

Project:
La Crosse Veterinary Clinic
Highway WI-16
La Crosse, WI 54602
























































Client:

La Crosse Veterinary Clinic
Highway WI-16
La Crosse, WI 54602

Project Engineer:



These Documents Issued for DSPS Plan Review
Documents Dated June 30, 2025
Engineer Project No. 2509

GENERAL PIPING	
	DIRECTION OF FLOW PIPE DESIGNATION
	PIPE PITCH/RISE(R) DROP(D)
	PIPE CONNECTION
	PIPE TURNED UP
	PIPE TURNED DOWN
	OFF TOP OF PIPE
	OFF BOTTOM OF PIPE
	REDUCER (ECCENTRIC)
	PRESSURE GAUGE
	CONNECT TO EXISTING
	REDUCER (CONC.)
	CAP
	BLIND FLANGE
	FLANGE
	COUPLING
	BUSHING
	UNION
	STRAINER
	INLINE PUMP
	THERMOMETER
PLUMBING	
	CITY WATER ON SITE PLAN
	COLD WATER
	HARD COLD WATER
	HOT WATER RETURN
	SOFT COLD WATER
	SOFT HOT WATER
	TEMPERED WATER
	TEMPERED WATER RETURN
	180 DEG. WATER
	ACID WASTE
	ACID VENT
	CLEANOUT FLOOR(FCC) WALL(WCO)
	FLOOR DRAIN
	HUB DRAIN
	WATER HAMMER SUPPRESS.
	WALL HYDRANT FREEZE-PROOF (FWH)
	SANITARY BELOW GRADE
	SANITARY ABOVE GRADE
	STORM BELOW GRADE
	STORM ABOVE GRADE
	RAIN CONDUCTOR
	OVERFLOW DRAIN
	VENT
	DRAIN
	VENT THRU ROOF
	COMPRESSED AIR
	NATURAL GAS
	PIPE PITCH
	ROOF DRAIN
VALVES	
	BALL VALVE
	GATE VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	PLUG VALVE
	CHECK VALVE
	SQUARE HEAD VALVE
	GENERAL NON-DESIGNATED
	PRESSURE REDUCING VALVE
	SAFETY(S) RELIEF(R)
	HOSE BIBB DRAIN
	REDUCED PRESSURE ZONE BACKFLOW PREVENTER

<u>MECHANICAL DRAWING SHEET INDEX:</u>	
P000	COVER SHEET
	PLUMBING SYMBOLS
P001	PLUMBING CALCULATIONS
P002	SITE PLAN
P100	UNDER-FLOOR PLAN - DRAIN AND VENT
	FIRST FLOOR PLAN - DRAIN AND VENT
P200	UNDER-FLOOR PLAN - WATER DISTRIBUTION
	FIRST FLOOR PLAN - WATER DISTRIBUTION
P300	SECOND FLOOR PLAN - DRAIN AND VENT
	SECOND FLOOR PLAN - WATER DISTRIBUTION
P400	FIRST FLOOR PLAN - MEDICAL GAS DISTRIBUTION
P500	DRAIN & VENT ISOMETRIC
P501	WATER DISTRIBUTION ISOMETRIC
P600	PLUMBING EQUIPMENT SCHEDULES

[illegible]

Water Calc. Worksheet

La Crosse Veterinary Clinic

Name of Project

INFORMATION REQUIRED TO SIZE WATER SERVICE AND WATER DISTRIBUTION:

1- Demand of building in water supply fixture units (WSFU); (WSFU) 64

1.a. Demand of building in WSFU converted to Gallons Per Minute; (GPM) 33.2

2- Elevation difference from main or external pressure tank to building control valve; (feet) 40

3- Size of water meter (when required) 5/8" 3/4" 1" other x 1.5"

4- Developed length from main or external pressure tank to building control valve; (feet) 216

5- Low pressure at main in street or external pressure tank. (psi) 75

CALCULATE WATER SERVICE PRESSURE LOSS

(unnecessary for internal pressure tanks)

6- Low pressure at main in street or external pressure tank. (value of # 5 above) 75

7- Determine pressure loss due to friction in 2" inch diameter water service.
Water service piping material is HDPE
Pressure loss per 100 ft. = 0.65 X 2.16 (decimal equivalent of service length, i.e. 65 ft = 0.65)
Subtotal 73.6
Subtract value of "7" 1.4
Subtotal 73.6
Subtract value of "8" 17.36
Subtotal 56.24
8- Determine pressure loss or gain due to elevation, (multiply the value of # 2 above by .434)
Subtotal 56.24
9- Available pressure after the bldg. control valve. Subtotal 56.24
CALCULATE THE PRESSURE AVAILABLE FOR UNIFORM LOSS (VALUE OF "A")
B. Available pressure after the bldg. control valve. (from "9" above) Value of "B" 56.24
C. Pressure loss of water meter (when meter is required) Subtract value of "C" 2.1
Subtotal 54.14
D. Pressure at controlling fixture*. (Controlling fixture is: Standard Fixture). Subtract value of "D" 8
(*Controlling fixture is the fixture with the most demanding pressure to operate properly which includes the following when determining fixture performance: loss due to instantaneous water heaters, water treatment devices, and backflow preventers which serve the controlling fixture.) Subtotal 46.14
E. Difference in elevation between building control valve and the controlling fixture in feet: 13 X .434 psi/ft. Subtract value of "E" 5.64
Subtotal 40.5

SBD -6479 (R4/09) (page 1 of 2)

Water Calc Worksheet

La Crosse Veterinary Clinic

Name of Project

F. Pressure loss due to water treatment devices and backflow preventers which serve the controlling fixture. (Water softeners, filters, etc.)
(Pressure loss due to: Water softener).
F1. WSFU Downstream of Water Treatment Device;
F2. Convert wsfu to GPM using Table 82.40-3:
or
F3. Convert wsfu to GPM using Table 82.40-3e* (For individual dwellings only)
F4. Refer to manuf. graph to obtain pressure loss: (If no water treatment device enter "0")
Subtract value of F4 15
Subtotal 25.5

G. Pressure loss through tankless water heaters, combination boiler / hot water heaters, heat exchangers which serve the controlling fixture:
Hot water WSFU's; convert to; GPM = 60.8 (Table 82.40-3)
Refer to manufacturer's pressure loss graph to determine loss at the required GPM;
3 pressure loss. Subtract value of "G"
Subtotal 29.4

H. Developed length from building control valve to controlling fixture in feet 145 X 1.5 Divide by value "H" 218
Subtotal 0.135
Multiply by: 100
"A" = 13.5

A. Pressure available for uniform loss
Water distribution piping is: CPVC and Pex Tube

*Note: The "A" value obtained by using Table 82.40-3e can only be used for an individual dwelling when sizing the water treatment device (water softeners, etc) and no hose bibbs, hydrants, or high flow fixtures are being served by the water treatment device.
Note: High flow fixtures are defined as fixtures that exceed a flow rate of 4 gpm @ 80 psi, and water velocity not exceeding 8 ft. per second.
SBD -6479 (R4/09) (page 2 of 2)

PROJECT: La Crosse Veterinary Clinic WI Highway 16 La Crosse, WI 54601		Wisconsin Drainage Fixture Unit Calculations - NON GREASY WASTE									
NO. OF FIXTURES	FIXTURE DESCRIPTION	Drainage Fixture Unit Value	TOTAL DFU's	NO. OF FIXTURES	FIXTURE DESCRIPTION	Drainage Fixture Unit Value	TOTAL DFU's	NO. OF FIXTURES	FIXTURE DESCRIPTION	Drainage Fixture Unit Value	TOTAL DFU's
PUBLIC FIXTURES				PUBLIC FIXTURES				PUBLIC FIXTURES			
First Floor Level				First Floor Level				First Floor Level			
1	Automatic Clothes Washer, Individual	4	4		Refrigerated Food Display Case	1			Sterilizers		
	Automatic Clothes Washer, Large Capacity				Shower Stall				Bedpan	4	
	Automatic Self Service Laundry	3			Residential	2			Garbage can washer	3	
	Residential Washer	4			Public, Individual	2			Instrument or water	1	
	Autopsy Table				Public, Group (per head)	2			Urinal	2	
	Bathroom Group	6			Sinks				Water Closet, nonpublic	4	
	Water Closet				Bar, residential	1		4	Water Closet, public	6	24
	Laboratory				Breakroom, single compartment	1					
	Bathtub/Shower				Cup	0.5					
	Bathtub (All Types)	2			Factory, Wash, per set of faucets	1					
	Bedpan Washer	6			Fountain, wash up	1					
	Beer Tap	0.5			Food Waster, Grinder, 2hp or less	2					
	Bidet	2			Food Waster, Grinder, 3hp or less	3					
	Bottle Cooler	0.5			Laboratory	2	12				
	Campsite Receptor	6			Laboratory, school	2					
	Coffee Maker	0.5			Classroom	1					
	Cuspidor, Fountain or Dental	1			Peak of Plaster	3					
	Dipper Well	1		1	Residential w/ or w/o grinder	2	2				
	Dishwasher - Commercial Type				Restaurant, Scullery 4 compartments of less	3					
	Dishwasher - Residential Type	2.0			Food, Rinsing, cleaning or thawing	3					
	Drinking Fountain	0.5			Service Sink, 2 inch diameter, wall outlet	2					
	Exhaust Hood Washer	4			Service Sink, 3 inch diameter, wall outlet	3					
	Floor Drain				Service Sink, 2 inch diameter, floor outlet	2					
1	2 inch	2	2	2	Service Sink, 3 inch diameter, floor outlet	3	6				
8	3 inch	3	24		Shampoo Sink, barber or beauty parlor	2					
	4 inch	4		1	Surgeons, wash up	4	3				
	Larger than 4 inch				Wash Fountain, circular and semi-circular	2					
	Glass Filler	0.5			Receptors of Indirect Waste, Gravity Flow						
	Health Care Fixture				1-1/4 inch receptor outlet diameter	1					
	Clinic Sink	6			1-1/2 inch receptor outlet diameter	2					
	Exam/Treatment Sink	1			2 inch receptor outlet diamter	3					
	Sitz bath	2		2	3 inch receptor outlet diamter	4	8				
	Ice Chest	0.5		1	4 inch receptor outlet diamter	6	6				
1	Laundry Tray 1 or 2 compartment	2	2		Larger than 4 inch receptor	8					
6	Lavatory	1	6		Soda Dispenser	0.5					
	Lavatory combination per trap	1				1					
	Mobile Home	11									
Column Total			38	Column Total			37	Column Totals			24

GRAND TOTAL99

Sewer Size4Inch

PROJECT:		La Crosse Veterinary Clinic WI Highway 16 La Crosse, WI 54601						
Wisconsin Domestic Water Service Calculations								
NO. OF FIXTURES	FIXTURE DESCRIPTION	WATER SUPPLY FIXTURES UNITS (WSFU)						REMARKS
		HOT PER FIXTURE	TOTAL HOT	COLD PER FIXTURE	TOTAL COLD	COMMON PER FIXTURE	COMMON TOTAL	
PUBLIC FIXTURES								
1	Automatic Clothes Washer, Individual	2.0	2	2.0	2	3.0	3	
	Automatic Clothes Washer, Large Capacity							
	Bathtub, With or Without Shower Head	2.0		2.0		3.0		
	Coffeemaker			0.5		0.5		
	Dishwasher, Commercial							
	Drink Dispenser			0.5		0.5		
	Drinking Fountain			0.25		0.25		
	Glass Filler			0.5		0.5		
	Hose Bibb:							
	1/2" diameter			3.0		3.0		
4	3/4" diameter			4.0	16	4.0	16	
	Icemaker			0.5		0.5		
6	Laboratory	0.5	3	0.5	3	1.0	6	
	Shower, Per Head	2.0		2.0		3.0		
	Sinks:							
	Bar and Fountain (Breakroom)	1.5		1.5		2.0		
	Barber and Shampoo	1.5		1.5		2.0		
	Cup			0.5		0.5		
	Flushing Rim			7.0		7		
1	Kitchen and Food Preparation per Faucet	2.0	2	2.0	2	3.0	3	
6	Laboratory	1.0	6	1.0	6	1.5	9	
	Classroom	1.0		1.0		1.5		
3	Service	2.0	6	2.0	6	3.0	9	
1	Surgeon Washup							
	Urinal:							
	Syphon Jet			4.0		4.0		
	Washdown			2.0		2.0		
	Wall Hydrant, Hot and Cold Mix:							
3	1/2" diameter	2.0	6	2.0	6	3.0	9	
	3/4" diameter	3.0		3.0		4.0		
	Wash Fountain:							
	Semicircular	1.5		1.5		2.0		
	Circular							
	Water Closet:							
	Flushometer			7.0		7.0		
4	Gravity Type Flush Tank			3.0	12	3.0	12	
PUBLIC TOTALS			25		53		67	
NON PUBLIC FIXTURES								
	Automatic Clothes Washer	1.0		1.0		1.5		
	Bar Sink	0.5		0.5		1.0		
	Bathtub, with or without Shower Head	1.5		1.5		2.0		
	Bidet	1.0		1.0		1.5		
	Dishwashing Machine	1.0						
	Glass Filler			0.5		0.5		
	Hose Bibb:							
	1/2" diameter			3.0		3.0		
	3/4" diameter			4.0		4.0		
	Kitchen Sink	1.0		1.0		1.5		
	Laundry Tray, 1 or 2 Compartment	1.0		1.0		1.5		
	Laboratory	0.5		0.5		1.0		
	Shower, Per Head	1.0		1.0		1.5		
	Water Closet Flushometer Type			6.0		6.0		
	Water Closet, Gravity Type Flush Tank			2.0		2.0		
	Bathroom Groups:							
	Bathtub, Lavatory and Water Closet-FM	2.0		7.5		8.0		
	Bathtub, Lavatory and Water Closet-FT	2.0		3.5		4.0		
	Shower Stall, Lavatory and Water Closet-FM	1.5		7.0		7.5		
	Shower Stall, Lavatory and Water Closet-FT	1.5		3.0		3.5		
NON-PUBLIC TOTALS			0		0		0	
Grand Totals			25		53		67	
REMARKS:		Peak Water Usage: 25 WSFU Hot (predominantly flush tank) = 17.0 GPM 53 WSFU Cold (predominantly flush tank) = 29.2 GPM 67 WSFU Total (predominantly flush tank) = 34.1 GPM						

DRAWN BY

CAN

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CCO

DATE

06-30-2025

REVISIONS

CLIENT

La Crosse Veterinary Clinic
2128 WI-16
La Crosse, WI 54601

galileo

GROUP

2045 72nd STREET SOUTH
LA CROSSE, WISCONSIN 54601
PHONE: (608) 787-9106 FAX: (608) 787-8995
E-MAIL: colson@galileo-group.us

PROJECT NO.

2509

PROJECT TITLE

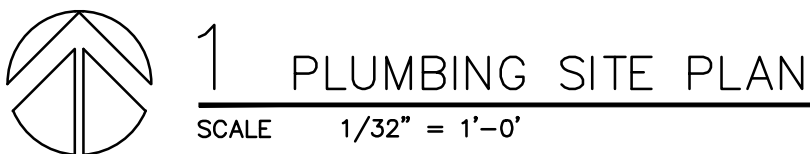
La CROSSE VETERINARY CLINIC
Highway WI-16
LACROSSE, WI 54602

SHEET TITLE

PLUMBING CALCULATIONS

PAGE NO.

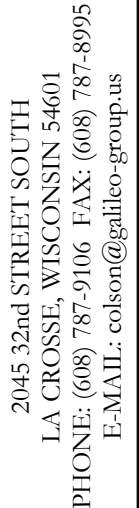
P001



S1	<p>4 inch Schedule 40 PVC Sanitary Sewer. Pitch at 1/4 inch/1ft. Maintain minimum of 72" of ground cover. Install on a clean sand. Install backfill of 12" of clean sand. Compact in maximum of 6" lifts.</p>
S2	<p>Provide and install precast concrete sanitary manhole. Exhale connection, invert, etc. to be determined. Top of manhole 12 inches above finished grade. This manhole will also serve the Future Building.</p>
S3	<p>6 inch Schedule 40 PVC Sanitary Sewer between manhole and existing 8 inch municipal sewer in street. Follow slope of hillside maintaining minimum of 72" of ground cover. Where hill flattens, offset and maintain 1/4 inch/ft. slope to municipal sewer.</p>
S4	<p>Connect to 8 inch municipal sewer in full compliance with City of La Crosse requirements. Make tap per City connection. Street, curb and gutter cutting, excavation and restoration by the Plumbing Contractor.</p>
W1	<p>Make new 2 inch domestic water connection to municipal water main with tapping fitting as directed by the City of La Crosse.</p>
W2	<p>Provide and install corporation valve directly at tapping fitting in full compliance with City of La Crosse Standards.</p>
W3	<p>New 2 inch Type K copper water service installed between the corporation valve and the main. Maintain 54 inches of ground cover, or match depth of municipal water main, whichever is deeper. Bed new water service pipe on 6" base of clean sand with minimum of 12" of clean sand cover. Compact in maximum of 6" lifts.</p>
W4	<p>Provide and install curb stop in valve box within 24" squares of edge of concrete curb and gutter. Provide 24" square concrete apron around perimeter of valve box installed approximately flush with grade.</p>
W5	<p>Route 2 inch diameter HDPE water supply pipe between curb stop and building maintaining minimum of 84" of ground cover. Water supply pipe shall be solid blue or black with blue stripe and black plastic water tape. Provide and install metallic trench wire or tape along entire length of pipe run. Bury polyethylene warning tape 24-30 inch below finish grade for entire length of pipe run.</p>
W6	<p>Penetrate building below building footing and roll up gradually to the water service location - Refer to the Floor Plan Drawings.</p>

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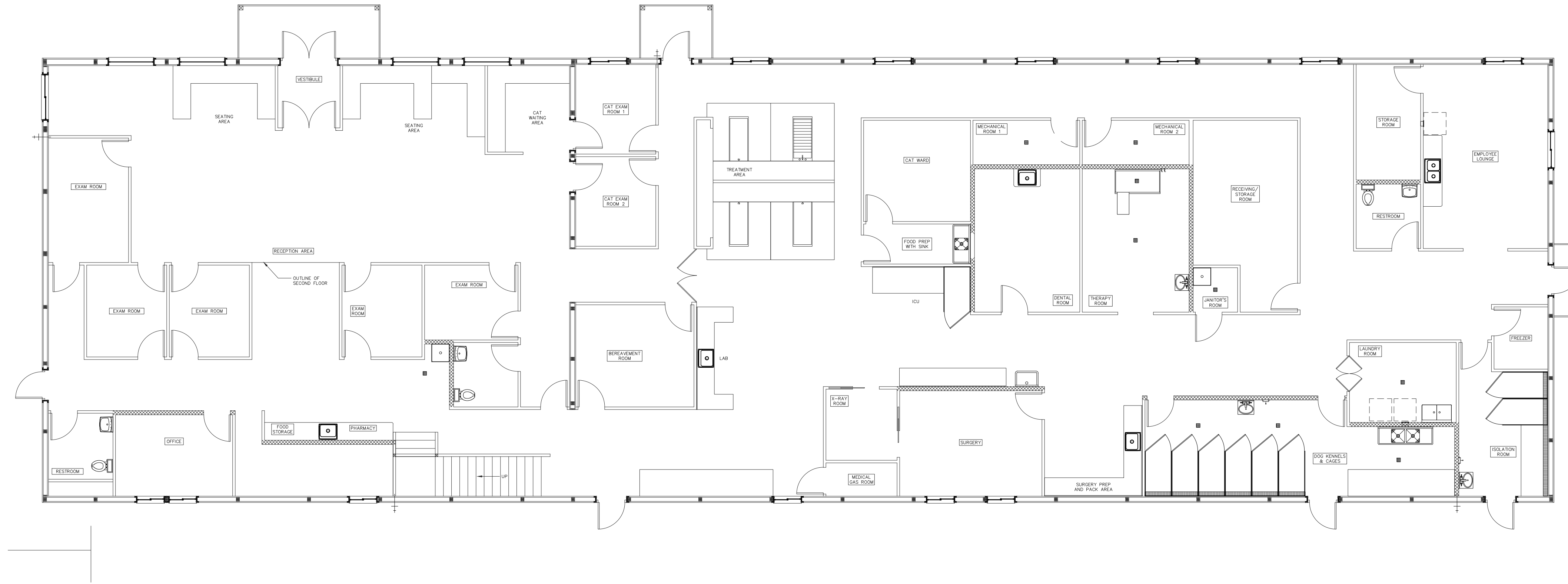


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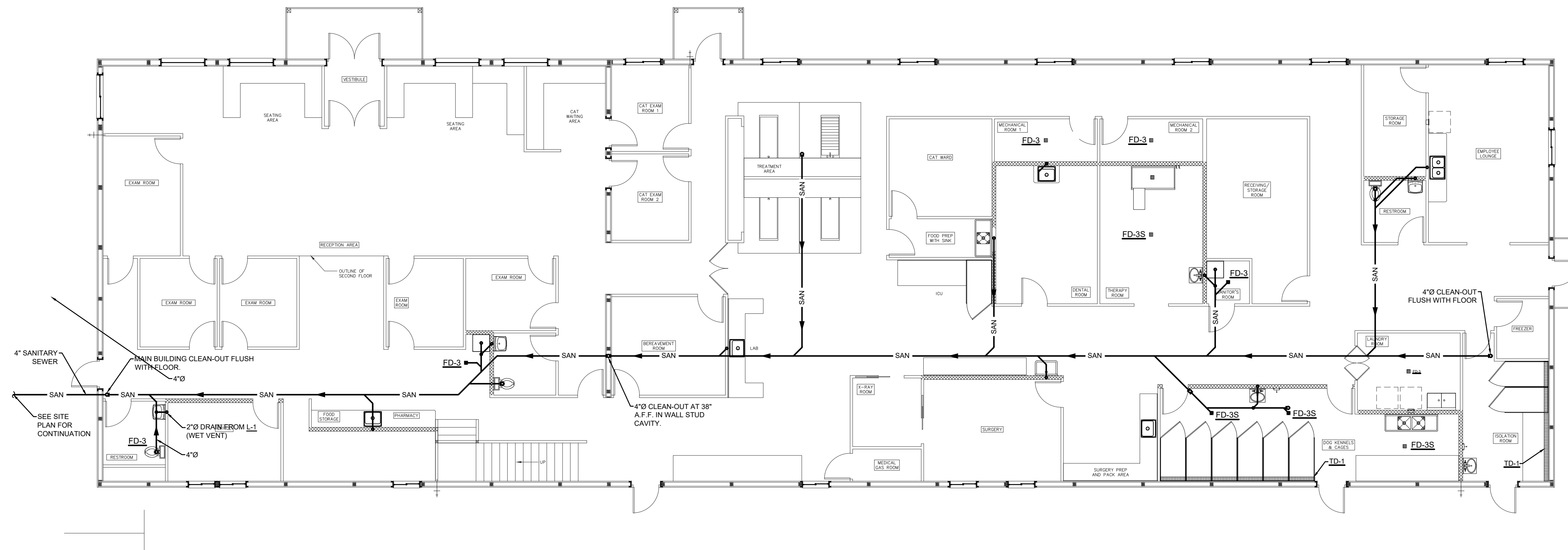
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P002



2 FIRST FLOOR PLAN – DRAIN AND VENT
SCALE 1/8" = 1'-0"



1 UNDER-FLOOR PLAN – DRAIN AND VENT
SCALE 1/8" = 1'-0"

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REVISIONS

CLIENT
La Crosse Veterinary Clinic
2128 WI-16
La Crosse, WI 54601

galileo GROUP
2045 52nd STREET SOUTH
LA CROSSE, WISCONSIN 54601
PHONE: (608) 787-9106 FAX: (608) 787-8995
E-MAIL: ccolson@galileo-group.us

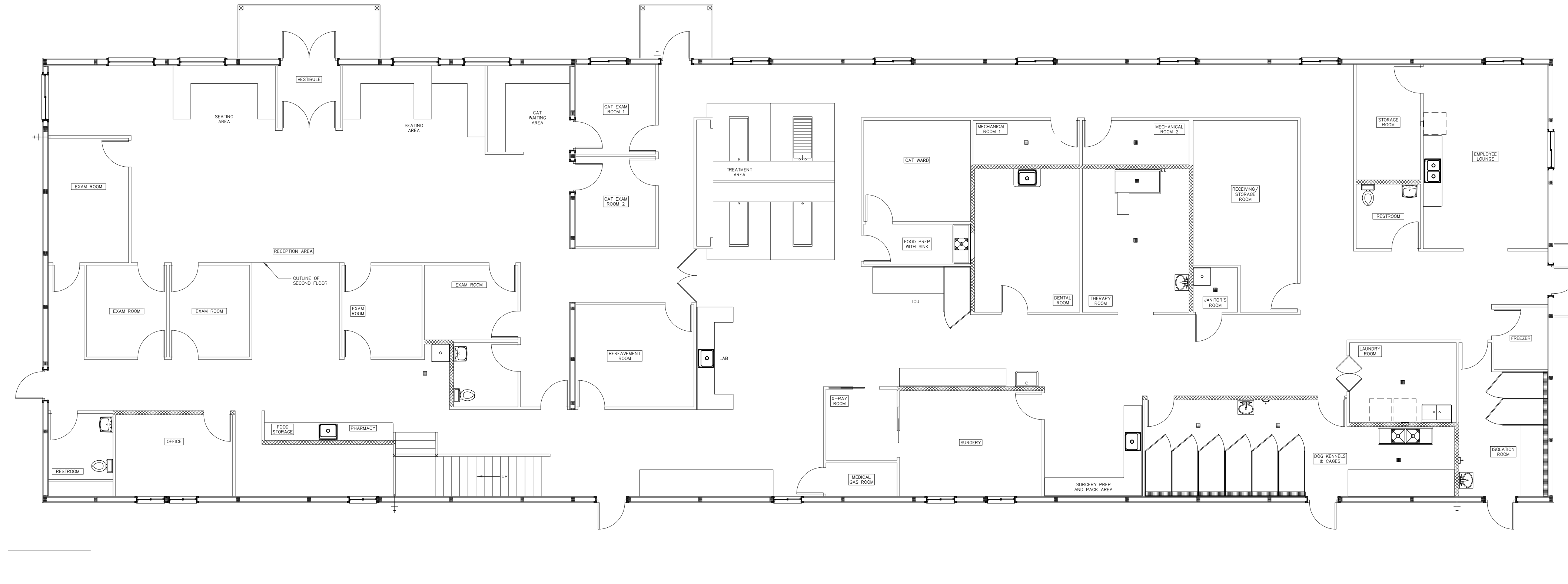
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2509

PROJECT TITLE
La CROSSE VETERINARY CLINIC
Highway WI-16
La CROSSE, WI 54602

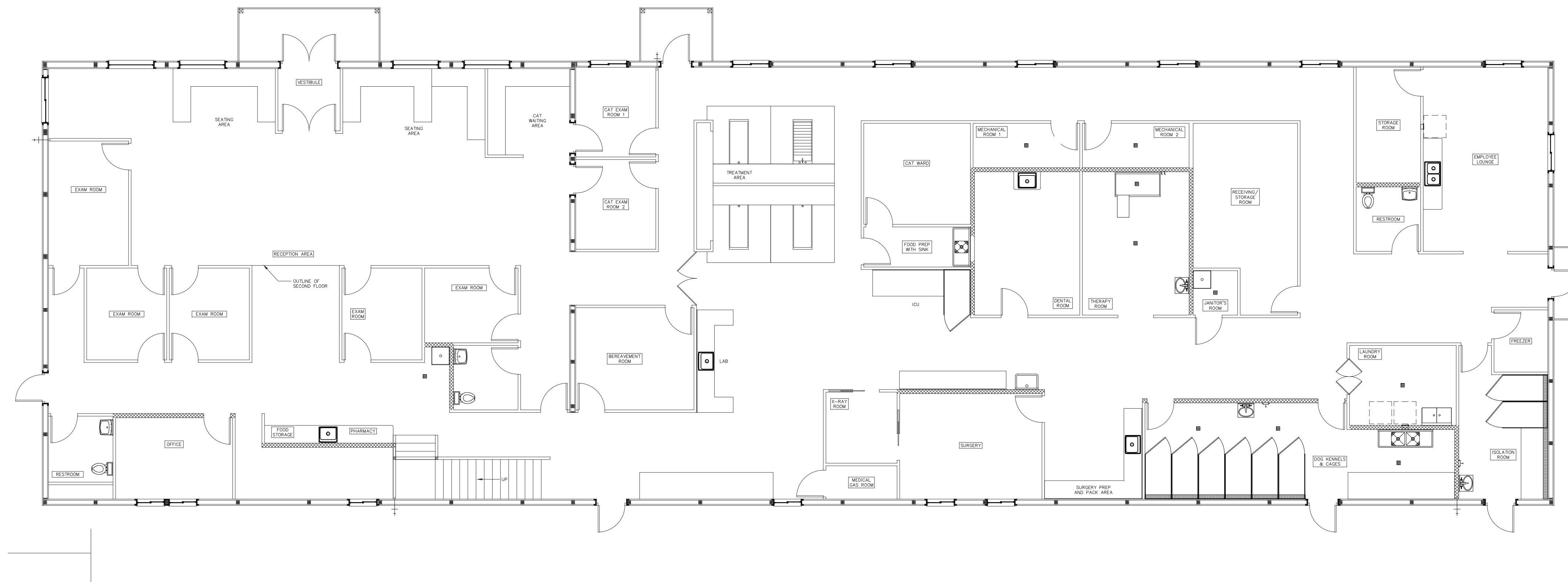
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P100

SHEET TITLE
UNDER-FLOOR PLAN - DRAIN & VENT
FIRST FLOOR PLAN - DRAIN AND VENT



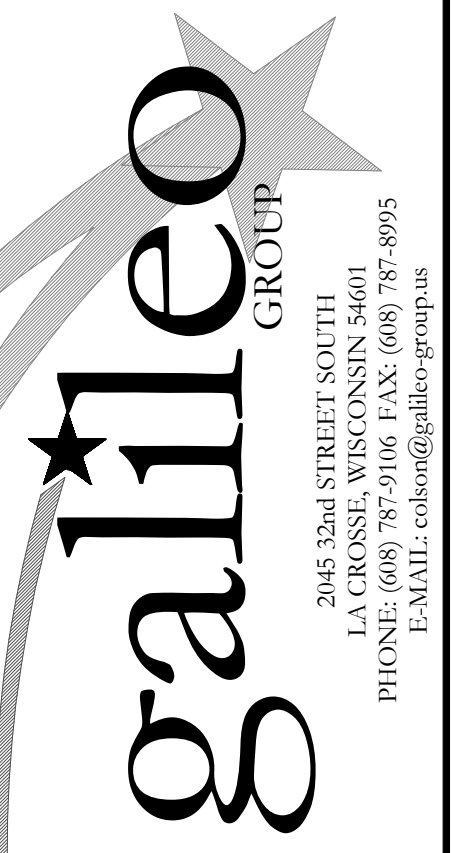

2 FIRST FLOOR PLAN – WATER DISTRIBUTION
 SCALE 1/8" = 1'-0"




1 UNDER-FLOOR PLAN – WATER DISTRIBUTION
 SCALE 1/8" = 1'-0"

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 REVISIONS

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La Crosse Veterinary Clinic
 2128 WI-16
 La Crosse, WI 54601

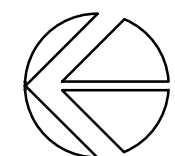
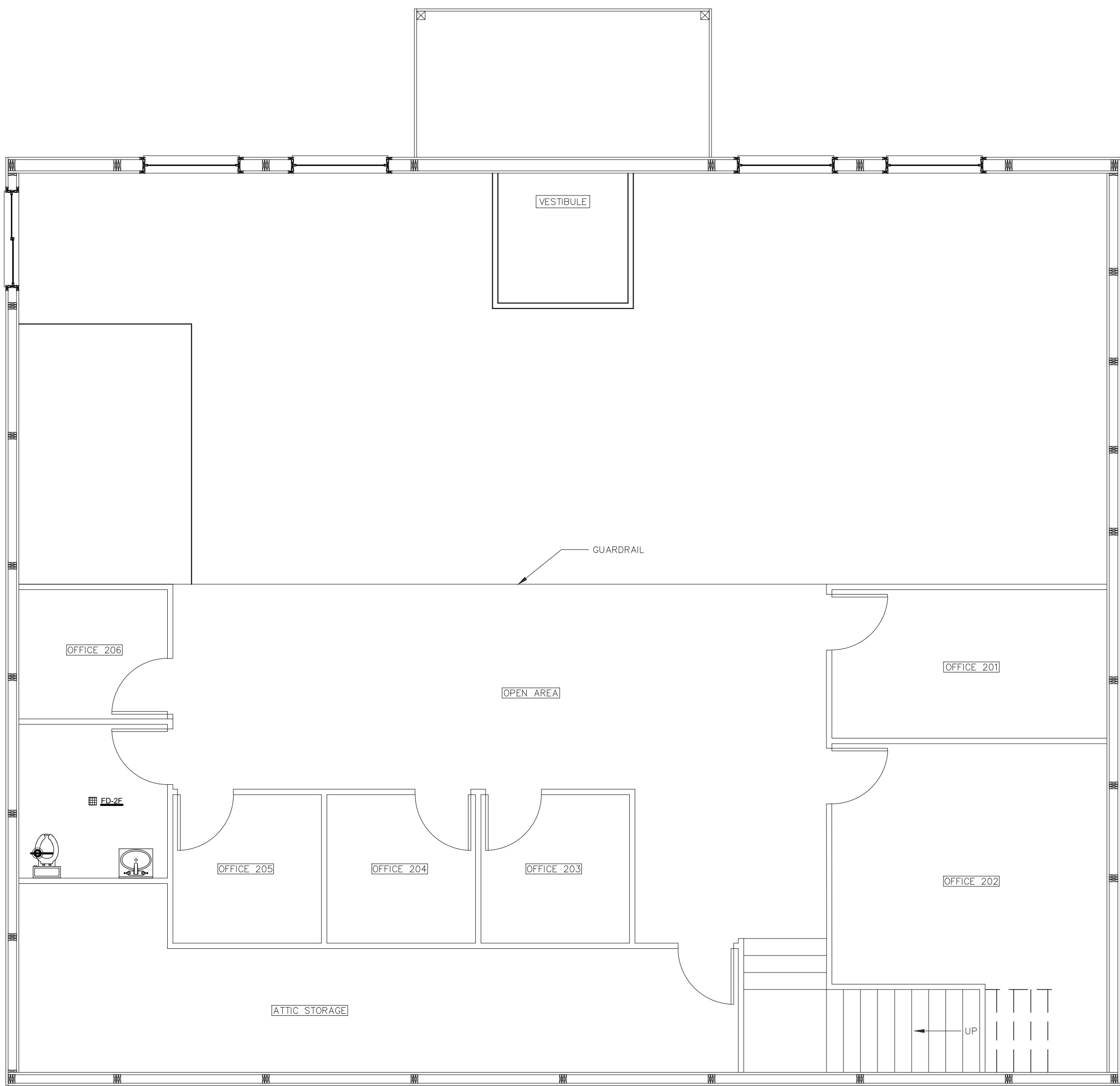

galileo GROUP
 2045 52nd STREET SOUTH
 LA CROSSE, WISCONSIN 54601
 PHONE: (608) 787-9106 FAX: (608) 787-8995
 E-MAIL: ccolson@galileo-group.us

PROJECT NO.
25009

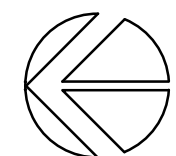
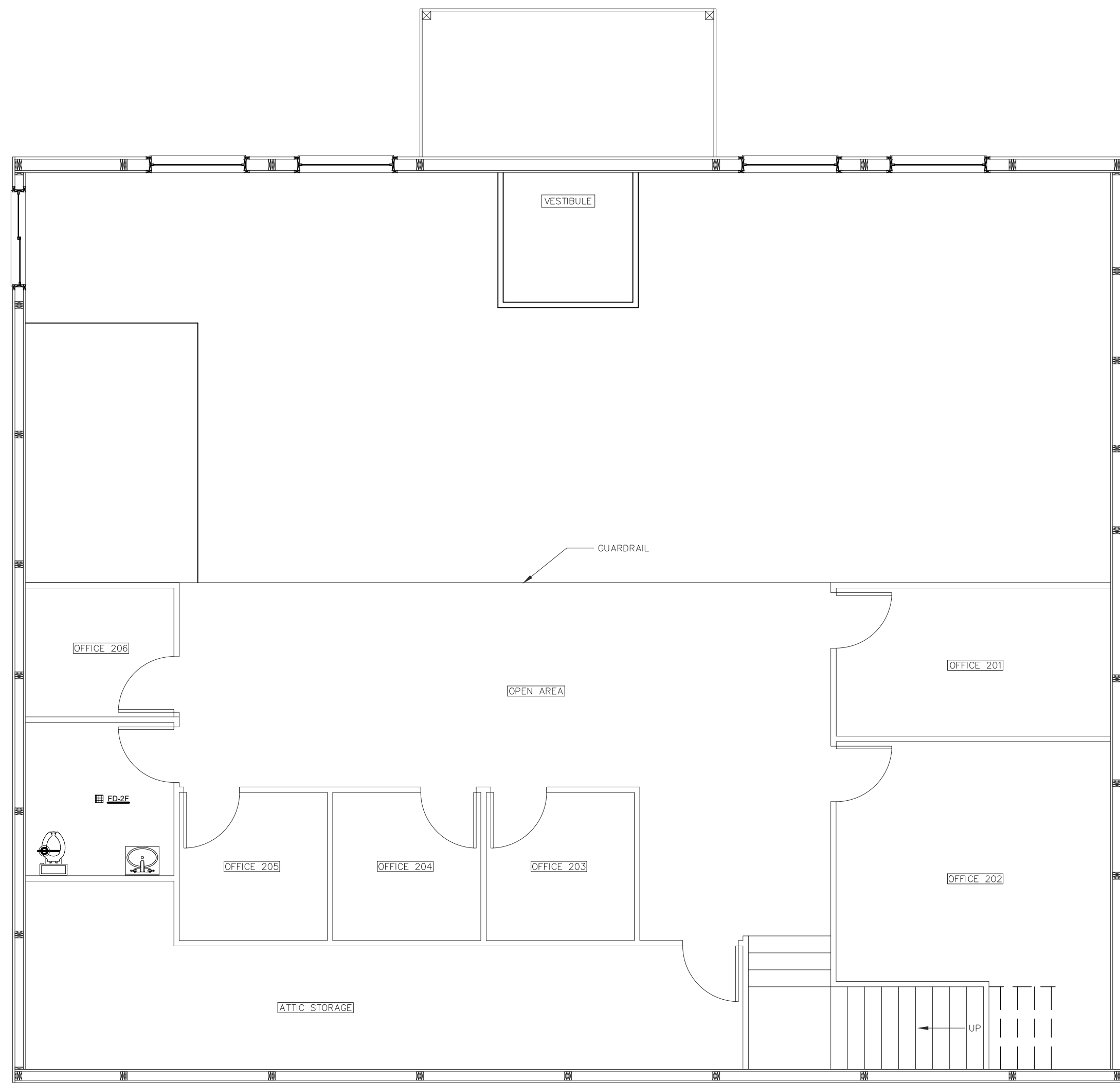
PROJECT TITLE
La CROSSE VETERINARY CLINIC
 Highway WI-16
 LACROSSE, WI 54602

SHEET TITLE
UNDER-FLOOR PLAN - WATER DISTRIBUTION
FIRST FLOOR PLAN - WATER DISTRIBUTION

PAGE NO.
P200



2 SECOND FLOOR PLAN – WATER DISTRIBUTION
SCALE 3/16" = 1'-0"

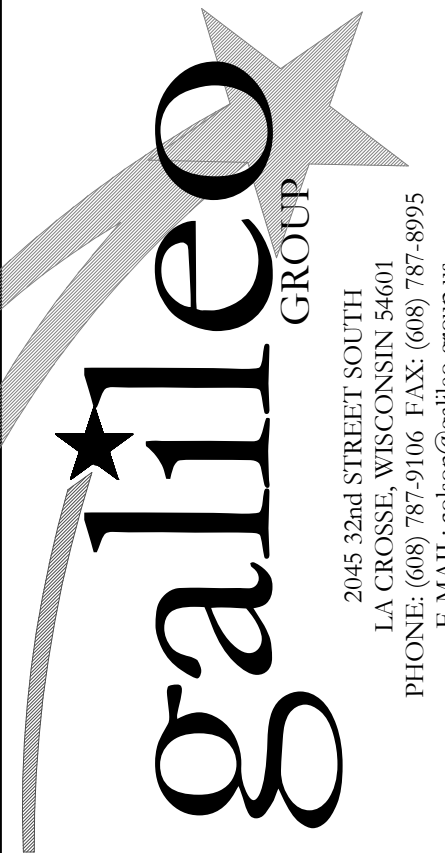


1 SECOND FLOOR PLAN – DRAIN AND VENT
SCALE 3/16" = 1'-0"

DRAWN BY	CAN
CHECKED BY	CCO
DATE	06-30-2025

REVISIONS

CLIENT
La Crosse Veterinary Clinic
2128 WI-16
La Crosse, WI 54601



PROJECT NO.
2509

PROJECT TITLE
La CROSSE VETERINARY CLINIC
Highway WI-16
La CROSSE, WI 54602

SHEET TITLE
Second Floor Plan - Drain & Vent
Second Floor Plan - Water Distribution

PAGE NO.
P300

FITTINGS AND SPECIALTIES

MARK	GENERAL DESCRIPTION	FIXTURE	VALVE/ FAUCET	FINSH	ACCESSORIES/ REMARKS
HB-1	FREEZE-PROOF WALL HYDRANT WITH BACKFLOW PROTECTION		Woodford Model 65		A
		Not applicable	Rough brass, freezeless, automatic-draining w all hydrant w ith anti-siphon vacuum breaker, loose key handle, hose connection for 3/4" copper connection	Rough Brass	
LU-1	LAUNDRY UNIT WITH INTEGRAL VALVES	Oatey Model 37609			
		Washing machine box w ith 1/4 turn valves installed for bottom w ater supply, sw eat connection to copper tubing, 2" drain, w ater hammer arrestors		White PVC	
WF-1	WALL FAUCET WITH HOT AND COLD WATER SUPPLIES		T&S Brass B-0674-POL		B
			Wall faucet w ith standard lever handles, red and blue indicators, pail hook, and garden hose threaded outlet. Provide screw -on vacuum breaker.	Polished Chrome	
FCO's	FLOOR CLEANOUT	Sioux Chief (Verify)			
		Floor cleanout, PVC top housing, PVC adapter, round ring, cast nickel cover, satin finish.		Satin finish	

ACCESSORIES:
1.

REMARKS:
A. Provide hose bibs w ith length to match w all construction.
B. Provide a Watts 8A vacuum breaker for this faucet.

PLUMBING FIXTURES AND TRIM

MARK	GENERAL DESCRIPTION	FIXTURE	VALVE / FAUCET	SUPPORT	SUPPLIES	HOT WATER SUPPLY SIZE	COLD WATER SUPPLY SIZE	DRAIN	DRAIN CONNECTION	ACCESSORIES	REMARKS
HS-1	ADA-compliant STAINLESS STEEL HAND WASH SINK	Elkay CHS81716C			Any	1/2"	1/2"	3.5 inch basket strainer with 1- 1/2" outlet, 17 gauge chrome-plated tailpiece, chrome-plated brass P-trap and related fittings as required.	1-1/2"	A	1
		20 gauge, Type 304 stainless steel hand sink, wall hung, with faucet backsplash.	Backsplash-mounted faucet, chrome-plated, with wrist blade handles, all provided with sink.	(Provided with Fixture)	Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.						
L-1	ADA-compliant LAVATORY	Kohler K-2005	Chicago 802-VE2805-665ABCP		Any	1/2"	1/2"	Chrome-plated grid strainer, 17 gauge chrome-plated tailpiece, chrome-plated brass P-trap and related fittings as required.	1-1/2"	A	
		Lavatory wall - mount	Self-closing faucet, 4 inch center mounting, deck mount, 0.5 GPM aerator separate hot and cold actuators, chrome-plated.	Not required	Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.						
LT-2	LAUNDRY/UTILITY TUBS	Mustee 26F-floor			(Any)		1/2"		1-1/2"		
		Surface-mounted refrigerated bottle filling station with filter and integral refrigeration.									
LU-1	MODA MODULAR SUPPLY BOX SYSTEM	Oatey			(Any)		1/2"		1-1/2"		
MB-1	MOP SERVICE BASIN	Mustee 63M	Mustee 63.600A			1/2"	1/2"	Matching drain body and flat stainless steel strainer supplied with Basin	3"	B	
		24" x 24" x 10" standard fiberglass mop basin for floor mounting, 3 inch drain outlet with provided strainer, standard color.	Wall-mount service sink faucet for 8" centers, rough chrome plating, with wall brace, pail hook, and threaded spout.	Not required	N/A						
S-1	SINGLE BOWL DROP-IN SINK	Elkay DLR252210	Chicago Faucet 786-245ABCP		(Any)	1/2"	1/2"	Chrome-plated basket drain body with 17 gauge, chrome-plated tailpiece and removable stainless steel strainer. PVC trap and finish drainage components.	2"		
			Deck mounted faucet with two wrist blade operators, 11 inch high arch swing spout with 1.5 GPM aerator, 8" center spacing, chrome-plated.	N/A	Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.						
S-2	DOUBLE BOWL DROP-IN SINK	Elkay DLR332210	Chicago Faucet 786-245ABCP		(Any)	1/2"	1/2"	Chrome-plated basket drain body with 17 gauge, chrome-plated tailpiece and removable stainless steel strainer. PVC trap and finish drainage components.	2"		
			Deck mounted faucet with two wrist blade operators, 11 inch high arch swing spout with 1.5 GPM aerator, 8" center spacing, chrome-plated.	N/A	Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.						
S-3	ONE COMPARMENT SINK WITH LEFT AND RIGHT DRAINBOARDS AND STAINLESS STEEL LEGS	Elkay 14-1C16X20-2-18X	Chicago Faucet 786-245ABCP		(Any)	1/2"	1/2"	Chrome-plated basket drain body with 17 gauge, chrome-plated tailpiece and removable stainless steel strainer. PVC trap and finish drainage components.	2"		
			Deck mounted faucet with two wrist blade operators, 11 inch high arch swing spout with 1.5 GPM aerator, 8" center spacing, chrome-plated.	N/A	Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.						
S-4	TWO COMPARMENT SINK WITH LEFT AND RIGHT DRAINBOARDS AND STAINLESS STEEL LEGS	Elkay 14-2C16X20-2-18X	Chicago Faucet 786-245ABCP		(Any)	1/2"	1/2"	Chrome-plated basket drain body with 17 gauge, chrome-plated tailpiece and removable stainless steel strainer. PVC trap and finish drainage components.	2"		
			Deck mounted faucet with two wrist blade operators, 11 inch high arch swing spout with 1.5 GPM aerator, 8" center spacing, chrome-plated.	N/A	Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.						
SS-1	WALL HUNG SINGLE BOWL HAND WASH SINK KIT WITH SPOUT AND FOOT CONTROL	Elkay EWS2520FC	Faucet and Foot Control included with sink kit		(Any)	3/4"	3/4"	Chrome-plated basket drain body with 17 gauge, chrome-plated tailpiece and removable stainless steel strainer. PVC trap and finish drainage components.	2"		
		Three-compartment scullery sink with drainboards on each side, 18 gauge (min.) Type 304 stainless steel, welded construction, with adjustable floor-mounted legs, full backsplash, NSF-approved construction.		Provided with Sink	Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.						
WC-1	ADA-compliant	Kohler K-25077	Sloan 940-1.6				1"	Integral to Fixture	3" or 4"		1
	TWO PIECE ELONGATED TOILET	Floor mounted 1.6 GPF, 1-1/2" rear spud, white-colored vitreous china.	Fully-concealed flush valve for rear spud connection, hydraulically-operated, 1.6 GPM per flush, standard finish.	(Re-use Existing Carrier)	N/A						
WC-1R	ADA-compliant	Kohler K-25077-RA	Sloan 940-1.6				1"	Integral to Fixture	3" or 4"		1
	TWO PIECE ELONGATED TOILET	Floor mounted 1.6 GPF, 1-1/2" rear spud, white-colored vitreous china.	Fully-concealed flush valve for rear spud connection, hydraulically-operated, 1.6 GPM per flush, standard finish.	(Re-use Existing Carrier)	N/A						

REMARKS
1. Handicap mounting - refer to Architectural Details
2. Obtain a color selection from the Architect.
3. Verify unit mounting height prior to ordering.

ACCESSORIES:
A. ADA-compliant trap and water supply insulation kit - white vinyl finish.
B. Include thread-on, non-removable, vacuum breaker. (Watts 9A or equal product).

DOMESTIC WATER HEATING EQUIPMENT - TANK TYPE - NATURAL GAS

DOMESTIC WATER HEATER																HOT WATER CIRCULATING PUMP									
MARK	MODEL No.	FUEL	INPUT	GPH * Recovery	TEMP. SETPOINT	SIZE		STORAGE CAPACITY	ELECTRICAL CHARACTERISTICS	GAS VENTING		COMBUSTION AIR		HEATER ACCESSORIES	HEATER REMARKS	MARK	MODEL No.	FLUID			MOTOR		TYPE	PUMP ACCESSORIES	PUMP REMARKS
						Diameter	Height			SIZE	MATERIAL	SIZE	MATERIAL					GPM	FT HD	WATTS	VOLT/PH				
WH-1	BTX-80	Nat. Gas	76 MBH	95	140 Degrees F	22 Inches	69 Inches	50 Gal.	120/1/60	3"	Solid Wall PVC		(Room Air)	A, B	1, 2	CP-1	e3-6V/BTPRC	3.25	5	60	120/1	Stainless Steel Body	B, C, D	1	
WH-2	BTX-80	Nat. Gas	76 MBH	95	140 Degrees F	22 Inches	69 Inches	50 Gal.	120/1/60	3"	Solid Wall PVC		(Room Air)	A, B	1										

Based on products by A.O. Smith. Equal products are acceptable.

* 90 Deg F Temperature Rise

Based on products by Bell & Gossett

HEATER ACCESSORIES:
A. P&T Relief Valve
B. Drain Valve

HEATER REMARKS:
1. Provide optional Condensate Neutralizer Kit.
2. Provide one 5 gallon (nominal) diaphragm-style expansion tank for this system.

PUMP ACCESSORIES:
A. Variable Speed Selector Switch
B. Adjustable Temperature Sensor
C. Plug and Cord Electrical Connection
D. Unit-mounted Timer

PUMP REMARKS:
1. Program pump to run during occupied hours only.

WATER SOFTENER

MARK	MODEL No.	WATER				SOFTENER										ACCESSORIES	REMARKS
		APPROX. GRAINS	MAXIMUM USE		TOTAL Grains/day	TYPE	CAPACITY LOW GRAINS	FLOW GPM **		TANKS (Dia x Height)				SALT LBS			
			GPM	GPD				CONTINUOUS	PEAK	# TANKS	MINERAL	# TANKS	BRINE				
WS-1	H151 HE-18	16	28	TBD	TBD	Single Tank	115,200	28	44	1	18" x 65"	1	24" x 50"	750	1	A, B	

Based on products by Hellenbrand. Equal products BY PRIOR APPROVAL ONLY.

** @ 15 PSI Continuous and 25 PSI Peak

ACCESSORIES:
1. Full Flow Bypass Valve

REMARKS:
A. Provide with 1.5" metering valve.
B. Include Full fill of salt at Substantial Completion.

DRAWN BY

CAN

CHECKED BY

CCO

DATE

06-30-2025

REVISIONS

CLIENT

La Crosse Veterinary Clinic
2128 WI-16
La Crosse, WI 54601

galileo

GROUP

2045 52nd STREET SOUTH
LA CROSSE, WISCONSIN 54601
PHONE: (608) 787-9106 FAX: (608) 787-8995
E-MAIL: cdson@galileo-group.us

PROJECT NO.

2509

PROJECT TITLE

La CROSSE VETERINARY CLINIC
Highway WI-16
LACROSSE, WI 54602

SHEET TITLE

Plumbing Equipment Schedules

PAGE NO.

P600