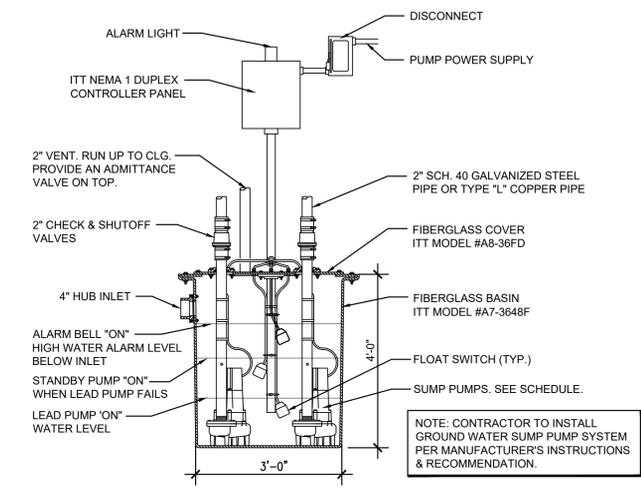


SUMP PUMP SCHEDULE										(GOULDS PUMP AS STANDARD)
TAG No.	LOCATION	GPM	HD (FT)	HP	RPM	ELECTRICAL DATA VOLT/PH/Hz	MODEL & MANUFACTURER		REMARKS	
SP-1, 2	OUTDOOR STORAGE 054	45	25	1/2	3450	115/1/60	3885 WE0511H	GOULDS PUMP	PROVIDE W/ 36"Ø x 48" DEEP FIBERGLASS BASIN W/ ANTO-FLOATATION COLLAR, NEMA 1 DUPLEX CONTROLLER & (3) A2-6 NON-MERCURY FLOATS & HIGH WATER ALARM CONTROLS. SEE DETAIL 1/P6.01 FOR ADD'L INFO.	
SP-3, 4	BASEMENT GYMNASIUM	60	25	3/4	3450	208/1/60	3885 WE0718H	GOULDS PUMP	PROVIDE W/ 36"Ø x 48" DEEP FIBERGLASS BASIN W/ ANTO-FLOATATION COLLAR, NEMA 1 DUPLEX CONTROLLER & (3) A2-6 NON-MERCURY FLOATS & HIGH WATER ALARM CONTROLS. SEE DETAIL 1/P6.01 FOR ADD'L INFO.	
SP-5, 6	BASEMENT GYMNASIUM	60	25	3/4	3450	208/1/60	3885 WE0718H	GOULDS PUMP	PROVIDE W/ 36"Ø x 48" DEEP FIBERGLASS BASIN W/ ANTO-FLOATATION COLLAR, NEMA 1 DUPLEX CONTROLLER & (3) A2-6 NON-MERCURY FLOATS & HIGH WATER ALARM CONTROLS. SEE DETAIL 1/P6.01 FOR ADD'L INFO.	

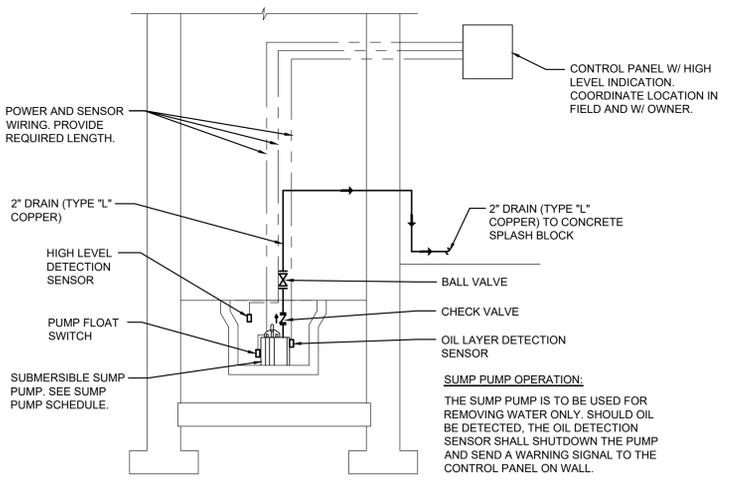
ELEVATOR SUMP PUMP SCHEDULE										(GOULDS PUMP AS STANDARD)
TAG No.	LOCATION	GPM	HD (FT)	HP	RPM	ELECTRICAL DATA VOLT/PH/Hz	MODEL & MANUFACTURER		REMARKS	
ESP-1	ELEVATOR SUMP PIT	50	15	1/3	3,450	115/1/60	ELKTWE0511H	GOULDS PUMP	ELEVATOR SUMP PUMP. PROVIDE W/ CONTROL PANEL (ITT CENTRIPRO MODEL #A1SEE1) WITH LIQUID SMART SWITCH & HIGH ALARM CONTROLS, OIL SMART SWITCH (ITT CENTRIPRO MODEL #A1SEEWATER), & CHECK & SHUTOFF VALVES.	

CONDENSATE DRAIN PUMP SCHEDULE										(LITTLE GIANT AS STANDARD)		
TAG No.	UNIT SERVED	LOCATION	PERFORMANCE (GPH @ HEAD)		SHUT OFF FEET	ELECTRICAL DATA			MODEL & MANUFACTURER	UNIT DIMENSIONS (L x W x H) (IN)	APPROX. WEIGHT (LBS.)	REMARKS
			10'	20'		HP	VOLT/PH/Hz	AMPS				
CDP-1	EXIST. FCU	TOILET 010A	48	20	1/30	115/1/60	1.5	93	VCMA-20UL LITTLE GIANT	10-1/2 x 5-1/8 x 7-1/8	5.0	PROVIDE SHUTOFF & CHECK VALVES ON DISCHARGE PIPING.
CDP-2	EXIST. AIR COMPRESSOR & AIR DRYER	OUTDOOR STORAGE 054	48	20	1/30	115/1/60	1.5	93	VCMA-20UL LITTLE GIANT	10-1/2 x 5-1/8 x 7-1/8	5.0	PROVIDE SHUTOFF & CHECK VALVES ON DISCHARGE PIPING.

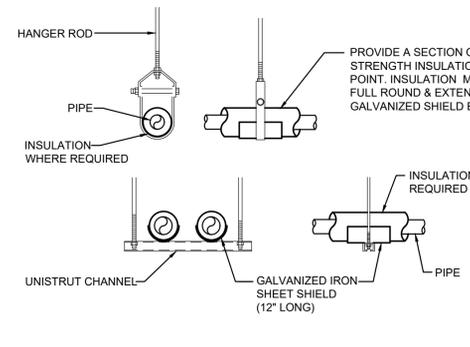
PLUMBING FIXTURE SCHEDULE												
NUMBER	FIXTURE	MANUFACTURER	MODEL NO.	TRIM NO.	SUPPLY PIPE NO.	TRAP NO.	PIPE SIZES					NOTES
							TRAP	WASTE	VENT	DCW	DHW	
P-1	SINK	ELKAY	DRKAD222065R	ELKAY LKD2439BHC	McGUIRE LF158	McGUIRE 8902C	1-1/2" x 1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	22"x19-1/2"x6-1/2" 18 GA. 304 STAINLESS STEEL SINK. PROVIDE W/ FAUCET W/ 4" LEVER HANDLES. BUBBLER MOOLE #LK1141A, ELKAY STRAINER & TAILPIECE #LK18B, WATTS TMV #LFUSG-B, & ELKAY IN-LINE WATER FILTER KIT MODEL #WFV3000 W/ FILTER #51300C (TO BE INSTALLED FOR BUBBLER). INSTALL TO MEET ADA REQUIREMENTS.
P-2	SINK	ELKAY	LTR4622	ELKAY LKD2439BHC	McGUIRE LF158	McGUIRE 8902C	1-1/2" x 1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	22"x19-1/2"x5-1/2" 18 GA. 304 STAINLESS STEEL SINK. PROVIDE W/ TWO (2) FAUCETS W/ 4" LEVER HANDLES, THREE (3) ELKAY STRAINER & TAILPIECE #LK18B & TWO (2) WATTS TMV #LFUSG-B.



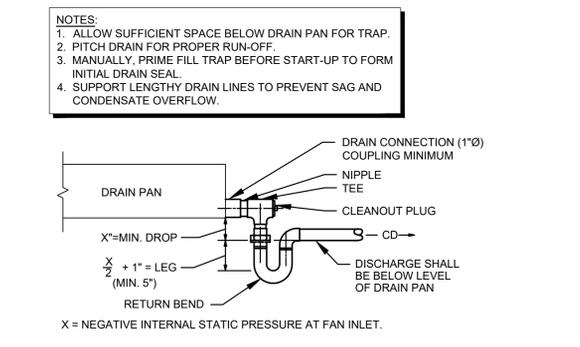
1 SUMP PUMP SYSTEM DETAIL
NOT TO SCALE



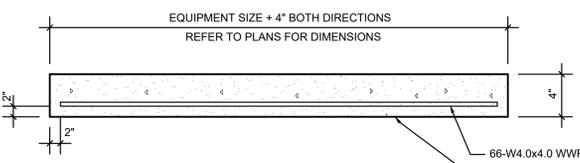
2 ELEVATOR SUMP PUMP PIPING DETAIL
NOT TO SCALE



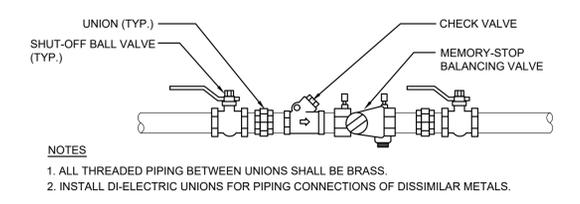
6 PIPE SUPPORT HANGERS
NOT TO SCALE



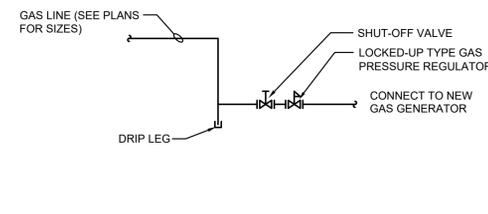
3 CONDENSATE DRAIN TRAP DETAIL
NOT TO SCALE



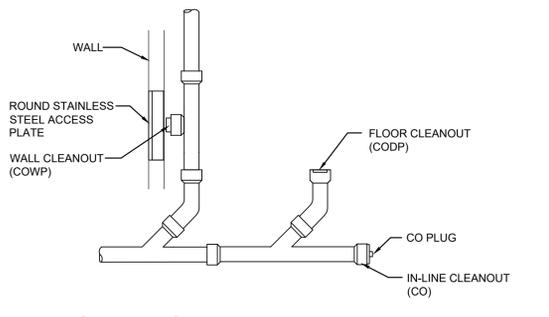
7 CONCRETE PAD DETAIL
NOT TO SCALE



8 DHWR BALANCING ASSEMBLY DETAIL
NOT TO SCALE

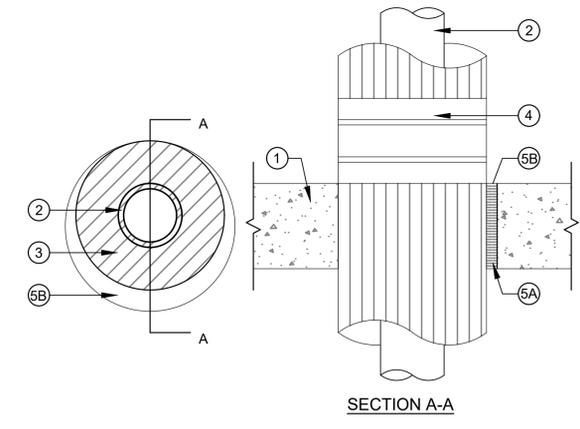


4 GAS CONNECTION DETAIL
NOT TO SCALE



5 CLEANOUT DETAIL
NOT TO SCALE

UL SYSTEM NO. C-BJ-5011
FRATING - 2 HR.
T RATING - 2 HR.



9 TYPICAL PIPE PENETRATION (ALL LOCATIONS)
NOT TO SCALE

- Floor or Wall Assembly - Min 5-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam. of opening is 14 in. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- Through Penetrants - One metallic pipe or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe or tubing to be rigidly supported on both sides of floor or wall assembly.
- Pipe Covering* - Cellular Glass Insulation - Max 3 in. thick cellular glass units sized to the outside diam. of the steel pipe and supplied in nom 24 in. long half sections or nom 18 in. long segments. The annular space shall be min 0 in. (point contact) to max 2 in. Pipe insulation installed on pipe in accordance with the manufacturer's instructions.
PITTSBURGH CORING CORP - FOAMGLAS
- Metal Jacket - Min. 12 in. long jacket formed on min. 0.010 in. thick steel or aluminum sheet cut to wrap tightly around the pipe insulation with a min. 2 in. lap. Jacket secured with min. 1/2 in. wide stainless steel hose clamps or bands located within 2 in. of each end of the jacket and spaced a max. of 10 in. O.C.
Jacket to be installed with edges abutting surface of caulk fill material (Item 5) on both surfaces of wall. Metal jacket to be used in addition to any other jacketing material which may be required to or desired on the pipe insulation.
- Firestop System - The firestop system shall consist of the following:
A Packaging Material - Min 5 in. thickness of min. 4 pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of fill material.
B Fill, Void or Cavity Material* - Sealant - Min 1/2 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. At point contact location between penetrant and periphery of opening, a min. 1/2 in. diam. bead of fill material shall be applied at the periphery of opening/pipe covering interface on top surface of floor assembly or both surfaces of wall assembly.
JOHNS MANVILLE INTERNATIONAL INC - Firestop
*Bearing the UL Classification Mark

2-HOUR RATED

Date: 1/10/20
Checked: AL
Drawn: IM/AL

Revisions:
11/23/20

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MICHAEL J. MCGOVERN, P.E.
REGISTERED ARCHITECT
License No. 022257-1

LAN ASSOCIATES
engineering • planning • architecture • surveying
252 MAIN STREET, GOSHEN, NEW YORK 10924 (845) 615-0350

PLUMBING SCHEDULES & DETAILS
2019 BOND REFERENDUM
MAMARONECK AVENUE ELEMENTARY SCHOOL
MAMARONECK UNION FREE SCHOOL DISTRICT
850 MAMARONECK AVENUE, MAMARONECK, NY 10543

Job No. 4.1092.72.2
File No. 10927202P201

PLUMBING SCHEDULES & DETAILS
2019 BOND REFERENDUM
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NYSED PROJECT # 66-07-01-03-0-004-030

P6.01