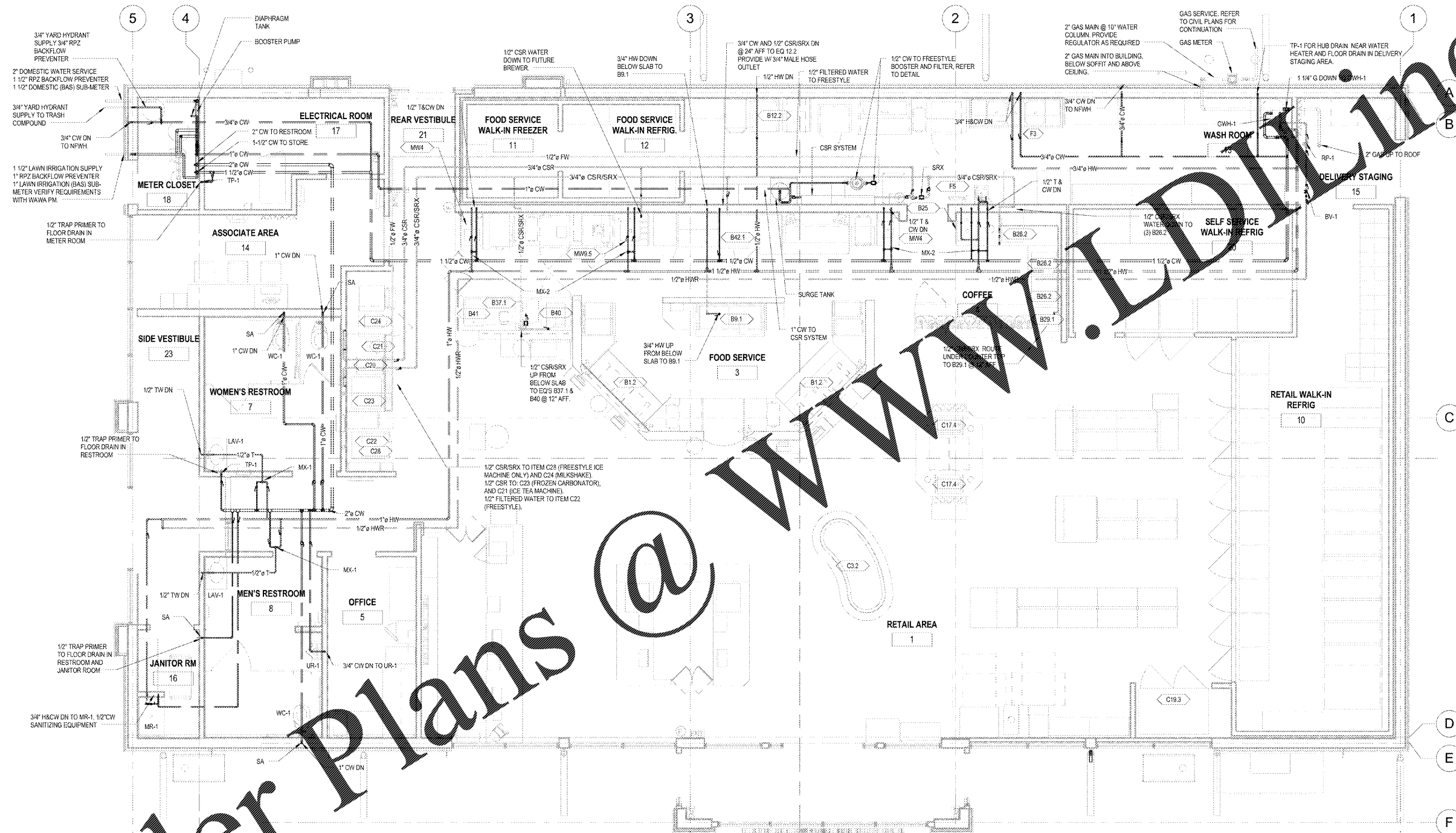


Order Plans



1 WATER PIPING PLAN
1/4" = 1'-0"

BUILDING AUTOMATION SYSTEM (BAS) NOTES

- PLUMBING CONTRACTOR SHALL REVIEW THE BAS DRAWINGS FOR ADDITIONAL INFORMATION.
- CSR WATER FILTRATION SYSTEM SHALL BE MONITORED BY THE BAS TO MEASURE WATER PRESSURE.
 - PRESSURE SENSOR AND PRESSURE GAUGE SHALL BE LOCATED AS SHOWN ON THE WATER SERVICE RISER DIAGRAM AND CSR SYSTEM ELEVATION.
 - PRESSURE GAUGE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR.
 - PRESSURE SENSOR SHALL BE FURNISHED BY THE BAS CONTRACTOR.
 - PRESSURE SENSOR SHALL BE INSTALLED BY THE PLUMBING CONTRACTOR.
 - PRESSURE SENSOR CONTROL WIRING SHALL BE PROVIDED BY THE BAS CONTRACTOR.

DOMESTIC WATER SUB-METERING

- PLUMBING CONTRACTOR SHALL PROVIDE SUB-METERS ON THE DOMESTIC WATER SERVICE AND IRRIGATION WATER SERVICE AS INDICATED ON THE RISER DIAGRAM.
- DOMESTIC WATER MAIN SUB-METER (1 1/2") SHALL BE "MASTER METER" MODEL MU10-1CH-AAA-2, MONITORED BY THE BAS SYSTEM, CONFIGURED FOR 1 PULSE PER 10 GALLON.
- LAWN IRRIGATION WATER MAIN SUB-METER (1") SHALL BE "MASTER METER" MODEL MU5-1CH-AAA-2, MONITORED BY THE BAS SYSTEM, CONFIGURED FOR 1 PULSE PER GALLON.

DOMESTIC WATER PIPING

- DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS, INSIDE THE BUILDING, SHALL BE "FLO-GUARD COLD" CPVC. PLUMBING CONTRACTOR SHALL PROVIDE ALL VALVES, FITTINGS, AND TRANSITIONS AS REQUIRED.
- PIPING SUPPORTS SHALL BE PROVIDED IN STRICT ACCORDANCE WITH APPLICABLE E-CODES AND MANUFACTURERS' REQUIREMENTS.
- PER MANUFACTURERS' REQUIREMENTS, CPVC WATER PIPING IN UNCONDITIONED INTERIOR SPACES IS NOT REQUIRED TO BE INSULATED.
- ALL HOT AND COLD WATER PIPING LOCATED IN EXTERIOR WALLS SHALL BE INSULATED. ALL HOT WATER RETURN NEEDS TO BE INSULATED.
- ALL SHUT-OFF VALVE HANDLES SHALL MATCH IN COLOR, UNLESS THE HANDLE COLORS ARE CONSISTENT WITH THE SERVICE. IF USING DIFFERENT COLORED HANDLES, USE BLUE HANDLES FOR COLD WATER AND RED HANDLES FOR HOT WATER.
- USE PEX PIPING FOR ALL WATER LINES UNDER SLAB.

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PLUMBING WATER PLAN

No.	Description	Date
1	PERMIT SET	05/11/2018
2	PRE-BID REVIEW SET	01/09/2019
3	BID SET	01/29/2019

PROJECT NO.	27057
DATE	05-11-18
DRAWN	JJ
CHECKED	JJ/DJFK