									PI
SYSTEM									
NOTES: 1. FOR REQUIRED PRESSURE RATINGS SEE RISER DIAGRAM. 2. INSTALL IN TRENCH OR SPLIT TILE CONDUIT. 3. ALL MATERIALS SELECTED ON THIS SCHEDULE MUST BE APPROVED BY THE LOCAL AUTHORITIES.	REQUIRED	CAST IRON SOIL PIPE	T IRON	DUCTILE IRON	STEEL SCHED 10	STEEL SCHED 30	STEEL SCHED 40	TYPE "K" OR "L" MEDICAL GAS TUBE	TYPE"L"COPPER TUBING
DRAINAGE BURIED									
VENTS BURIED									
HOUSE DRAINS - INSIDE OF BLDG. WALL									
HOUSE SEWERS - OUTSIDE OF BLDG. WALL									
SANITARY STACKS									
SANITARY BRANCHES	_								
LEADERS & STORM DRAINAGE SYSTEM	_								
VENTS	_								
FIXTURE CONNECTIONS-WATER							-		
C.W 4" & SMALLER		<u> </u>							
C.W. – 5" & LARGER	_				-				
C.W. – BURIED BUILDING SERVICE	_								
C.W. – BURIED INSIDE BUILDING									

	WATER	FILTER S	CHEDULE				WALL	. HYDRANT	SCHEDULE	
DESIGNATION	LOCATION	DIM LENGTH	ENSIONS WIDTH	MANUFACTURER & MODEL NO.	NOTES	DESIGNATION	LOCATION	MANUFAC & MODEL		NOTES
WF-1	PLUMBING ROOM	29"	15"	TEKLEEN MTF3-L-SKID	PLACE ON 4" HIGH CONCRETE PAD	AFWH	SEE PLANS	ZURN	Z1320XL	COORDINATE LOCATIONS WITH ARCHITECT

			DON	IESTIC	C WATER
HTR. MANUF. ABBREV.			TA DA	NK TA	
DESIGNATION	NO. REQUIRED	MANUFACTURER & MODEL NO.	STORAGE CAP., GALS.	PRESSURE RATING	RECOVERY IN GAL./HR.
899-DWH-1-01	1	AO SMITH DEN120	120		68
899-DWH-1-02	1	AO SMITH DVE200	200		123
POINT OF USE TYPE WITHOUT	STOR	IPMENT SHALL BE EQUIPPED WITH AGE, EACH DOMESTIC WATER SYS HERMAL EXPANSION OF THE WATE	TEM SH	HALL I	BE EQUIPPE

 		UN	1B		IG	N		ΤΕ	ER		S	C C	H[EC)U	LE	 									 		 											
 TYPE 'W. COPPER: NUBING RED BRASS PIPE BLACK BLACK CALTURED CALUTURED CALTURED																		FIT	TIN	IGS						 						(JOII	NT:	S			 	
			DWV COPPER DRAINAGE	BLACK	GALVANIZED	CEMENT LINED	COATED		ATURAL POLYPROPYLEN	ANN ANN	AJJJ		CASI IKUN NU-	C.I.HUB & SPIGUI	-	MALLEABLE IRON	 CAST BRONZE		CLASS D	LINED	BLACK	GALVANIZED	VICTAULIC	DUCTILE IRON	WELDED	ATURAL POLYPROPYL	ASS	C.I.HUB & SPIGOT		CALLERS BINUNZ		SOLDERED	WELDED		MECH.JOINT-GASI	MECH.JOINT-FLANGE	JANIZE	L	EXIBLE C
																								•)			
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					_														
ER HEATERS / BOILERS									DOMES	STIC НОТ	WATE	R REC		TION PL	JMP S	SCHEDI	ULE		
CH VAL. VAL. NG COIL IN PSIG COIL IN PSIG TEAM PRESS.DROP TEAM PRESS.DROP TEAM PRESS.DROP VALVE TYPE VALVE TYPE	LEC. COIL LEMENT DATA	IN CFH	I IN BIU/ HK. IESTIC HW TEMP. OUT	NOTES		PUMP_CO ABBREV. BELL & GOSSETT B&G • DESIGNATION RECIRCULATION_PUMPS	C.P.M. 5 2 22	Н. С. 20 FC	ODEL NO.		I END SUCTION I VERT. CWSR COUPLED		а. Ш З/4			CYCLE	 STARTING STEPS AUTO CONTROL 	PILOT LIGHT PRESSURE CALLOF DANOF	
TO E/ STEAN ENTEI HEATI MAX. STEAN STEAN	VOLTS	GAS F INPUT	DOMES		-														
1	12 480 3 30 480 3 480 3 480 480		110 140			<u>JTE:</u> All Recirculation pumps to be "All	BRONZE" IN L	.INE)											

								F	LU	MBI	NG	VA	4LV	E S	SCH	IED	UL	E											
									VAL	.VE S	PECI	FICAT	<u>FION</u>										PL	UMB	ING S	SYSTI	EM		
TYPE	FIG. NO.: MILWAUKEE * NORDSTROM	REQUIRED	SIZE	FLANGED	SCREWED	SOLDER	LEAD-FREE	0.S.&Y.	N.R.S.	R.S.	FULL PORT	STANDARD PORT	BRONZE	I.B.B.M.	ALL IRON	200# WWP	250# WWP	300# WWP	500# WWP	600# WWP	SUMP DISCH.	EJECTOR DISCH.	NATURAL GAS	C.W. SERVICE	C.W. 2-1/2" & UP	C.W. 2" & UNDER	NON POTABLE 2" & UNDER	& HWC	HW & HWC 2" & UNDER
САТЕ	F-2885A		3" - 12"																										
GATE VALVES	F-2882A		3" - 12"																										
	F-2894A		3" - 12"																										
	BA-400		3/8" - 2 1/2"																										
	UPBA400		3/8" - 2 1/2"																										
	BA450		3/8" - 2 1/2"																										
BALL	UPBA450		3/8" - 2 1/2"																	•									
VALVES	BA-100		3/8" - 2 1/2"																										
	UPBA100		3/8" - 2 1/2"																	•									
	BA150		3/8" - 2 1/2"																										
	UPBA150		3/8" - 2 1/2"																										
	509T		3/8" - 2"																										
	UP509		3/8" - 2"																									\square	
CHECK VALVES	1509T		3/8" - 3"																										
	UP1509		3/8" - 3"																										
	F-2974A		2-1/2" - 12"													•													
	502		3/8" - 2"										•			•													
	UP502		3/8" - 2"													•													
	1502		3/8" - 2"			•												•											
VALVES	UP1502		3/8" - 2"															•										+	
	595T		3/8" - 2"																										
	F-2981A		2-1/2" - 10"																										
	F-2983-M		2-1/2" - 6"																•										
PLUG VALVES	142*		3/4" - 2"													•							•						
VHLVES	143*		2-1/2" - 10"																				•						

NDTES:

1. THIS VALVE SCHEDULE IS BASED ON MILWAUKEE VALVES; OTHER MANUFACTURERS AS INDICATED 2. ALL VALVES USED FOR DOMESTIC WATER 2" OR SMALLER SHALL COMPLY WITH THE LEAD FREE REQUIREMENTS



	CONTROL CENTER	EMERGENCY POWER		LOCAT	101	<u>1</u>		
0	_	_	PLUMBING	ROOM	38	WATER	HEATER	ROOM

REGENERON REAL ESTATE & Facilities management

777 Old Saw Mill River Road Tarrytown, NY 10591-6707 T: 914.847.7400 F: 914.847.7991 www.regeneron.com

Building #17 Campus Expansion Child Day-care Center

777 Old Saw Mill River Road Mount Pleasant, NY 10591 Project No. B17-DAYCARE _____

Architect **Gensler** 1700 Broadway, Suite 400 New York, NY 10019 (212) 492-1400 Phone (212) 492-1472 Fax Structural Engineer

Thornton Tomasetti 120 Broadway, 15th Floor New York, NY 10271 (917) 661-7800 Phone (917) 661-7801 Fax

MEP / IT / Security Engineer

Cosentini Associates 498 Seventh Avenue New York, NY 10018 (212) 615-3600 Phone (212) 615-3700 Fax

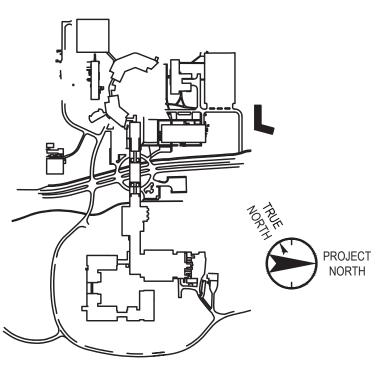
Civil Engineer

JMC 120 Bedford Road Armonk, NY 10504 (914) 273-5225 Phone (914) 273-2102 Fax

Landscape Architect

Langan 21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 (212) 479-5400 Phone (212) 479-5444 Fax





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Professional Seal and Signature

Vendor Name: COSENTINI Vendor Project No.:151-210104 Discipline: PLUMBING Drawn By: DH PLUMBING SCHEDULES

Floor: N/A

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