

PUMP SCHEDULE

PUMP No.	LOCATION	SERVICE	TYPE	GPM	TOTAL HEAD		MOTOR		REMARKS	
					FT. H ₂ O	PSI	HP	PH		
DWP-1	PUMP RM #1	DOMESTIC WATER LOWER LEVEL TRAIL 4th FLOOR	VERTICAL TURB.	245	134	15	3600	480	3	FACTORY PACKAGED SYSTEM
DWP-2 & 3	PUMP RM #1	DOMESTIC WATER LOWER LEVEL TRAIL 4th FLOOR	VERTICAL TURB.	490	134	25	3600	480	3	FACTORY PACKAGED SYSTEM
DWP-4	PUMP RM #1	DOMESTIC WATER FLOORS 5, 6 & 7	VERTICAL TURB.	80	180	7 1/2	3600	480	3	FACTORY PACKAGED SYSTEM
DWP-5 & 6	PUMP RM #1	DOMESTIC WATER FLOORS 5, 6 & 7	VERTICAL TURB.	160	180	15	3600	480	3	FACTORY PACKAGED SYSTEM
HMC-1 & 1A	MER-0065	TRAIL 4th FLOOR	IN - LINE	150	14	3/4	1150	480	3	PROVIDE TWO UNITS ONE AS STANDBY
HMC-2 & 2A	MER-0065	HM-FLOORS 5, 6 & 7	IN - LINE	21	22	1/2	1750	480	3	PROVIDE TWO UNITS ONE AS STANDBY
HMC-3 & 3A	MER-0065	KITCHEN CANTEN	IN - LINE	12	10	1/2	1750	120	1	PROVIDE TWO UNITS ONE AS STANDBY
SP-1 & 2	PIPE GALLERY	EQUIPMENT ROOM DRAINAGE	DUPLEX	50	30	1	1750	480	3	VERTICAL-FACTORY PACKAGED SYSTEM
SEP-1 & 2	EMERGENCY CENTER	ROOM DRAINAGE	DUPLEX	50	37	1 1/2	1750	480	3	VERTICAL-FACTORY PACKAGED SYSTEM

WATER HEATER SCHEDULE

UNIT No.	LOCATION	SERVICE	GPM	ENT	LVT	STEAM & CONT. VALVE		REMARKS	
						PRESSURE LBS./HR.	STEAM TRAP LBS./HR.		
DWH-1	HER0065	DOMESTIC HW LOWER LEVEL TRAIL 4th FLOOR	150	40°F	140°F	30 PSI	8070	24200	HEATER SHALL BE CAPABLE OF PRODUCING 180°F WATER AT A REDUCED CAPACITY.
DWH-2	HER0065	DOMESTIC HW LOWER LEVEL TRAIL 4th FLOOR	150	40°F	140°F	30 PSI	8070	24200	HEATER SHALL BE CAPABLE OF PRODUCING 180°F WATER AT A REDUCED CAPACITY.
DWH-3	HER0065	DOMESTIC HW FLOORS 5, 6 & 7	45	40°F	140°F	30 PSI	2420	7260	HEATER SHALL BE CAPABLE OF PRODUCING 180°F WATER AT A REDUCED CAPACITY.
DWH-4	HER0065	DOMESTIC HW FLOORS 5, 6 & 7	45	40°F	140°F	30 PSI	2420	7260	HEATER SHALL BE CAPABLE OF PRODUCING 180°F WATER AT A REDUCED CAPACITY.
DWH-5	HER0065	DOMESTIC HW KITCHEN TRAIL 4th FLOOR	72	40°F	140°F	30 PSI	3975	11825	HEATER SHALL BE CAPABLE OF PRODUCING 180°F WATER AT A REDUCED CAPACITY.
DWH-6	HER0065	DOMESTIC HW KITCHEN TRAIL 4th FLOOR	72	40°F	140°F	30 PSI	3975	11825	HEATER SHALL BE CAPABLE OF PRODUCING 180°F WATER AT A REDUCED CAPACITY.

AIR COMPRESSOR SCHEDULE

UNIT No.	LOCATION	SERVICE	TYPE	TANK CAPACITY GAL.	DELIVERY SYSTEM	PSI	RPM	MOTOR		REMARKS		
								HP	PH			
AC-1	PUMP RM #1	PATIENT TOWER	MULTIPLY	200	180 SCFM	100	1100	75	480	3	60	FACTORY PACKAGED SYSTEM
AC-2	PUMP RM #1	O & T BLOCK	MULTIPLY	200	210 SCFM	100	1100	75	480	3	60	FACTORY PACKAGED SYSTEM
AC-3	PUMP RM #1	LABORATORY	MULTIPLY	200	135 SCFM	110	1100	75	480	3	100	FACTORY PACKAGED SYSTEM
AC-4	LOWER LEVEL MER 0020	SHOP	SIMPLEX	80	25 SCFM	175	700	7 1/2	480	3	60	FACTORY PACKAGED SYSTEM
AC-5	LOWER LEVEL MER 0010	DENTAL	DUPLEX	240	184 SCFM	175	—	50	480	3	175	FACTORY PACKAGED SYSTEM

REFRIGERATED AIR DRYER SCHEDULE

UNIT No.	LOCATION	SERVICE	ASSOCIATED AIR COMPRESSOR	SCFM @ 35°F.	PRESSURE DROP (PSID)	MOTOR		REMARKS	
						HP	PH		
AD-1	PUMP RM #1	PATIENT TOWER	AC-1	2 @ 140 SCFM	2.0	1	480	3	FACTORY PACKAGED SYSTEM
AD-2	PUMP RM #1	O & T BLOCK	AC-2	2 @ 170 SCFM	1.5	1 1/2	480	3	FACTORY PACKAGED SYSTEM
AD-3	PUMP RM #1	LABORATORY	AC-3	2 @ 110 SCFM	2.0	1	480	3	FACTORY PACKAGED SYSTEM
AD-5	LOWER LEVEL MER 0010	DENTAL	AC-5	1 @ 125 SCFM	7.0	3/4	480	3	FACTORY PACKAGED SYSTEM

VACUUM PUMP SCHEDULE

UNIT No.	LOCATION	SERVICE	TYPE	TANK CAPACITY GAL.	DELIVERY		REMARKS					
					SCFM	ACHM						
VP-1, 2 & 3	LOWER LEVEL MER 0065	PATIENT TOWER	TRIPLEX	120	23 EA.	60 EA.	19	1800	5 EA.	480	3	FACTORY PACKAGED SYSTEM
VP-4, 5 & 6	LOWER LEVEL MER 0030	O & T BLOCK	TRIPLEX	200	41 EA.	111 EA.	19	1800	7 1/2 EA.	480	3	FACTORY PACKAGED SYSTEM
VP-7, 8 & 9	LOWER LEVEL MER 0010	LABORATORY	TRIPLEX	200	59 EA.	156 EA.	19	1800	10 EA.	480	3	FACTORY PACKAGED SYSTEM
VP-10 & 11	LOWER LEVEL MER 0010	DENTAL	DUPLEX	2 @ 40 EA.	312 EA.	—	8	—	15 EA.	480	3	FACTORY PACKAGED SYSTEM

GREASE INTERCEPTOR SCHEDULE

MARK	RATED FLOW CAPACITY GPM	MOUNTING POSITION	LOCATION	REMARKS
GI-1	35	ON FLOOR	1st FL. KITCHEN	
GI-2	20	ON FLOOR	1st FL. KITCHEN	
GI-3	35	PARTIALLY RECESSED	LOWER LEVEL KITCHEN	
GI-4	75	FULLY RECESSED	LOWER LEVEL KITCHEN	
GI-5	20	FULLY RECESSED	LOWER LEVEL KITCHEN	
GI-6	20	ON FLOOR	LOWER LEVEL KITCHEN	

- NOTE:
- REMOVE GREASE CONTAINERS SHALL BE LOCATED AS INDICATED ON DWS.
 - FOR ON FLOOR UNITS, THE GREASE CONTAINER ORIENTATION SHALL BE AS SHOWN ON DWS.
 - INTERCEPTOR UNITS GI-3, GI-4 AND GI-5 SHALL HAVE AN INTERNALLY LOCATED PS-1 PUMP.
 - PARTIALLY & FULLY RECESSED UNITS SHALL HAVE HEATED HOSE RUNNING TO HEATE GREASE COLLECTION CONTAINERS. CONTAINERS SHALL BE PLACED ON THE FLOOR AND IN CONTACT WITH THE FLOOR SHALL BE HEATED ON GREASE COLLECTION CONTAINERS. CONTAINERS SHALL CORRELATE TO GREASE COLLECTION BEFORE CONCRETE PITS ARE POURED.
 - PITS FOR INTERCEPTOR GI-4 & GI-5 SHALL HAVE FLOOR ACCESS COVERS. SEE ARCH. DWS.

RECORD DRAWINGS
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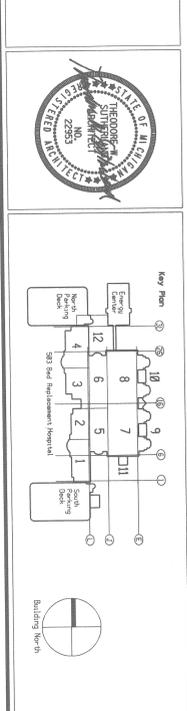
09-15-97
10-11-98

DATE

FULLY PROTECTED BY AUTOMATIC SPRINKLER SYSTEM

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SIAC Project No. 49391



Drawing Title
PLUMBING EQUIPMENT SCHEDULE

Scale: None

Approved Area Project Manager
J. P. Schmidt

Project Title
503 BED HOSPITAL REPLACEMENT

Building Number
100

Location
Detroit, Michigan

Date
7-1-91

Project No.
553-080

Drawing No.
P1-3

Sheet No.
OF

Veterans Administration