

SCHEDULE OF LOADS

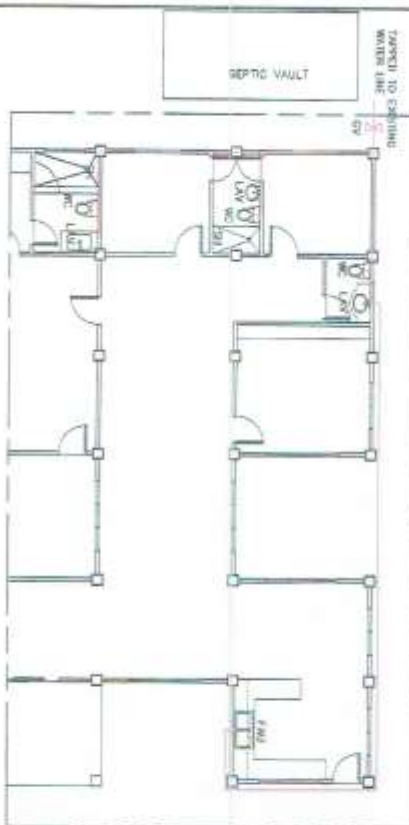
CIRCUIT NO.	LOAD DESCRIPTION	NO. OF OUTLETS	VOLTS	WATTS	AMPERE PER CIRCUIT	NO. OF POLE	BROACH PROTECTION	SIZE OF WIRE & CONDUIT
1	4-25w T5 Fluorescent Lamp w/ recessed type casing 7-10w Pinlight w/ casing	11	240	326	1.36	2	15 AT	2-3.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
2	15-10w LED downlight fixture 3-40w Decorative Ceiling lights 10-14w T5 fluorescent lamps 24-10w LED downlight fixtures 2-2.25w T5 Fluorescent lamp w/ recessed type casing 2-40w Decorative Ceiling lights 12-14w T5 fluorescent lamps	29	240	420	1.75	2	15 AT	2-3.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
3	24-10w LED downlight fixtures 3-40w Decorative Ceiling lights 6-14w T5 fluorescent lamps	40	240	568	2.45	2	15 AT	2-3.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
4	24-10w LED downlight fixtures 3-40w Decorative Ceiling lights 6-14w T5 fluorescent lamps	33	240	444	1.85	2	15 AT	2-3.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
5	32-10w LED downlight fixtures 2-2.25w T5 fluorescent lamp w/ recessed type casing 3-40w Decorative Ceiling lights 18-14w T5 fluorescent lamps	55	240	792	3.30	2	15 AT	2-3.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
6	4-2.25w T5 fluorescent lamp w/ recessed type casing 17-10w pinlight w/ casing	21	240	505	2.11	2	15 AT	2-3.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
7	2/180VA Convenience Outlet	8	240	2,080	12.0	2	20 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
8	2/180VA Convenience Outlet	8	240	2,080	12.0	2	20 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
9	2/180VA Convenience Outlet	7	240	2,520	10.50	2	20 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
10	REFRIGERATOR	1	240	360	1.50	2	20 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
11	ELECTRIC / GAS RANGE	1	240	360	1.50	2	20 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
12	1.0 hp wall mounted split type ACU	1	240	745.7	3.11	2	30 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
13	1.0 hp wall mounted split type ACU	1	240	745.7	3.11	2	30 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
14	1.0 hp wall mounted split type ACU	1	240	745.7	3.11	2	30 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
15	1.5 hp wall mounted split type ACU	1	240	1,110.56	4.60	2	40 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
16	Wall Mounted Water Heater	1	240	1,500	6.25	2	40 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
17	Wall Mounted Water Heater	1	240	1,500	6.25	2	40 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
18	Emergency Light (Single Convenience Outlet)	8	240	400	1.67	2	15 AT	2-5.5MM2 THW WIRE @ 15MM DIA. PVC PIPE
19	SPARE							
20	SPARE							
TOTAL			18,331.65	78.47			100 AT	2-14.0MM2 THW WIRE @ 32MM DIA. PVC PIPE



PROJECT: RECONSTRUCTION OF PROBANC AREA, COASTAL DOCK, 1ST FLOOR
 QUARTER, AND PROVIDING SYSTEM OF PORT DEVELOPMENT AREA
 PROJECT NO. 2018-01-001

PROJECT MANAGER:  **CHANG, J. J. J.**
 PROJECT ENGINEER:  **CHANG, J. J. J.**
 PROJECT SUPERVISOR:  **CHANG, J. J. J.**
 PROJECT ASSISTANT:  **CHANG, J. J. J.**
 PROJECT CLERK:  **CHANG, J. J. J.**
 PROJECT DATE: 6/5/76

LEGEND
 SW - SINK
 WC - WATER CLOSET
 FNU - FURNACE
 LAV - LAUNDRY
 20mm PPS PRE - 20mm PPS PRE
 CV - DATE VALVE
 (WATER LINE)



WATER PIPING LAYOUT
 NOT TO SCALE

LEGEND
 SW - SINK
 WC - WATER CLOSET
 FNU - FURNACE
 LAV - LAUNDRY
 20mm PPS PRE - 20mm PPS PRE
 CV - DATE VALVE
 (WATER LINE)



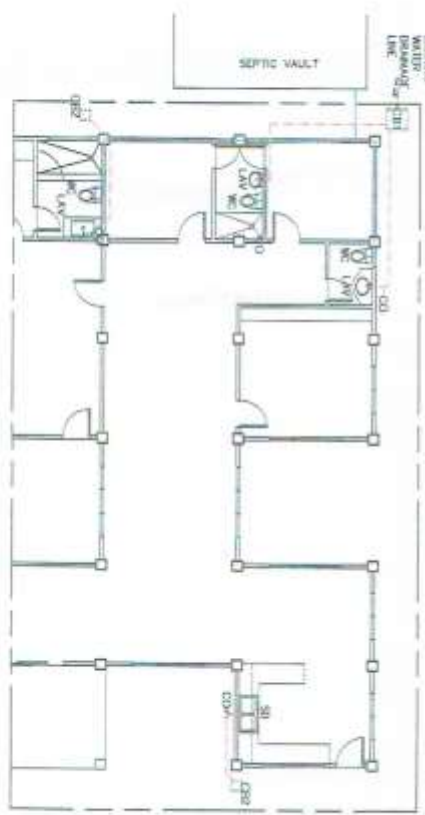
WATER PIPING ISOMETRIC
 NOT TO SCALE

LEGEND
 LAV - LAUNDRY
 WC - WATER CLOSET
 CV - DATE VALVE
 100mm GPC PRE - 100mm GPC PRE
 5000 (DRAINAGE LINE)
 50 - 50mm GPC PRE
 100mm GPC PRE 10000
 (SANITARY LINE)



DRAINAGE AND SANITARY PIPING ISOMETRIC
 NOT TO SCALE

LEGEND
 LAV - LAUNDRY
 WC - WATER CLOSET
 CV - DATE VALVE
 100mm GPC PRE - 100mm GPC PRE
 5000 (DRAINAGE LINE)
 50 - 50mm GPC PRE
 100mm GPC PRE 10000
 (SANITARY LINE)



DRAINAGE AND SANITARY PIPING LAYOUT
 NOT TO SCALE

		PROJECT LOCATION: 10000 ROUTE 1, CAMBRIDGE, MA 01826 OWNER: CAMBRIDGE CITY PROJECT: CAMBRIDGE CITY	
DESIGNER: 	CHECKED BY: 	APPROVED BY: 	DATE: 06/7/6

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