

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 09, 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 (FCO) WALL (WCO)
	FLOOR DRAIN
	HUB DRAIN
	WATER HAMMER SUPPRESS, 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, SWING(S) LIFT(L), BALL(B)
	SQUARE HEAD VALVE, DISC(D)
	GENERAL, NON-DESIGNATED
	PRESSURE REDUCING VALVE
	SAFETY(S), RELIEF(R)
	HOSE BIBB DRAIN
	REDUCED PRESSURE ZONE BACKFLOW PREVENTER

MECHANICAL DRAWING SHEET INDEX:	
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

DRAWN BY CAN	
CHECKED BY CCO	
DATE 06-09-2025	
REVISIONS	
CLIENT La Crosse Veterinary Clinic 2128 WI-16 La Crosse, WI 54601	
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PROJECT NO. 2509	
PROJECT TITLE La CROSSE VETERINARY CLINIC Highway WI-16 La CROSSE, WI 54602	SHEET TITLE COVER SHEET - PLUMBING SET PLUMBING SYMBOLS
PAGE NO. P000	

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

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)

Subtotal

54.14

Subtract value of "C"

2.1

D.

Pressure at controlling fixture*.

(Controlling fixture is: Standard Fixture)

Subtotal

46.14

Subtract value of "D"

8

E.

Difference in elevation between building control valve and the controlling fixture in feet: 13 X .434 psi/ft.

Subtotal

5.64

Subtract value of "E"

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: 15

(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.

Pressure available for uniform loss

"A" =

13.5

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 Domestic Water Service Calculations							
NO. OF FIXTURES	FIXTURE DESCRIPTION	WATER SUPPLY FIXTURES UNITS (WSFU)					
		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	2.0		2.0		3.0	
	Bathtub, With or Without Shower Head			0.5		0.5	
	Coffeemaker						
	Dishwasher, Commercial			0.5		0.5	
	Drink Dispenser			0.25		0.25	
	Drinking Fountain			0.5		0.5	
	Glass Filler						
	Hose Bibb:						
	1/2" diameter			3.0		3.0	
	3/4" diameter			4.0	16	4.0	16
4	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:						
	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					

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																	
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	1			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			Pack of Plaster	3											
	Dipper Well	1		6	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	3	3										
	Larger than 4 inch	4			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 TOTAL	99
Sewer Size	4 inch

DRAWN BY

CAN

CHECKED BY

CCO

DATE

06-09-2025

REVISIONS

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PROJECT NO.

2509

PROJECT TITLE

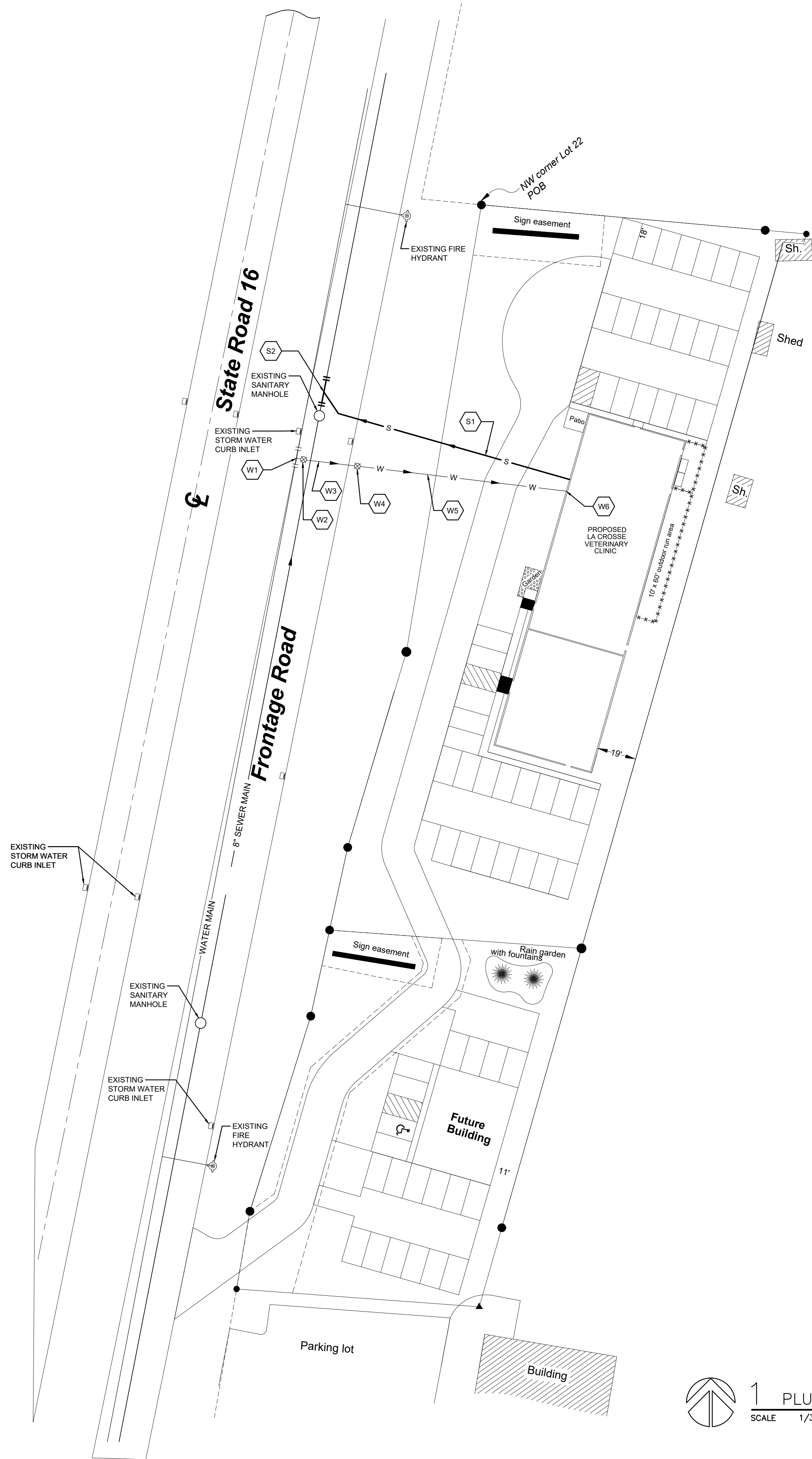
La CROSSE VETERINARY CLINIC
Highway WI-16
LACROSSE, WI 54602

SHEET TITLE

PLUMBING CALCULATIONS

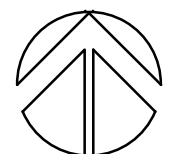
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P001

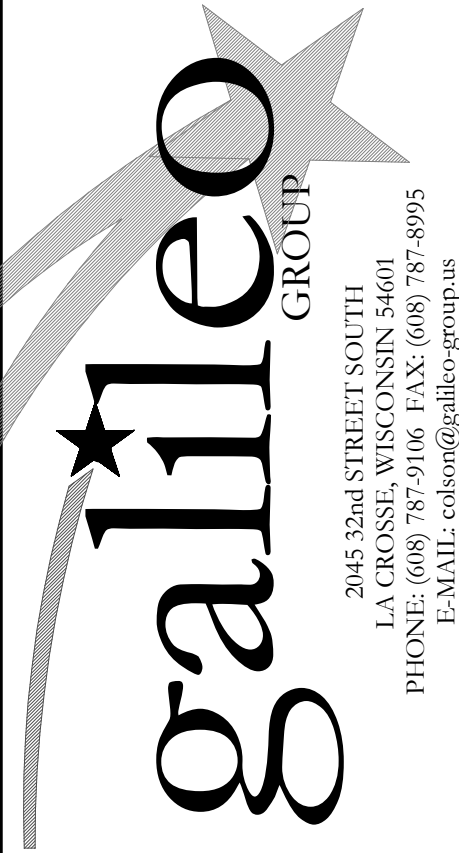


Site Plan "Keyed" Notes:

- S1 4 Inch Schedule 40 PVC Sanitary Sewer. Pitch at 1/4 Inch/ft. Maintain minimum of 72" of ground cover. Install on 6" clean sand bed. Initial backfill of 12" of clean sand. Compact in maximum of 6" lifts.
- S2 Connect to 8 inch municipal sewer in full compliance with City of La Crosse requirements. Make tap per City direction. Street, curb and gutter cutting, excavation and restoration by the Plumbing Contractor.
- W1 Make new 2 Inch domestic water connection to municipal water main with tapping fitting as directed by the City of La Crosse.
- W2 Provide and install corporation valve directly at tapping fitting in full compliance with City of La Crosse Standards.
- W3 New 2 Inch Type K copper water service installed between the corporation valve and the curb stop. Maintain 84 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.
- W4 Provide and install curb stop in valve box within 24 inches of edge of concrete curb and gutter. Provide 24" square concrete apron around perimeter of valve box installed approximately flush with grade.
- W5 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 listed for domestic water use. Provide and install metallic tracer 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.
- W6 Penetrate building below building footing and roll up gradually to the water service location - Refer to the Floor Plan Drawings.

 **1** PLUMBING SITE PLAN
SCALE 1/32" = 1'-0"

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2128 WI-16
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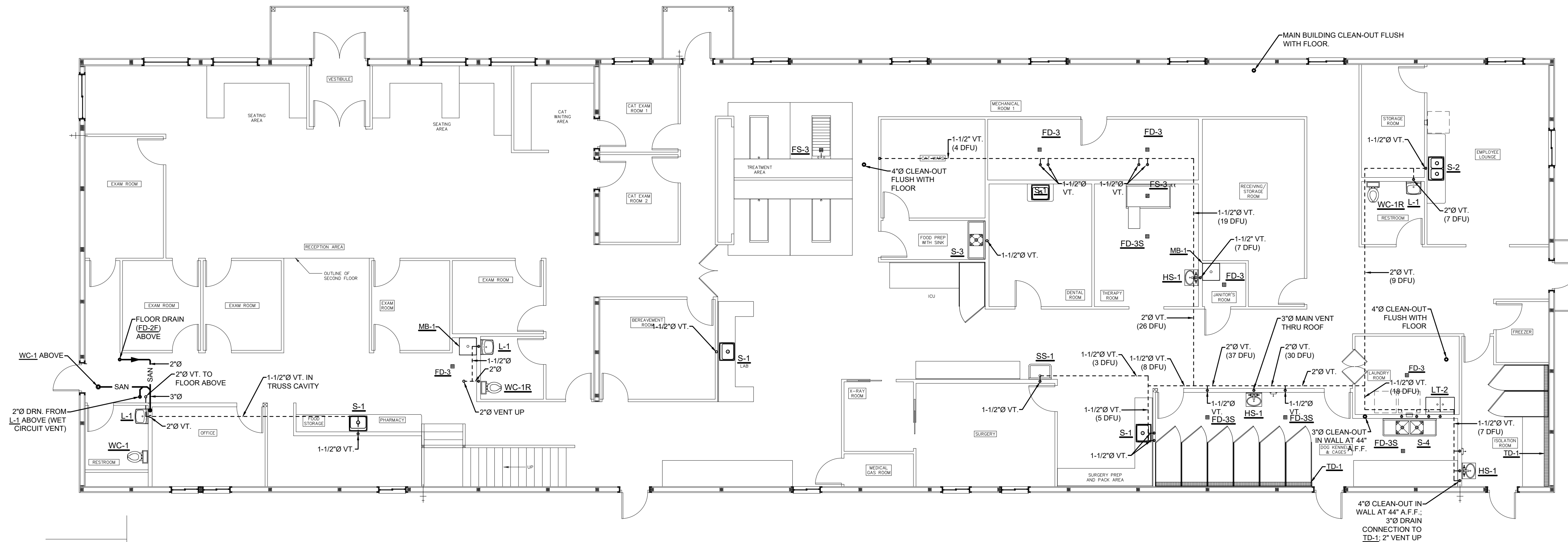
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La CROSSE VETERINARY CLINIC
Highway WI-16
LACROSSE, WI 54602

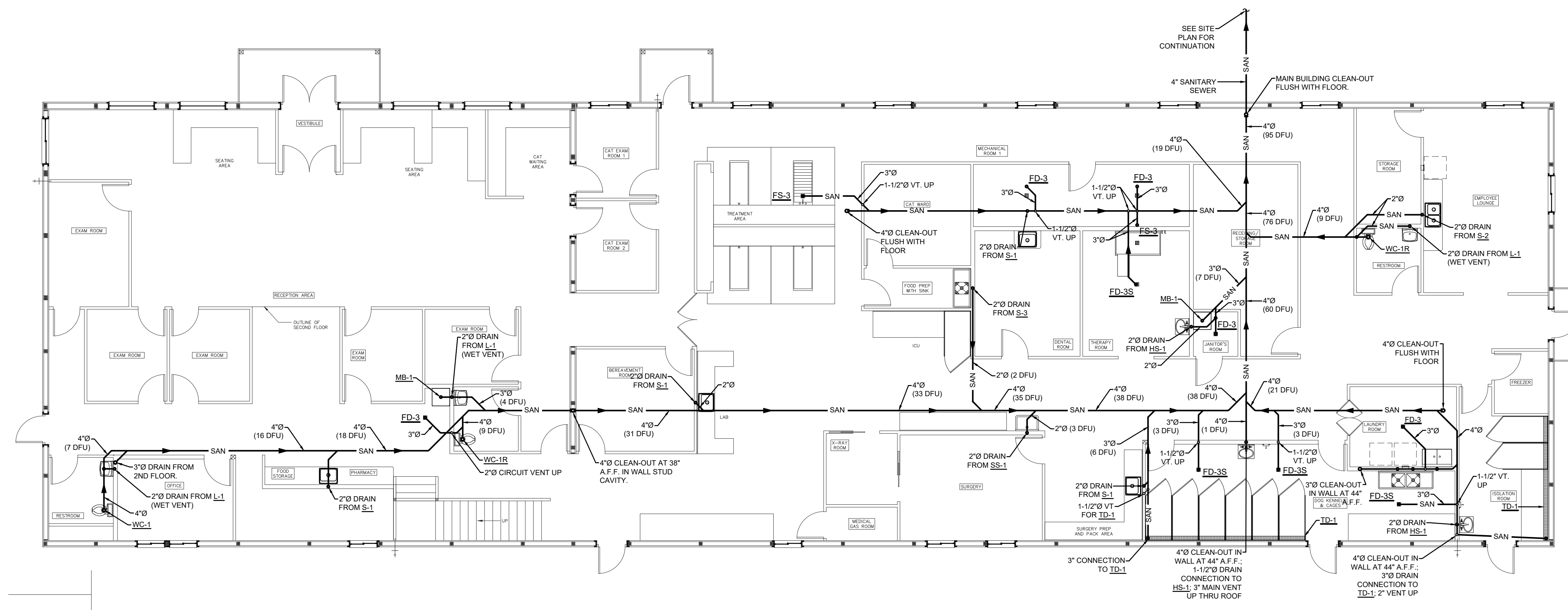
SHEET TITLE
PLUMBING SITE PLAN

PAGE NO.

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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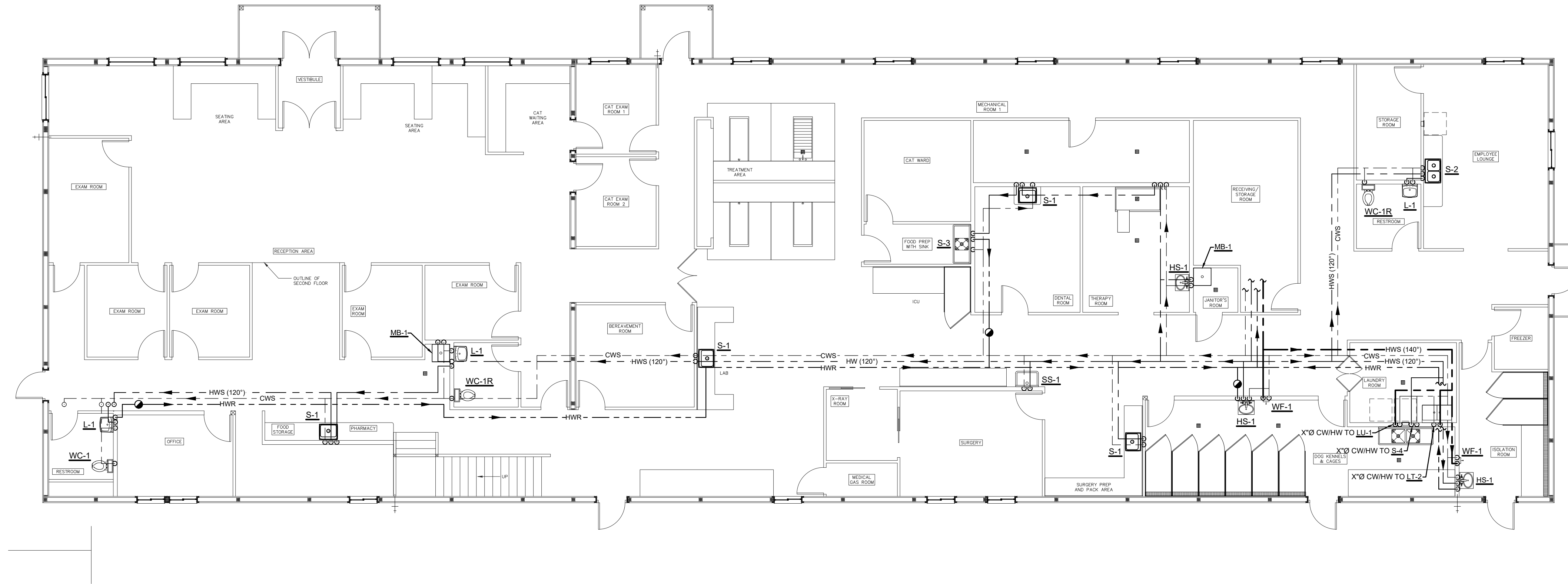
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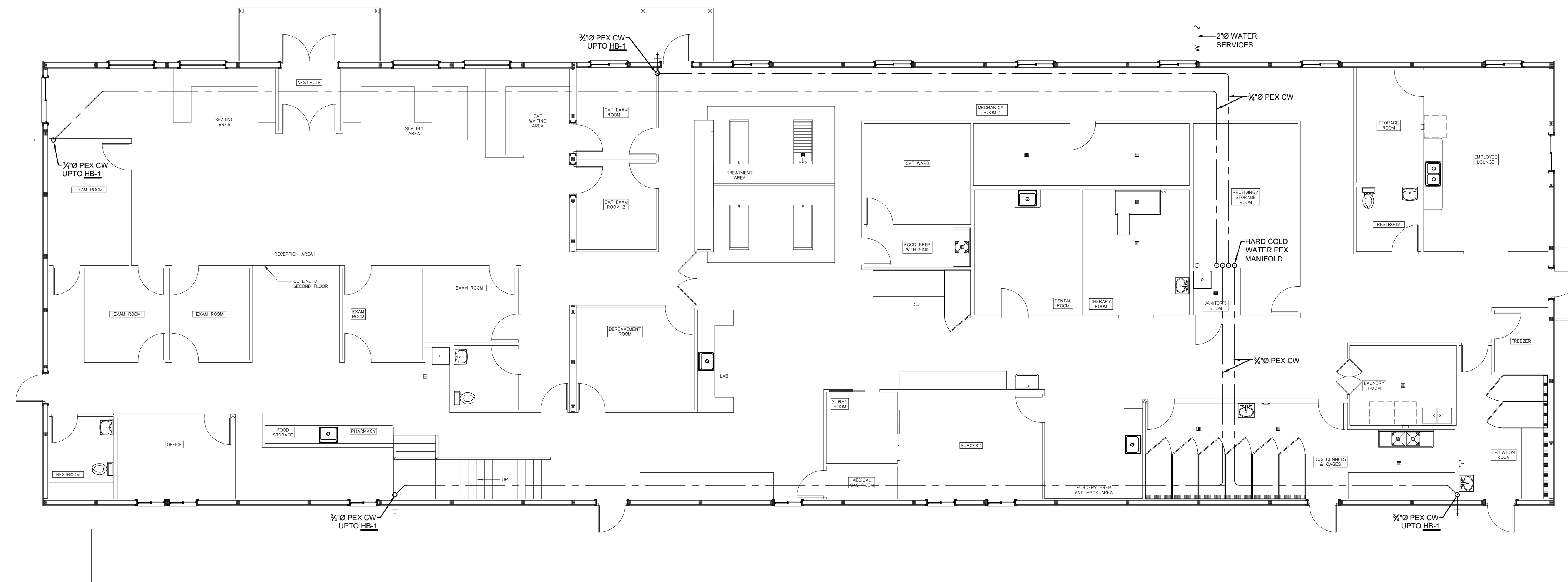
PROJECT TITLE
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Highway WI-16
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PAGE NO.

SHEET TITLE
UNDER-FLOOR PLAN - DRAIN & VENT
FIRST FLOOR PLAN - DRAIN AND VENT
P100



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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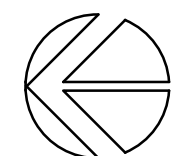
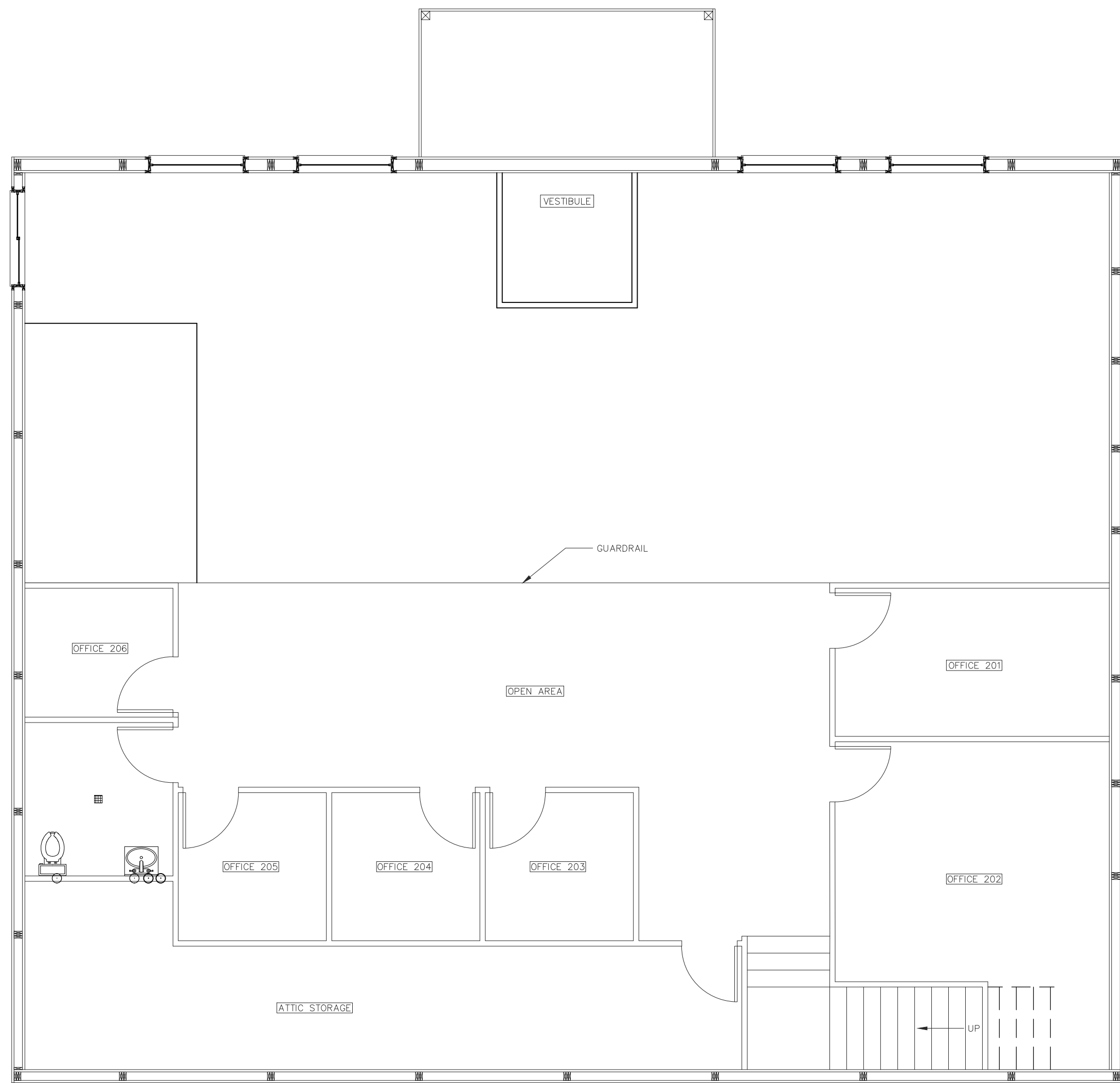
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PROJECT NO. 25009

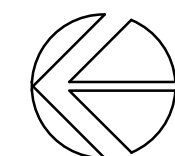
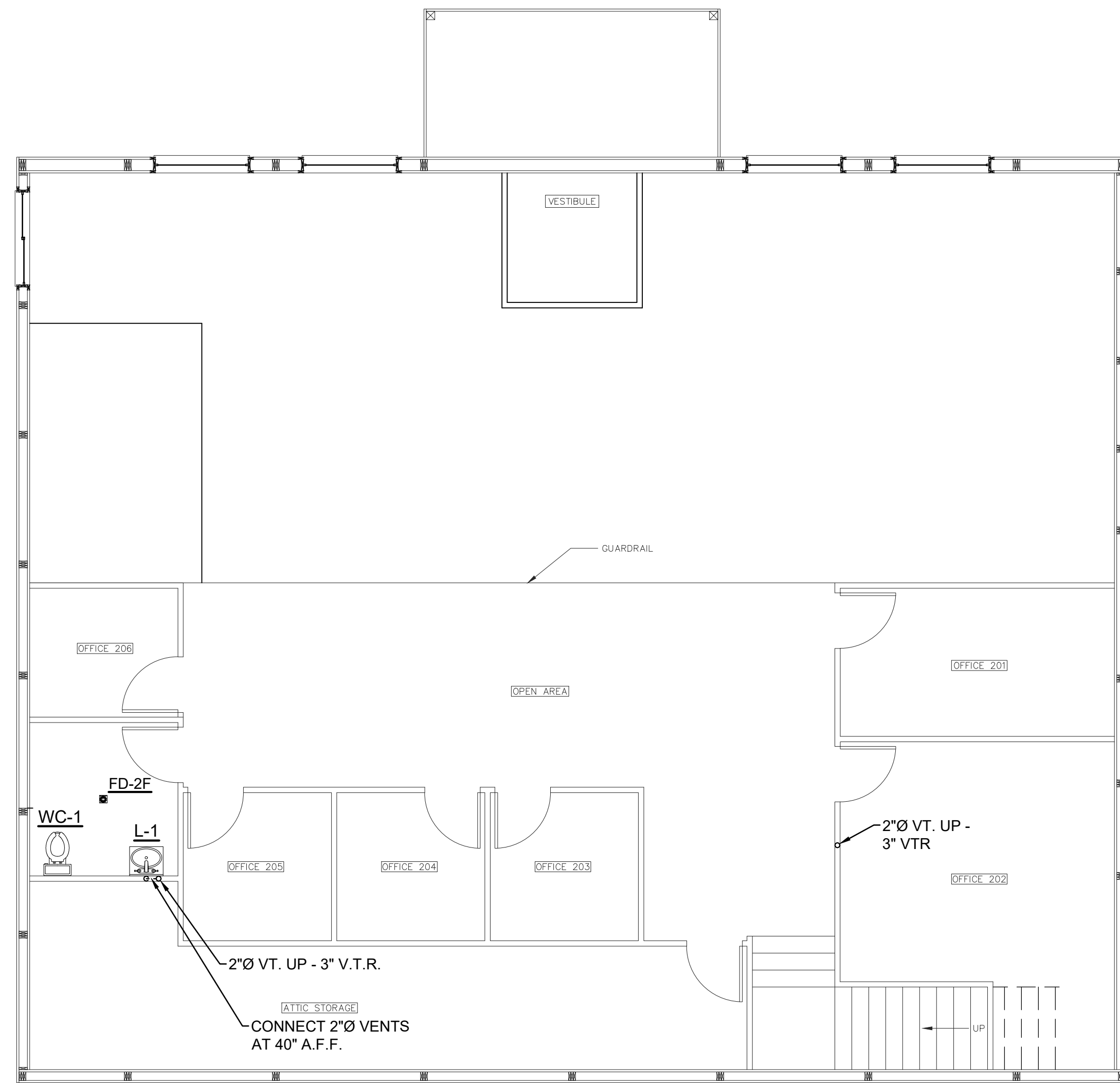
PROJECT TITLE
La CROSSE VETERINARY CLINIC
Highway WI-16
LACROSSE, WI 54602

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"

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DATE	06-09-2025

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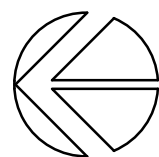
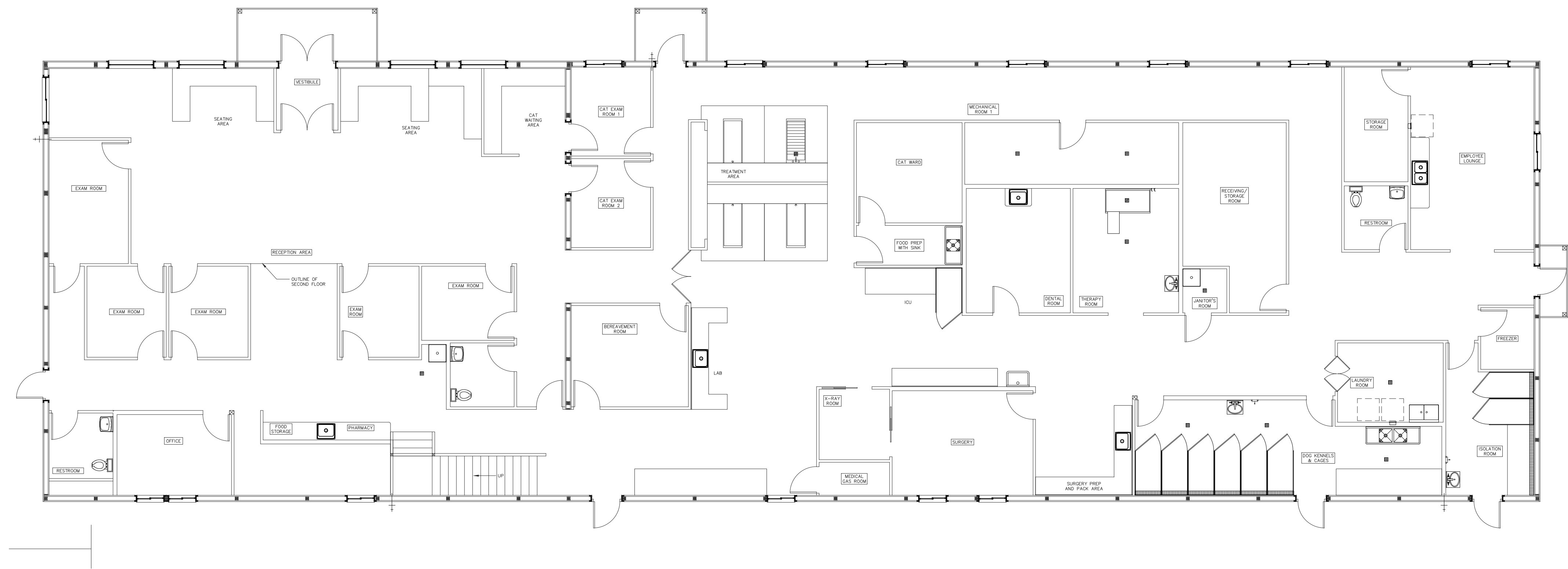


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2509

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

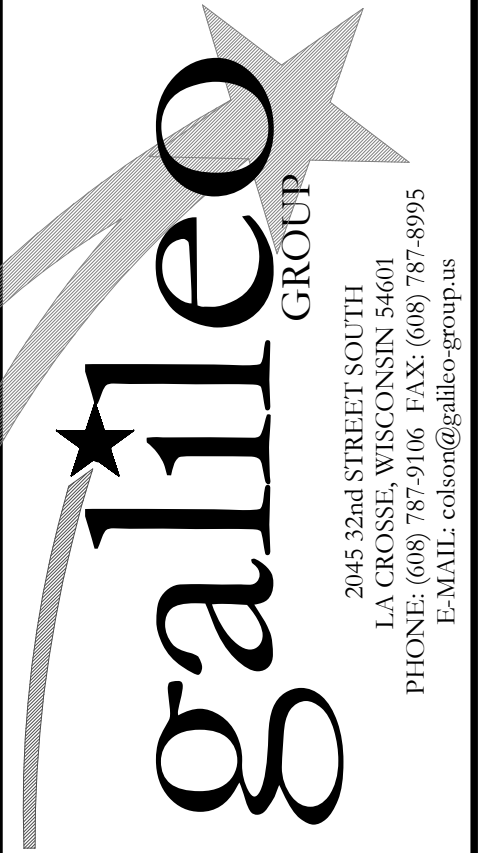
PAGE NO.
P300



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

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DATE	06-09-2025
REVISIONS	

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La Crosse, WI 54601



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LACROSSE, WI 54602

SHEET TITLE
Medical Gas Distribution

PAGE NO.

P400

FITTINGS AND SPECIALTIES

MARK	GENERAL DESCRIPTION	FIXTURE	VALVE / FAUCET	FINISH	ACCESSORIES/ REMARKS
HB-1	FREEZE-PROOF WALL HYDRANT WITH BACKFLOW PROTECTION		Woodford Model 65		A
		Not applicable	Rough brass, freezeless, automatic-draining wall hydrant with 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 with 1/4 turn valves installed for bottom water supply, sweat connection to copper tubing, 2" drain, water hammer arrestors		White PVC	
WF-1	WALL FAUCET WITH HOT AND COLD WATER SUPPLIES		T&S Brass B-0674-POL		B
			Wall faucet with standard lever handles, red and blue indicators, pall 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 with length to match wall 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 backplash.	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, pall hook, and threaded spout.	Not required	N/A						
S-1	SINGLE BOWL DROP -IN SINK	Elkay DLR32210	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 DLR32210	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 COMPARTMENT 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 COMPARTMENT 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 backplash, 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. SETPPOINT	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

06-09-2025

REVISIONS

CLIENT

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La Crosse, WI 54601

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PROJECT NO.

2509

PROJECT TITLE

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

SHEET TITLE

Plumbing Equipment Schedules

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