

**LEGEND - PLUMBING**

MARK	DESCRIPTION
-----	NEW SITE WATER SERVICE PIPING
-----	NEW SITE FIRE PROTECTION WATER PIPING
-----	NEW MEDIUM PRESSURE GAS PIPING
-----	NEW GAS SERVICE PIPING (BY SERVING UTILITY)
-----	NEW LOW PRESSURE GAS PIPING
-----	NEW RAIN LEADER PIPING
-----	NEW SANITARY VENT PIPING
-----	NEW SANITARY WASTE PIPING
-----	NEW DOMESTIC COLD WATER PIPING
-----	NEW DOMESTIC HOT WATER PIPING (120°F)
-----	NEW DOMESTIC RECIRCULATING HOT WATER PIPING (120°F)
-----	NEW CONDENSATE DRAIN PIPING
-----	NEW REFRIGERANT SUCTION AND LIQUID PIPING
-----	NEW MIXED GAS PIPING
-----	NEW CARBON DIOXIDE PIPING
-----	NEW LIQUID NITROGEN PIPING
-----	FULL PORT BALL VALVE (LEAD-FREE)
-----	CIRCUIT-SETTER TYPE MANUAL BALANCING VALVE
-----	GAS COCK
-----	SHUTOFF VALVE IN DROP
-----	UNION
-----	CHECK VALVE
-----	TYPICAL FINISHED GRADE CLEANOUT
-----	PRESSURE REDUCING VALVE
-----	THERMOMETER WITH WELL
-----	PRESSURE GAUGE AND COCK
-----	HOSE BIBB
-----	WALL CLEANOUT
-----	BACKFLOW PREVENTER
-----	FLOOR DRAIN
-----	HOT WATER
-----	COLD WATER
-----	WASTE
-----	VENT
-----	ABOVE CEILING
-----	BELOW SLAB
-----	BELOW FLOOR
-----	ABOVE FINISHED GRADE
-----	BELOW FINISH GRADE
-----	IN WALL
-----	DOWN
-----	FINISH FLOOR CLEANOUT
-----	FINISH GRADE CLEANOUT
-----	VENT THRU ROOF
-----	ABOVE FINISHED FLOOR
-----	CLEANOUT
-----	ROOF DRAIN
-----	TRAP PRIMER BELOW SLAB/FLOOR
-----	1 HOUR FIRE RATED PARTITION (VERIFY WITH ARCHITECTURAL DRAWINGS)

**GENERAL PLUMBING NOTES:**

- PROVIDE AND INSTALL ALL PLUMBING PIPING, FIXTURES, TRIM, AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND FUNCTIONAL PLUMBING SYSTEM. CONTRACTOR SHALL VERIFY WITH ARCHITECT AND DRAWINGS WHICH PLUMBING INSTALLATIONS ARE DESIGNATED FOR ADA ACCESSIBILITY. ALL SUCH FIXTURE INSTALLATIONS SHALL INCLUDE ALL INSTALLATION ACCESSORIES, MOUNTING/UP HEIGHT, CONTROLS, OFFSET, SIZE AND ACCESSIBILITY AS REQUIRED BY LATEST EDITION OF AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL GOVERNING AUTHORITIES.
- ALL PLUMBING VENTS, WHERE NOTED VENT UP (V. UP), SHALL BE COMBINED WITHIN WALL OR ABOVE CEILING CONCEALED AREAS, WHERE FEASIBLE, SO AS TO MINIMIZE ROOF PENETRATIONS. CONTRACTOR SHALL COORDINATE LOCATION OF ROOF PLUMBING AND FLUE VENTS SUCH THAT ALL VENTS ARE MINIMUM 25 FEET FROM ANY VENTILATION INTAKE DEVICES. ALL ROOF PENETRATIONS, VENTS, FLUES, ETC. SHALL BE MADE ON BACK SIDE OF ROOF AS CAN BE COORDINATED WITH ARCHITECT. ALL FLUES AND VENTS EXPOSED ABOVE ROOF SHALL BE FIELD PAINTED COLOR BY ARCHITECT.
- ALL DRAINAGE, VENT AND WATER PIPING SHALL BE CONCEALED INSIDE WALLS AND PIPE CHASERS OR ABOVE CEILING, EXCEPT AS OTHERWISE NOTED AND AT APPROPRIATE EQUIPMENT FLOOR CONNECTIONS. HOLD ALL PIPING ABOVE CEILING AS HIGH AS POSSIBLE AND COORDINATE WITH OTHER CRAFTS.
- COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC. TO AVOID INTERFERENCES WITH STRUCTURAL MEMBERS, EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC.
- VERIFY COORDINATE PIPE SIZES AND CONNECTIONS WITH "PLUMBING FIXTURE ROUGH-IN SCHEDULE" FOR WASTE, VENT AND WATER PIPING. ROUGH-IN SIZES NOT CLEARLY SHOWN ON PLANS OR IN RISER DIAGRAMS, ETC. CONTACT PROFESSIONAL SHOULD QUESTIONS OR CONFLICTS ARISE. PROVIDE AND INSTALL ROUGH-IN, FINAL CONNECTIONS AND INSTALLATION APPURTENANCES AS REQUIRED BY APPLIANCE AND/OR EQUIPMENT MANUFACTURERS FOR DISHWASHERS, ICE MAKERS, AND MACHINES, WASHERS, DRYERS, ETC. VERIFY LOCATION ON ARCHITECTURAL DRAWINGS AND CONNECTION REQUIREMENTS FROM APPROVED BROCHURES OF THE EQUIPMENT AND/OR APPLIANCES MANUFACTURER.
- COORDINATE SLOPE OF ALL DRAINAGE AND VENT PIPING BELOW GRADE AT INVERT ELEVATIONS INDICATED. CONSISTENTLY SLOPE ALL OTHER PIPING. NOT INDICATED, AS REQUIRED BY PLUMBING CODE APPLICABLE TO THIS PROJECT BUT IN NO CASE LESS THAN 1%.
- ALL VERTICAL RISERS TO FLOOR DRAINS AND FLOOR MOUNTED SINKS SHALL BE MAXIMUM 18" LONG.
- ALL ABOVE GRADE HORIZONTAL DRAINAGE AND VENT PIPING ROUTING SHALL BE COORDINATED WITH OTHER CRAFTS AND STRUCTURAL/ARCHITECTURAL DRAWINGS. CONSISTENTLY SLOPE ALL PIPING NOT INDICATED WITH ELEVATIONS, AS REQUIRED BY PLUMBING CODE APPLICABLE TO THIS PROJECT BUT IN NO CASE LESS THAN 1%.
- WHEN SLEEVES, PIPES, CONDUITS, ETC. PENETRATE GRADE BEAMS OR THE BEAMS THE CONTRACTOR SHALL INCREASE THE DEPTH OF THE PENETRATED BEAM BY NO LESS THAN TWICE THE DIAMETER OF THE PENETRATION FOR A DISTANCE OF 4'-0" CENTERED ON THE PENETRATION, WHERE THE PENETRATION INTERRUPTS REINFORCING STEEL. AN EQUAL NUMBER OF LIKE SIZE REINFORCING BARS SHALL BE BENT UNDER THE PENETRATION AND LAP SPICED TO BAR DIAMETERS ON EACH SIDE. CONCRETE COVER REQUIREMENTS ON ALL SIDES SHALL BE THE SAME AS SHOWN FOR THE UN-COATED GRADE BEAM OR THE BEAM. SEE STRUCTURAL DRAWINGS FOR FURTHER SPECIFICS, ETC. PROVIDE NEW SCHEDULE 40 PVC PIPE SLEEVE MIN. TWO SIZES LARGER THAN CARRIER PIPE AT ALL SUCH CROSSINGS, TO EXTEND MIN. 6" PAST FOUNDATION ON BOTH ENDS. PROVIDE CAULK AND SEALANT IN ANNULAR SPACE OF SLEEVES AND WATER PROOF ON ALL BUILDING PERIMETER AND INTERIOR FOOTING AND GRADE BEAM APPLICATIONS.
- ALL CLEANOUTS IN SANITARY, STORM AND CONDENSATE DRAIN PIPING SHALL BE FULL PIPE SIZE UP TO 4" AND SHALL BE 4" SIZE ON 6" AND LARGER PIPING.
- ROUTE ALL HORIZONTAL INSULATED DOMESTIC WATER PIPING UNDER ATTIC INSULATION WHERE ATTIC INSULATION OCCURS.

**MISCELLANEOUS POWER CONNECTIONS SCHEDULE**

MARK	DESIGNATION	INTERACTION REQUIRED	POWER REQUIREMENTS	REMARKS
DIS.	DISPOSAL	ELECTRICAL	120v, 1ph (24 HP)	IN-SINK-DRAINER 3/4 HP (EVOLUTION COMPACT)

**PLUMBING FIXTURE SCHEDULE**

MARK	ADA REQ'D	DESCRIPTION	ROUGH-IN REQUIREMENTS				FLOOR MTD. CARRIER REQ'D
			WASTE	VENT	120°F HW	CW	
WC-1	YES	WATER CLOSET - FLOOR MOUNTED FLUSH VALVE	4"	2'-4"	-	1"	NO
L-1	YES	LAVATORY - OVAL COUNTER MOUNTED (UNDER-COUNTER)	2"	1'-1/2"	1/2"	1/2"	NO
S-1	NO	SINK - SINGLE COMPARTMENT, STAINLESS STEEL, SELF-RIMMING (BREAK ROOM)	2"	1'-1/2"	1/2"	1/2"	NO
S-2	NO	SINK - SINGLE COMPARTMENT, STAINLESS STEEL, SELF-RIMMING (EXAM HANDWASH)	2"	1'-1/2"	1/2"	1/2"	NO
S-3	NO	SINK - SINGLE COMPARTMENT, STAINLESS STEEL, SELF-RIMMING (CLEAN UTILITY)	2"	1'-1/2"	1/2"	1/2"	NO
S-4	NO	SINK - SINGLE COMPARTMENT, STAINLESS STEEL, SELF-RIMMING (ANALOGY - LABOR)	2"	1'-1/2"	1/2"	1/2"	NO
SS-1	NO	SERVICE SINK - FLOOR MOUNTED TERRAZZO CORNER TYPE	3"	1'-1/2"	1/2"	1/2"	NO
SH-1	NO	SHOWER FITTINGS AND DRAIN	2"	1'-1/2"	1/2"	1/2"	NO
EFY-1	YES	ELECTRIC DRINKING FOUNTAIN - WALL MOUNTED TYPE (DUAL HEIGHT)	2"	1'-1/2"	-	1/2"	YES
HB-1	NO	HOSE BIBB - NON-FREEZE TYPE IN LOCKING BOX	-	-	-	3/4"	NO
TP-1	NO	TRAP PRIMER - CONNECT TO FLUSH VALVE ASSEMBLY	-	-	-	1/2"	NO
TG-1	NO	TRAP GUARD	-	-	-	-	NO
IMB	NO	ICE MAKER WITH TYPE 'K' COPPER WATER LINE	-	-	-	1/2"	NO
DW	NO	DISHWASHER CONNECTIONS	1"	-	1/2"	-	NO
FD-1	NO	FLOOR DRAIN - GENERAL DRAINAGE IN TOILET, DIRTY LINEN AND TRASH AREAS	3"	1'-1/2"	-	-	NO
HD-1	NO	ROOF DRAIN (SEE PLAN FOR SIZE)	-	-	-	-	NO

**CIRCULATING PUMP SCHEDULE**

MARK	LOCATION	SYSTEM	CIRCULATING FLUIDS				ELECTRICAL DATA				BASIS OF DESIGN		
			FLUID	G.P.M.	PUMP HEAD FT. FLUID	TEMP. °F	SP. GR.	% EFF. TYPE	NOM. HP.	SERVICE		R.P.M.	
CP-01	WH-01	A	WATER	3	20	60-200	1	-	A	1/12	120v, 1ph	2850	BELL & GOSSETT MODEL PL-308

[1] SYSTEM A. DOMESTIC HOT WATER RECIRCULATING [2] TYPE A. INLINE - LOW LEAD BRONZE OR STAINLESS STEEL

COMPARABLE PRODUCTS: BELL AND GOSSETT, FRICO, TACO

**DOMESTIC WATER HEATER SCHEDULE**

MARK	FUEL	STORAGE CAP., GAL.	RECOVERY G.P.H. AT 60°F RESE	INPUT MBHR	ELECTRICAL SERVICE	BASIS OF DESIGN	NOTES
WH-01	N. GAS	50	138	76	120v, 1ph	AO SMITH MODEL BTR-80	1, 2, 3, 4

NOTES:  
 1. PROVIDE PIPING, VALVES AND ACCESSORIES PER DETAILS.  
 2. PROVIDE RECIRCULATING PUMP AND PIPING PER DETAIL.  
 3. PROVIDE WITH MANUFACTURER'S CONDENSATE VENT TERMINATION KIT.  
 4. PROVIDE WITH MANUFACTURER'S CONDENSATE NEUTRALIZATION KIT.

**MOTOR STARTER SCHEDULE**


SERVING	HP OF EACH LOAD	ELECTRICAL CHARACTERISTICS	BASIS OF DESIGN	NOTES [1]
CP-01	1/12	120v, 1ph	FRANKLIN CONTROLS MODEL BAS-1P	1, 2, 3

[1] NOTES:  
 1. COORDINATE CONTROL, CONTACTOR REQUIREMENTS WITH ENERGY MANAGEMENT SYSTEM (EMS) TO ACHIEVE SPECIFIED SEQUENCE OF OPERATIONS.  
 2. MOUNT STARTER WITHIN 10' OF EQUIPMENT SERVED. COORDINATE IN FIELD SPECIFIC LOCATION.  
 3. COMBINATION MOTOR STARTER DISCONNECT.

**DAMMON ENGINEERING, INC.**  
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NEW MEDICAL OFFICE  
**DIANA OAK HARBOR REAL ESTATE LLC**  
 540 OAK HARBOR BLVD  
 SUITE 100  
 SLUGGELL, LA 70469  
 JOB NO: 2513 DATE: 05-16-2025  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

SHEET TITLE:  
 PLUMBING SCHEDULES

DRAWING NUMBER:  
**202**