

FIXTURE AND EQUIPMENT CONNECTION SCHEDULE

DESIGNATION	DESCRIPTION	HOT WATER	COLD WATER	WASTE OR SANITARY	VENT	GPM/GPF	FIXTURE	FAUCET	REMARKS
WC-A	WATER CLOSET	--	1/2"	3"	1 1/2"	0.8	NIAGARA CONSERVATION "STEALTH"	--	WATER SENSE LISTED, ROUND TOILET
WC-B	WATER CLOSET-ADA	--	1/2"	3"	1 1/2"	0.8	NIAGARA CONSERVATION "STEALTH"	--	WATER SENSE LISTED, ELONGATED TOILET
LAV-A	LAVATORY	1/2"	1/2"	1 1/2"	1 1/4"	0.5	BY G.C.	MOEN 8413 F05	WATER SENSE LISTED
LAV-B	LAVATORY-ADA	1/2"	1/2"	1 1/2"	1 1/4"	0.5	BY G.C.	MOEN 8413 F05	WATER SENSE LISTED
SK-A	SINK	1/2"	1/2"	1 1/2"	1 1/4"	1.0	MOEN G201963	MOEN 8701	
SK-B	SINK-ADA	1/2"	1/2"	1 1/2"	1 1/4"	1.0	ELKAY LRAD-2521	MOEN 8701	
TUB-A	TUB	1/2"	1/2"	1 1/2"	1 1/4"	1.5	--	MOEN 8389-EP15	WATER SENSE LISTED
TUB-B	TUB-ADA	1/2"	1/2"	1 1/2"	1 1/4"	1.5	AQUATIC 2603SMTE	MOEN 8342 EP15	WATER SENSE LISTED

TEMPERATURE MIXING VALVE SCHEDULE

NO.	LOCATION	SERVICE	PRESSURE LOSS (PSI)	FLOW RATE (GPM)	ELECTRICAL	STANDARD	DESIGN MAKE	NOTES
TMV-B	MECH ROOM	DOMESTIC HOT	10	60	115V/1/60HZ	ASSE 1017	POWERS LFIS100	-

WATER HEATER SCHEDULE

NO.	SERVICE	GAS INPUT	GALLONS/HOUR RECOVERY	TEMP RISE DEG F	FUEL TYPE	GALLONS	DIA	HEIGHT	ELECTRIC	DESIGN MAKE
DHW-2	DOMESTIC	399,999	466	100	NAT. GAS	4	15 1/2"	42 1/2"	115/1/60	LOCHINVAR AWN400PM
DHW-3	DOMESTIC	399,999	466	100	NAT. GAS	4	15 1/2"	42 1/2"	115/1/60	LOCHINVAR AWN400PM

EXPANSION TANK SCHEDULE

NO.	LOCATION	DIAMETER	HEIGHT	TANK VOLUME	MAX ACCEPT VOLUME	DESIGN PRESSURE	DESIGN MAKE
XT-2	MECH ROOM	15	19	10.3	10.3	150	AMTROL ST-25V

PUMP SCHEDULE

NO.	LOCATION	SERVICE	GPM	HEAD FT WATER	MOTOR			TYPE	DESIGN MAKE
					HP	VOLTAGE	PHASE		
RP-2	MECH ROOM	140* DHW RECIRC	1	13	--	115	1	VARIABLE	INLINE GRUNDFOS MAGNA 3 40-180F
SP-1	MECH ROOM	SUMP	35	22	1/2	115	1	--	SUMP LIBERTY PUMPS 283

STORAGE TANK SCHEDULE

NO.	SERVICE	LINING	VOL. GAL.	HT. INCHES	DIA. INCHES	PRE-INSUL.	MANWAY	DESIGN MAKE
ST-1	DOMESTIC	GLASS	200	77 1/4"	32"	YES	NO	LOCHINVAR RJA200S

GAS LOAD - DESIGN BASIS

EQUIP. NO.	DESCRIPTION	QUANTITY	INPUT BTUH/UNIT	TOTAL BTUH	COMMENT
WH	DOMESTIC WATER HEATER	3	399,999	1,199,997	
B-1	BOILER	1	800,000	800,000	
B-2	BOILER	1	800,000	800,000	
B-3	BOILER	1	800,000	800,000	
TOTAL CONNECTED LOAD				3,599,997 BTUH	
				3,600 CFH - CONN. LOAD	



GENERAL NOTES:

- THESE NOTES ARE APPLICABLE TO THE FULL SET OF CONTRACT DOCUMENTS.
- EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE. THE LOCATIONS SHOWN MUST BE CONSIDERED APPROXIMATE. OTHER SUCH WORK MAY EXIST. HOWEVER, LOCATION AND SIZE ARE NOT PRESENTLY KNOWN. IT IS STRONGLY ENCOURAGED TO VISIT SITE PRIOR TO BID TO REVIEW EXISTING CONDITIONS AND CONFIRM SCOPE OF WORK.
- WHEN EXISTING CONSTRUCTION IS DAMAGED DURING WORK BY THIS CONTRACTOR, REPAIR AND/OR REPLACE WITH SIMILAR MATERIALS AS MUCH AS POSSIBLE, SUBJECT TO ARCHITECT'S APPROVAL.
- DISPOSE OF ALL DEMOLITION AND/OR OTHER WASTE MATERIALS CAUSED BY WORK OF THIS CONTRACTOR. LEGALLY DISPOSE ALL MATERIALS TO A LOCATION OFF SITE.
- COORDINATE AND SCHEDULE WORK AND SHUTDOWNS WITH THE OWNER AND OTHER TRADES PRIOR TO DEMOLITION.
- ALL EXISTING PIPING TO REMAIN SHALL BE RECONNECTED TO ACTIVE SERVICE PIPING.
- ALL PIPING TO BE REMOVED SHALL BE REMOVED BACK TO ACTIVE PIPING AND CAPPED. VALVE AND CAP ALL WATER PIPING. REMOVE ALL INACTIVE PIPING UNLESS NOTED.
- ALL PIPING TO BE REMOVED AND LOCATED WITHIN A WALL TO REMAIN MAY BE ABANDONED IN PLACE UNLESS NOTED. REMOVE PIPING BACK TO BEHIND THE FINISHED WALL SURFACE AND CAP.
- PATCH HOLES IN EXISTING CONSTRUCTION LEFT BY THE REMOVAL OF PIPING OR EQUIPMENT WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. MAINTAIN FIRE/SMOKE RATING.
- DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO: PIPING, VALVES, FIXTURES, EQUIPMENT, HANGERS, SUPPORTS, AND INSULATION EXCEPT ASBESTOS.
- REMOVE EXISTING CONSTRUCTION IN THE WAY OF NEW WORK. PROTECT BUILDING AND FURNISHINGS FROM DAMAGE.
- WHERE NEW WORK IS TO BE INSTALLED ABOVE AN EXISTING CEILING, PROVIDE FOR THE REMOVAL OF THE CEILING. UPON COMPLETION OF WORK, REPAIR ALL DAMAGED CEILING SURFACES, REPLACE ALL DAMAGED TILES.
- SLEEVE AND SEAL ALL WALL AND FLOOR PENETRATIONS. PROVIDE FIRESTOPPING FOR ALL PENETRATIONS.
- MAINTAIN SERVICE CLEARANCES OF ALL EQUIPMENT. ADVISE OTHER TRADES OF THE REQUIRED SERVICE CLEARANCES.
- PROVIDE FOR THE DRAINING AND REFILLING OF PIPING SYSTEMS, INCLUDING AIR REMOVAL, RESETTING OF FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE CAUSED BY SHUTDOWNS AND STARTUPS.
- REFER TO EQUIPMENT/ FIXTURE SCHEDULE FOR FINAL CONNECTION SIZES.
- PROVIDE CLEANOUTS AT THE BASE OF ALL STORM, SANITARY AND WASTE STACKS.
- PITCH 4" AND LARGER SANITARY AND WASTE PIPING AT 1/8" PER FOOT UNLESS OTHERWISE NOTED. FOR SANITARY AND WASTE PIPING 3" AND SMALLER PITCH AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.

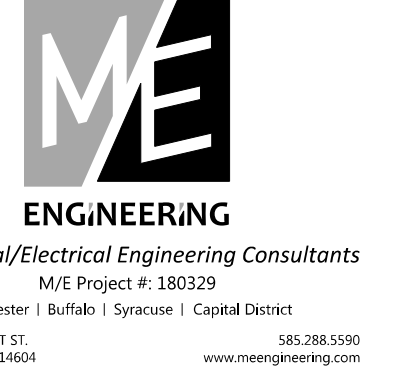
PLUMBING SYMBOL LIST

SYMBOL	DESCRIPTION
	EXISTING WORK TO BE REMOVED
	POINT OF CONNECTION
	POINT OF DISCONNECTION
NTS	NOT TO SCALE
(E)	EXISTING
(ETR)	EXISTING TO REMAIN
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
VTR	VENT THRU ROOF
GC	GENERAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
PC	PLUMBING CONTRACTOR
EC	ELECTRICAL CONTRACTOR
(E)	EXISTING PIPING
---	NEW PIPING LOCATED ABOVE FLOOR/SLAB
---	NEW PIPING LOCATED BELOW FLOOR/SLAB
---	COLD WATER PIPING (CW)
---	HOT WATER PIPING (HW)
---	HOT WATER RECIRCULATING PIPING (HWR)
---140---	140" HOT WATER PIPING (HW)
---140+---	140" HOT WATER RECIRCULATING PIPING (HWR)
---TW---	TEMPERED HOT WATER PIPING (TW)
---TWR---	TEMPERED HOT WATER RETURN PIPING (TWR)
---W---	WATER SERVICE - EXTERIOR
---SAN---	SANITARY SEWER PIPING
---IW---	INDIRECT WASTE PIPING (IW)
-----	VENT PIPING
---ST---	STORM WATER SEWER PIPING (ST)
---G---	NATURAL GAS PIPING (G)
--->---	ELBOW DOWN
---45°---	45° OFFSET
---O---	ELBOW UP
---&O---	BOTTOM/TEE CONNECTION
---T---	TOP TEE CONNECTION
---P---	"P" TRAP
---	PIPE CONTINUATION
---	CAP OR PLUG
---D---	DECK PLATE CLEANOUT (DPCO)
---W---	WALL PLATE CLEANOUT (WPCO)
---C---	CLEANOUT (CO)
---FD---	FLOOR DRAIN (FD) / FLOOR SINK (FS)
---H---	ROOF DRAIN
---WH---	WALL HYDRANT (WH) / HOSE BIBB (HB)
---	STRAINER
---M---	WATER METER
---	SHUT OFF VALVE
---	BALANCING VALVE
---	CHECK VALVE
---	PRESSURE REDUCING VALVE
---	RELIEF VALVE
---	PIPE ANCHOR
---	PIPE GUIDE
---	UNION
---	BACKFLOW PREVENTER (BFP)
---	SHOCK ABSORBER (SA)
---	RECIRCULATION PUMP
---	THERMOMETER
---	PRESSURE GAUGE
---	TRAP PRIMER (TP)



The Architectural Team, Inc.
 50 Commandant's Way at Admiral's Hill
 Chelsea MA 02150
 T 617.889.4402
 F 617.884.4329
 www.architecturalteam.com
 ©2011 The Architectural Team, Inc.

Consultant:



Revision:
 1 7/26/19 CONFORMANCE SET

Architect of Record:

Drawn: ZPS
 Checked: THK
 Scale: AS NOTED
 Key Plan:

Project Name:
SENCIT APARTMENTS

ARCTIC AVENUE
 ATLANTIC CITY, NJ

Sheet Name:
**SCHOOL HOUSE APTS.
 BUILDING A & B:
 GENERAL NOTES,
 SYMBOLS LIST, AND
 SCHEDULES - PLUMBING**

Project Number:
 18116

Issue Date:
 JUNE 26, 2019

Sheet Number:
P0.SAB.00