2"	64 lbf	12.4	8 A	15 A	120 V	1	3MEP111		
Grand total: 6																									



3 DOWNBLAST/UPBLAST ROOF EXHAUSTER DETAIL

1/8" = 1'-0"



BATH EXHAUSTER DETAIL

NTS

DUCT RISER DESIGNATION	K-1		K-2		K-3		K-4		MAIN SUPPLY RISER			
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C.F.M.	DEFLECTOR SIZE	SIZE INTO DUCT
1	--		10x5		6x5		14x5					
2	6x5		14x5		7x5							
3	7x5		14x5		11x5							
4	11x5		14x5		14x5							
5	14x5		14x5		14x5							
6	14x5		14x5		14x5							
7	14x5		14x5		14x5							

DUCT RISER DESIGNATION	B-1		B-2						MAIN SUPPLY RISER			
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C.F.M.	DEFLECTOR SIZE	SIZE INTO DUCT
1	5x5		--									
2	6x6		5x5									
3	9x6		6x6									
4	9x6		9x6									
5	9x7		9x6									
6	9x7		9x7									
7	9x7		9x7									

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HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

Sheet Title: FLOOR PLANS, DETAILS, AND SCHEDULES

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: JB/AB

Key Plan:

REVIEW

NOT FOR CONSTRUCTION

Revisions:

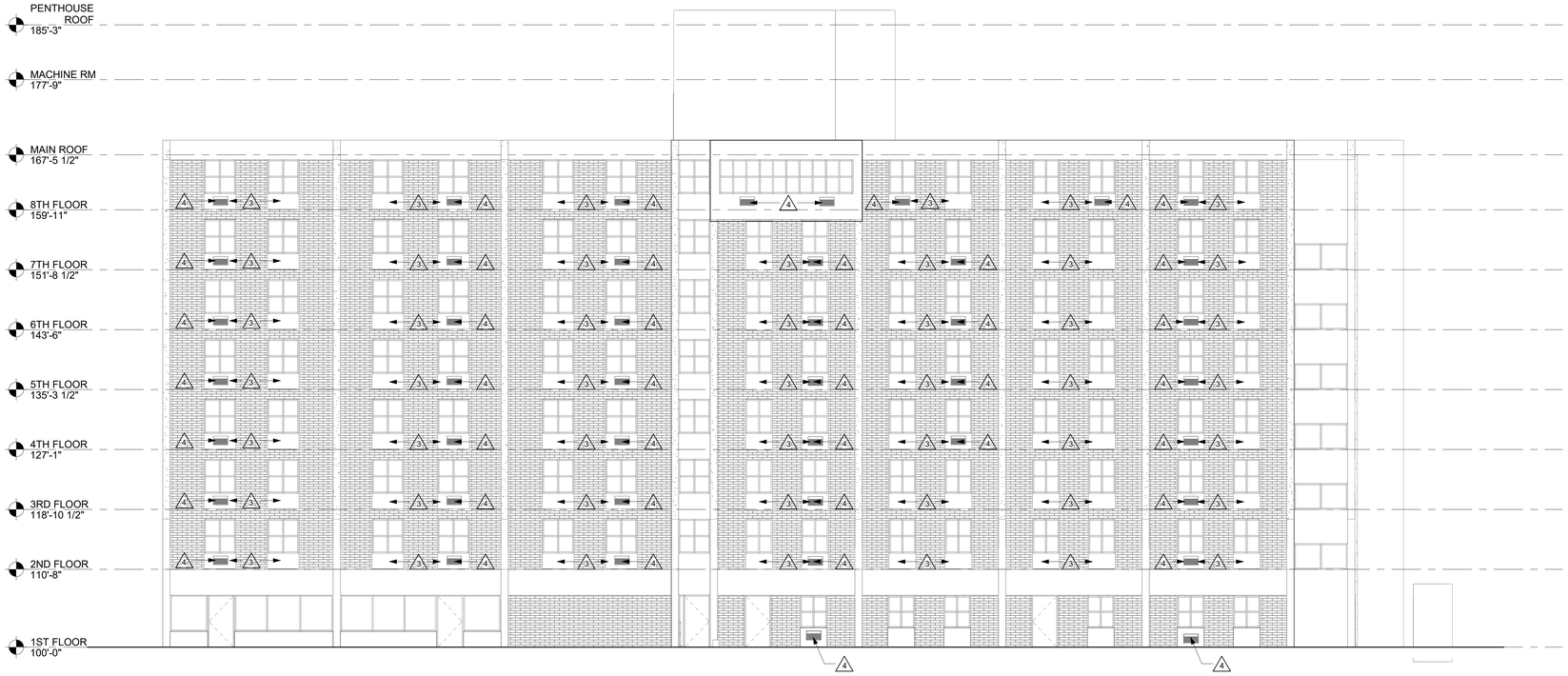
No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

MEP111

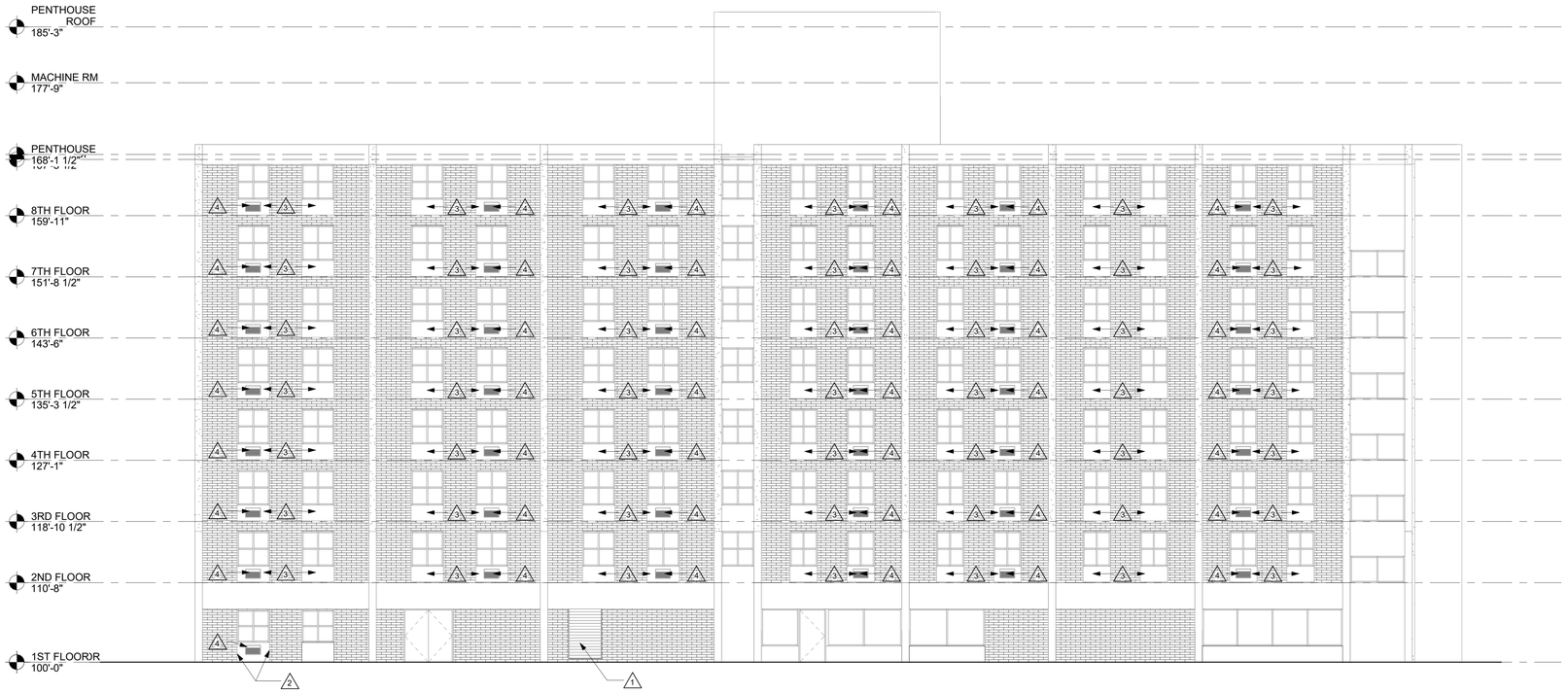
BECKER PLAZA

Last Update: 9/24/2026 8:20:36 AM



1 EAST ELEVATION

1/8" = 1'-0"



2 WEST ELEVATION

1/8" = 1'-0"

ELEVATION GENERAL NOTES:

A. NO WORK AT FIRST FLOOR WINDOWS UNLESS NOTED OTHERWISE.

ELEVATION LEGEND:

1 KEYNOTE TAG

ELEVATIONS KEY NOTES

1	CLEAN AND PREP LOUVER AS REQUIRED FOR NBEW PAINT.
2	SEALANT AT PERIMETER OF PANEL. THIS LOCATION ONLY.
3	CLEAN AND PREP PANELS AS REQUIRED FOR NEW PAINT.
4	CLEAN AND PREP AC SLEEVES AS REQUIRED FOR NEW PAINT.

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LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

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Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54601

Sheet Title: BUILDING ELEVATIONS

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: MPL

Key Plan:

BID SET

Revisions:

No.	Description	Date

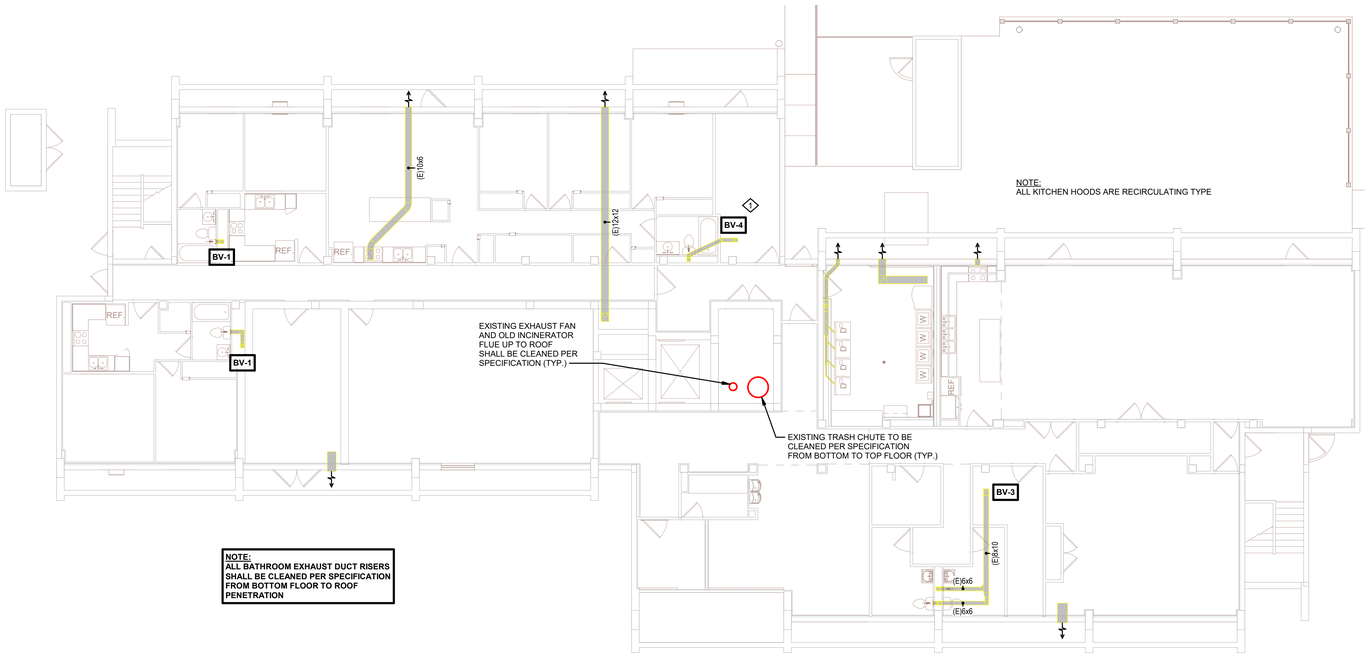
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A220

Last Update: 9/23/2026 12:16:13 PM

KEYNOTES - REMODEL

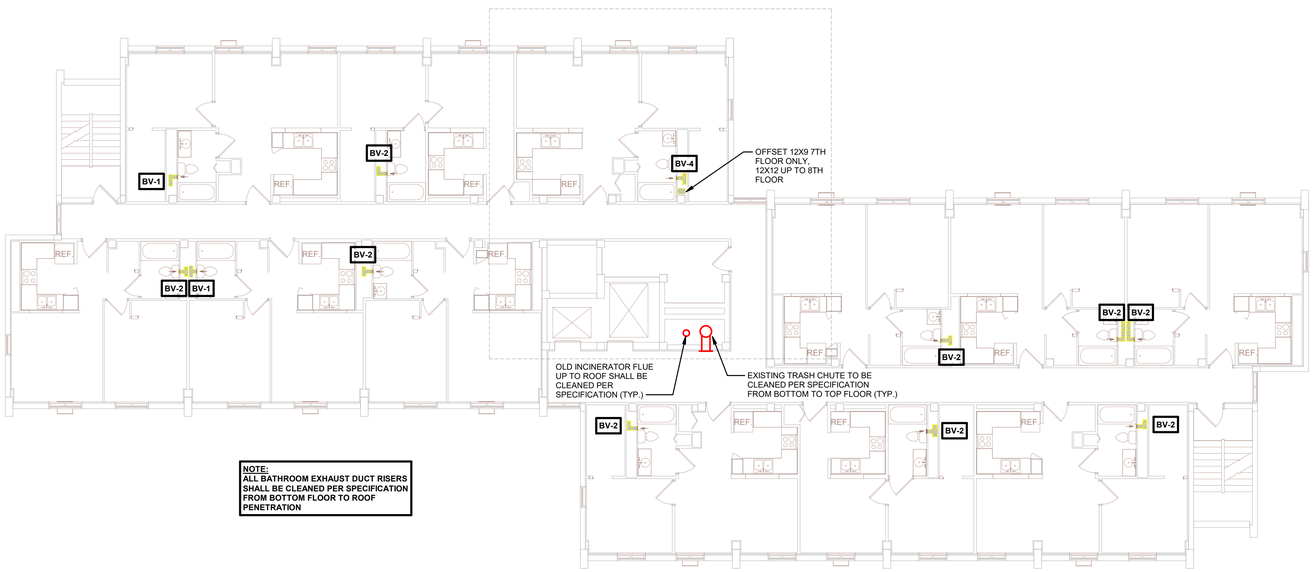
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NORTH

1 1ST FLOOR HVAC

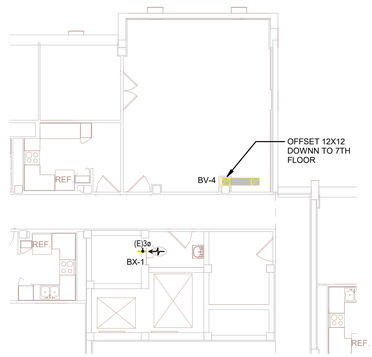
1/8" = 1'-0"



NORTH

2 2ND THROUGH 8TH FLOOR HVAC

1/8" = 1'-0"



NORTH

3 PARTIAL 8TH FLOOR HVAC

1/8" = 1'-0"

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FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

Sheet Title: FLOOR PLANS

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: JB/AB

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

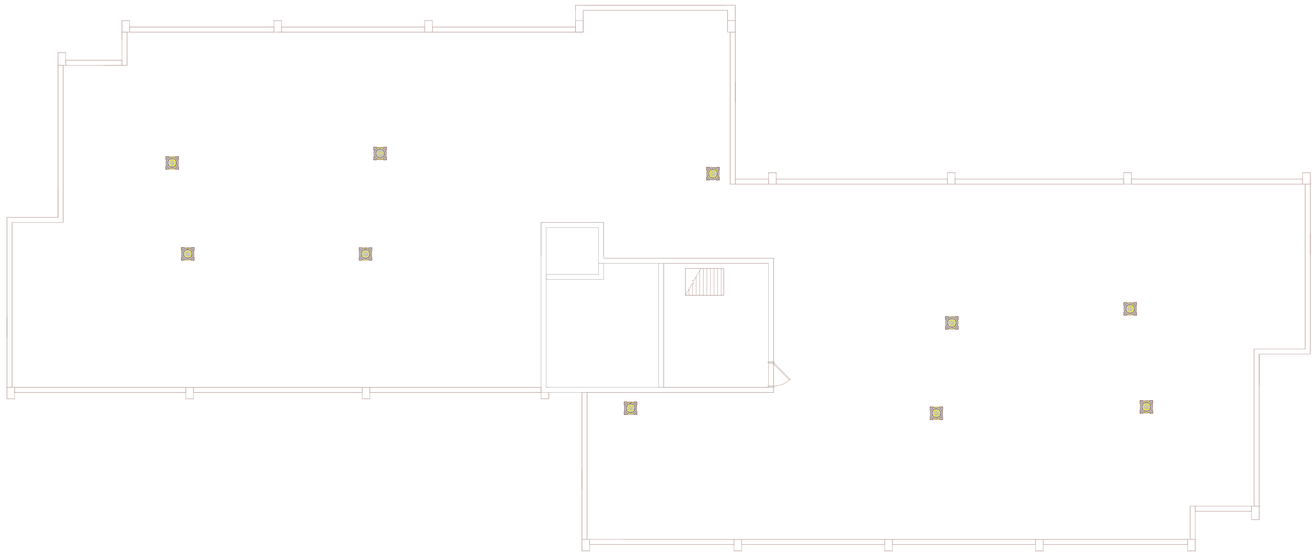
SAUBER MANOR

MEP210

Last Update: 9/24/2026 8:25:03 AM

KEYNOTES - REMODEL

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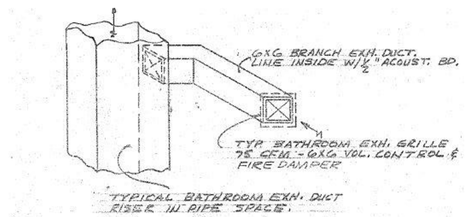
NORTH

1 ROOF HVAC

1/8" = 1'-0"

SCHEDULE OF DUCT RISERS

DUCT RISER	BV-1		BV-2		BV-3		BV-4		MAIN SUPPLY RISER			
GRILLE ON	DUCT SIZE (INSIDE FREE AREA)	CFM	DUCT SIZE (INSIDE FREE AREA)	CFM	DUCT SIZE (INSIDE FREE AREA)	CFM	DUCT SIZE (INSIDE FREE AREA)	CFM	DUCT SIZE (INSIDE FREE AREA)	CFM	DEFLECTROL SIZE	SET INTO DUCT
1ST FLOOR	6X4	75	-	-	8X10	400	6X4	75	24 X 16	1950	—	—
2ND. FLOOR	6X7	150	6X4	75	8X12	475	6X7	150	28 X 16	3100	30 X 8	6"
3 RD. FLOOR	6X9	225	6X7	150	8X13	550	6X9	225	30 X 20	4250	30 X 8	6"
4 TH FLOOR	6X11	300	6X9	225	8X15	625	6X11	300	28 X 22	5400	30 X 8	5"
5 TH FLOOR	6X13	375	6X11	300	8X16	700	6X13	375	34 X 24	6550	30 X 8	5"
6 TH FLOOR	6X15	450	6X13	375	8X17	775	6X15	450	40 X 24	7700	30 X 8	5"
7 TH FLOOR	6X18	525	6X15	450	8X19	850	6X18	525	44 X 24	8850	30 X 8	5"
8TH FLOOR	6X20	600	6X18	525	8X20	975			48 X 24	10,000	30 X 8	5"
QUANTITY	2		10		1		1					
SEE DETAIL	●		●		●		●					
REMARKS												

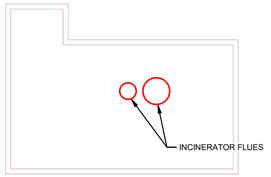


TYPICAL BATHROOM EXH. DUCT RISER IN PIPE SPACE.

(APARTMENT)

TYP. BATHROOM DUCT

NO SCALE



NORTH

2 PENTHOUSE HVAC

1/8" = 1'-0"

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HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

Sheet Title: FLOOR PLANS, DETAILS, AND SCHEDULES

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: JB/AB

Key Plan:

BID SET

Revisions:

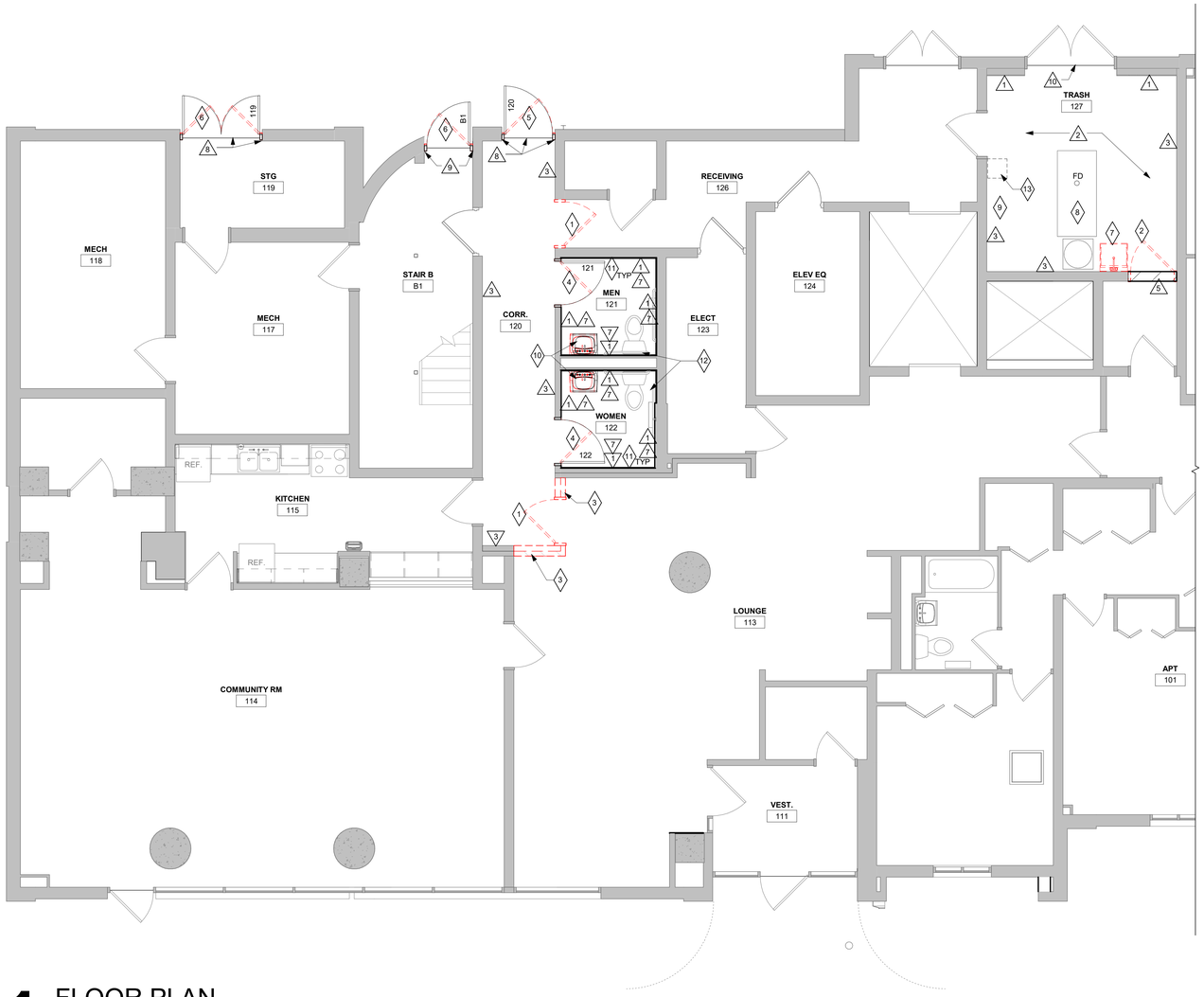
No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

SAUBER MANOR

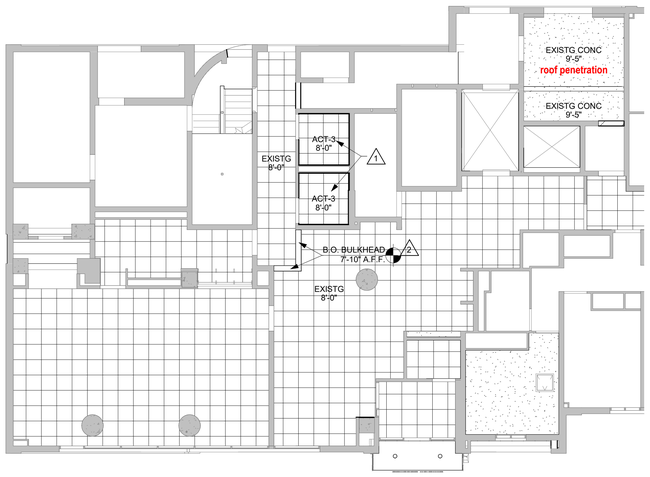
MEP211

Last Update: 9/24/2026 8:25:04 AM



1 FLOOR PLAN

1/4" = 1'-0"



2 REFLECTED CEILING PLAN

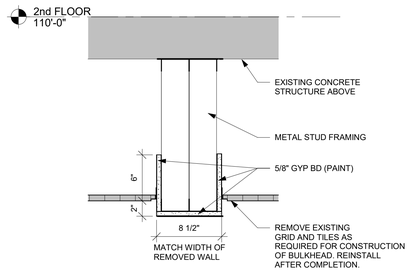
1/8" = 1'-0"

RCP GENERAL NOTES:

A.	REFER TO MECHANICAL AND PLUMBING CEILING ACCESS PANEL LOCATIONS & SIZES.
B.	SEE MECHANICAL FOR CEILING GRILLE INFORMATION.
C.	SEE ELECTRICAL FOR LIGHTING TYPES.
D.	CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION. **ACT-3**=VINYL FACED GYP

RCP KEY NOTES

1	REMOVE GYP BD CEILING SYSTEM INCLUDING EXHAUST GRILL. INSTALL NEW GRID AND CEILING TILE. COORDINATE NEW GRILL WITH MECHANICAL.
2	NEW STUD AND GYP BD BULKHEAD. PAINT. SEE DETAIL THIS SHEET.



3 BULKHEAD DETAIL

1 1/2" = 1'-0"

MASTER COLOR SCHEDULE

	09 65 00 RESILIENT FLOORING/BASE
VWB-1 (VINYL WALL BASE)	MANUFACTURER: TARKETT SIZE: 4" COLOR: PEPPERCORN
	09 67 00 FLUID APPLIED FLOORING
FAF-1 (FLUID APPLIED FLOORING)	SEE SPECIFICATIONS
	09 90 00 PAINTS AND COATINGS
PNT-1 (PAINT)	PAINT NAME: ICE CREAM CCE COLORANT: OZ 32 64 128 Y3 - DEEP GOLD: - 27 1 - R4 - NEW RED: - - 1 - 1 FIVE GALLON: B20WF871 EXTRA WHITE: 650111909 FINISH: SATIN

PLAN GENERAL NOTES:

A. XXXXXXXXXXXX

PLAN LEGEND:

- SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- SYMBOL INDICATES DEMOLITION NOTE THIS SHEET
- EXISTING FLOOR DRAIN

PLAN KEY NOTES

1	NEW FLOOR TO CEILING FRP PANELS.
2	FLUID APPLIED FLOORING (FAF-1) PER SECTION 09 67 00. SEE DETAILS SHEET A360.
3	PAINT ENTIRE WALL.
5	8" CMU INFILL. PAINT.
7	NEW VINYL BASE.
8	PATCH/ REPAIR FLOOR, GYP BD TO NEW FRAME JAMBS AS REQUIRED. PAINT TO MATCH ADJACENT WALL.
9	PAINT CMU AT JAMBS TO MATCH EXISTING.
10	REMOVE EXISTING THRESHOLD AND SALVAGE. REPLACE IN A BED OF SEALANT AFTER FAF IS INSTALLED.

DEMOLITION KEY NOTES

1	REMOVE EXISTING DOOR AND FRAME. PATCH/ REPAIR WALLS AS REQUIRED TO MATCH ADJACENT FINISHES.
2	REMOVE EXISTING DOOR, FRAME AND ANY ANCHORS. INFILL OPENING WITH CMU. MATCH ADJACENT FINISHES.
3	REMOVE BRICK/ STUD AND GYP WALL.
4	REMOVE DOOR ONLY, FRAME TO REMAIN. REUSE HARDWARE, EXCEPT HINGES.
5	REMOVE DOOR AND FRAME, INCLUDING EXTERIOR PUSH PAD, CARD READER AND AUTO OPERATOR. SALVAGE CARD READER FOR RE-INSTALLATION. PREPARE OPENING AS REQUIRED FOR INSTALLATION OF NEW FRAME.
6	REMOVE DOOR FRAME AND HARDWARE. PREPARE OPENING AS REQUIRED FOR INSTALLATION OF NEW FRAME.
7	REMOVE UTILITY SINK AND PIPING. PATCH REMAINING PENETRATIONS.
8	DISCONNECT AND REMOVE TRASH COMPACTOR, CLEAN AND REINSTALL.
9	REMOVE SHELVING.
10	REMOVE SINK AND FAUCET. PREP FOR NEW. TOILET TO REMAIN.
11	REMOVE VINYL BASE.
12	REMOVE TOILET ROOM ACCESSORIES, SALVAGE AND REINSTALL AFTER INSTALLATION OF NEW FRP PANELS.
13	NEW OPENING IN CONCRETE ROOF ABOVE. VERIFY SIZE AND LOCATION WITH MECHANICAL. SEE DETAIL SHEET A360.

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HSR ASSOCIATES INC.
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LA CROSSE, WISCONSIN
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Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENT PROJECTS

Project Location: **1307 BADGER STREET**
LA CROSSE, WI 54601

Sheet Title: **FIRST FLOOR PLAN AND REFLECTED CEILING PLAN**

HSR Project Number: **26039**

Project Date: **Sept 24, 2026**

Drawn By: **MPL**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

A310

SOLBERG HEIGHTS

Last Update: **9/23/2026 12:14:26 PM**

DOOR SCHEDULE

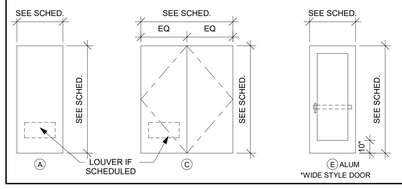
MARK	SIZE W	SIZE H	SIZE T	DOOR TYPE	DOOR MATERIAL	GLASS TYPE	DOOR U-CUT OR LOUVER	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	GLASS TYPE	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HDWR GROUP	REMARKS
119	5' - 4"	7' - 0"	1 3/4"	DOOR C	FBGLS			FRAME AA	4 1/2"	ALUM		1A360	2,3A360	5A360	1	1
120	3' - 4"	6' - 10"	1 3/4"	DOOR E	ALUM	GLT-12		FRAME AA	4 1/2"	ALUM		1A360	2,3A360	5A360	2	3
121	3' - 0"	6' - 10"	1 3/4"	DOOR A	SCWD			EXISTING	5 5/8"						3	2
122	3' - 0"	6' - 10"	1 3/4"	DOOR A	SCWD			EXISTING	5 5/8"						3	2
A1	3' - 0"	6' - 10"	1 3/4"	DOOR A	FBGLS			FRAME AA	4 1/2"	ALUM		1A360	3,4A360	5A360	4	
B1	3' - 0"	6' - 10"	1 3/4"	DOOR A	FBGLS			FRAME AA	4 1/2"	ALUM		1A360	3,4A360	5A360	4	

DOOR SCHEDULE GENERAL NOTES

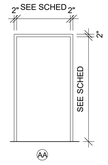
HM = HOLLOW METAL FBGLS= FIBERGLASS ALUM = ALUMINUM SCWD = SOLID CORE WOOD DOOR

A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS
B. ALL HM (HOLLOW METAL) AND IHM (INSULATED HOLLOW METAL) DOORS AND FRAMES SHALL BE PAINTED
C. ALL DOUBLE DOORS TO HAVE TWO EQUAL LEAFS UNLESS NOTED OTHERWISE

DOOR TYPES

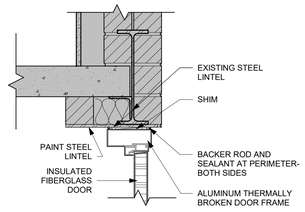


DOOR FRAME TYPES



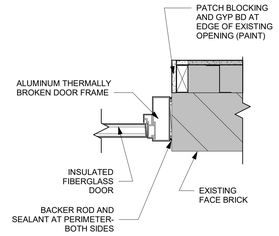
DOOR SCHEDULE REMARKS

1. PAIR OF EQUAL LEAF DOORS.
2. NEW DOOR IN EXISTING FRAME- NEW HINGES ONLY.
3. NEW AUTO OPERATOR, PUSH PADS, AND CARD READER.



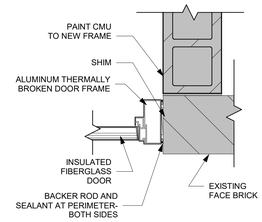
1 DOOR HEAD DETAIL

1 1/2" = 1'-0"



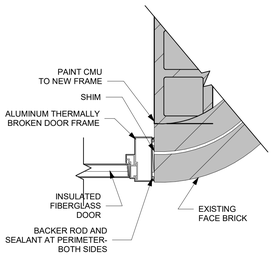
2 DOOR JAMB DETAIL

1 1/2" = 1'-0"



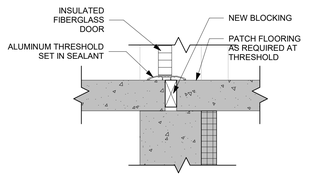
3 DOOR JAMB DETAIL

1 1/2" = 1'-0"



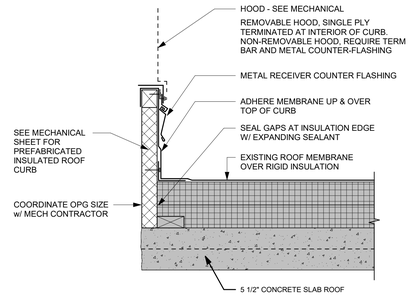
4 DOOR JAMB DETAIL

1 1/2" = 1'-0"



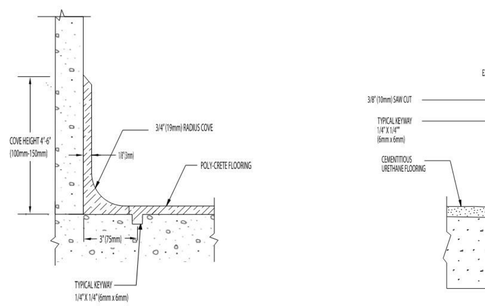
5 DOOR SILL DETAIL

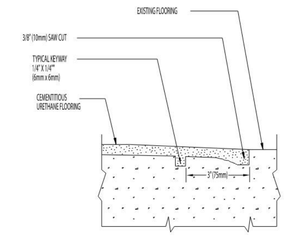
1 1/2" = 1'-0"

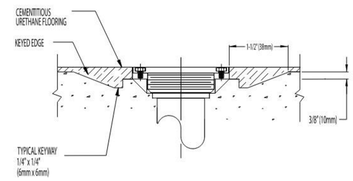


6 CURB FLASHING

1 1/2" = 1'-0"







7 FLUID APPLIED FLOORING DETAILS

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100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENT PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54601

Sheet Title: DOOR SCHEDULE

HSR Project Number: 26039

Project Date: Sept 24, 2026

Drawn By: MPL

Key Plan:

BID SET

Revisions:

No.	Description	Date

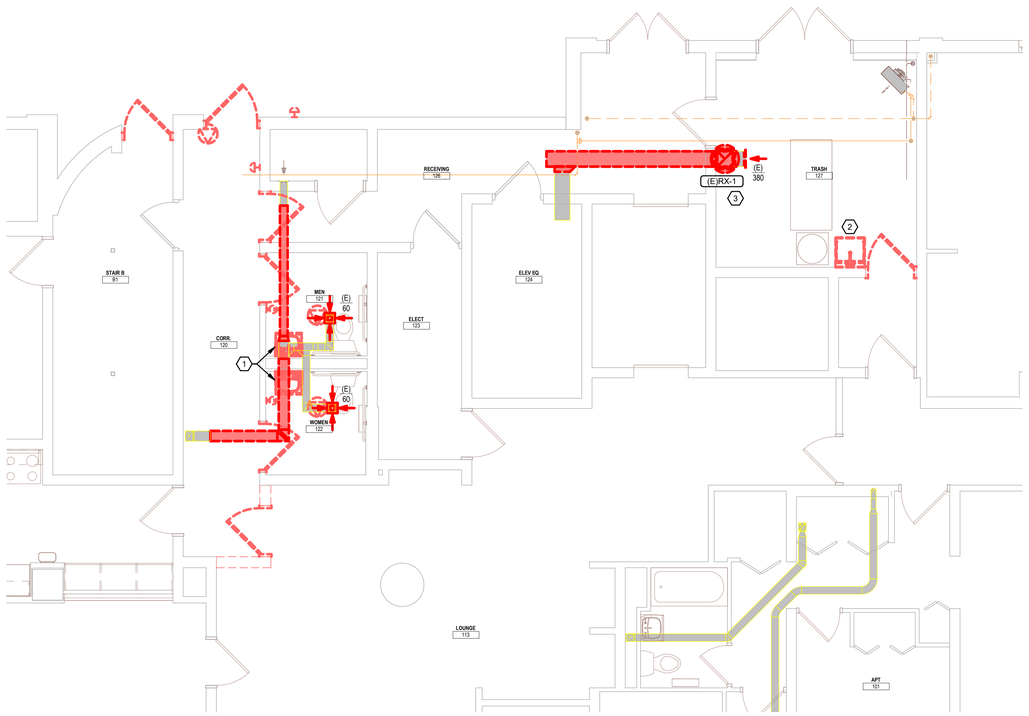
Graphic Scale: VARIES

A360

SOLBERG HEIGHTS

Last Update: 9/23/2026 12:14:26 PM

#	KEYNOTES - DEMO
Keynote Number	Keynote Description
#	ALL REMOVED ITEMS THAT THE OWNER WANTS SHALL BE REMOVED AND TURNED OVER TO THE OWNER AT DESIGNATED STORAGE SPACE ON SITE. ALL REMAINING ITEMS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
1	WALL HUNG LAVATORY. PIPING TO REMAIN.
2	UTILITY SINK. REMOVE ALL EXPOSED PIPING. PIPING IN WALL TO BE ABANDONED AND CAPPED. NEARBY SPRINKLER DRAIN PIPE TO REMAIN.
3	ELECTRICAL CONTRACTOR TO DISCONNECT AND PRESERVE CIRCUIT.



NORTH

1 1ST FLOOR REMOVAL PLAN

1/4" = 1'-0"

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LA CROSSE, WISCONSIN
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FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

Sheet Title: **1ST FLOOR REMOVAL PLAN**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

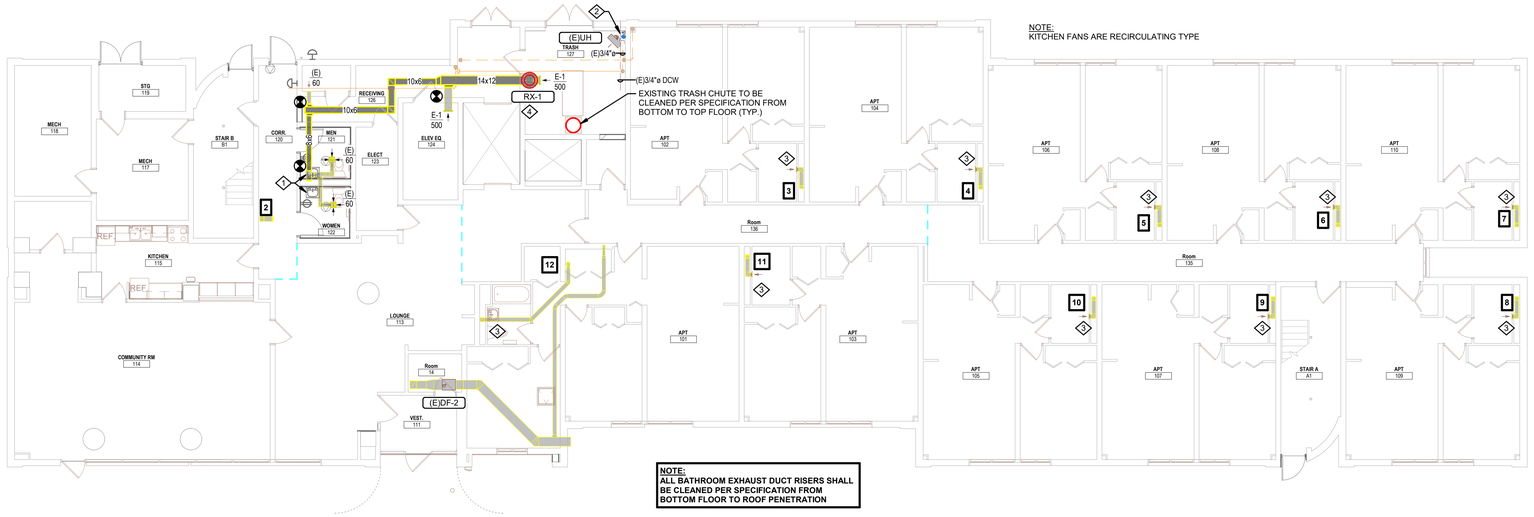
SOLBERG HEIGHTS

MEP309

Last Update: **9/24/2026 8:28:49 AM**

KEYNOTES - REMODEL

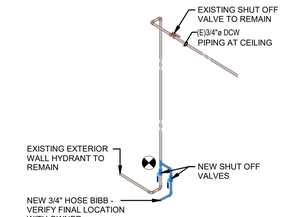
Keynote Number	Keynote Description
#	COORDINATE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH CEILING GRID, SPRINKLER HEADS, RECESSED LIGHTING AND ALL OTHER CEILING MOUNTED EQUIPMENT.
1	NEW WALL HUNG LAVATORY TO BE KOHLER K-2032 OR EQUAL. FAUCET TO BE DELTA 2510LF, NO EXCEPTIONS. CONNECT TO EXISTING PIPING. PROVIDE NEW P-TRAP, TAILPIECES, SUPPLIES AND STOPS, GRID STRAINER. INSULATE PIPING TO MEET ADA REQUIREMENTS.
2	NEW INTERIOR HOSE BIBB TO BE WOODFORD V26-CH OR EQUAL. SEE ISOMETRIC VIEW THIS SHEET.
3	EXISTING UNIT EXHAUST FAN TO BE REMOVED ALONG WITH ANY VOLUME DAMPERS WITHIN DUCTWORK. PROVIDE NEW BLADE STYLE EXHAUST GRILLE (WHITE, ALUMINUM) TO COVER EXISTING OPENING (MECHANICAL CONTRACTOR TO FIELD VERIFY EXISTING SIZES PRIOR TO ORDER). PROVIDE NEW AUTOMATIC BALANCING DAMPER (GREENHECK ABD-T) IN BRANCH EXHAUST DUCTWORK, SET TO 60 CFM. PATCH WALL AROUND EXHAUST GRILLE AND PAINT TO MATCH EXISTING. ELECTRICAL CONTRACTOR TO DISCONNECT UNIT AND REMOVE EXISTING ELECTRICAL CIRCUIT BACK TO SOURCE. TYPICAL THOUGHTOUT PROJECT.
4	ELECTRICAL CONTRATOR TO RE-CONNECT CIRCUIT TO NEW UNIT. COORDINATE WITH MECHANICAL CONTRACTOR.



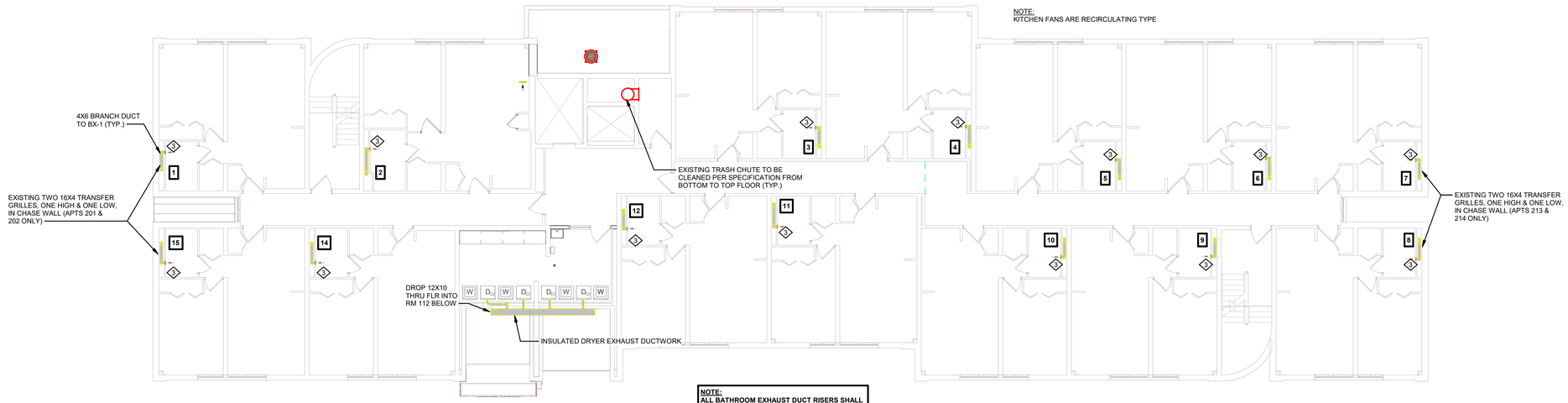
NORTH

1 1ST FLOOR HVAC

1/8" = 1'-0"



3 PLUMBING ISO



NORTH

2 2ND FLOOR HVAC

1/8" = 1'-0"

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LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE 2026 CAPITAL IMPROVEMENTS PROJECTS**

Project Location: **1307 BADGER STREET LA CROSSE, WI 54602**

Sheet Title: **FLOOR PLANS**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

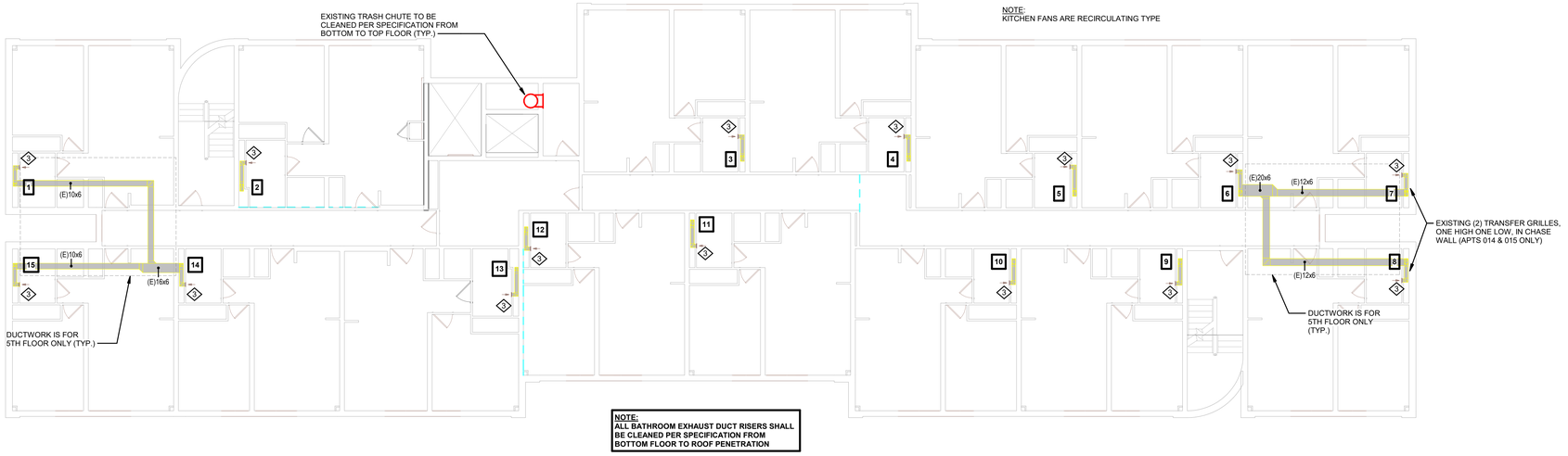
MEP310

SOLBERG HEIGHTS

Last Update: **9/24/2026 8:28:49 AM**

KEYNOTES - REMODEL

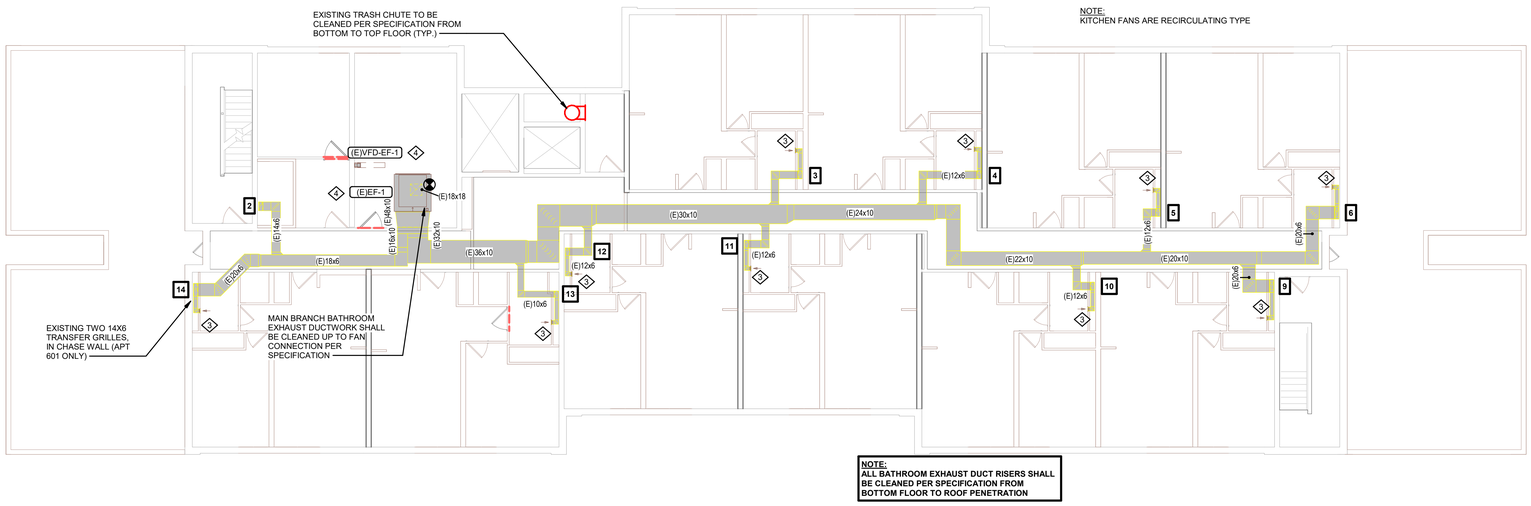
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4	ELECTRICAL CONTRATOR TO RE-CONNECT CIRCUIT TO NEW UNIT. COORDINATE WITH MECHANICAL CONTRACTOR.



NORTH

1 3RD THROUGH 5TH FLOOR HVAC

1/8" = 1'-0"



NORTH

2 6TH FLOOR HVAC

1/8" = 1'-0"

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Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

Sheet Title: **FLOOR PLANS**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

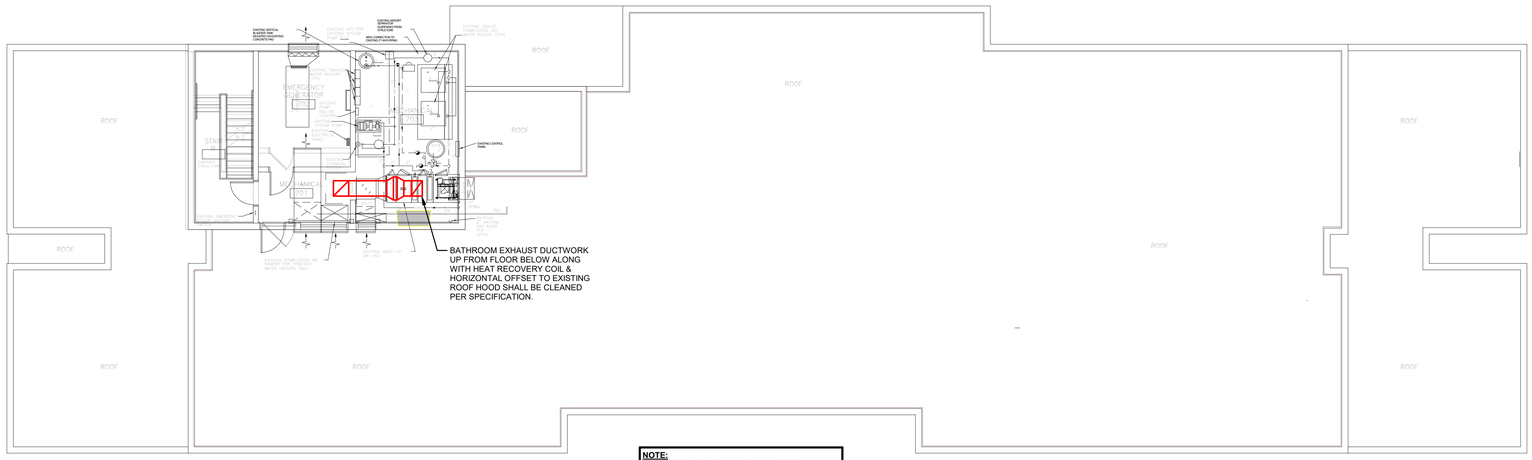
MEP311

SOLBERG HEIGHTS

Last Update: **9/24/2026 8:28:50 AM**

KEYNOTES - REMODEL

Keynote Number	Keynote Description
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4	ELECTRICAL CONTRATOR TO RE-CONNECT CIRCUIT TO NEW UNIT. COORDINATE WITH MECHANICAL CONTRACTOR.



NOTE:
ALL BATHROOM EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION

NORTH

1 7TH FLOOR PENTHOUSE AND ROOF HVAC

1/8" = 1'-0"

ROOF EXHAUSTER SCHEDULE

	UNIT NO.	MANUFACTURER	MODEL NO.	SERVES	EXHAUST FAN: AIRFLOW	TYPE	EXT. STATIC PRESS.	FAN BRAKE POWER	FAN RPM	MAX FAN RPM	DRIVE TYPE	MOTOR: QTY	MOTOR: POWER	EXHAUST AIR CONNECTOR: DUCT WIDTH	EXHAUST AIR CONNECTOR: DUCT HEIGHT	ROOF/WALL OPENING: LENGTH	ROOF/WALL OPENING: WIDTH	UNIT WEIGHT	SONES	ELECTRICAL: MCA	ELECTRICAL: MOP	ELECTRICAL: VOLTAGE	ELECTRICAL: PHASE	REFERENCE: DETAIL NO.	REFERENCE: CONTROL	REMARKS: 1. PROVIDE INSULATED 24" ATI SOUND ATTENUATING ROOF CURB. 2. PROVIDE CURB SEALS & BIRDSCREEN. 3. PROVIDE DISCONNECT SWITCH. 4. PROVIDE FACTORY MOUNTED DIAL SPEED CONTROLLER. 5. PROVIDE VFD RATED MOTOR W/ SHAFT GROUNDING. 6. PROVIDE HINGED CURB CAP KIT W/ CABLES. 7. PROVIDE GRAVITY BACKDRAFT DAMPER.
	RX-1	GREENHECK	G-120-VG	TRASH	1300 CFM	DOWNBLAST	1.00 in-wg	0.36 hp	1300	1800	DIRECT	1	0.50 hp	12"	12"	14 1/2"	14 1/2"	64 lbf	12.9	8 A	15 A	120 V	1	2MEP312		
Grand total: 1																										

DUCT RISERS

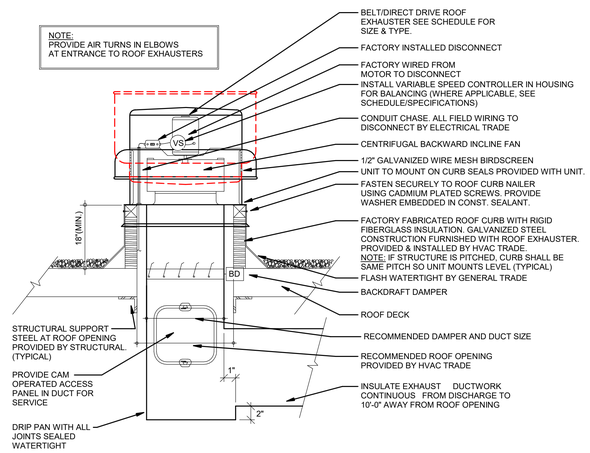
DUCT RISER DESIGNATION	1		2		3		4	
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.
1ST FLOOR	—	—	8/10	180	10/4	60	10/4	60
2ND FLOOR	10/4	60	10/10	240	10/10	120	10/10	120
3RD FLOOR	10/10	120	12/10	300	8/10	180	8/10	180
4TH FLOOR	8/10	180	12/10	360	10/10	240	10/10	240
5TH FLOOR	10/10	240	14/10	420	12/10	300	12/10	300
6TH FLOOR	—	—	—	—	12/10	360	12/10	360

DUCT RISER DESIGNATION	5		6		7		8		16 MAIN SUPPLY RISER			
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DEFLECTOR SIZE	SET INTO DUCT
1ST FLOOR	10/4	60	10/4	60	10/4	60	10/4	60	12/10	1010	—	—
2ND FLOOR	10/10	120	10/10	120	10/10	120	10/10	120	22/10	1480	DTL-WMS	—
3RD FLOOR	8/10	180	8/10	180	8/10	180	8/10	180	26/10	1710	DTL-WMS	—
4TH FLOOR	10/10	240	10/10	240	10/10	240	10/10	240	28/10	1940	DTL-WMS	—
5TH FLOOR	12/10	300	12/10	300	12/10	300	12/10	300	30/10	2170	DTL-WMS	—
6TH FLOOR	12/10	360	24/10	960	—	—	—	—	34/10	2400	DTL-WMS	—

DUCT RISER DESIGNATION	9		10		11		12
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.
1ST FLOOR	10/4	60	10/4	60	10/4	60	10/4	60
2ND FLOOR	10/10	120	10/10	120	10/10	120	10/10	120
3RD FLOOR	8/10	180	8/10	180	8/10	180	8/10	180
4TH FLOOR	10/10	240	10/10	240	10/10	240	10/10	240
5TH FLOOR	12/10	300	12/10	300	12/10	300	12/10	300
6TH FLOOR	12/10	360	12/10	360	12/10	360	12/10	360

DUCT RISER DESIGNATION	13		14		15				MAIN SUPPLY RISER			
GRILLE LOCATION (FLOOR)	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DUCT SIZE (INSIDE) FREE AREA	C. F. M.	DEFLECTOR SIZE	SET INTO DUCT
1ST FLOOR	—	—	—	—	—	—						
2ND FLOOR	—	—	10/4	60	10/4	60						
3RD FLOOR	10/4	60	10/10	120	10/10	120						
4TH FLOOR	10/10	120	8/10	180	8/10	180						
5TH FLOOR	8/10	180	10/10	240	10/10	240						
6TH FLOOR	10/10	240	20/10	780	—	—						

NOTE: ALL BRANCH DUCTS FROM DUCT RISER TO BATH EXHAUST BX-1 SHALL BE 10/4 (INSIDE) (SEE DETAIL 2/M5)



2 DOWNBLAST/UPBLAST ROOF EXHAUSTER DETAIL

1/8" = 1'-0"

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100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
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Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

Sheet Title: **FLOOR PLANS, DETAILS, AND SCHEDULES**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

SOLBERG HEIGHTS

MEP312

Last Update: 9/24/2026 8:28:50 AM

LIGHT FIXTURE SCHEDULE

Type	Manufacturer	Catalog	Description	Voltage	Mounting**				Lamp	Remark Number*
					F	S	P	O		
D1	Eaton	SGTP6LEDOS 15L 35K DO10 1 CR TP6223OSMW MW FG	Recessed LED Downlight 6in - 1500 Lumen 35K	120	X				LED	1
V1	OXYGEN	ADELPHA 24" VANITY # 3-537-24	24" VANITY NICKEL 3000K 1250 LUMENS	UNV		X			LED	1

* SEE REMARKS
** (F) FLUSH MOUNT; (S) SURFACE MOUNT; (P) PENDANT HUNG; (O) OTHER-SEE REMARKS IN REGARDS TO FIXTURE MOUNTING.

REMARKS:
1. CONNECT TO OCCUPANCY SENSOR ZONE.

EQUAL FIXTURES:

a. FIXTURES EQUAL IN ALL RESPECTS TO THE SPECIFIED FIXTURES MANUFACTURED BY, PHILIPS, NUVOLIGHTING, COOPER LIGHTING, LITHONIA, COLUMBIA, HUBBELL, & DAYBRITE SHALL BE CONSIDERED AS EQUAL.

ELECTRICAL SYMBOLS

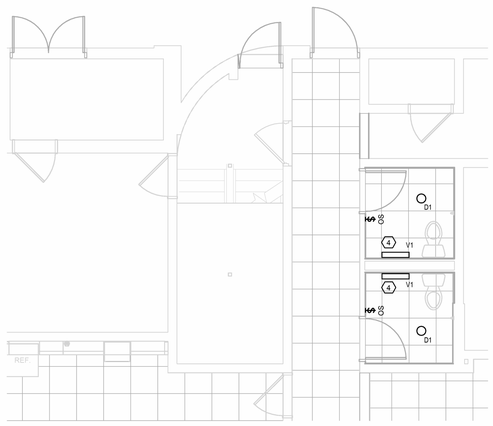
- CR — CARD READER
- DL — DOOR LOCK, ELECTRIC
- DC — DOOR CONTACT
- $ (OS) — SINGLE POLE SWITCH - TOGGLE TYPE - MOUNT AT 46" AFF, UNLESS NOTED OTHERWISE
  - SWITCH DESIGNATION
  - SWITCH TYPE
    - (3) 3 WAY
    - (OS) OCCUPANCY SENSOR
    - (D) DIMMER
- LIGHTING FIXTURE DOWNLIGHT - 6" DOWNLIGHT 1500 LUMENS 3500K
- LINEAR LIGHTING FIXTURE - 24" VANITY 1200 LUMEN 3000K
- PUSHBUTTON STATION
- EQUIPMENT CONNECTION OR PROVISION (NUMBER REFERS TO SCHEDULE)
- DUPLEX RECEPTACLE - MOUNTED 18" AFF UNLESS NOTED OTHERWISE

GENERAL NOTES :

1. PROVIDE GROUND CONDUCTOR IN ALL RACEWAYS.
2. PROVIDE FIRE STOPPING AND SMOKE DRAFT STOPPING AT ALL CONDUIT PENETRATIONS. REFER TO SPECIFICATION SECTION 07 84 00 FOR FIRE RESISTIVE AND NON-FIRE RESISTIVE ASSEMBLIES.
3. THE WORD "PROVIDE" MEANS TO FURNISH AND INSTALL.
4. CIRCUIT NUMBERS INDICATED ON DRAWINGS ARE FOR REFERENCE. ELECTRICAL CONTRACTOR TO ARRANGE BRANCH CIRCUITS AS REQUIRED FOR WIRING AND LOAD BALANCING. INDICATE ACTUAL PANELBOARD CIRCUIT NUMBERS ON AS-BUILT DRAWINGS.
5. SEE ARCHITECTURAL DRAWINGS FOR RELEVANT INTERIOR ELEVATIONS, SECTIONS AND MISCELLANEOUS BUILDING INFORMATION REQUIRED TO COMPLETE THE ELECTRICAL INSTALLATION.
6. SEE THIS SHEET FOR ELECTRICAL SCHEDULES.
7. CONNECT BATTERY EXIT SIGNS AND EGRESS LIGHTING TO ADJACENT EMERGENCY LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.
8. ALL RECESSED FIXTURES WHICH PENETRATE THE BUILDING ENVELOPE (FROM HEATED SPACE TO A NON HEATED SPACE) SHALL BE PROPERLY SEALED OR BOXED OUT TO ELIMINATE AIR PASSING THROUGH TO ANOTHER SPACE.
9. ALL OCCUPANCY SENSORS TO BE PROVIDED WITH AUXILIARY RELAY FOR HVAC AND CONTROLS AS NOTED. REFER TO MECHANICAL AND PLUMBING DRAWINGS.

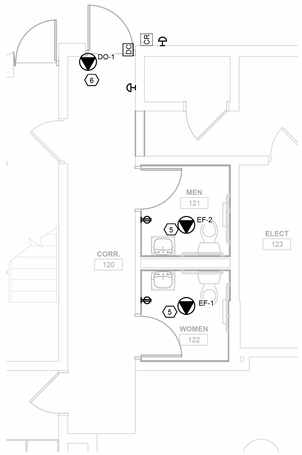
KEYNOTES : (#)

1. REMOVE EXISTING EXHAUST FAN, LIGHT FIXTURES, AND RECEPTACLES. PRESERVE EXISTING CIRCUITS.
2. REMOVE AND PRESERVE SECURITY DEVICES FOR RE- INSTALL OF NEW DOOR.
3. REMOVE DOOR OPERATOR. PRESERVE CIRCUIT.
4. INSTALL NEW VANITY FIXTURE. PATCH AND PAINT AS NEEDED.
5. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXHAUST FAN OCCUPANCY CONTROL.
6. COORDINATE WITH SECURITY CONTRACTOR FOR DOOR OPENER OPERATION.



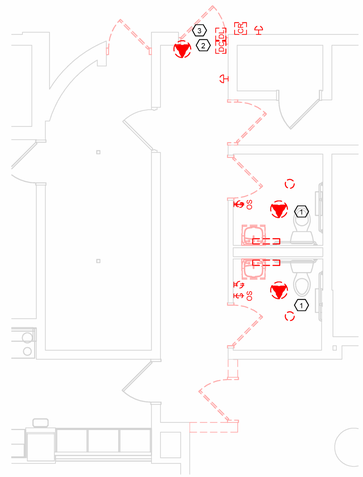
3 FIRST FLOOR LIGHTING PLAN

1/4" = 1'-0"



2 FIRST FLOOR POWER PLAN

1/4" = 1'-0"



1 MAIN FLOOR DEMOLITION PLAN

1/4" = 1'-0"

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: **1307 BADGER STREET**
LA CROSSE, WI 54602

Sheet Title: **ELECTRICAL FLOOR PLANS AND SCHEDULES**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 1' 2' 4' 6'

MEP313

SOLBERG HEIGHTS

Last Update: **9/24/2026 8:28:52 AM**

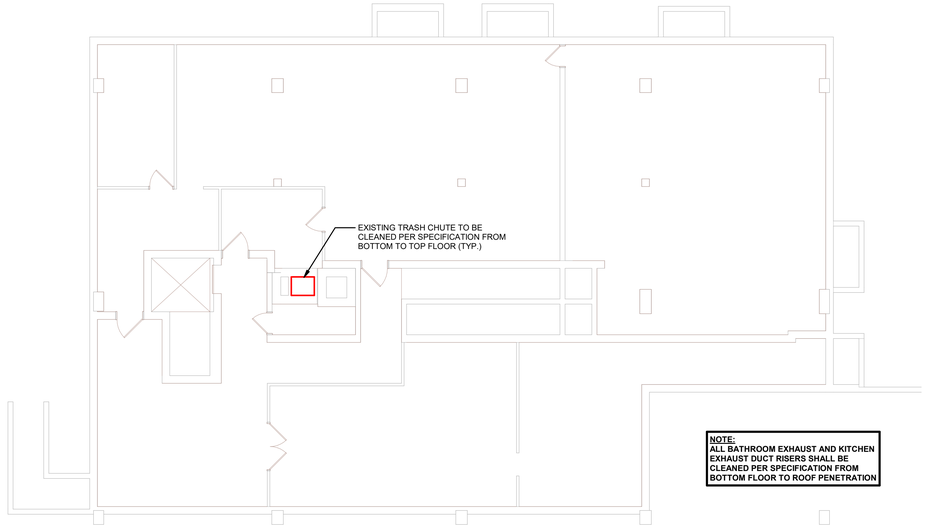
KEYNOTES - REMODEL

Keynote Number	Keynote Description
#	COORDINATE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH CEILING GRID, SPRINKLER HEADS, RECESSED LIGHTING AND ALL OTHER CEILING MOUNTED EQUIPMENT.
1	EXISTING UNIT EXHAUST FAN TO BE REMOVED ALONG WITH ANY VOLUME DAMPERS WITHIN DUCTWORK. PROVIDE NEW BLADE STYLE EXHAUST GRILLE (WHITE, ALUMINUM) TO COVER EXISTING OPENING (MECHANICAL CONTRACTOR TO FIELD VERIFY EXISTING SIZES PRIOR TO ORDER). PROVIDE NEW AUTOMATIC BALANCING DAMPER (GREENHECK ABD-T) IN BRANCH EXHAUST DUCTWORK, SET TO 100 CFM. PATCH WALL AROUND EXHAUST GRILLE AND PAINT TO MATCH EXISTING. ELECTRICAL CONTRACTOR TO DISCONNECT UNIT AND REMOVE EXISTING ELECTRICAL CIRCUIT BACK TO SOURCE. TYPICAL THOUGHTOUT PROJECT.
2	ELECTRICAL CONTRATOR TO RE-CONNECT CIRCUIT TO NEW UNIT. COORDINATE WITH MECHANICAL CONTRACTOR. VAV FEEDER VARIFY (3) #14 CONDUCTORS (1) #14 NEUTRAL (1) #14 GROUND 3/4" EMT CONDUIT. RX-1 FEEDER VARIFY (3) #8 CONDUCTORS (1) #8 NEUTRAL (1) #10 GROUND 3/4" EMT CONDUIT.

ARCHITECTURE
ENGINEERING
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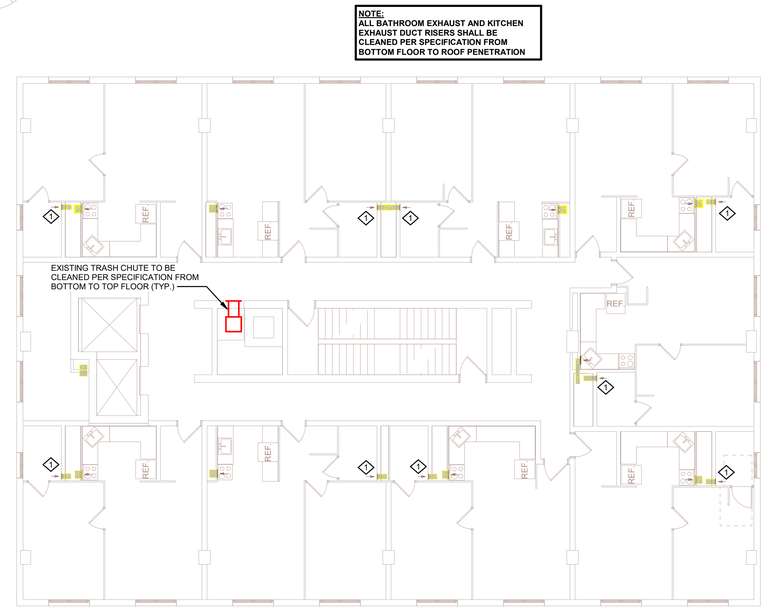
Consultant:



NORTH

1 BASEMENT HVAC

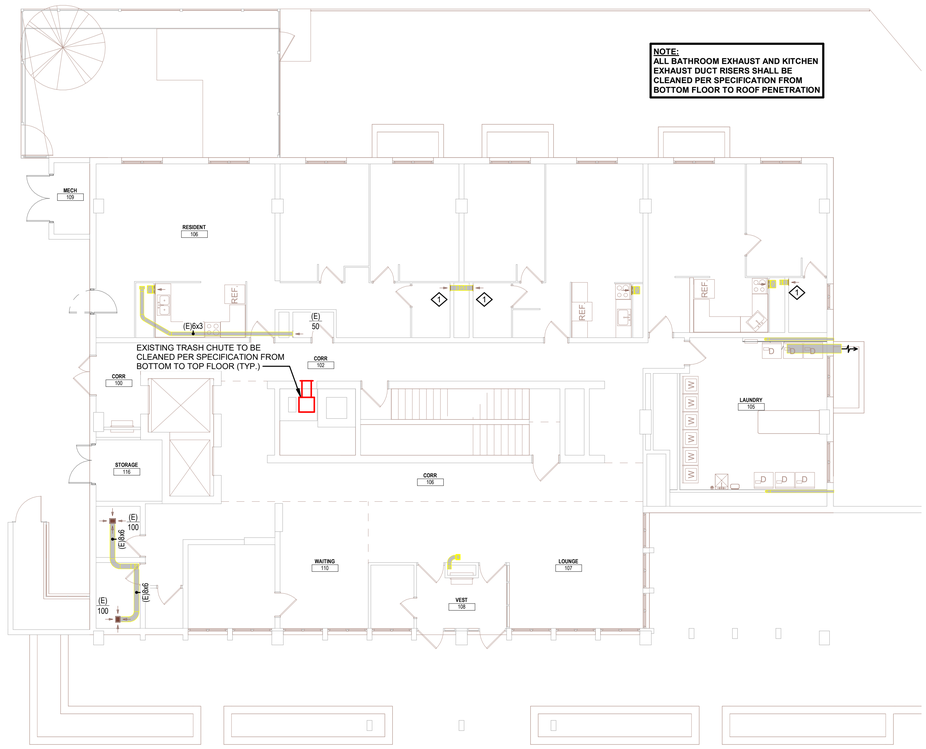
1/8" = 1'-0"



NORTH

3 2ND THROUGH 8TH FLOOR HVAC

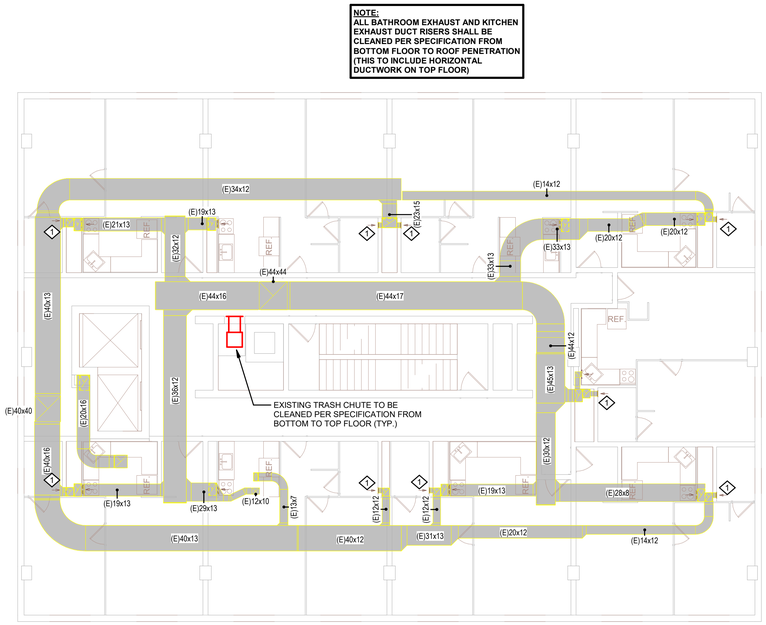
1/8" = 1'-0"



NORTH

2 1ST FLOOR HVAC

1/8" = 1'-0"



NORTH

4 9TH FLOOR HVAC

1/8" = 1'-0"

Last Update: 9/24/2026 8:31:31 AM

STOFFEL COURT

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, W1 54602

Sheet Title: FLOOR PLANS

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: JB/AB

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

MEP410

ROOF EXHAUSTER SCHEDULE

	UNIT NO.	MANUFACTURER	MODEL NO.	SERVES	EXHAUST FAN									EXHAUST AIR CONNECTOR		ROOF/WALL OPENING		UNIT WEIGHT	SONES	ELECTRICAL				REFERENCE		REMARKS:
					AIRFLOW	TYPE	EXT. STATIC PRESS.	FAN BRAKE POWER	FAN RPM	MAX FAN RPM	DRIVE TYPE	MOTOR QTY	MOTOR POWER	DUCT WIDTH	DUCT HEIGHT	LENGTH	WIDTH			MCA	MOP	VOLTAGE	PHASE	DETAIL NO.	CONTROL	
	RX-1	GREENHECK	GB-300-50	BATHROOM EXHAUST	8150 CFM	DOWNBLAST	1.50 in-wg	3.72 hp	815	891	BELT	1	5.00 hp	34"	34"	36 1/2"	36 1/2"	271 lbf	18.2	21 A	40 A	208 V	3		TIMECLOCK	1,2,3,4,5,6,7,8,9
Grand total: 1																										

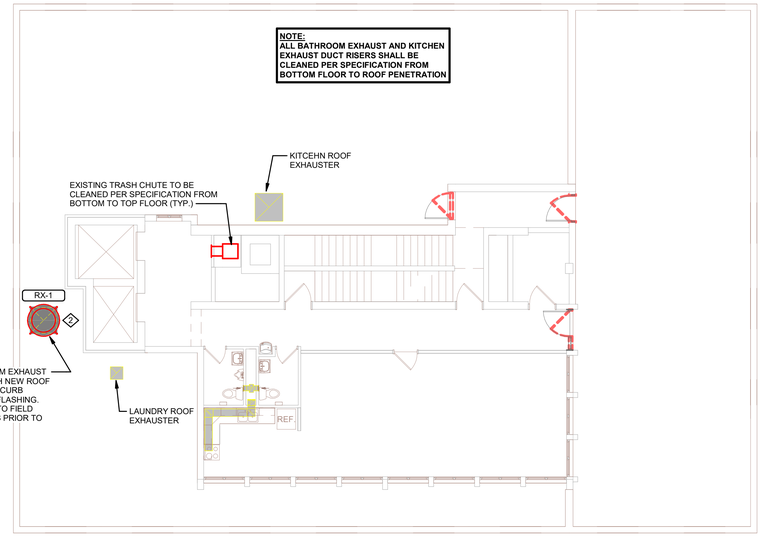
1. PROVIDE INSULATED 24" ATI SOUND ATTENUATING ROOF CURB.
2. PROVIDE CURB SEALS & BIRDSCREEN.
3. PROVIDE FACTORY ELECTRICAL DISCONNECT WITHIN UNIT HOUSING.
4. PROVIDE FACTORY MOUNTED DIAL SPEED CONTROLLER.
5. PROVIDE FACTORY VFD, RATED MOTOR W/ SHAFT GROUNDING.
6. PROVIDE ROOF CURB ADAPTER FOR EXISTING ROOF CURB (FIELD VERIFY SIZES).
7. PROVIDE GRAVITY BACKDRAFT DAMPER.
8. PROVIDE NEW TIMECLOCK WITH FAN FOR ON/OFF BUILDING CONTROL. LOCATE WITHIN PENTHOUSE.
9. PROVIDE FULL FAN EXHAUST SYSTEM AIR BALANCING.

VARIABLE FREQUENCY DRIVE SCHEDULE

	UNIT NO.	EQUIPMENT SERVED	MANUFACTURER	INPUT DISCONNECT	INTEGRAL BYPASS	MOTOR BHP	MOTOR HP	ELECTRICAL		REMARKS: PROVIDE BY MECHANICAL & INSTALLED BY ELECTRICAL
								VOLTAGE	PHASE	
	VFD-RX-1	RX-1	ABB, Inc.	YES	NO	3.72 hp	5.00 hp	208 V	3	

KEYNOTES - REMODEL

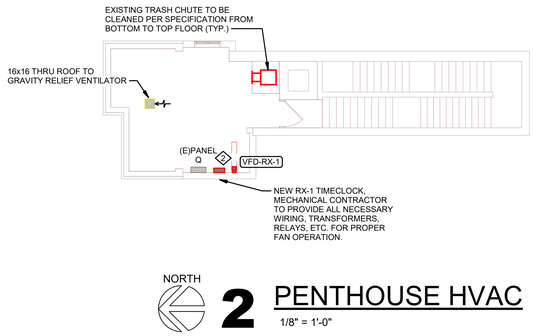
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NORTH

1 10TH FLOOR HVAC

1/8" = 1'-0"



NORTH

2 PENTHOUSE HVAC

1/8" = 1'-0"

GRILLE & DUCT SCHEDULE

	ROOM NO.	TYPE GRILLE: SUPPLY AIR	RETURN AIR	EXPD. METAL	CFM	NO. OF GRILLES	SIZE GRILLE	VOLUME CONTROL	GREASE FILTER	CONNECTING DUCT	10'-0" LENGTH DUCT LINER	SAME AIR SHAFT	GRILLE CENTER LINE ABV. F.F. OR ROOF	REMARKS
BASEMENT FLOOR	5			•		1	42"x12"	•		42"x12"			11'-3"	COMBUSTION AIR
FIRST FLOOR	APART. BATHS		•		100 EA.	4	8"x6"	•		8"x6"	RISER		6'-9"	
	APART. KITCHENS		•		150 EA.	4	12"x8"	•	12"x8"	12"x8"	RISER		6'-7"	
	106		•		50	1	6"x4"	•		6"x3"			6'-9"	
	131		•		100	1	8"x6"	•		8"x4"	RISER			IN CEILING
	132		•		100	1	8"x6"	•		8"x4"	BRANCH & RISER			IN CEILING
	135	•			400	1	24"x8"	•				•	7'-0"	
	139	•			400	1	24"x8"	•				•	7'-0"	
2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 8TH & 9TH FLOORS	APART. BATHS APART. KITCHENS		•		100 EA.	27	8"x6"	•		8"x6"	RISER		6'-9"	
			•		150 EA.	27	12"x8"	•	12"x8"	12"x8"	RISER		6'-7"	
	046		•		500 EA	3	12"x16"	•		12"x16"			7'-0"	
	049	•			1100 EA	2	30"x18"	•				•	7'-0"	
	APART. BATHS APART. KITCHENS		•		100 EA.	45	8"x6"	•		8"x6"	RISER		6'-9"	
			•		150 EA.	45	12"x8"	•	12"x8"	12"x8"	RISER		6'-7"	
	049	•			900 EA.	2	30"x16"	•				•	7'-0"	
	046		•		250 EA	NONE	FUTURE 5'-12"x10"	•		12"x10"			7'-0"	CAP DUCTS AT WALL
	1005	•			900	1	30"x20"	•				•	7'-0"	
	1006		•		600	1	20"x16"	(10"x16")	20"x16"	20"x16" TO 10"x10"	DROP RISER, DROP RISER	→		IN TAKE OF SOFFIT VOL. CONT. IN DUCT.
	1007		•		150	1	12"x6"	•		13"x4"			6'-9"	½" DUCT LINER.
	1008		•		150	1	12"x6"	•		12"x3"			6'-9"	
ELEVATOR PENTHOUSE FLOOR	1101		•		RELIEF	1	16"x16"	•		16"x16"				IN CEILING

SCHEDULE OF DUCT RISERS & SOUND CONTROL

DUCT RISER SIZE ABOVE GRILLE ON:	TYPICAL BATH ROOM STACK: DUCT SIZE INCLUDING ACOUS. LINER	TYPICAL BATH ROOM STACK: INSIDE DIA. DUCT SIZE FREE AREA	TYPICAL BATH ROOM STACK: CFM	TYPICAL KITCHEN STACK: DUCT SIZE INCLUDING ACOUS. LINER	TYPICAL KITCHEN STACK: INSIDE DIA. DUCT SIZE FREE AREA	TYPICAL KITCHEN STACK: CFM	TYPICAL STACK BACK TO BACK BATHS: DUCT SIZE INCLUDING ACOUS. LINER	TYPICAL STACK BACK TO BACK BATHS: INSIDE DIA. DUCT SIZE FREE AREA	TYPICAL STACK BACK TO BACK BATHS: CFM	KITCHEN STACK APARTMENTS 1005: DUCT SIZE INCLUDING ACOUS. LINER	KITCHEN STACK APARTMENTS 1005: INSIDE DIA. DUCT SIZE FREE AREA	KITCHEN STACK APARTMENTS 1005: CFM	LAUNDRY STACK: INSIDE DIA. DUCT W/ LINER	LAUNDRY STACK: CFM
1ST FLOOR	9"x5"	8"x4"	100	13"x5"	12"x4"	150	9"x8"	8"x7"	200	13"x5"	12"x4"	150		
2ND FLOOR	9"x7"	8"x6"	200	13"x7"	12"x6"	300	9"x14"	8"x13"	400	13"x7"	12"x6"	300	12"x8"	500
3RD FLOOR	9"x10"	8"x9"	300	13"x10"	12"x9"	450	9"x19"	8"x18"	600	13"x10"	12"x9"	450	12"x10"	
4TH FLOOR	9"x12"	8"x11"	400	14"x11"	13"x10"	600	10"x23"	9"x21"	800	14"x11"	13"x10"	600	12"x12"	
5TH FLOOR	10"x12"	9"x11"	500	16"x11"	15"x10"	750	11"x23"	10"x22"	1000	16"x11"	15"x10"	750	12"x16"	1000
6TH FLOOR	11"x12"	10"x11"	600	16"x12"	15"x11"	900	13"x23"	12"x22"	1200	16"x12"	15"x11"	900	12"x20"	
7TH FLOOR	13"x12"	12"x11"	700	18"x12"	17"x11"	1050	14"x23"	13"x22"	1400	18"x12"	17"x11"	1050	12"x24"	
8TH FLOOR	14"x12"	13"x11"	800	20"x12"	19"x11"	1200	15"x23"	14"x22"	1600	20"x12"	18"x11"	1200	14"x24"	1500
9TH FLOOR	NO LINER	14"x12"	900	NO LINER	20"x12"	1350	NO LINER	15"x23"	1800	NO LINER	20"x12"	1350	16"x24"	(2000)
10TH FLOOR														
SEE DETAIL		⊙			⊙			⊙						
REMARKS	2 - THUS 3 - 8 FLOORS HIGH			3 - THUS 5 - 8 FLOORS HIGH			ONE THUS			ONE THUS - 4"x12" BRANCH OFFSETS, EA FLR.			1 REQUIRED	

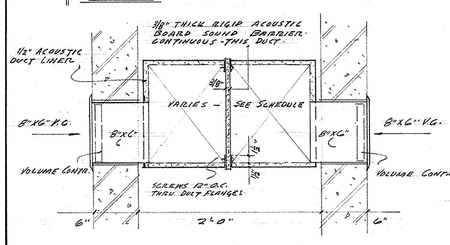
VARIATIONS

RMS. 106 (UTILITY) - 50 CFM, CONNECT TO BATH STACK. MAINTAIN SIZE OF TYPICAL STACK.

RMS. 131 & 132 (TOILETS) - 200 CFM., CONNECT TO BATH STACK. START ABOVE (REFER TO TYPICAL BATH) 1ST FLOOR WITH 8"x6" DUCT (NO LINER). SIZE AS PER TYPICAL STACK FOR CFM (SCHEDULED TO 15"x12" ON 8TH FLOOR. AT 9TH FLOOR USE 15"x12" (NO LINER), FOR 1000 CFM).

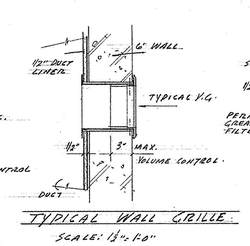
10TH FLOOR - DROP TOILET & KITCHEN DUCTS - CONNECT TO HORIZ. DUCTWORK IN 9TH FLOOR SUSPENDED CEILING.

"NOTE: ALL DUCT SIZES INCLUDE LINER THICKNESS."



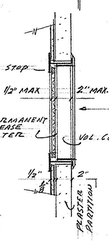
SECTION: PLAN - BACK TO BACK BATH STACK.

SCALE: 1½" = 1'-0"



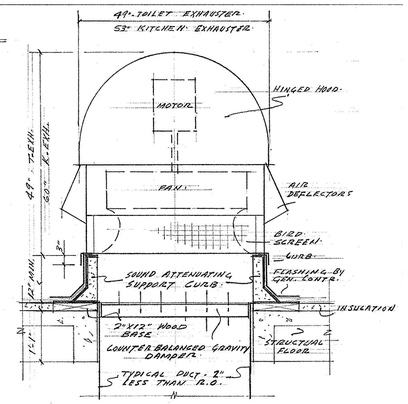
TYPICAL WALL GRILLE.

SCALE: 1½" = 1'-0"



TYPICAL KITCHEN GRILLE - 2" WALL

SCALE: 1½" = 1'-0"

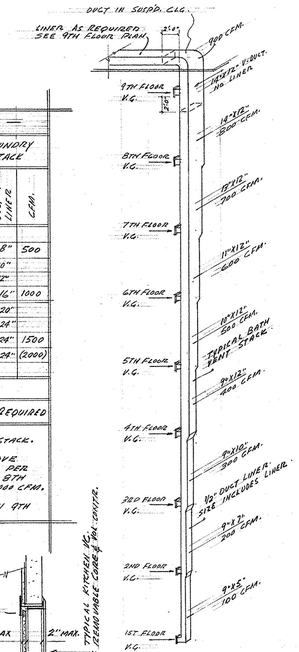


DETAIL OF ROOF EXHAUSTER CURB:

SCALE: 3/4"=1'-0"

NOTE: DETAIL ABOVE IS APPLICABLE TO THE (3) ELECTRIC ROOF EXHAUSTERS. USE WOOD CURB FOR GRAVITY VENTILATOR OVER ROOM # 1101.

ALL CURBS BY HEATING CONTR.



TYPICAL BATH VENT STACK.

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

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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Consultant:

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

STOFFEL COURT

Sheet Title: FLOOR PLANS, DETAILS, AND SCHEDULES

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: JB/AB

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

MEP411

Last Update: 9/24/2026 8:31:32 AM

PLAN GENERAL NOTES:

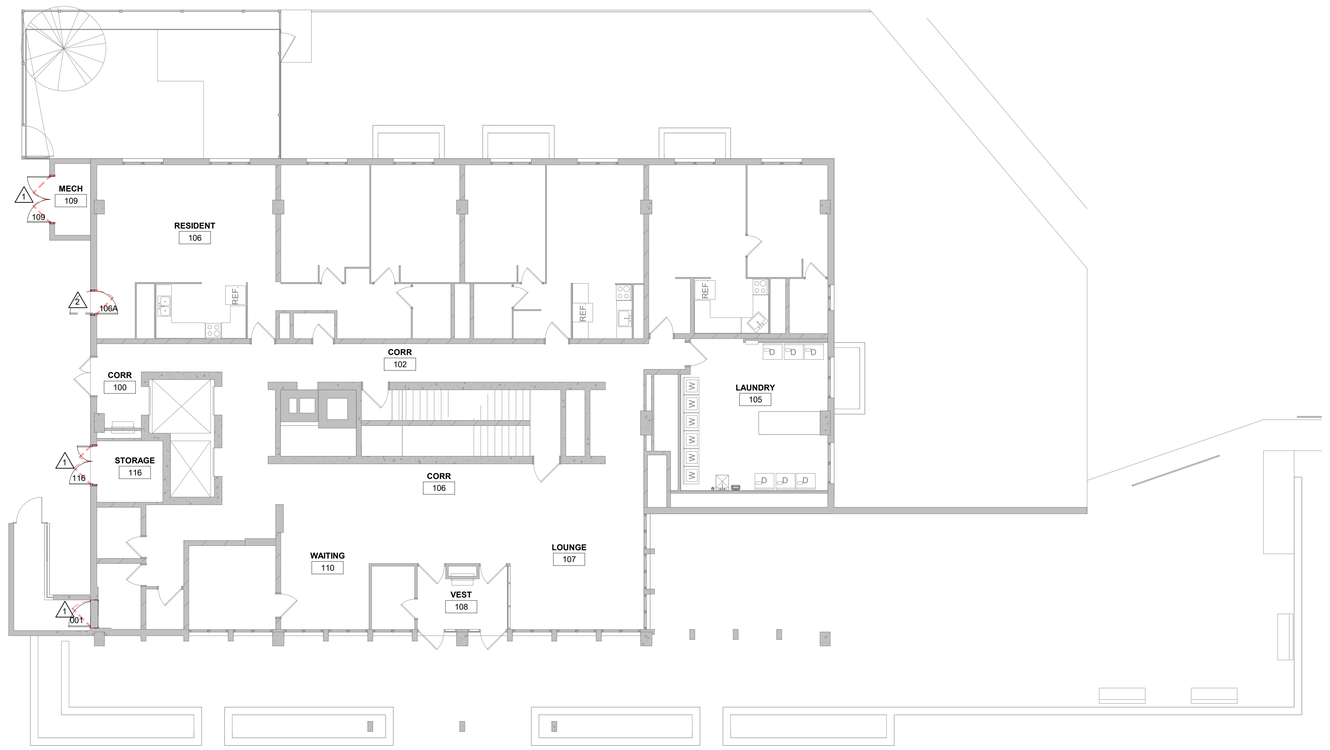
A. VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION

PLAN LEGEND:

- (A) SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
- (A) SYMBOL INDICATES WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
- SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- 1 HOUR WALL
- 2 HOUR WALL

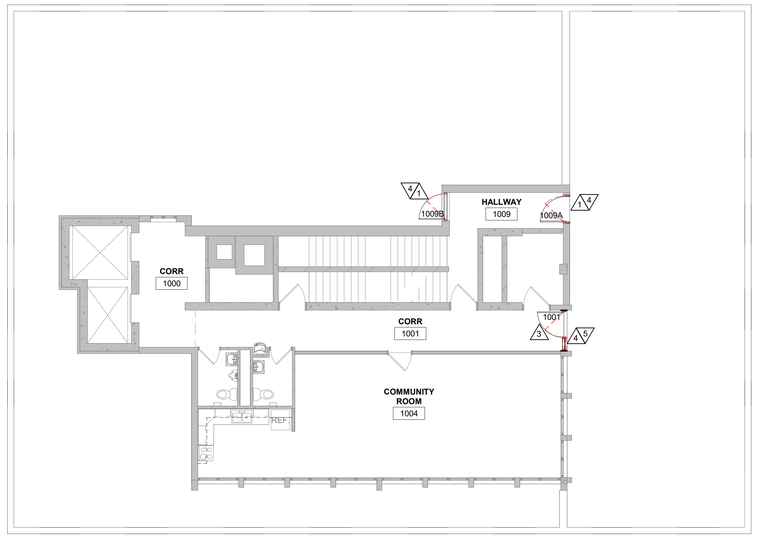
PLAN KEY NOTES

1	REMOVE HM DOOR AND FRAME. SEE SCHEDULE FOR NEW DOOR AND FRAME.
2	REMOVE DOOR AND FRAME, STORM DOOR AND TRIM. SEE SCHEDULE FOR NEW DOORS AND FRAME.
3	REMOVE HM DOOR, FRAME, GLAZING. SEE SCHEDULE FOR NEW DOOR AND FRAME.
4	REMOVE FLASHING AND ROOF MEMBRANE AT DOOR FRAME. PATCH/ REPLACE AFTER INSTALLATION OF NEW DOOR.
5	REMOVE ELECTRIC STRIKE AND CARD READER. SALVAGE FOR REINSTALLATION.



1 FLOOR PLAN

1/8" = 1'-0"



2 10TH FLOOR PLAN

1/8" = 1'-0"

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hrsassociates.com

Consultant:

Project Title: **HOUSING AUTHORITY OF THE CITY OF LA CROSSE**
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: **1307 BADGER STREET**
LA CROSSE, WI 54601

Sheet Title: **FLOOR PLANS**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **MPL**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

A410

STOFFEL COURT

Last Update: **9/23/2026 12:17:11 PM**

DOOR SCHEDULE

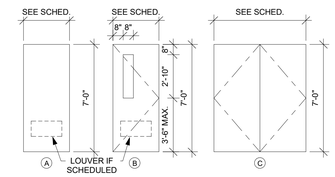
MARK	DOOR SIZE W	DOOR SIZE H	DOOR SIZE T	DOOR TYPE	DOOR MATERIAL	DOOR GLASS TYPE	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	FRAME GLASS TYPE	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HDWR GROUP	REMARKS
001	3' - 4"	6' - 8"	1 3/4"	DOOR A	FBGLS		FRAME AA	5"	ALUM		5A460	5A460		1	
106A	3' - 0"	7' - 2"	1 3/4"	DOOR B	FBGLS	GLT-12	FRAME AA	5 3/4"	ALUM		4A460	7A460		3	1
109	6' - 0"	7' - 0"	1 3/4"	DOOR C	FBGLS		FRAME AA	5 3/4"	ALUM		4A460	7A460		2	2,4
116	5' - 0"	7' - 0"	1 3/4"	DOOR C	FBGLS		FRAME AA	5 3/4"	ALUM		4A460	7A460		2	3
1001	3' - 4"	7' - 0"	1 1/2"	DOOR A	ALUM		FRAME HH	4 1/2"	ALUM	GLT-12	1A460	1A460	2,3A460	6	5
1009A	3' - 4"	6' - 6"	1 3/4"	DOOR A	FBGLS		FRAME AA	5"	ALUM		4A460	7A460	2A460 SIM	5	
1009B	3' - 4"	6' - 8"	1 1/2"	DOOR A	FBGLS		FRAME GG	5 3/4"	ALUM		4A460	7A460	6A460	4	

DOOR SCHEDULE GENERAL NOTES

ALUM = ALUMINUM FBGLS = FIBERGLASS

A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS

DOOR TYPES



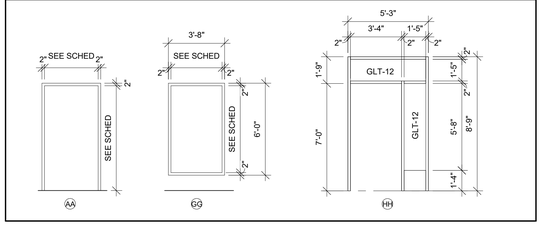
DOOR SCHEDULE REMARKS

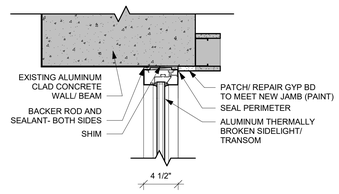
1. FBGLS DOOR WITH STORM DOOR.
2. PAIR OF EQUAL LEAF DOORS.
3. PAIR OF UNEQUAL LEAF DOORS.
4. LOUVER TO MATCH SIZE OF EXISTING.
5. REUSE ELECTRIC STRIKE AND CARD READER.

DOOR FRAME GENERAL NOTES

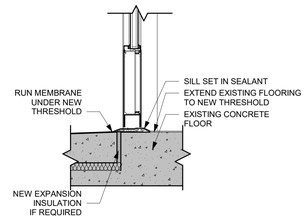
ALUM = ALUMINUM

DOOR FRAME TYPES

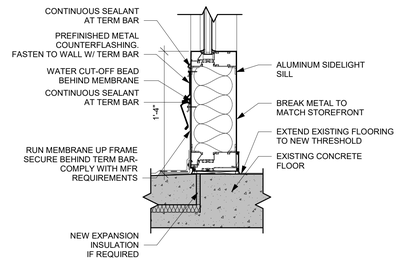




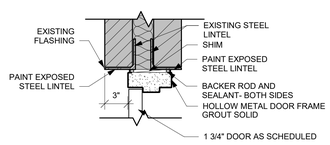
1 DOOR JAMB/ HEAD DETAIL
1 1/2" = 1'-0"



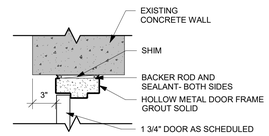
2 DOOR SILL DETAIL
1 1/2" = 1'-0"



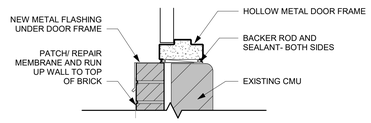
3 DOOR SILL DETAIL
1 1/2" = 1'-0"



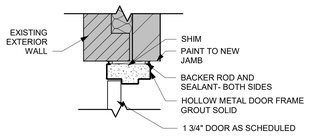
4 DOOR HEAD DETAIL
1 1/2" = 1'-0"



5 DOOR JAMB/ HEAD DETAIL
1 1/2" = 1'-0"



6 DOOR SILL DETAIL
1 1/2" = 1'-0"



7 DOOR JAMB DETAIL
1 1/2" = 1'-0"

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PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54601

Sheet Title: DOOR SCHEDULE

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: MPL

Key Plan:

BID SET

Revisions:

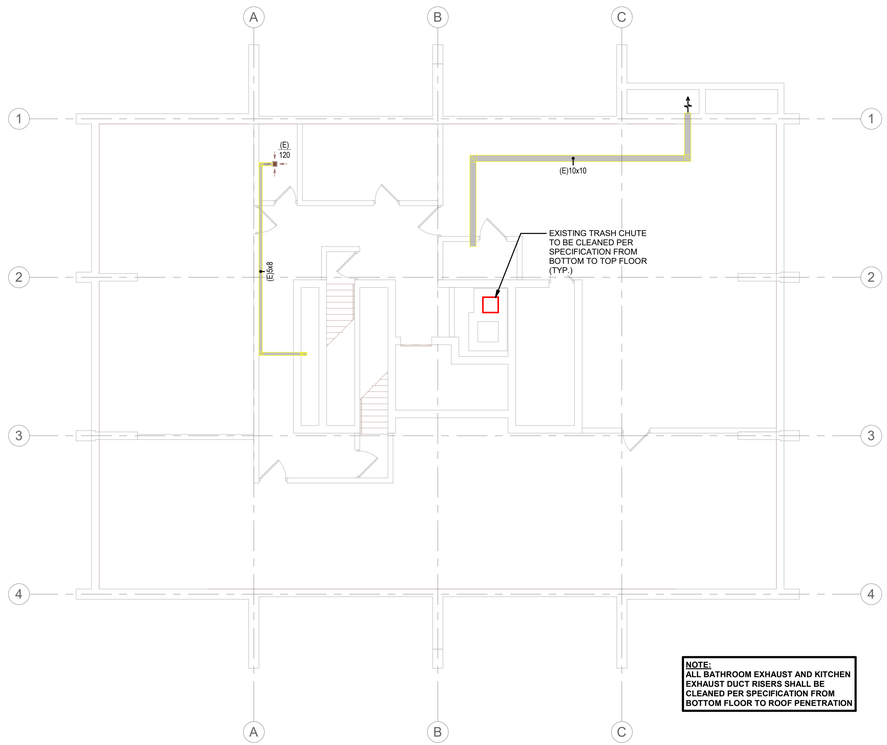
No.	Description	Date

Graphic Scale: VARIES

A460

STOFFEL COURT

Last Update: 9/23/2026 12:17:12 PM

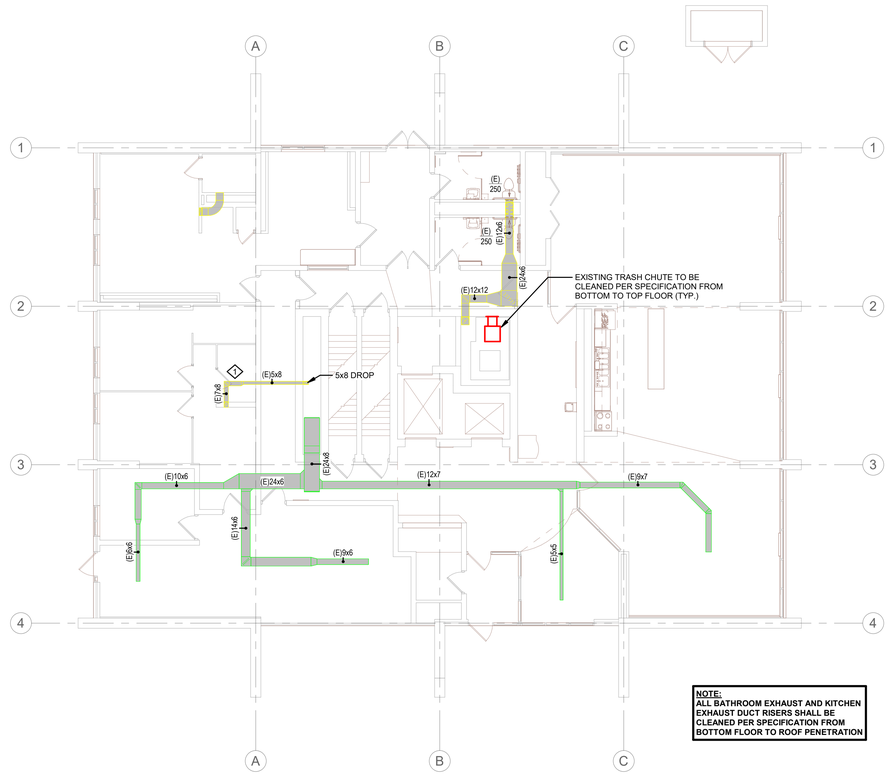


NOTE:
ALL BATHROOM EXHAUST AND KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION

NORTH

1 BASEMENT HVAC

1/8" = 1'-0"

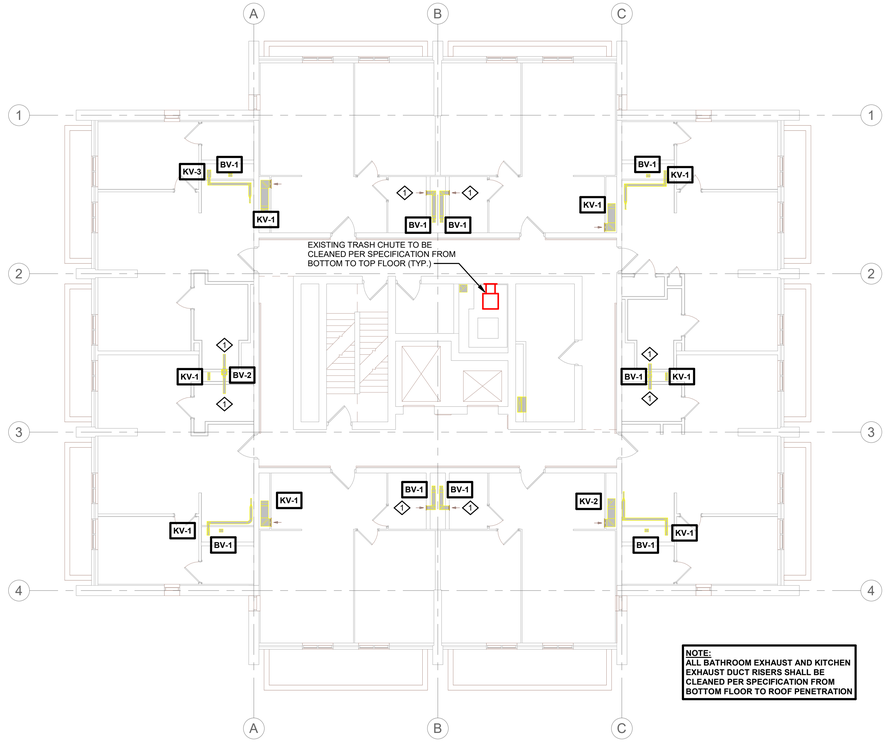


NOTE:
ALL BATHROOM EXHAUST AND KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION

NORTH

2 1ST FLOOR HVAC

1/8" = 1'-0"

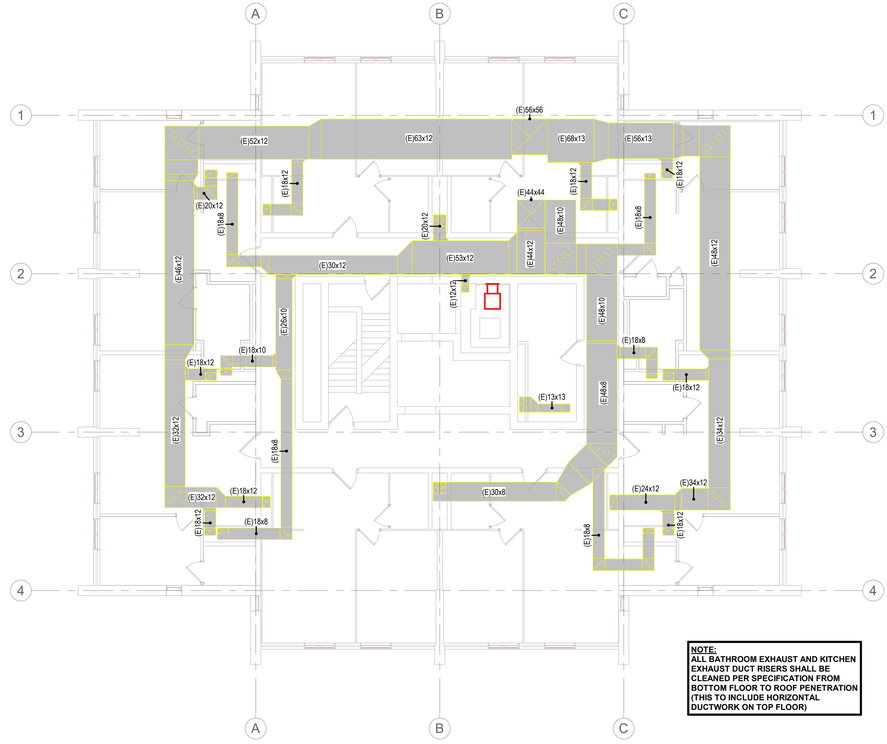


NOTE:
ALL BATHROOM EXHAUST AND KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION

NORTH

3 2ND THROUGH 10TH FLOOR HVAC

1/8" = 1'-0"



NOTE:
ALL BATHROOM EXHAUST AND KITCHEN EXHAUST DUCT RISERS SHALL BE CLEANED PER SPECIFICATION FROM BOTTOM FLOOR TO ROOF PENETRATION (THIS TO INCLUDE HORIZONTAL DUCTWORK ON TOP FLOOR)

NORTH

4 10TH FLOOR ABOVE SUSPENDED CEILING HVAC

1/8" = 1'-0"

KEYNOTES - REMODEL

Keynote Number	Keynote Description
#	COORDINATE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH CEILING GRID, SPRINKLER HEADS, RECESSED LIGHTING AND ALL OTHER CEILING MOUNTED EQUIPMENT.
1	EXISTING UNIT EXHAUST FAN TO BE REMOVED ALONG WITH ANY VOLUME DAMPERS WITHIN DUCTWORK. PROVIDE NEW BLADE STYLE EXHAUST GRILLE (WHITE, ALUMINUM) TO COVER EXISTING OPENING (MECHANICAL CONTRACTOR TO FIELD VERIFY EXISTING SIZES PRIOR TO ORDER). PROVIDE NEW AUTOMATIC BALANCING DAMPER (GREENHECK ABD-T) IN BRANCH EXHAUST DUCTWORK, SET TO 70 CFM. PATCH WALL AROUND EXHAUST GRILLE AND PAINT TO MATCH EXISTING. ELECTRICAL CONTRACTOR TO DISCONNECT UNIT AND REMOVE EXISTING ELECTRICAL CIRCUIT BACK TO SOURCE. TYPICAL THOUGHTOUT PROJECT.
2	ELECTRICAL CONTRATOR TO RE-CONNECT CIRCUIT TO NEW UNIT. COORDINATE WITH MECHANICAL CONTRACTOR. VAV FEEDER VARIFY (3) #14 CONDUCTORS (1) #14 NEUTRAL (1) #14 GROUND 3/4" EMT CONDUIT. RX-1 FEEDER VARIFY (3) #8 CONDUCTORS (1) #8 NEUTRAL (1) #10 GROUND 3/4" EMT CONDUIT.

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HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Title:

Project Location: **1307 BADGER STREET**
LA CROSSE, WI 54602

Sheet Title: **FLOOR PLANS**

HSR Project Number: **26039**

Project Date: **SEPT 24, 2026**

Drawn By: **JB/AB**

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

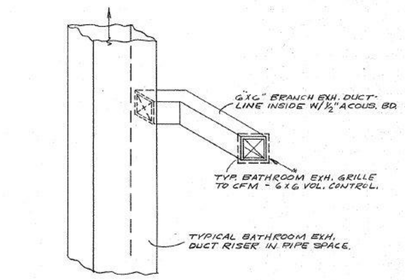
STOKKE TOWER

MEP510

Last Update: **9/24/2026 8:34:40 AM**

KEYNOTES - REMODEL

Keynote Number	Keynote Description
#	COORDINATE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH CEILING GRID, SPRINKLER HEADS, RECESSED LIGHTING AND ALL OTHER CEILING MOUNTED EQUIPMENT.
1	EXISTING UNIT EXHAUST FAN TO BE REMOVED ALONG WITH ANY VOLUME DAMPERS WITHIN DUCTWORK. PROVIDE NEW BLADE STYLE EXHAUST GRILLE (WHITE, ALUMINUM) TO COVER EXISTING OPENING (MECHANICAL CONTRACTOR TO FIELD VERIFY EXISTING SIZES PRIOR TO ORDER). PROVIDE NEW AUTOMATIC BALANCING DAMPER (GREENHECK ABD-T) IN BRANCH EXHAUST DUCTWORK, SET TO 70 CFM. PATCH WALL AROUND EXHAUST GRILLE AND PAINT TO MATCH EXISTING. ELECTRICAL CONTRACTOR TO DISCONNECT UNIT AND REMOVE EXISTING ELECTRICAL CIRCUIT BACK TO SOURCE. TYPICAL THOUGHTOUT PROJECT.
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(APARTMENT)

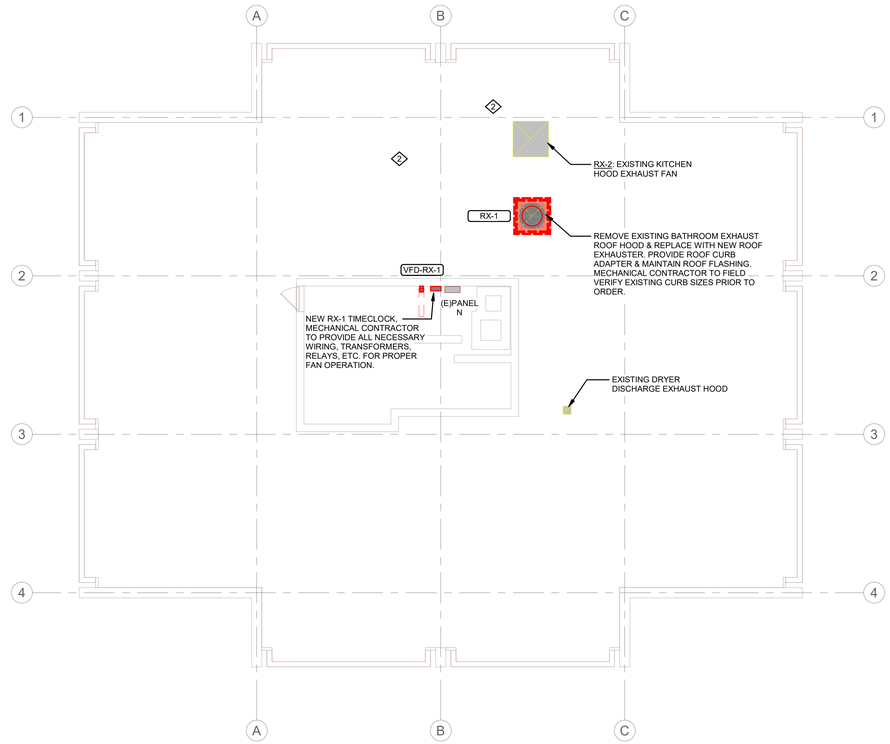
TYP. BATHROOM DUCT

SCALE 3/4" = 1'-0"

SCHEDULE OF EXHAUST DUCT RISERS

DUCT RISER SIZE ABOVE GRILLE ON -	BV-1		BV-2		KV-1		KV-2		KV-3	
	INSIDE DIA. DUCT SIZE FREE AREA	CFM	INSIDE DIA. DUCT SIZE FREE AREA	CFM	INSIDE DIA. DUCT SIZE FREE AREA	CFM	INSIDE DIA. DUCT SIZE	CFM	INSIDE DIA. DUCT SIZE	CFM
BSMT.			8X5	120						
1 ST. FLOOR			8X7	190			12X10	520	12X14	120
2 ND. FLOOR	5X6	70	8X9	260	12X4	120	12X12	640	12X6	240
3 RD. FLOOR	8X6	140	8X11	330	12X6	240	12X14	760	12X8	360
4 TH. FLOOR	8X8	210	8X13	400	12X8	360	12X15	880	12X10	480
5 TH. FLOOR	8X10	280	8X15	470	12X10	480	12X17	1000	12X12	600
6 TH. FLOOR	8X12	350	8X16	540	12X12	600	12X18	1120	12X13	720
7 TH. FLOOR	8X13	420	8X18	610	12X13	720	12X20	1240	12X15	840
8 TH. FLOOR	8X15	490	9X18	680	12X15	840	12X22	1360	12X17	960
9 TH. FLOOR	8X17	560	9X18	750	12X17	960	12X23	1480	12X18	1080
10 TH. FLOOR	8X18	630	10X18	820	12X18	1080	12X24	1600	12X20	1200
SEE DETAIL	•		•							
QUANTITY	6 RISERS		1 RISER		6 RISERS		1 RISER		1 RISER	
REMARKS										

NOTE:
TV-1 IS EXHAUST RISER FROM 1 ST. FLR. PUBLIC TOILET ROOMS.



NORTH

1 PENTHOUSE HVAC

1/8" = 1'-0"

ROOF EXHAUSTER SCHEDULE

UNIT NO.	MANUFACTURER	MODEL NO.	SERVES	EXHAUST FAN									EXHAUST AIR CONNECTOR		ROOF/WALL OPENING		UNIT WEIGHT	SONES	ELECTRICAL				REFERENCE		REMARKS:
				AIRFLOW	TYPE	EXT. STATIC PRESS.	FAN BRAKE POWER	FAN RPM	MAX FAN RPM	DRIVE TYPE	MOTOR QTY	MOTOR POWER	DUCT WIDTH	DUCT HEIGHT	LENGTH	WIDTH			MCA	MOP	VOLTAGE	PHASE	DETAIL NO.	CONTROL	
RX-1	GREENHECK	GB-300-50	BATHROOM EXHAUST	5800 CFM	DOWNBLAST	1.50 in-wg	2.71 hp	763	891	BELT	1	5.00 hp	34"	34"	36 1/2"	36 1/2"	266 lbf	13.8	21 A	40 A	208 V	3		TIMECLOCK	1. PROVIDE INSULATED 24" ATI SOUND ATTENUATING ROOF CURB. 2. PROVIDE CURB SEALS & BIRDSCREEN. 3. PROVIDE FACTORY ELECTRICAL DISCONNECT WITHIN UNIT HOUSING. 4. PROVIDE FACTORY MOUNTED DIAL SPEED CONTROLLER. 5. PROVIDE FACTORY VFD RATED MOTOR W/ SHAFT GROUNDING. 6. PROVIDE ROOF CURB ADAPTER FOR EXISTING ROOF CURB (FIELD VERIFY SIZES). 7. PROVIDE GRAVITY BACKDRAFT DAMPER. 8. PROVIDE NEW TIMECLOCK WITH FAN FOR ON/OFF BUILDING CONTROL, LOCATE WITHIN PENTHOUSE. 9. PROVIDE FULL FAN EXHAUST SYSTEM AIR BALANCING.
Grand total: 1																									

VARIABLE FREQUENCY DRIVE SCHEDULE

UNIT NO.	EQUIPMENT SERVED	MANUFACTURER	INPUT DISCONNECT	INTEGRAL BYPASS	MOTOR BHP	MOTOR HP	ELECTRICAL		REMARKS: PROVIDE BY MECHANICAL & INSTALLED BY ELECTRICAL
							VOLTAGE	PHASE	
VFD-RX-1	RX-1	ABB, Inc.	YES	NO	2.71 hp	5.00 hp	208 V	3	

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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100 MILWAUKEE STREET
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Consultant:

Project Title: HOUSING AUTHORITY OF THE CITY OF LA CROSSE
2026 CAPITAL IMPROVEMENTS PROJECTS

Project Location: 1307 BADGER STREET
LA CROSSE, WI 54602

Sheet Title: FLOOR PLANS, DETAILS, AND SCHEDULES

HSR Project Number: 26039

Project Date: SEPT 24, 2026

Drawn By: JB/AB

Key Plan:

BID SET

Revisions:

No.	Description	Date

Graphic Scale: 0' 2' 4' 8' 12'

STOKKE TOWER

MEP511

Last Update: 9/24/2026 8:34:40 AM