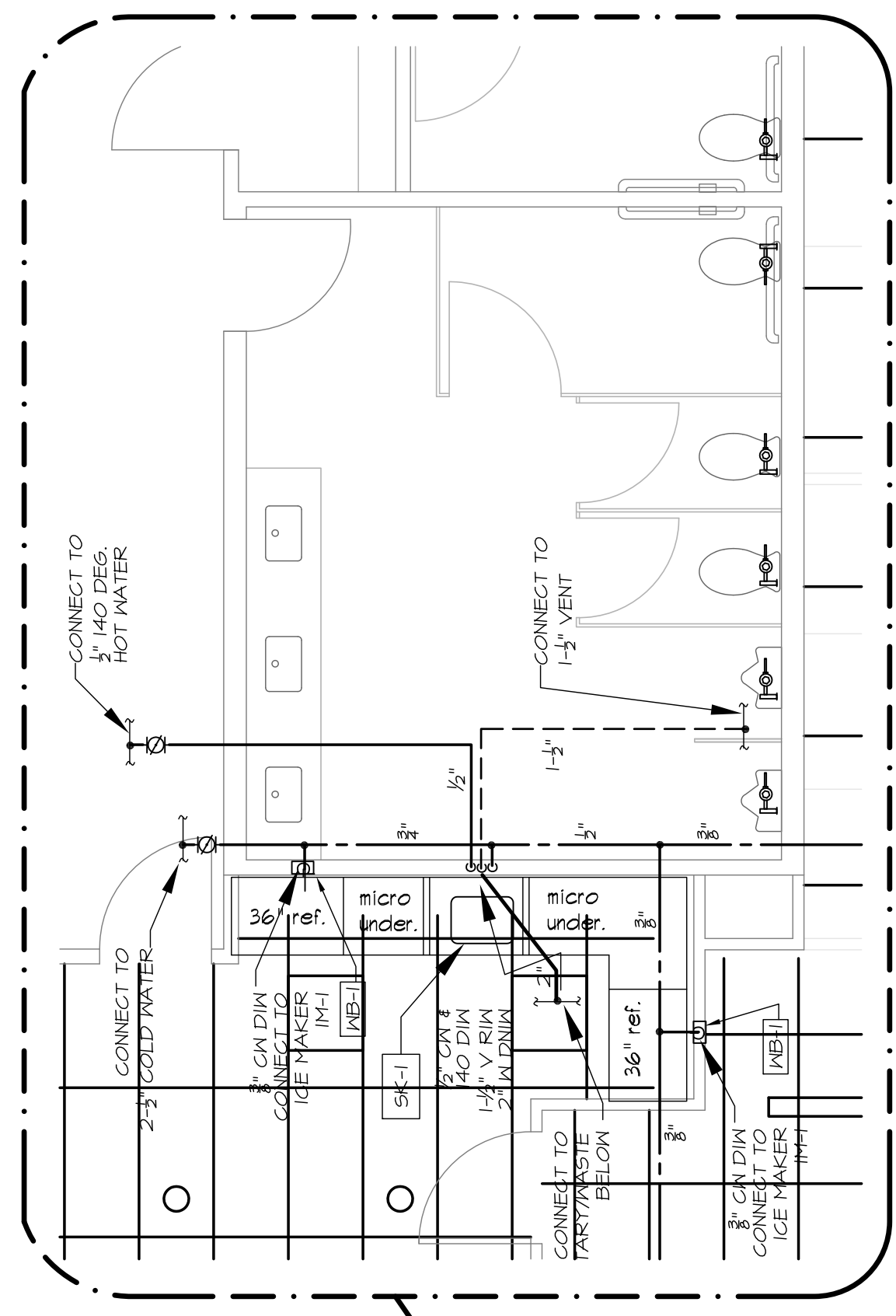


**EXPANDED VIEW**  
 SCALE: 1/4" = 1'-0"



**NOTE**  
 REFER TO DRUMMOND  
 PLUMBING DRAWINGS  
 FOR PIPING MAINS --  
 LOCATION AND SIZES

**ABBREVIATIONS, LINE TYPES & SYMBOLS**

AT	AMPS	ADA	AFF	ALT	BFP	BLV	CMV	CI	CONTR	GO	CONT	CU	CM	CHM	DAM	DES	DIV	DN	DNM	DNK	DO	DIB	EA	EG	FCO	FD	FFE	FT	GAL	GC	GPF	GRM	GV	HC	HM	HMR	IDM						
LAVATORY	LINEAR FEET	INDIRECT WASTE PIPING ABOVE SLAB	INDIRECT WASTE PIPING ABOVE SLAB	VENT PIPING ABOVE FLOOR	COLD WATER PIPING	TRAP PRIMER WATER PIPING	HOT WATER PIPING	BALL VALVE	CHECK VALVE	BACKFLOW PREVENTER	THERMOCOOLER	PRESSURE GAUGE	POUNDS PER SQUARE INCH	RISE AT WALL	RIGHT HAND	RISE IN WALL	REVOLUTIONS PER MINUTE	RUN UNDER COUNTER	RELIEF VALVE	SANITARY WASTE	SHOCK ABSORBER	SHOWER	SINK	STAINLESS STEEL	TRAP PRIMER	TYPICAL	LOADING UP & DOWN IN CHASE	UP IN CHASE	UP IN WALL	OPPOSITE OF DOWN	FLOOR DRAIN	VENT	VAGUUM BREAKER	VITREOUS CHINA	VERIFY IN FIELD	VENT THRU ROOF	WASTE	WITH	WATER CLOSET	MALL GLEANDIT	WARM SIDE OF INSULATION	HOT WATER RETURN	INDIRECT WASTE

**GENERAL NOTES**

- All work shall be in accordance with the Uniform Plumbing Code, state and local laws, codes and ordinances, National Fire Code (NFPA), or these plans or specifications, whichever is more strict.
- All drawings are schematic only and are intended to indicate the intent, extent, and general arrangement of work. They are not meant to show every fitting, change of direction or every situation. Verify locations in the field. Work indicated shall be furnished complete to perform the function intended.
- Coordinate the space requirements and location of piping with the other trade contractors.
- This contractor shall make all final plumbing connections to equipment/ fixtures provided by other contractors.
- All piping shall run concealed above ceilings, in walls, in soffits and in chases unless noted otherwise. Special care shall be taken when dropping 3" nominal waste pipe in 3-1/2" wall cavities to ensure correct fit and alignment.
- No structural members shall be cut or cut without approval of the Structural Consultant.
- All plumbing shall be supported from the building structure. All piping drops to fixtures shall be anchored solid to walls with a steel support bracket with adjustable clip.
- All water piping shall be installed parallel to building lines and pitched to low points. Provide drop-offs at low points. Piping shall be run neatly grouped together. Also group with heating piping when practical.
- All piping through roofs, masonry walls and partitions shall have steel pipe sleeves. Openings between pipes and sleeves shall be caulked and sealed smoke and water tight. All pipe penetrations shall be fire rated and fire stoppered. Fire stoppers shall have a U.L. listed fire stopping system rated to match the rating of the wall, as per the NFPA.
- All wall fixtures shall be carrier mounted unless otherwise specified.
- Run all piping on warm side of building insulation. No water or waste lines shall be run in exterior walls, unless directly indicated.
- Provide shock absorbers (water hammer arresters) where shown on drawings and at the top of the riser on individual units feeding dish washers.
- All sanitary waste piping 2" and less shall pitch down at 1/4" per L.F. All 4" and larger piping shall pitch at 1/4" per L.F. whenever possible.

**PLUMBING FIXTURE SCHEDULE**

TAG	FIXTURE	COLD WATER	HOT WATER	SAW/ WASTE	VENT	SPECIFICATION AND REMARKS
CMH	COFFEE MAKER	3/8"				FURNISHED BY OWNER. PROVIDE WATER SUPPLY BOX, 1/4" VALVE AND FLEXIBLE CONNECTION TO APPLIANCE
IMH	ICE MAKER	3/8"				FURNISHED BY OWNER. PROVIDE WATER SUPPLY BOX, 1/4" VALVE, FILTER AND FLEXIBLE CONNECTION TO APPLIANCE
SK-1	SINK SINGLE BOWL, KITCHEN CENTER MID	1/2"	1/2"	1 1/2" x 2"	1-1/2"	SINK BOWL SINK IS 6A, 6S, 20" x 20" x 6-1/2" DEEP BOWL, BASKET DRAIN, DECK MOUNTED SINGLE HANDLE KITCHEN FAUCET, IN SIDE SPRAY, CHROME CHROME WHEEL HANDLE SUPPLIES, ADA



**PLUMBING PLAN - FIFTH FLOOR**  
 SCALE: 1/8" = 1'-0"