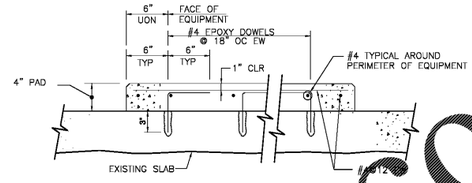
PLUMBING PUMP SCHEDULE

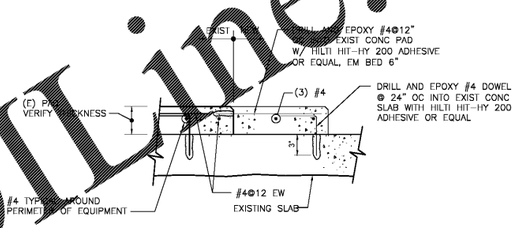
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	CIRCULATING FLUID				ELECTRICAL MOTOR					BASIS OF DESIGN
					FLUID	FLOW GPM	HEAD FT	TEMP °F	POWER HP	PHASE	VOLT	MAX RPM	SPEED CONTROL	
2-P-1 & 2-P-2	MECH/LIFE SAFETY EQUIP RM 21A	BLDG 2	COPPER/SILVER IONIZATION UNIT-MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC COLD WATER	15	10	60	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
2A-P-1 & 2A-P-2	BASEMENT MECH RM G066	BLDG 2A	DOMESTIC HOT WATER RECIRCULATING MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC HOT WATER RECIRC	9	20	125	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
2A-P-3 & 2A-P-4	EMERG EQUIP G069	BLDG 2A	COPPER/SILVER IONIZATION UNIT-MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC COLD WATER	15	10	60	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
7-P-1 & 7-P-2	HVAC RM 37	BLDG 7	DOMESTIC HOT WATER RECIRCULATING MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC HOT WATER RECIRC	6	30	125	1/2	1	115	3500	3-SPEED	GRUNDFOS UPS 26-150
7-P-3 & 7-P-4	HVAC RM 37	BLDG 7	COPPER/SILVER IONIZATION UNIT-MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC COLD WATER	15	10	60	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
9-P-1 & 9-P-2	SUB-BASEMENT MER	BLDG 9	DOMESTIC HOT WATER RECIRCULATING MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC HOT WATER RECIRC	8	10	125	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
9-P-3 & 9-P-4	SUB-BASEMENT MER	BLDG 9	COPPER/SILVER IONIZATION UNIT-MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC COLD WATER	15	10	60	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
12-P-1 & 12-P-2	SUB-BASEMENT MER	BLDG 12	DOMESTIC HOT WATER RECIRCULATING MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC HOT WATER RECIRC	9.5	10	125	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
12-P-3 & 12-P-4	SUB-BASEMENT MER	BLDG 12	COPPER/SILVER IONIZATION UNIT-MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC COLD WATER	15	10	60	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
77-P-1 & 77-P-2	SUB-BASEMENT MER	BLDG 77	DOMESTIC HOT WATER RECIRCULATING MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC HOT WATER RECIRC	7.5	10	125	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
77-P-3 & 77-P-4	SUB-BASEMENT MER	BLDG 77	COPPER/SILVER IONIZATION UNIT-MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC COLD WATER	15	10	60	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99
143-P-1 & 143-P-2	MAIN MECH RM SD-100	BLDG 143	COPPER/SILVER IONIZATION UNIT-MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC COLD WATER	30	10	60	1/2	1	115	3500	3-SPEED	GRUNDFOS UPS 26-150
170-P-1 & 170-P-2	MECH PENTHOUSE 203	BLDG 170	COPPER/SILVER IONIZATION UNIT-MAIN & STANDBY	INLINE CANNED ROTOR CIRCULATOR BRONZE	DOMESTIC COLD WATER	15	10	60	1/6	1	115	3500	3-SPEED	GRUNDFOS UPS 26-99

STEAM TO WATER HEAT EXCHANGER SCHEDULE

MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	WATER CONDITIONS				STEAM PRESSURE ENTERING CONTROL VALVE PSIG	CONTROL VALVE CAPACITY LB/HR	REMARKS	BASIS OF DESIGN
					FLOW GPM	EWT °F	LWT °F	WPD FT				
2-DWH-1 & 2-DWH-2	MECH RM 32	BLDG 2	DOMESTIC HOT WATER MAIN AND STANDBY	PACKAGED DOUBLE WALL INSTANTANEOUS SHELL AND TUBE	45	40	140	5	15	2,380	STEAM IN TUBES, WATER IN SHELL. DIMENSIONS SHALL NOT EXCEED 79" LONG X 24" WIDE X 47" TALL IN ORDER TO FIT EXISTING SPACE.	THERMAFLO TH750H
2A-DWH-1 & 2A-DWH-2	MECH RM G066	BLDG 2A	DOMESTIC HOT WATER MAIN AND STANDBY	PACKAGED DOUBLE WALL INSTANTANEOUS SHELL AND TUBE	35	40	140	5	30	1,85[illegible]	STEAM IN TUBES, WATER IN SHELL	THERMAFLO TH750H
7-DWH-1 & 7-DWH-2	HVAC RM 37	BLDG 7	DOMESTIC HOT WATER MAIN AND STANDBY	PACKAGED DOUBLE WALL INSTANTANEOUS SHELL AND TUBE	35	40	140	[illegible]	30	[illegible]863	STEAM IN TUBES, WATER IN SHELL	THERMAFLO TH750H
9-DWH-1 & 9-DWH-2	SUB-BASEMENT MER	BLDG 9	DOMESTIC HOT WATER MAIN AND STANDBY	PACKAGED DOUBLE WALL INSTANTANEOUS SHELL AND TUBE	30	40	[illegible]40	[illegible]	20	1,597	STEAM IN TUBES, WATER IN SHELL	THERMAFLO TH750H
12-DWH-1 & 12-DWH-2	SUB-BASEMENT MER	BLDG 12	DOMESTIC HOT WATER MAIN AND STANDBY	PACKAGED DOUBLE WALL INSTANTANEOUS SHELL AND TUBE	40	40	140	5	[illegible]3	2,129	STEAM IN TUBES, WATER IN SHELL	THERMAFLO TH750H
77-DWH-1 & 77DWH-2	SUB-BASEMENT MER	BLDG 77	DOMESTIC HOT WATER MAIN AND STANDBY	PACKAGED DOUBLE WALL INSTANTANEOUS SHELL AND TUBE	30	40	140	[illegible]	25	1,605	STEAM IN TUBES, WATER IN SHELL	THERMAFLO TH750H

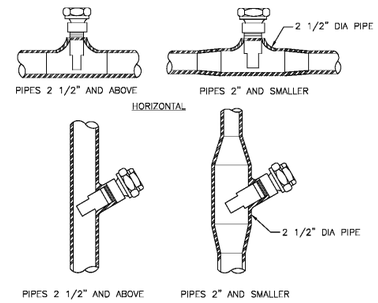


A CONCRETE EQUIP PAD ON EXISTING SLAB DETAIL
NOT TO SCALE



APPLY SIKA ARMATER 110 EPOCEM OR EQUAL BETWEEN NEW AND EXISTING CONCRETE FOLLOW ALL MANUFACTURER'S INSTRUCTIONS.

B EXTENDED CONCRETE EQUIPMENT PAD DETAIL
NOT TO SCALE



C TYPICAL THERMOWELL INSTALLATION DETAIL
NOT TO SCALE

Order Plans @ WWW.LDILine.com

Revisions	Date
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Atriax, pllc
102 3rd Avenue, NE
PO Box 1629,
Hickory, NC 28603
Phone: 828.315.9962
Fax: 828.315.9964
www.atriaxgroup.com

WileyWilson
127 Nationwide Drive
Lynchburg, VA 24502
Phone: 434.947.1901
www.wileywilson.com

COMMONWEALTH OF VIRGINIA
MICHAEL J. GEHL
Lic. No. 24288
4/28/2017
PROFESSIONAL ENGINEER

Approved: Energy Engineer

CONSTRUCTION DOCUMENTS

Approved: Safety Manager
Approved: Infection Control Officer
Approved: GEMS Coordinator

Approved: Service Chief
Approved: Chief of Staff
Approved: Associate Director

Drawing Title: PL-601 SCHEDULES AND DETAILS

Approved: Chief of Facility Management Svc.
Approved: Medical Center Director

Project Title: RENOVATE FOR WATER QUALITY

Building Number | Checked: MJG | Drawn: JFC

Location: VA MEDICAL CENTER, SALEM, VA 24153

Date: 04/ 28 / 2017
Project No.: 658-15-101
DRAWING SET: 2592
Dwg. 123 Of 155

Veterans Affairs