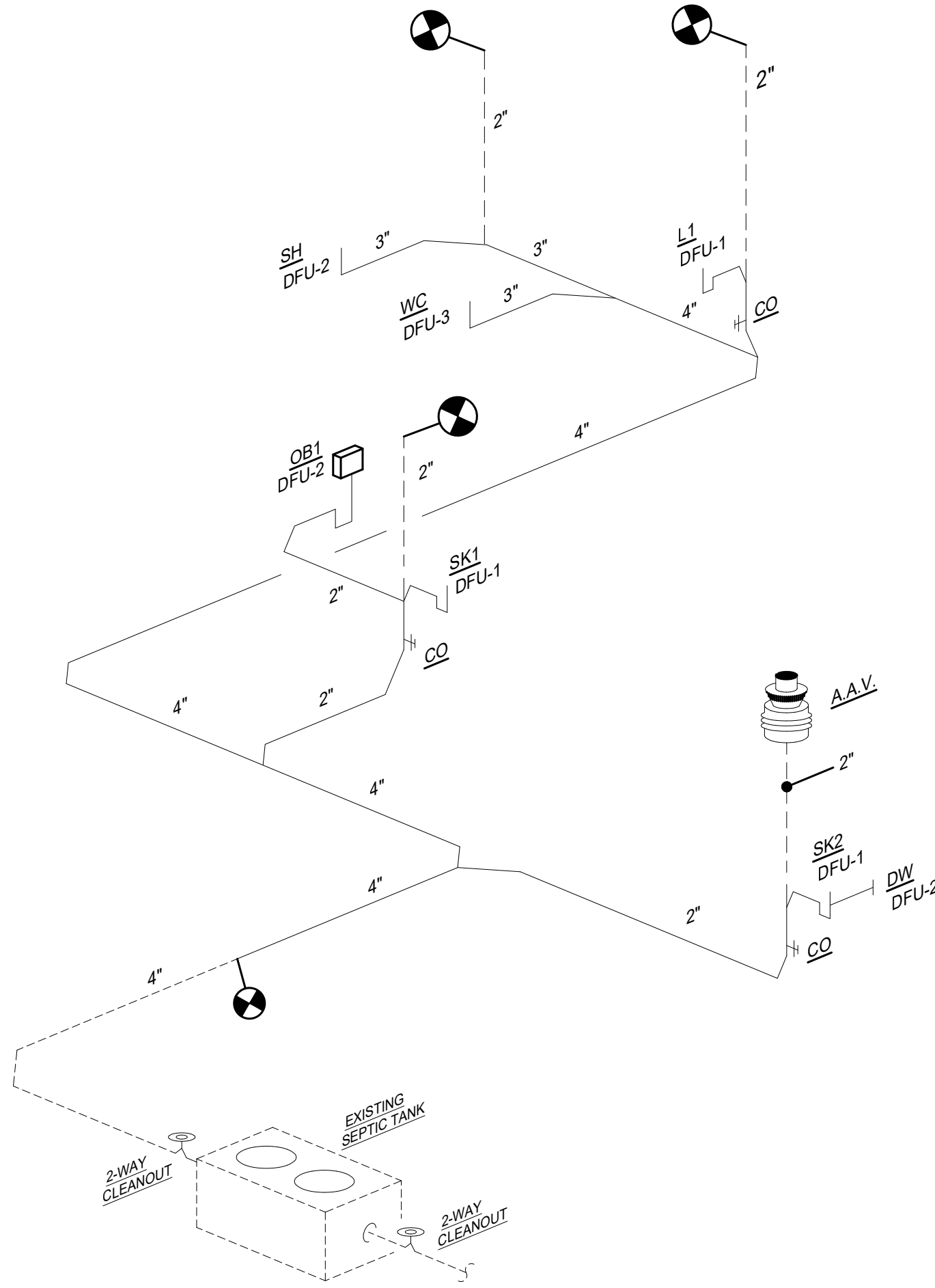
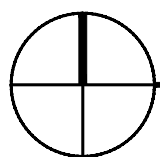


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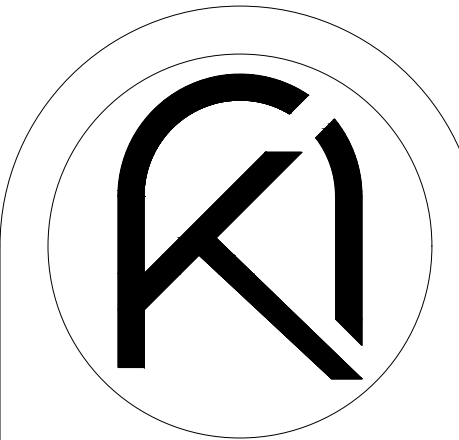


 **SANITARY ISOMETRIC (EXISTING HOUSE)**
SCALE: N.T.S.

Project Name:		Mazzini & Meline							
FIXTURE UNIT TABULATION				DOMESTIC WTR. S.F.U.'S			SANITARY F. U.		
FIXTURE	OCCUPANCY	SUPPLY CONTROL	NO. OF FIXTURES	FIXTURE UNIT VALUES			TOTAL F.U.	FIXTURE UNIT VALUES	TOTAL
				CW	HW	TOTAL			
Bathroom Group	Private	Flush tank	0	2.7	1.5	3.6	0	5	0
Bathroom Group	Private	Flush valve	0	6.0	3.0	8.0	0	5	0
Bathtub	Private	Faucet	1	1.0	1.0	1.4	1.4	2	2
Whirlpool	Private	Faucet	0	3.0	3.0	4.0	0	2	0
Bidet	Private	Faucet	0	1.5	1.5	2.0	0	2	0
Combination Fixture	Private	Faucet	0	2.3	2.3	3.0	0	2	0
Dishwashing Machine	Private	Automatic	0		2.8	1.4	0	2	0
Drinking Fountain	Office, etc.	3/8" valve	0	0.3		0.3	0	0.5	0
Kitchen Sink	Private	Faucet	2	1.8	1.0	1.4	2.8	2	4
Kitchen Sink	Hotel, restaurant	Faucet	0	3.0	3.0	4.0	0	2	0
Laundry trays (1 to 3)	Private	Faucet	0	1.0	1.0	1.4	0	2	0
Lavatory	Private	Faucet	3	0.8	0.5	0.7	2.1	1	3
Lavatory / Sink	Public	Faucet	0	1.5	1.5	2.0	0	1	0
Service Sink	Office, etc.	Faucet	0	2.3	2.3	3.0	0	2	0
Shower head	Public	Mixing Valve	0	3.0	3.0	4.0	0	2	0
Shower head	Private	Mixing Valve	2	2.5	1.0	1.4	2.8	2	4
Urinal	Public	1" flush valve	0	10.0		10.0	0	4	0
Urinal	Private	3/4" flush valve	0	5.0		5.0	0	2	0
Hose Bibb	Public	3/4" Valve	2	3.0		3.0	6	2	4
Washing machine (8 lbs.)	Private	Automatic	0	1.5	1.5	3.0	0	2	0
Washing machine (8 lbs.)	Public	Automatic	1	2.3	2.3	3.0	3	2	2
Washing machine (15 lbs.)	Public	Automatic	0	3.0	3.0	4.0	0	3	0
Water closet	Private	Flush valve	0	6.0		6.0	0	4	0
Water closet	Private	Flush tank	3	1.6		2.2	6.6	3	9
Water closet	Public	Flush valve	0	10.0		10.0	0	6	0
Water closet	Public	Flush tank	0	5.0		5.0	0	4	0
Water closet	Public or private	Flushometer tank	0	2.0		2.0	0	4	0
Floor Drain	-	-	0				0	2	0
FIXTURE UNIT TOTAL'S				CW SFUS 25	HW SFUS 9		TOTAL SFUS 25	TOTAL DRAINAGE FIXTURE UNITS	28
GPM TOTAL'S				CW GPM 21	HW GPM 13		TOTAL GPM 21	BUILDING SEWER SIZE	4"
WATER PIPE SIZES (8 FPS VELOCITY MAX.)				CW SIZE 1-1/4"	HW SIZE 1"		BLDG. SIZE 1-1/4"		

TABLE P2903.1 REQUIRED CAPACITIES AT POINT OF OUTLET DISCHARGE		
FIXTURE SUPPLY OUTLET SERVING	FLOW RATE (gpm)	FLOW PRESSURE (psi)
Bathtub, balanced-pressure, thermostatic or combination balanced-pressure/thermostatic mixing valve	4	20
Bidet, thermostatic mixing valve	2	20
Dishwasher	2.75	8
Laundry tray	4	8
Lavatory	0.8	8
Shower, balanced-pressure, thermostatic or combination balanced-pressure/thermostatic mixing valve	2.5 ^a	20
Silcock, hose bibb	5	8
Sink	1.75	8
Water closet, flushometer tank	1.6	20
Water closet, tank, close coupled	3	20
Water closet, tank, one-piece	6	20

For SI: 1 pound per square inch = 6.895 kPa, 1 gallon per minute = 3.785 L/m.



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ADDITION & RESTORATION FOR:

MAZZINI & MELINE
RESIDENCE

10300 SW 70TH AVE.,
MIAMI, FL 33156



Digitally signed by
Edgardo J. Betancourt
Santiago
Date: 2023.08.24
16:08:39-04'00'



DRAWN BY
DATE 04.03.23 PROJECT
CHECKED BY 22-84

REVISIONS

SANITARY
ISOMETRICS AND
CALCULATIONS

CONSTRUCTION DOCUMENTS