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Building #17
Campus Expansion Child
Day-care Center

899 Old Saw Mill River Road
Mount Pleasant, NY 10591

Project No. B17-DAYCARE

Architect

Gensler

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Structural Engineer

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MEP / IT / Security Engineer

Cosentini Associates
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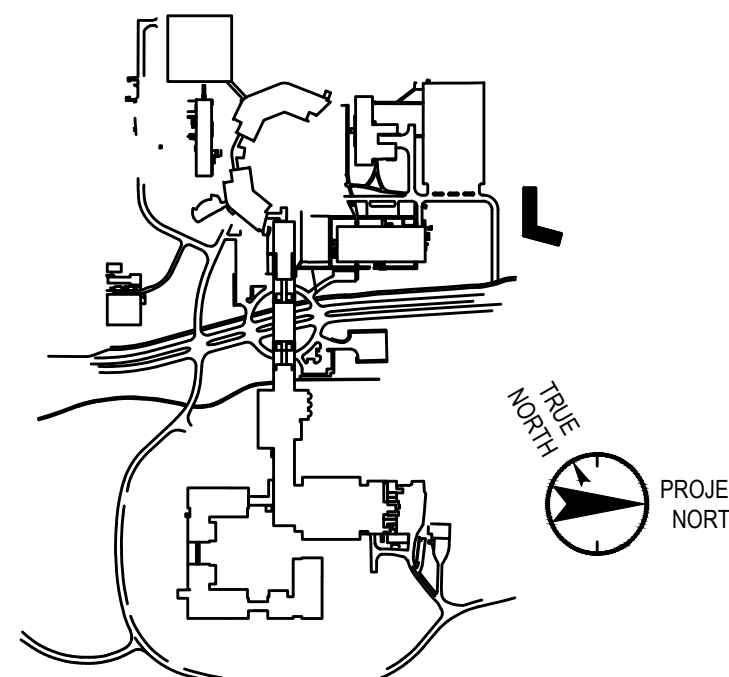
Civil Engineer

JMC
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Landscape Architect

Langan
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Key Plan



No. Date Description

0 05.20.2022 ISSUED FOR PERMIT
1 06.20.2022 100% CONSTRUCTION DOCUMENTS
2 07.01.2022 100% CONSTRUCTION DOCUMENTS-1

Plot Date: 07.01.2022

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Professional Seal and Signature

Vendor Name: COSENTINI

Vendor Project No.: 210104

Discipline: Plumbing Drawn By: DH

PLUMBING
SCHEDULES

Scale: NTS

Flow: N/A

P-600

PLUMBING VALVE SCHEDULE																														
TYPE		VALVE SPECIFICATION																			PLUMBING SYSTEM									
		FIG. NO.: MILWAUKEE * INDOOR/ROOM	REQUIRED	SIZE	FLANGED	SCREWED	SOLDER	LEAD-FREE	O.S.&Y.	N.A.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" & UNDER	NON ROTABLE 2" & UNDER	HW & HWC 2"-1/2" & UP	HW & HWC 2" & UNDER	
GATE VALVES	F-2885A			3" - 12"	●																									
	F-2882A			3" - 12"	●																									
	F-2894A			3" - 12"	●				●		●				●		●													
BALL VALVES	BA-400			3/8" - 2 1/2"	●						●										●	●								
	UPBA400			3/8" - 2 1/2"	●						●										●	●								
	BA450			3/8" - 2 1/2"	●						●										●	●								
	UPBA450			3/8" - 2 1/2"	●						●										●	●								
	BA-100			3/8" - 2 1/2"	●						●										●	●								
	UPBA100			3/8" - 2 1/2"	●						●										●	●								
CHECK VALVES	BA150			3/8" - 2 1/2"	●						●										●	●								
	UPBA150			3/8" - 2 1/2"	●						●										●	●								
	509T			3/8" - 2"	●						●										●	●								
	UP509			3/8" - 2"	●						●										●	●								
	1509T			3/8" - 3"	●						●										●	●								
GLOBE VALVES	UP1509			3/8" - 3"	●						●										●	●								
	F-2974A			2-1/2" - 12"	●						●										●	●								
	502			3/8" - 2"	●						●										●	●								
	UP502			3/8" - 2"	●						●										●	●								
	1502			3/8" - 2"	●						●										●	●								
PLUG VALVES	UP1502			3/8" - 2"	●						●										●	●								
	595T			3/8" - 2"	●						●										●	●								
	F-2981A			2-1/2" - 12"	●						●										●	●								
	F-2983-M			2-1/2" - 6"	●						●										●	●								
PLUG VALVES	142M			3/4" - 2"	●						●										●	●								
	143M			2-1/2" - 12"	●						●										●	●								

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

DOMESTIC HOT WATER RECIRCULATION PUMP SCHEDULE																											
PUMP CO		ABBREV.																									
BELL & GOSSETT		B&G																									
● DESIGNATION				NO. REQUIRED	G.P.M.	T.D.H.	MODEL NO.	STAGES	END SUCTION	VERT. CWSR COUPLED	HORIZ.	WORKING PRESS.	H.P.	R.P.M.	VOLTS	PHASE	CYCLE	MANUAL CONTROL	STARTING STEPS	AUTO CONTROL	PILOT LIGHT	PRESSURE GAUGE	RANGE	CONTROL CENTER	EMERGENCY POWER	LOCATION	
RECIRCULATION PUMPS				2	25	20	ECOCIRC XL 55-45	1	-	-	●	-	3/4	3333	208	1	-	-	-	●	●	0-50	-	-	-	PLUMBING ROOM & WATER HEATER ROOM	

NOTE:
(ALL RECIRCULATION PUMPS TO BE "ALL BRONZE" IN LINE)

TRAP PRIMER CONTROLLER SCHEDULE			
DESIGNATION	LOCATION	MANUFACTURER & MODEL NO.	NOTES
TP-1	SEE PLANS	MIFAB MI-100-5	PROVIDE STAINLESS STEEL COVER

NOTE: SEE ARCHITECTURAL
DRAWING A-602 FOR PLUMBING
FIXTURE SCHEDULE

SYSTEM		PIPE																FITTINGS																JOINTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
<u>NOTES:</u> 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	CAST IRON WTR PIPE	DUCTILE IRON	STEEL SCHED 10	STEEL SCHED 30	STEEL SCHED 40	TYPE "K" OR "L" MEDICAL GAS TUBE	TYPE "L" COPPER TUBING	TYPE "K" COPPER TUBING	RED BRASS PIPE	DWV COPPER DRAINAGE	BLACK	GALVANIZED	CEMENT LINED	COATED	MILL WRAPPED	UNPIGMENTED NATURAL POLYPROPYLENE	ACID RESIST. C.I. - SILICONE	POLYPROPYLENE - FIRE RETARDANT	BOROSILICATE GLASS	304 STAINLESS STEEL CUT GROOVE	CAST IRON NO-HUB	C.I.HUB & SPIGOT	C.I.DRAINAGE PATTERN	CAST IRON	MALLEABLE IRON	EX.H.MALLEABLE IRON	CAST BRONZE	WROUGHT COPPER	CLASS D	LINED	BLACK	GALVANIZED	VICTAULIC	DUCTILE IRON	WELDED	MILL WRAPPED	UNPIGMENTED NATURAL POLYPROPYLENE	POLYPROPYLENE - DRAINAGE	BOROSILICATE GLASS	GROOVED	C.I.HUB & SPIGOT	THREADED	THREADEDLESS BRONZE	CAULKED	THREADED	SOLDERED	WELDED	BRAZED	MECH.JOINT-NO HUB	MECH.JOINT-GASKET	MECH.JOINT-FLANGED	VICTAULIC GALVANIZED	HEAT SOCKET FUSION	FUSION RESISTANCE WIRE	MECHANICAL JOINT	SS VICTAULIC FLEXIBLE COUPLING	475 & 775 AS REQUIRED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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NOTE: PLUMBING CONTRACTOR TO COORDINATE CONNECTIONS TO OUTGOING STORM AND SANITARY SEWERS INCLUDING ANY REQUIRED MATERIAL TRANSITIONAL FITTINGS WITH THE CIVIL ENGINEER

WATER FILTER SCHEDULE					
DESIGNATION	LOCATION	DIMENSIONS		MANUFACTURER & MODEL NO.	NOTES
		LENGTH	WIDTH		
WF-1	PLUMBING ROOM	29"	15"	TEKLEEN MTF3-L-SKID	PLACE ON 4" HIGH CONCRETE PAD

WALL HYDRANT SCHEDULE			
DESIGNATION	LOCATION	MANUFACTURER & MODEL NO.	NOTES
AFWH	SEE PLANS	ZURN Z1320XL	COORDINATE LOCATIONS WITH ARCHITECT

GREASE INTERCEPTOR SCHEDULE			
DESIGNATION	LOCATION	MANUFACTURER & MODEL NO.	NOTES
GI-1	WARMING KITCHEN 17-1-044	SCHIER GB2	CERTIFIED TO ASME A112.14.3

DOMESTIC WATER HEATERS / BOILERS																		
HTR. MANUF.	ABBREV.	NO. REQUIRED	MANUFACTURER & MODEL NO.	TANK DATA		RECOVERY IN GAL./HR.	STEAM DATA				ELEC. COIL ELEMENT DATA		GAS DATA		INPUT IN BTU/HR.	DOMESTIC HW TEMP. OUT	NOTES	
DESIGNATION				STORAGE CAP.,GALS.	PRESSURE RATING		TO EACH STEAM VAL. ENTERING HEATER COIL	PRESSURE OF EACH IN psig	MAX. STEAM PRESS.DROP THRU EACH VALVE, psig	STEAM VALVE TYPE	RATING IN K.W.	VOLTS	PHASE	GAS PRESS.,W.C.				INPUT IN CFH
899-DWH-1-01	1	AO SMITH DEN120	120		68					12	480	3				110	PLUMBING ROOM	
899-DWH-1-02	1	AO SMITH DVE200	200		123					30	480	3				140	WATER HEATER ROOM	