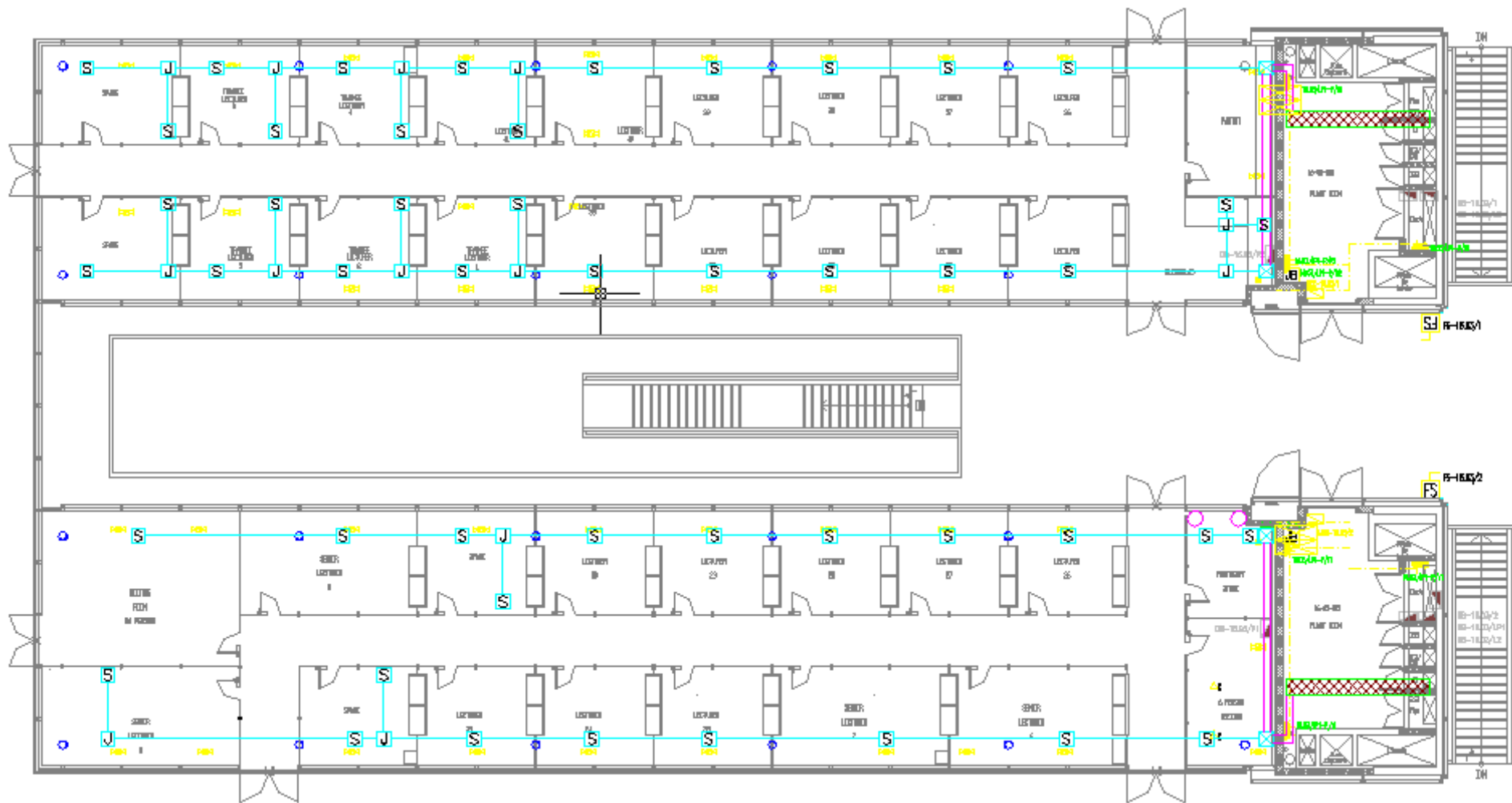




Appendix 2: UTP Map



Appendix 3: Pavilion Drawing

Appendix 4: Energy Plus Simulation Result

Date/Time	Environment:Outdoor Dry Bulb [C](Hourly)	LEFT WING LIGHTING:Lights Electric Consumption [J](Hourly)	RIGHT WING LIGHTING:Lights Electric Consumption [J](Hourly)	RIGHT WING:Zone/Sys Sensible Cooling Energy[J](Hourly)	RIGHT WING:Zone/Sys Air Temperature[C](Hourly)	RIGHT WING:Zone/Sys Sensible Load Predicted[W](Hourly)	LEFT WING PAVILLION:Zone/Sys Sensible Cooling Energy[J](Hourly)	LEFT WING PAVILLION:Zone/Sys Air Temperature [C](Hourly)	LEFT WING PAVILLION:Zone/Sys Sensible Load Predicted[W](Hourly)	PurchasedCooling:Facility [J](Hourly)
01/21 16:00:00	34.10625	7992000	7992000	28922115	24	-8033.92	22225746	24	-6173.82	57614496
01/21 17:00:00	33.83125	7992000	7992000	29097848	24	-8082.74	22175218	24	-6159.78	57730558
01/21 15:00:00	34.14375	7992000	7992000	28500824	24	-7916.9	22114335	24	-6142.87	57049862
01/21 14:00:00	33.9	7992000	7992000	27869747	24	-7741.6	21847045	24	-6068.62	55402170
01/21 12:00:00	32.75	7992000	7992000	26329890	24	-7313.86	21019416	24	-5838.73	53860434
01/21 18:00:00	33.35625	7992000	7992000	27854840	24	-7737.46	20817537	24	-5782.65	54126194
01/21 13:00:00	33.425	7992000	7992000	26324388	24	-7312.33	20670125	24	-5741.7	52820676
01/21 11:00:00	31.93125	7992000	7992000	25551309	24	-7097.59	20536152	24	-5704.49	52572315

01/21 19:00:00	32.74375	7992000	7992000	27182709	24	- 7550.7 5	20143367	24	-5595.38	51356670
01/21 10:00:00	31.11875	7992000	7992000	24905556	24	- 6918.2 1	20109274	24	-5585.91	51347796
01/21 20:00:00	32.09375	7992000	7992000	26733687	24	- 7426.0 2	19778056	24	-5493.9	50095079
01/21 09:00:00	30.40625	7992000	7992000	24408753	24	- 6780.2 1	19755399	24	-5487.61	49017162
01/21 21:00:00	31.50625	7992000	7992000	26228014	24	- 7285.5 6	19418625	24	-5394.06	49188695
01/21 22:00:00	30.9875	7992000	7992000	25720006	24	- 7144.4 5	19095650	24	-5304.35	48352144
01/21 23:00:00	30.55	7992000	7992000	25041810	24	- 6956.0 6	18626354	24	-5173.99	47072631
01/21 24:00:00	30.2125	7992000	7992000	24582279	24	- 6828.4 1	18383117	24	-5106.42	46183795
01/21 01:00:00	29.94375	7992000	7992000	23932615	24	- 6647.9 5	18363656	24	-5101.02	45496332
01/21 02:00:00	29.69375	7992000	7992000	23568263	24	- 6546.7 4	18186050	24	-5051.68	44951558
01/21 08:00:00	29.83125	7992000	7992000	22777968	24	- 6327.2 1	18176136	24	-5048.93	44403031

01/21 03:00:00	29.475	7992000	7992000	23218870	24	- 6449.6 9	18017658	24	-5004.9	44433396
01/21 04:00:00	29.30625	7992000	7992000	22898562	24	- 6360.7 1	17870629	24	-4964.06	43966001
01/21 05:00:00	29.21875	7992000	7992000	22623605	24	- 6284.3 3	17755118	24	-4931.98	43575525
01/21 07:00:00	29.45625	7992000	7992000	22348722	24	- 6207.9 8	17709727	24	-4919.37	43255250
01/21 06:00:00	29.2625	7992000	7992000	22428910	24	- 6230.2 5	17694629	24	-4915.17	43320339