



DEPT OF BLDGS 121184841 Job Number



ES504107333 Scan Code

1 DOE 2.1E

1 Hudson Blvd, Brooklyn, NY

DOE-2.1E-121 Tue Sep 8 16:00:35

2015LDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-B SUMMARY OF SPACES OCCURRING IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

NUMBER OF SPACES 345 EXTERIOR 140 INTERIOR 205

SPACE	SPACE*FLOOR MULTIPLIER	SPACE TYPE	AZIMUTH	LIGHTING (WATT / SQFT )	PEOPLE	EQUIP (WATT / SQFT )	INFILTRATION METHOD	AIR CHANGES PER HOUR	AREA (SQFT )	VOLUME (CUFT )
C2-FUEL	1.0	INT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	1653.12	22317.12
C2-BIKE-2	1.0	INT	0.0	0.87	0.0	0.00	AIR-CHANGE	0.10	947.47	12790.85
C2-CORR	1.0	INT	0.0	0.50	5.4	0.00	AIR-CHANGE	0.10	1631.88	22030.38
C2-STOR	1.0	INT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	358.39	4838.26
C2-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	904.64	12212.64
C2-TENANT	1.0	INT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	6390.33	86269.45
C2-MECH	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	640.00	8640.00
C2-BIKE-1	1.0	INT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	1670.11	22546.48
SHAFT	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	982.19	1304309.50
C1-CORR	1.0	INT	0.0	0.50	9.7	0.00	AIR-CHANGE	0.10	2902.28	39180.78
C1-STAIR	1.0	EXT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	1182.88	15968.88
C1-STORM	1.0	INT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	1338.90	18075.15
C1-MECH	1.0	INT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	1144.43	15449.81
C1-TELE	1.0	INT	0.0	0.87	1.0	3.00	AIR-CHANGE	0.10	1175.63	15871.00
C1-FIRE	1.0	INT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	681.08	9194.58
C1-NWP-COMPT	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	997.63	13468.00
C1-SWITCH	1.0	INT	0.0	0.43	1.0	5.00	AIR-CHANGE	0.10	1490.16	20117.16
C1-WATER	1.0	EXT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	509.68	6880.68
C1-GAS	1.0	EXT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	806.27	10884.65
C1-TRANS-VAULT	1.0	EXT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	848.22	11450.97
1-LOBBY	1.0	EXT	0.0	4.17	137.9	0.50	AIR-CHANGE	0.50	6894.24	160497.92
1-STAIR	1.0	EXT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	919.03	21395.02
1-RETAIL	1.0	EXT	0.0	1.50	188.5	0.50	AIR-CHANGE	0.15	9427.45	219471.05
1-BOH	1.0	EXT	0.0	0.87	0.0	0.00	AIR-CHANGE	0.10	589.53	13724.26
1-STOR	1.0	INT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	402.61	9372.76
1-TOILET	1.0	INT	0.0	0.90	0.2	0.00	AIR-CHANGE	0.10	68.24	1588.63
1-LOADING	1.0	EXT	0.0	0.50	0.0	0.00	AIR-CHANGE	0.80	3740.13	87070.23
1-CORR	1.0	EXT	0.0	0.53	2.9	0.00	AIR-CHANGE	0.10	860.29	20027.55
1-ELEV-LOBBY	1.0	INT	0.0	2.82	47.3	0.00	AIR-CHANGE	0.10	2367.17	55107.72
1-MESS	1.0	EXT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	634.46	14770.23
1-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	33279.89	48925.90
2-OFC-W	1.0	EXT	0.0	1.00	88.8	1.25	AIR-CHANGE	0.15	8881.07	88721.89
2-OFC-CORE	1.0	EXT	0.0	1.00	71.2	1.25	AIR-CHANGE	0.15	7119.67	71125.50
2-OFC-N	1.0	EXT	0.0	1.00	14.2	1.25	AIR-CHANGE	0.15	1420.42	14190.00
2-MECH-1	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	601.13	6005.29
2-STOR	1.0	INT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	844.96	8441.15
2-MECH-2	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	810.77	8099.59

2-OFC	1.0	EXT	0.0	0.66	13.9	1.25	AIR-CHANGE	0.15	1387.84	13864.52
2-CONF	1.0	EXT	0.0	0.66	4.7	1.25	AIR-CHANGE	0.15	472.94	4724.67
2-SECURITY-SERVE	1.0	EXT	0.0	0.87	1.0	3.00	AIR-CHANGE	0.10	233.73	2334.96
2-SECURITY	1.0	EXT	0.0	0.66	4.2	1.25	AIR-CHANGE	0.15	421.34	4209.19
2-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	65.40	653.35
2-TOILET	1.0	EXT	0.0	0.67	2.8	0.00	AIR-CHANGE	0.10	839.94	8391.00
2-CORR	1.0	INT	0.0	0.50	5.9	0.00	AIR-CHANGE	0.10	1773.39	17716.17
2-TEL	1.0	INT	0.0	1.11	1.0	1.00	AIR-CHANGE	0.10	226.85	2266.23
2-ELEC	1.0	INT	0.0	1.11	1.0	1.00	AIR-CHANGE	0.10	141.51	1413.68
2-ELEV-LOBBY	1.0	INT	0.0	3.13	13.0	0.00	AIR-CHANGE	0.10	648.85	6482.01

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2015LDL RUN 1

BaseC: Design		SIM: VIDARIS, INC								
REPORT- LV-B		SUMMARY OF SPACES OCCURRING IN THE PROJECT					WEATHER FILE- NEW YORK CITY TMY2			
----- (CONTINUED) -----										
2-STAIR	1.0	EXT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	1519.64	15181.20
2-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	25104.46	77571.00
3-OFC-E	3.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.94	23895.48
3-OFC-W	3.0	EXT	0.0	1.00	26.4	1.25	AIR-CHANGE	0.15	2639.68	26370.40
3-OFC-CORE	3.0	EXT	0.0	1.00	105.3	1.25	AIR-CHANGE	0.10	10525.83	105153.04
3-TOILET	3.0	EXT	0.0	0.67	2.4	0.00	AIR-CHANGE	0.10	727.40	7266.73
3-CORR	3.0	EXT	0.0	0.50	3.8	0.00	AIR-CHANGE	0.10	1142.49	11413.47
3-STAIR	3.0	EXT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	1065.64	14471.40
3-ELEV-LOBBY	3.0	INT	0.0	3.13	21.0	0.00	AIR-CHANGE	0.10	1050.87	10498.19
3-OFC-N	3.0	EXT	0.0	1.00	29.9	1.25	AIR-CHANGE	0.15	2992.53	29895.38
3-TEL	3.0	INT	0.0	1.11	1.0	1.00	AIR-CHANGE	0.10	134.47	1343.36
3-ELEC	3.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	173.59	1734.16
3-MECH	3.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	583.39	5828.07
3-JC	3.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	35.36	353.25
3-PLENUM	3.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	25337.15	10499.40
6-OFC-CORE	1.0	INT	0.0	1.00	156.9	1.25	AIR-CHANGE	0.10	15690.40	167887.28
6-OFC-W	1.0	EXT	0.0	1.00	34.6	1.25	AIR-CHANGE	0.15	3461.18	37034.63
6-OFC-E	1.0	EXT	0.0	1.00	31.5	1.25	AIR-CHANGE	0.15	3147.92	33682.74
6-OFC-S	1.0	EXT	0.0	1.00	29.1	1.25	AIR-CHANGE	0.15	2910.96	31147.27
6-CORR	1.0	INT	0.0	0.50	3.8	0.00	AIR-CHANGE	0.10	1142.49	12224.64
6-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	1065.64	15292.00
6-TOILET	1.0	INT	0.0	0.67	2.4	0.00	AIR-CHANGE	0.10	723.29	7739.20
6-ELEV-LOBBY	1.0	INT	0.0	3.13	6.6	0.00	AIR-CHANGE	0.10	327.57	3505.00
6-TEL	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	134.47	1438.83
6-ELEC	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	173.59	1857.41
6-MECH	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	583.39	6242.27
6-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	35.36	378.35
6-OFC-N	1.0	EXT	0.0	1.00	29.9	1.25	AIR-CHANGE	0.15	2992.47	32019.43
6-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	35036.84	109661.60
7-OFC-CORE	2.0	INT	0.0	1.00	156.9	1.25	AIR-CHANGE	0.10	15690.40	167887.28
7-OFC-W	2.0	EXT	0.0	1.00	34.6	1.25	AIR-CHANGE	0.15	3461.18	37034.63
7-OFC-E	2.0	EXT	0.0	1.00	31.5	1.25	AIR-CHANGE	0.15	3147.92	33682.74
7-OFC-S	2.0	EXT	0.0	1.00	29.1	1.25	AIR-CHANGE	0.15	2910.96	31147.27
7-CORR	2.0	INT	0.0	0.50	3.8	0.00	AIR-CHANGE	0.10	1142.49	12224.64
7-STAIR	2.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	1065.64	15292.00
7-TOILET	2.0	INT	0.0	0.67	2.4	0.00	AIR-CHANGE	0.10	723.29	7739.20
7-ELEV-LOBBY	2.0	INT	0.0	3.13	6.6	0.00	AIR-CHANGE	0.10	327.57	3505.00

7-TEL	2.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	134.47	1438.83
7-ELEC	2.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	173.59	1857.41
7-MECH	2.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	583.39	6242.27
7-JC	2.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	35.36	378.35
7-OFC-N	2.0	EXT	0.0	1.00	29.9	1.25	AIR-CHANGE	0.15	2992.47	32019.43
7-PLENUM	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	35036.84	109661.60
9-MECH	1.0	EXT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	24178.89	585129.19
9-GEN	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	2250.00	54450.00
9-STAND-BY	1.0	INT	0.0	0.43	1.0	5.00	AIR-CHANGE	0.10	750.00	18150.00
9-ELEC	1.0	INT	0.0	0.37	1.0	5.00	AIR-CHANGE	0.10	1160.00	28072.00
9-LIFE	1.0	INT	0.0	0.37	1.0	5.00	AIR-CHANGE	0.10	600.00	14520.00
9-CORR	1.0	INT	0.0	0.53	8.0	0.00	AIR-CHANGE	0.10	2405.96	58224.23
9-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	1065.46	25784.13
10-OFC-CORE	1.0	INT	0.0	1.00	85.0	1.25	AIR-CHANGE	0.10	8497.80	109621.62
10-OFC-E	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2389.09	30819.26
10-OFC-S	1.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	25241.30
10-OFC-W	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2390.77	30840.93
10-OFC-N	1.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2004.18	25853.92
10-CORR	1.0	INT	0.0	0.50	3.7	0.00	AIR-CHANGE	0.10	1114.78	14380.66
10-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	837.48	13818.70
1 DOE 2.1E			1 Hudson Blvd, Brooklyn, NY			DOE-2.1E-121 Tue Sep 8 16:00:35				
2015LDL RUN 1										

BaseC: Design			SIM: VIDARIS, INC					WEATHER FILE- NEW YORK CITY TMY2		
REPORT- LV-B	SUMMARY OF SPACES OCCURRING IN THE PROJECT							(CONTINUED)		
10-TOILET	1.0	INT	0.0	0.67	2.3	0.00	AIR-CHANGE	0.10	686.09	8850.56
10-ELEV-LOBBY	1.0	INT	0.0	3.13	6.0	0.00	AIR-CHANGE	0.10	299.87	3868.32
10-TEL	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	134.47	1734.66
10-ELEC	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	168.84	2178.04
10-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	35.36	456.14
10-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
12-OFC-CORE	2.0	INT	0.0	1.00	82.5	1.25	AIR-CHANGE	0.10	8247.22	89069.98
12-CORR	2.0	INT	0.0	0.50	3.4	0.00	AIR-CHANGE	0.10	1011.75	10926.90
12-OFC-E	2.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2389.09	25802.17
12-OFC-S	2.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
12-OFC-N	2.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2004.18	21645.14
12-STAIR	2.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	557.48	7526.12
12-TOILET	2.0	INT	0.0	0.67	2.3	0.00	AIR-CHANGE	0.10	686.09	7409.77
12-ELEV-LOBBY	2.0	INT	0.0	3.13	6.0	0.00	AIR-CHANGE	0.10	299.87	3238.60
12-TEL	2.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	134.47	1452.28
12-ELEC	2.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	168.84	1823.47
12-MECH	2.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	573.85	6197.58
12-JC	2.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	35.36	381.89
12-OFC-W	2.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2390.77	25820.32
12-PLENUM	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
13-OFC-CORE	4.0	INT	0.0	1.00	85.5	1.25	AIR-CHANGE	0.10	8547.85	92316.78
13-CORR	4.0	INT	0.0	0.50	3.4	0.00	AIR-CHANGE	0.10	1011.75	10926.90
13-ELEC-2	4.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.54	1636.63
13-TEL-2	4.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.11	1264.79
13-OFC-E	4.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2389.09	25802.17
13-OFC-S	4.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
13-OFC-N	4.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2004.22	21645.58

13-STAIR	4.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	557.48	7526.12
13-TOILET	4.0	INT	0.0	0.67	2.3	0.00	AIR-CHANGE	0.10	686.09	7409.77
13-ELEV-LOBBY	4.0	INT	0.0	3.13	6.0	0.00	AIR-CHANGE	0.10	299.87	3238.60
13-MECH	4.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	573.85	6197.58
13-JC	4.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	35.36	381.89
13-OFC-W	4.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.32	25826.26
13-PLENUM	4.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
17-TOILET	1.0	INT	0.0	0.67	2.3	0.00	AIR-CHANGE	0.10	686.09	7409.77
17-ELEV-LOBBY	1.0	INT	0.0	3.13	6.0	0.00	AIR-CHANGE	0.10	301.88	3260.30
17-EMR	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	301.88	3260.30
17-OFC-CORE	1.0	INT	0.0	1.00	82.4	1.25	AIR-CHANGE	0.10	8241.57	89008.96
17-CORR	1.0	INT	0.0	0.50	3.4	0.00	AIR-CHANGE	0.10	1011.75	10926.90
17-ELEC	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.54	1636.63
17-TEL	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.11	1264.79
17-OFC-E	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2389.09	25802.17
17-OFC-S	1.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
17-OFC-N	1.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2004.23	21645.68
17-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	557.48	7526.12
17-MECH	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	573.85	6197.58
17-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	35.36	381.89
17-OFC-W	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.32	25826.26
17-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
18-TOILET	1.0	INT	0.0	0.67	2.3	0.00	AIR-CHANGE	0.10	686.09	7409.77
18-ELEV-LOBBY	1.0	INT	0.0	3.13	6.1	0.00	AIR-CHANGE	0.10	303.89	3282.01
18-OFC-CORE	1.0	INT	0.0	1.00	76.4	1.25	AIR-CHANGE	0.10	7641.44	82527.55
18-ELEC	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.54	1636.63
18-TEL	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.11	1264.79
18-OFC-E	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2389.09	25802.17
18-OFC-S	1.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
18-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	557.48	7526.12

1 DOE 2.1E  
2015LDL RUN 1  
BaseC: Design  
REPORT- LV-B SUMMARY OF SPACES OCCURRING IN THE PROJECT

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SIM: VIDARIS, INC

WEATHER FILE- NEW YORK CITY TMY2

(CONTINUED)

18-EMR	1.0	INT	0.0	0.42	1.0	1.00	AIR-CHANGE	0.10	900.00	9720.00
18-MECH	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	573.85	6197.58
18-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	35.36	381.89
18-OFC-W	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.32	25826.26
18-CORR	1.0	INT	0.0	0.50	3.4	0.00	AIR-CHANGE	0.10	1011.75	10926.90
18-OFC-N	1.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2004.19	21645.25
18-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
19-TOILET	1.0	INT	0.0	0.67	2.3	0.00	AIR-CHANGE	0.10	686.09	7409.77
19-ELEV-LOBBY	1.0	INT	0.0	3.13	6.1	0.00	AIR-CHANGE	0.10	303.32	3275.86
19-OFC-CORE	1.0	INT	0.0	1.00	88.4	1.25	AIR-CHANGE	0.10	8844.40	95519.52
19-ELEC	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.54	1636.63
19-TEL	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.11	1264.79
19-OFC-E	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2389.09	25802.17
19-OFC-S	1.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
19-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	557.48	7526.12
19-MECH	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	573.85	6197.58
19-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	35.36	381.89

19-OFC-W	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.33	25826.37
19-CORR	1.0	INT	0.0	0.50	4.3	0.00	AIR-CHANGE	0.10	1291.75	13950.90
19-OFC-N	1.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2004.29	21646.33
19-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
20-OFC-CORE	1.0	INT	0.0	1.00	87.1	1.25	AIR-CHANGE	0.10	8706.08	94025.66
20-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	836.96	11298.96
20-MECH	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	500.26	5402.81
20-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	62.38	673.70
20-TOILET	1.0	INT	0.0	0.67	2.3	0.00	AIR-CHANGE	0.10	686.09	7409.77
20-ELEV-LOBBY	1.0	INT	0.0	3.13	6.1	0.00	AIR-CHANGE	0.10	303.32	3275.86
20-ELEC	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.54	1636.63
20-TEL	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.11	1264.79
20-OFC-E	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2389.09	25802.17
20-OFC-S	1.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
20-OFC-W	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.32	25826.26
20-CORR	1.0	INT	0.0	0.50	4.0	0.00	AIR-CHANGE	0.10	1196.86	12926.09
20-OFC-N	1.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2004.20	21645.36
20-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
21-OFC-CORE	9.0	INT	0.0	1.00	89.4	1.25	AIR-CHANGE	0.10	8941.47	96567.88
21-STAIR	9.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	597.92	8071.92
21-MECH	9.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	500.30	5403.24
21-JC	9.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	62.38	673.70
21-TOILET	9.0	INT	0.0	0.67	2.3	0.00	AIR-CHANGE	0.10	686.48	7413.98
21-ELEV-LOBBY	9.0	INT	0.0	3.13	6.1	0.00	AIR-CHANGE	0.10	303.32	3275.86
21-ELEC	9.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.73	1638.68
21-TEL	9.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.27	1266.52
21-OFC-E	9.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2392.26	25836.41
21-OFC-W	9.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.33	25826.37
21-CORR	9.0	INT	0.0	0.50	4.0	0.00	AIR-CHANGE	0.10	1196.93	12926.84
21-OFC-N	9.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2003.94	21642.55
21-OFC-S	9.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
21-PLENUM	9.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
30-OFC-CORE	1.0	INT	0.0	1.00	86.4	1.25	AIR-CHANGE	0.10	8636.06	93269.45
30-TOILET	1.0	INT	0.0	0.67	2.2	0.00	AIR-CHANGE	0.10	646.32	6980.26
30-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	598.04	8073.54
30-EMR	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	280.00	3024.00
30-MECH	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	500.30	5403.24
30-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	62.38	673.70
30-ELEV-LOBBY	1.0	INT	0.0	3.13	13.0	0.00	AIR-CHANGE	0.10	648.49	7003.69
30-ELEC	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.75	1638.90

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-B SUMMARY OF SPACES OCCURRING IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

30-TEL	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.27	1266.52
30-OFC-E	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2392.26	25836.41
30-OFC-W	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2390.77	25820.32
30-CORR	1.0	INT	0.0	0.50	3.1	0.00	AIR-CHANGE	0.10	916.93	9902.84
30-OFC-N	1.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2003.84	21641.47
30-OFC-S	1.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
30-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00

31-MECH	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	303.32	3275.86
31-OFC-CORE	1.0	INT	0.0	1.00	85.2	1.25	AIR-CHANGE	0.10	8516.06	91973.34
31-TOILET	1.0	INT	0.0	0.67	2.2	0.00	AIR-CHANGE	0.10	646.32	6980.26
31-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	598.04	8073.54
31-EMR	1.0	INT	0.0	0.42	1.0	1.00	AIR-CHANGE	0.10	900.30	9723.24
31-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	62.38	673.70
31-ELEV-LOBBY	1.0	INT	0.0	3.13	6.9	0.00	AIR-CHANGE	0.10	345.17	3727.84
31-ELEC	1.0	INT	0.0	1.11	1.0	1.00	AIR-CHANGE	0.10	151.75	1638.90
31-TEL	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.27	1266.52
31-OFC-E	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2392.26	25836.41
31-OFC-W	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.33	25826.37
31-OFC-N	1.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2003.92	21642.34
31-OFC-S	1.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
31-CORR	1.0	INT	0.0	0.50	3.1	0.00	AIR-CHANGE	0.10	916.93	9902.84
31-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
32-EMR	2.0	INT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	890.79	9620.53
32-OFC-CORE	2.0	INT	0.0	1.00	86.4	1.25	AIR-CHANGE	0.10	8636.06	93269.45
32-TOILET	2.0	INT	0.0	0.67	2.2	0.00	AIR-CHANGE	0.10	646.32	6980.26
32-STAIR	2.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	598.04	8073.54
32-MECH	2.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	500.30	5403.24
32-JC	2.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	62.38	673.70
32-ELEV-LOBBY	2.0	INT	0.0	3.13	6.9	0.00	AIR-CHANGE	0.10	345.17	3727.84
32-ELEC	2.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.75	1638.90
32-TEL	2.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.27	1266.52
32-OFC-E	2.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2392.26	25836.41
32-OFC-W	2.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.32	25826.26
32-OFC-N	2.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2003.91	21642.23
32-OFC-S	2.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
32-CORR	2.0	INT	0.0	0.50	4.0	0.00	AIR-CHANGE	0.10	1196.93	12926.84
32-PLENUM	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
34-TOILET	6.0	INT	0.0	0.67	2.8	0.00	AIR-CHANGE	0.10	848.35	9162.18
34-OFC-CORE	6.0	INT	0.0	1.00	89.5	1.25	AIR-CHANGE	0.10	8946.02	96617.02
34-STAIR	6.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	581.81	7854.43
34-MECH	6.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	577.03	6231.92
34-JC	6.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	40.49	437.29
34-TENANT	6.0	INT	0.0	0.87	0.0	0.00	AIR-CHANGE	0.10	340.92	3681.94
34-ELEV-LOBBY	6.0	INT	0.0	3.13	6.9	0.00	AIR-CHANGE	0.10	345.17	3727.84
34-ELEC	6.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.75	1638.90
34-TEL	6.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.27	1266.52
34-OFC-E	6.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2392.26	25836.41
34-OFC-W	6.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.32	25826.26
34-OFC-S	6.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
34-CORR	6.0	INT	0.0	0.50	2.1	0.00	AIR-CHANGE	0.10	636.26	6871.61
34-OFC-N	6.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2003.90	21642.12
34-PLENUM	6.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
40-MECH	2.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	641.55	6928.74
40-STAIR	2.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	517.13	5585.00
40-TOILET	2.0	INT	0.0	0.67	2.8	0.00	AIR-CHANGE	0.10	848.35	9162.18
40-OFC-CORE	2.0	INT	0.0	1.00	89.5	1.25	AIR-CHANGE	0.10	8946.02	96617.02
40-JC	2.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	40.49	437.29

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40-ELEV-LOBBY	2.0	INT	0.0	3.13	13.7	0.00	AIR-CHANGE	0.10	686.48	7413.98
40-ELEC	2.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.73	1638.68
40-TEL	2.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.27	1266.52
40-OFC-E	2.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2392.26	25836.41
40-OFC-W	2.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.33	25826.37
40-OFC-S	2.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
40-CORR	2.0	INT	0.0	0.50	4.0	0.00	AIR-CHANGE	0.10	1196.26	12919.61
40-OFC-N	2.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2003.92	21642.34
40-PLENUM	2.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
42-EMR	1.0	INT	0.0	0.42	1.0	1.00	AIR-CHANGE	0.10	900.00	9720.00
42-JC	1.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	40.49	437.29
42-MECH	1.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	641.55	6928.74
42-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	517.13	6981.25
42-TOILET	1.0	INT	0.0	0.67	2.8	0.00	AIR-CHANGE	0.10	848.35	9162.18
42-OFC-CORE	1.0	INT	0.0	1.00	88.2	1.25	AIR-CHANGE	0.10	8816.38	95216.91
42-ELEV-LOBBY	1.0	INT	0.0	3.13	6.8	0.00	AIR-CHANGE	0.10	341.31	3686.15
42-ELEC	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.73	1638.68
42-TEL	1.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.27	1266.52
42-OFC-E	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2392.26	25836.41
42-OFC-W	1.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.32	25826.26
42-OFC-S	1.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
42-CORR	1.0	INT	0.0	0.50	4.0	0.00	AIR-CHANGE	0.10	1196.26	12919.61
42-OFC-N	1.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2003.90	21642.12
42-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
43-TENANT	8.0	INT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	770.36	8319.89
43-JC	8.0	INT	0.0	0.35	0.0	0.00	AIR-CHANGE	0.10	40.49	437.29
43-MECH	8.0	INT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	641.55	6928.74
43-STAIR	8.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	517.13	6981.25
43-TOILET	8.0	INT	0.0	0.67	2.8	0.00	AIR-CHANGE	0.10	848.35	9162.18
43-OFC-CORE	8.0	INT	0.0	1.00	89.5	1.25	AIR-CHANGE	0.10	8946.02	96617.02
43-ELEV-LOBBY	8.0	INT	0.0	3.13	6.8	0.00	AIR-CHANGE	0.10	341.30	3686.04
43-ELEC	8.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	151.73	1638.68
43-TEL	8.0	INT	0.0	0.83	1.0	1.00	AIR-CHANGE	0.10	117.27	1266.52
43-OFC-E	8.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2392.26	25836.41
43-OFC-W	8.0	EXT	0.0	1.00	23.9	1.25	AIR-CHANGE	0.15	2391.33	25826.37
43-OFC-S	8.0	EXT	0.0	1.00	19.6	1.25	AIR-CHANGE	0.15	1956.69	21132.25
43-CORR	8.0	INT	0.0	0.50	4.0	0.00	AIR-CHANGE	0.10	1196.26	12919.61
43-OFC-N	8.0	EXT	0.0	1.00	20.0	1.25	AIR-CHANGE	0.15	2003.98	21642.98
43-PLENUM	8.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
51-MECH-3	1.0	EXT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	2124.44	35053.26
51-MECH-2	1.0	EXT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	2606.35	43004.78
51-MECH-1	1.0	EXT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	1871.00	30871.50
51-TBD-2	1.0	INT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	1703.11	28101.31
51-TBD-3	1.0	EXT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	1253.22	20678.13
51-TBD-4	1.0	INT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	1513.64	24975.06
51-FIRE	1.0	EXT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	608.49	10040.09
51-MECH-4	1.0	EXT	0.0	0.38	1.0	0.25	AIR-CHANGE	0.10	656.66	10834.89
51-ELEC-3	1.0	EXT	0.0	0.37	1.0	5.00	AIR-CHANGE	0.10	947.90	15640.35
51-STOR	1.0	INT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	564.15	9308.47

51-TBD-1	1.0	EXT	0.0	0.24	0.0	0.00	AIR-CHANGE	0.10	1081.76	17849.04
51-ELEC-1	1.0	EXT	0.0	0.37	1.0	5.00	AIR-CHANGE	0.10	1268.52	20930.58
51-CORR	1.0	INT	0.0	0.53	3.3	0.00	AIR-CHANGE	0.10	977.25	16124.62
51-SHAFT	1.0	INT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	639.92	10558.68
51-ELEC-2	1.0	EXT	0.0	0.37	1.0	5.00	AIR-CHANGE	0.10	776.43	12811.10
51-PLENUM-2	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	821.65	13557.22
51-GEN	1.0	EXT	0.0	0.64	1.0	0.25	AIR-CHANGE	0.10	3061.50	50514.75
51-STAIR	1.0	INT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	571.93	9436.85

1 DOE 2.1E 1 Hudson Blvd, Brooklyn, NY DOE-2.1E-121 Tue Sep 8 16:00:35

2015LDL RUN 1

BaseC: Design		SIM: VIDARIS, INC				
REPORT- LV-B	SUMMARY OF SPACES OCCURRING IN THE PROJECT				WEATHER FILE- NEW YORK CITY TMY2	
				(CONTINUED)		

51-PLENUM	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.00	23047.19	69014.00
51M-ELEV-LOB	1.0	INT	0.0	3.13	2.7	0.00	AIR-CHANGE	0.10	135.75	1612.71
51M-DAS	1.0	EXT	0.0	0.87	1.0	3.00	AIR-CHANGE	0.10	848.02	10074.48
51M-EMR	1.0	EXT	0.0	1.50	1.0	3.00	AIR-CHANGE	0.10	859.88	10215.38
51M-SHAFT	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	136.00	1615.68
51M-STORAGE	1.0	EXT	0.0	0.87	0.0	0.00	AIR-CHANGE	0.10	547.70	6506.68
51M-STAIR	1.0	EXT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	281.79	3347.67
51M-CORR	1.0	EXT	0.0	0.50	1.6	0.00	AIR-CHANGE	0.10	479.11	5691.83
52-ELEV-LOB	1.0	EXT	0.0	2.82	2.7	0.00	AIR-CHANGE	0.10	135.75	3230.85
52-SHAFT	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.10	136.00	3236.80
52-STAIR	1.0	EXT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	281.79	6706.60
53-EMR	1.0	EXT	0.0	1.50	1.0	3.00	AIR-CHANGE	0.10	271.64	4305.49
53-STAIR	1.0	EXT	0.0	0.29	2.0	0.00	AIR-CHANGE	0.10	281.79	4466.37

BUILDING TOTALS		10156.0		2395511.50 18525132.00	
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1 DOE 2.1E 1 Hudson Blvd, Brooklyn, NY DOE-2.1E-121 Tue Sep 8 11:04:41

2015LDL RUN 1

BaseC: Design		SIM: VIDARIS, INC				
REPORT- LV-D	DETAILS OF EXTERIOR SURFACES IN THE PROJECT				WEATHER FILE- New York CityNY TMY2	

NUMBER OF EXTERIOR SURFACES 349 RECTANGULAR 349 OTHER 0  
(U-VALUE INCLUDES OUTSIDE AIR FILM; WINDOW INCLUDES FRAME, IF DEFINED)

SURFACE	SPACE	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	U-VALUE (BTU/HR-SQFT-F)	AREA (SQFT)	AZIMUTH
	C2-CORR	0.000	0.00	0.606	476.55	0.606	476.55	UNDERGRND
	C2-CORR	0.000	0.00	0.020	1631.35	0.020	1631.35	UNDERGRND
	C2-STOR	0.000	0.00	0.606	155.11	0.606	155.11	UNDERGRND
	C2-STOR	0.000	0.00	0.020	358.34	0.020	358.34	UNDERGRND



C2-STAIR	0.000	0.00	0.606	114.75	0.606	114.75	UNDERGRND
C2-STAIR	0.000	0.00	0.020	904.81	0.020	904.81	UNDERGRND
C2-TENANT	0.000	0.00	0.606	3721.95	0.606	3721.95	UNDERGRND
C2-TENANT	0.000	0.00	0.020	6390.40	0.020	6390.40	UNDERGRND
C2-MECH	0.000	0.00	0.606	702.00	0.606	702.00	UNDERGRND
C2-MECH	0.000	0.00	0.020	625.00	0.020	625.00	UNDERGRND
C2-MECH	0.000	0.00	0.020	682.00	0.020	682.00	UNDERGRND
C2-BIKE-1	0.000	0.00	0.020	1670.36	0.020	1670.36	UNDERGRND
SHAFT	0.000	0.00	0.606	2037.42	0.606	2037.42	UNDERGRND
SHAFT	0.000	0.00	0.020	982.20	0.020	982.20	UNDERGRND
C1-STAIR	0.000	0.00	0.050	163.02	0.050	163.02	ROOF
C1-WATER	0.000	0.00	0.050	141.76	0.050	141.76	ROOF
C1-WATER	0.000	0.00	0.050	302.00	0.050	302.00	ROOF
C1-GAS	0.000	0.00	0.050	170.72	0.050	170.72	ROOF
C1-TRANS-VAULT	0.000	0.00	0.050	679.67	0.050	679.67	ROOF
C1-CORR	0.000	0.00	0.606	557.55	0.606	557.55	UNDERGRND
C1-STAIR	0.000	0.00	0.606	1698.84	0.606	1698.84	UNDERGRND
C1-STORM	0.000	0.00	0.606	458.33	0.606	458.33	UNDERGRND
C1-MECH	0.000	0.00	0.606	680.13	0.606	680.13	UNDERGRND
C1-TELE	0.000	0.00	0.606	292.95	0.606	292.95	UNDERGRND
C1-WATER	0.000	0.00	0.606	196.29	0.606	196.29	UNDERGRND
C1-GAS	0.000	0.00	0.606	824.04	0.606	824.04	UNDERGRND
C1-TRANS-VAULT	0.000	0.00	0.606	941.08	0.606	941.08	UNDERGRND
C1-TRANS-VAULT	0.000	0.00	0.020	707.56	0.020	707.56	UNDERGRND
1-LOBBY	0.337	2161.99	0.374	3061.75	0.359	5223.74	NORTH
1-LOBBY	0.000	0.00	0.374	192.40	0.374	192.40	NORTH

1-RETAIL	0.337	2239.95	0.159	111.33	0.329	2351.28	NORTH
1-RETAIL	0.000	0.00	0.374	83.33	0.374	83.33	EAST
1-CORR	0.000	0.00	0.090	47.72	0.090	47.72	EAST
1-LOBBY	0.337	1062.60	0.374	29.21	0.338	1091.81	EAST
1-RETAIL	0.337	1350.75	0.159	705.57	0.276	2056.32	EAST
1-STAIR	0.337	178.85	0.374	6.69	0.338	185.54	EAST
1-BOH	0.000	0.00	0.090	105.69	0.090	105.69	SOUTH
1-LOADING	0.000	0.00	0.090	845.06	0.090	845.06	SOUTH
1-LOADING	0.000	0.00	0.090	697.93	0.090	697.93	SOUTH
1-CORR	0.000	0.00	0.090	1656.14	0.090	1656.14	SOUTH
1-STAIR	0.000	0.00	0.090	561.51	0.090	561.51	SOUTH
1-RETAIL	0.000	0.00	0.045	163.89	0.045	163.89	SOUTH
1-CORR	0.000	0.00	0.090	490.74	0.090	490.74	SOUTH
1-STAIR	0.000	0.00	0.090	236.76	0.090	236.76	WEST
1-STAIR	0.000	0.00	0.090	17.69	0.090	17.69	WEST
1-LOADING	0.000	0.00	0.090	1146.77	0.090	1146.77	WEST
1-LOBBY	0.337	1483.50	0.374	1098.28	0.353	2581.78	WEST
1-LOBBY	0.337	268.58	0.374	546.58	0.362	815.16	WEST
1-CORR	0.000	0.00	0.090	178.79	0.090	178.79	WEST
1-MESS	0.000	0.00	0.374	299.64	0.374	299.64	WEST
1-RETAIL	0.337	1167.67	0.374	189.09	0.342	1356.76	WEST
1-LOBBY	0.000	0.00	0.064	1138.99	0.064	1138.99	FLOOR
1-LOBBY	0.000	0.00	0.064	981.09	0.064	981.09	FLOOR
1-PLENUM	0.000	0.00	0.374	549.99	0.374	549.99	NORTH
1-PLENUM	0.000	0.00	0.374	65.21	0.374	65.21	NORTH
1-PLENUM	0.000	0.00	0.374	260.82	0.374	260.82	NORTH

1-PLENUM	0.000	0.00	0.374	153.33	0.374	153.33	EAST
1-PLENUM	0.000	0.00	0.374	429.98	0.374	429.98	EAST
1-PLENUM	0.000	0.00	0.090	66.28	0.090	66.28	SOUTH
1-PLENUM	0.000	0.00	0.374	445.30	0.374	445.30	WEST
1-PLENUM	0.000	0.00	0.374	49.26	0.374	49.26	WEST
2-OFC-N	0.337	463.20	0.159	443.39	0.250	906.59	NORTH
2-OFC-N	0.337	141.00	0.374	24.56	0.343	165.56	NORTH
2-OFC-W	0.337	41.30	0.374	46.99	0.357	88.29	NORTH
2-OFC	0.337	276.09	0.159	184.05	0.266	460.14	EAST
2-CONF	0.337	172.02	0.374	74.04	0.348	246.06	EAST
2-SECURITY-SERVE	0.337	68.88	0.374	16.30	0.344	85.18	EAST
2-OFC-CORE	0.000	0.00	0.090	335.66	0.090	335.66	SOUTH
2-SECURITY-SERVE	0.000	0.00	0.090	245.85	0.090	245.85	SOUTH
2-SECURITY	0.000	0.00	0.090	69.53	0.090	69.53	SOUTH
2-TOILET	0.000	0.00	0.090	313.89	0.090	313.89	SOUTH
2-STAIR	0.000	0.00	0.090	391.31	0.090	391.31	SOUTH
2-STAIR	0.000	0.00	0.090	358.14	0.090	358.14	SOUTH
2-OFC-W	0.000	0.00	0.090	156.74	0.090	156.74	SOUTH
2-OFC-N	0.337	52.32	0.374	52.27	0.356	104.60	WEST
2-OFC-W	0.337	837.56	0.159	1234.17	0.231	2071.73	WEST
2-OFC-W	0.000	0.00	0.374	157.84	0.374	157.84	WEST
2-PLENUM	0.000	0.00	0.374	786.81	0.374	786.81	NORTH
2-PLENUM	0.000	0.00	0.374	588.54	0.374	588.54	EAST
2-PLENUM	0.000	0.00	0.090	407.00	0.090	407.00	SOUTH
2-PLENUM	0.000	0.00	0.374	294.58	0.374	294.58	WEST
3-OFC-N	0.337	3164.43	0.159	1613.39	0.277	4777.82	NORTH

3-OFC-N	0.000	0.00	0.045	672.00	0.045	672.00	NORTH
3-OFC-E	0.000	0.00	0.045	599.40	0.045	599.40	EAST
3-OFC-E	0.000	0.00	0.374	327.60	0.374	327.60	EAST
3-OFC-E	0.337	1875.52	0.159	3369.23	0.223	5244.75	EAST
3-OFC-CORE	0.000	0.00	0.090	779.22	0.090	779.22	SOUTH
3-OFC-CORE	0.000	0.00	0.090	810.09	0.090	810.09	SOUTH
3-OFC-CORE	0.000	0.00	0.090	389.61	0.090	389.61	SOUTH
3-TOILET	0.000	0.00	0.090	714.48	0.090	714.48	SOUTH
3-CORR	0.000	0.00	0.090	292.21	0.090	292.21	SOUTH
3-STAIR	0.000	0.00	0.090	937.16	0.090	937.16	SOUTH
3-STAIR	0.000	0.00	0.090	881.12	0.090	881.12	SOUTH
3-OFC-E	0.000	0.00	0.090	767.23	0.090	767.23	SOUTH
3-OFC-W	0.000	0.00	0.090	629.97	0.090	629.97	SOUTH
3-OFC-E	0.000	0.00	0.090	734.26	0.090	734.26	WEST
3-OFC-W	0.337	1838.33	0.159	2174.66	0.241	4012.98	WEST
3-OFC-W	0.000	0.00	0.090	734.26	0.090	734.26	WEST
3-OFC-E	0.000	0.00	0.045	239.76	0.045	239.76	WEST
3-PLENUM	0.000	0.00	0.374	1721.92	0.374	1721.92	NORTH
3-PLENUM	0.000	0.00	0.374	1287.44	0.374	1287.44	EAST
3-PLENUM	0.000	0.00	0.374	1405.95	0.374	1405.95	WEST
6-OFC-N	0.000	0.00	0.159	267.80	0.159	267.80	NORTH
6-OFC-N	0.337	1816.83	0.159	0.71	0.337	1817.54	NORTH
6-OFC-E	0.337	1621.52	0.159	0.63	0.337	1622.15	EAST
6-OFC-S	0.337	1285.10	0.159	588.06	0.281	1873.16	SOUTH
6-OFC-W	0.337	1831.28	0.159	46.82	0.333	1878.10	WEST
6-OFC-S	0.000	0.00	0.044	8734.15	0.044	8734.15	FLOOR

6-PLENUM	0.000	0.00	0.374	62.37	0.374	62.37	NORTH
6-PLENUM	0.000	0.00	0.374	500.26	0.374	500.26	NORTH
6-PLENUM	0.000	0.00	0.090	109.20	0.090	109.20	EAST
6-PLENUM	0.000	0.00	0.374	437.91	0.374	437.91	EAST
6-PLENUM	0.000	0.00	0.090	566.51	0.090	566.51	SOUTH
6-PLENUM	0.000	0.00	0.090	568.19	0.090	568.19	WEST
7-OFC-N	0.337	3016.98	0.159	1315.67	0.283	4332.64	NORTH
7-OFC-E	0.337	3243.03	0.159	127.25	0.330	3370.29	EAST
7-OFC-S	0.337	2372.31	0.159	963.09	0.286	3335.40	SOUTH
7-OFC-S	0.000	0.00	0.159	556.40	0.159	556.40	SOUTH
7-OFC-W	0.337	2012.40	0.374	1889.68	0.355	3902.08	WEST
7-PLENUM	0.000	0.00	0.374	1147.95	0.374	1147.95	NORTH
7-PLENUM	0.000	0.00	0.374	165.62	0.374	165.62	EAST
7-PLENUM	0.000	0.00	0.374	1003.21	0.374	1003.21	EAST
7-PLENUM	0.000	0.00	0.374	799.53	0.374	799.53	SOUTH
7-PLENUM	0.000	0.00	0.374	236.60	0.374	236.60	SOUTH
7-PLENUM	0.000	0.00	0.090	1169.00	0.090	1169.00	SOUTH
7-PLENUM	0.000	0.00	0.374	1276.38	0.374	1276.38	WEST
9-MECH	0.000	0.00	0.110	242.00	0.110	242.00	NORTH
9-MECH	0.000	0.00	0.110	484.00	0.110	484.00	NORTH
9-MECH	0.000	0.00	0.110	484.00	0.110	484.00	NORTH
9-MECH	0.000	0.00	0.110	242.00	0.110	242.00	NORTH
9-MECH	0.000	0.00	0.110	252.41	0.110	252.41	NORTH
9-MECH	0.000	0.00	0.374	1160.63	0.374	1160.63	NORTH
9-MECH	0.000	0.00	0.374	1548.80	0.374	1548.80	NORTH
9-MECH	0.000	0.00	0.110	484.00	0.110	484.00	NORTH

9-MECH	0.000	0.00	0.374	4042.58	0.374	4042.58	EAST
9-MECH	0.000	0.00	0.110	363.00	0.110	363.00	SOUTH
9-MECH	0.000	0.00	0.110	363.00	0.110	363.00	SOUTH
9-MECH	0.000	0.00	0.110	484.00	0.110	484.00	SOUTH
9-MECH	0.000	0.00	0.374	251.68	0.374	251.68	SOUTH
9-MECH	0.000	0.00	0.110	484.00	0.110	484.00	SOUTH
9-MECH	0.000	0.00	0.374	1981.98	0.374	1981.98	SOUTH
9-MECH	0.000	0.00	0.374	1285.46	0.374	1285.46	SOUTH
9-MECH	0.000	0.00	0.110	978.16	0.110	978.16	WEST
9-MECH	0.000	0.00	0.110	484.00	0.110	484.00	WEST
9-MECH	0.000	0.00	0.374	242.00	0.374	242.00	WEST
9-MECH	0.000	0.00	0.110	1452.00	0.110	1452.00	WEST
9-MECH	0.000	0.00	0.374	1258.40	0.374	1258.40	WEST
9-MECH	0.000	0.00	0.045	1898.60	0.045	1898.60	ROOF
9-MECH	0.000	0.00	0.045	2053.38	0.045	2053.38	ROOF
9-MECH	0.000	0.00	0.045	2672.81	0.045	2672.81	ROOF
10-OFC-N	0.396	1488.38	0.201	399.27	0.355	1887.66	NORTH
10-OFC-E	0.396	1602.00	0.201	429.88	0.355	2031.88	EAST
10-OFC-S	0.396	1488.49	0.201	399.30	0.355	1887.79	SOUTH
10-OFC-W	0.396	1596.91	0.201	434.84	0.354	2031.75	WEST
10-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	NORTH
10-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	EAST
10-PLENUM	0.000	0.00	0.201	633.67	0.201	633.67	SOUTH
10-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	WEST
12-OFC-N	0.396	2976.77	0.201	183.96	0.385	3160.73	NORTH
12-OFC-E	0.396	3204.00	0.201	198.22	0.384	3402.22	EAST

12-OFC-S	0.396	2974.33	0.201	186.62	0.384	3160.94	SOUTH
12-OFC-W	0.396	3193.83	0.201	208.17	0.384	3402.00	WEST
12-PLENUM	0.000	0.00	0.201	781.40	0.201	781.40	NORTH
12-PLENUM	0.000	0.00	0.201	841.05	0.201	841.05	EAST
12-PLENUM	0.000	0.00	0.201	781.40	0.201	781.40	SOUTH
12-PLENUM	0.000	0.00	0.201	841.05	0.201	841.05	WEST
13-OFC-N	0.396	5949.06	0.201	372.83	0.384	6321.89	NORTH
13-OFC-E	0.396	6407.59	0.201	396.84	0.384	6804.43	EAST
13-OFC-S	0.396	5952.72	0.201	369.17	0.384	6321.89	SOUTH
13-OFC-W	0.396	6397.42	0.201	406.58	0.384	6804.00	WEST
13-PLENUM	0.000	0.00	0.201	1115.31	0.201	1115.31	NORTH
13-PLENUM	0.000	0.00	0.201	202.92	0.201	202.92	NORTH
13-PLENUM	0.000	0.00	0.201	244.57	0.201	244.57	NORTH
13-PLENUM	0.000	0.00	0.201	1201.50	0.201	1201.50	EAST
13-PLENUM	0.000	0.00	0.201	480.60	0.201	480.60	EAST
13-PLENUM	0.000	0.00	0.201	1562.80	0.201	1562.80	SOUTH
13-PLENUM	0.000	0.00	0.201	1682.10	0.201	1682.10	WEST
17-OFC-N	0.396	1478.31	0.201	102.16	0.383	1580.47	NORTH
17-OFC-E	0.396	1602.00	0.201	99.11	0.384	1701.11	EAST
17-OFC-S	0.396	1488.49	0.201	91.99	0.385	1580.47	SOUTH
17-OFC-W	0.396	1600.98	0.201	100.02	0.384	1701.00	WEST
17-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	NORTH
17-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	EAST
17-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	SOUTH
17-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	WEST
18-OFC-N	0.396	1478.31	0.201	102.16	0.383	1580.47	NORTH

18-OFC-E	0.396	1602.10	0.201	99.01	0.385	1701.11	EAST
18-OFC-S	0.396	1488.49	0.201	91.99	0.385	1580.47	SOUTH
18-OFC-W	0.396	1591.83	0.201	109.17	0.383	1701.00	WEST
18-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	NORTH
18-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	EAST
18-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	SOUTH
18-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	WEST
19-OFC-N	0.396	1488.28	0.201	92.19	0.384	1580.47	NORTH
19-OFC-E	0.396	1601.90	0.201	99.21	0.384	1701.11	EAST
19-OFC-S	0.396	1424.00	0.201	156.47	0.377	1580.47	SOUTH
19-OFC-W	0.396	1601.80	0.201	99.20	0.384	1701.00	WEST
19-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	NORTH
19-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	EAST
19-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	SOUTH
19-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	WEST
20-OFC-N	0.396	1487.98	0.201	92.50	0.384	1580.47	NORTH
20-OFC-E	0.396	1601.80	0.201	99.31	0.384	1701.11	EAST
20-OFC-S	0.396	1467.74	0.201	112.74	0.382	1580.47	SOUTH
20-OFC-W	0.396	1601.49	0.201	99.51	0.384	1701.00	WEST
20-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	NORTH
20-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	EAST
20-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	SOUTH
20-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	WEST
21-OFC-N	0.396	13396.37	0.201	827.88	0.385	14224.25	NORTH
21-OFC-E	0.396	14418.90	0.201	891.07	0.385	15309.97	EAST
21-OFC-S	0.396	13395.46	0.201	828.79	0.384	14224.25	SOUTH



21-OFC-W	0.396	14417.99	0.201	891.01	0.385	15309.00	WEST
21-PLENUM	0.000	0.00	0.201	3516.31	0.201	3516.31	NORTH
21-PLENUM	0.000	0.00	0.201	3784.72	0.201	3784.72	EAST
21-PLENUM	0.000	0.00	0.201	3516.31	0.201	3516.31	SOUTH
21-PLENUM	0.000	0.00	0.201	3784.72	0.201	3784.72	WEST
30-OFC-N	0.396	1488.28	0.201	92.08	0.384	1580.36	NORTH
30-OFC-E	0.396	1602.00	0.201	99.11	0.384	1701.11	EAST
30-OFC-S	0.396	1481.57	0.201	98.90	0.384	1580.47	SOUTH
30-OFC-W	0.396	1596.91	0.201	104.09	0.384	1701.00	WEST
30-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	NORTH
30-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	EAST
30-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	SOUTH
30-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	WEST
31-OFC-N	0.396	1488.18	0.201	92.29	0.384	1580.47	NORTH
31-OFC-E	0.396	1601.90	0.201	99.21	0.384	1701.11	EAST
31-OFC-S	0.396	1487.47	0.201	93.00	0.384	1580.47	SOUTH
31-OFC-W	0.396	1601.69	0.201	99.31	0.384	1701.00	WEST
31-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	NORTH
31-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	EAST
31-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	SOUTH
31-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	WEST
32-OFC-N	0.396	2976.16	0.201	184.79	0.384	3160.94	NORTH
32-OFC-E	0.396	3203.39	0.201	198.83	0.384	3402.22	EAST
32-OFC-S	0.396	2975.55	0.201	185.40	0.384	3160.94	SOUTH
32-OFC-W	0.396	3203.18	0.201	198.82	0.384	3402.00	WEST
32-PLENUM	0.000	0.00	0.201	781.40	0.201	781.40	NORTH

32-PLENUM	0.000	0.00	0.201	841.05	0.201	841.05	EAST
32-PLENUM	0.000	0.00	0.201	781.40	0.201	781.40	SOUTH
32-PLENUM	0.000	0.00	0.201	841.05	0.201	841.05	WEST
34-OFC-N	0.396	8928.47	0.201	554.36	0.384	9482.83	NORTH
34-OFC-E	0.396	9610.16	0.201	596.49	0.384	10206.65	EAST
34-OFC-S	0.396	8871.11	0.201	611.73	0.383	9482.83	SOUTH
34-OFC-W	0.396	9610.77	0.201	595.23	0.384	10206.00	WEST
34-PLENUM	0.000	0.00	0.201	2344.21	0.201	2344.21	NORTH
34-PLENUM	0.000	0.00	0.201	2523.15	0.201	2523.15	EAST
34-PLENUM	0.000	0.00	0.201	2344.21	0.201	2344.21	SOUTH
34-PLENUM	0.000	0.00	0.201	2523.15	0.201	2523.15	WEST
40-OFC-N	0.396	2974.94	0.201	186.01	0.384	3160.94	NORTH
40-OFC-E	0.396	3204.20	0.201	198.02	0.385	3402.22	EAST
40-OFC-S	0.396	2970.05	0.201	190.89	0.384	3160.94	SOUTH
40-OFC-W	0.396	3200.95	0.201	201.05	0.384	3402.00	WEST
40-PLENUM	0.000	0.00	0.201	781.40	0.201	781.40	NORTH
40-PLENUM	0.000	0.00	0.201	841.05	0.201	841.05	EAST
40-PLENUM	0.000	0.00	0.201	98.95	0.201	98.95	SOUTH
40-PLENUM	0.000	0.00	0.201	682.45	0.201	682.45	SOUTH
40-PLENUM	0.000	0.00	0.201	841.05	0.201	841.05	WEST
42-OFC-N	0.396	1487.98	0.201	92.50	0.384	1580.47	NORTH
42-OFC-E	0.396	1601.59	0.201	99.52	0.384	1701.11	EAST
42-OFC-S	0.396	1487.98	0.201	92.50	0.384	1580.47	SOUTH
42-OFC-W	0.396	1601.69	0.201	99.31	0.384	1701.00	WEST
42-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	NORTH
42-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	EAST

42-PLENUM	0.000	0.00	0.201	390.70	0.201	390.70	SOUTH
42-PLENUM	0.000	0.00	0.201	420.52	0.201	420.52	WEST
43-OFC-N	0.396	11905.44	0.201	738.33	0.384	12643.78	NORTH
43-OFC-E	0.396	12813.55	0.201	795.32	0.384	13608.86	EAST
43-OFC-S	0.396	11899.75	0.201	744.03	0.384	12643.78	SOUTH
43-OFC-W	0.396	12815.17	0.201	792.83	0.384	13608.00	WEST
43-PLENUM	0.000	0.00	0.201	3125.61	0.201	3125.61	NORTH
43-PLENUM	0.000	0.00	0.201	3364.20	0.201	3364.20	EAST
43-PLENUM	0.000	0.00	0.201	3125.61	0.201	3125.61	SOUTH
43-PLENUM	0.000	0.00	0.201	3364.20	0.201	3364.20	WEST
51-MECH-3	0.000	0.00	0.052	1196.00	0.052	1196.00	NORTH
51-MECH-3	0.000	0.00	0.110	247.50	0.110	247.50	NORTH
51-MECH-3	0.000	0.00	0.201	514.14	0.201	514.14	NORTH
51-MECH-2	0.000	0.00	0.052	920.86	0.052	920.86	NORTH
51-MECH-2	0.000	0.00	0.110	247.50	0.110	247.50	NORTH
51-MECH-2	0.000	0.00	0.110	247.50	0.110	247.50	NORTH
51-MECH-1	0.000	0.00	0.052	484.44	0.052	484.44	NORTH
51-MECH-1	0.000	0.00	0.110	247.50	0.110	247.50	NORTH
51-MECH-3	0.000	0.00	0.052	518.27	0.052	518.27	EAST
51-MECH-2	0.000	0.00	0.110	1666.50	0.110	1666.50	EAST
51-MECH-3	0.000	0.00	0.052	1064.00	0.052	1064.00	EAST
51-MECH-3	0.000	0.00	0.110	330.00	0.110	330.00	EAST
51-MECH-1	0.000	0.00	0.110	330.00	0.110	330.00	EAST
51-TBD-3	0.000	0.00	0.052	462.66	0.052	462.66	EAST
51-MECH-4	0.000	0.00	0.052	250.80	0.052	250.80	EAST
51-ELEC-3	0.000	0.00	0.052	330.66	0.052	330.66	EAST

51-PLenum-2	0.000	0.00	0.052	330.00	0.052	330.00	EAST
51-GEN	0.000	0.00	0.052	141.24	0.052	141.24	EAST
51-FIRE	0.000	0.00	0.052	235.12	0.052	235.12	EAST
51-PLenum-2	0.000	0.00	0.110	247.50	0.110	247.50	SOUTH
51-PLenum-2	0.000	0.00	0.110	319.93	0.110	319.93	SOUTH
51-PLenum-2	0.000	0.00	0.110	247.50	0.110	247.50	SOUTH
51-MECH-3	0.000	0.00	0.052	604.00	0.052	604.00	SOUTH
51-PLenum-2	0.000	0.00	0.110	641.02	0.110	641.02	SOUTH
51-GEN	0.000	0.00	0.052	650.92	0.052	650.92	SOUTH
51-GEN	0.000	0.00	0.052	627.66	0.052	627.66	SOUTH
51-MECH-3	0.000	0.00	0.052	1394.00	0.052	1394.00	WEST
51-TBD-1	0.000	0.00	0.052	480.81	0.052	480.81	WEST
51-PLenum-2	0.000	0.00	0.110	319.93	0.110	319.93	WEST
51-GEN	0.000	0.00	0.052	138.44	0.052	138.44	WEST
51-ELEC-1	0.000	0.00	0.052	515.79	0.052	515.79	WEST
51-ELEC-2	0.000	0.00	0.052	292.38	0.052	292.38	WEST
51-MECH-1	0.000	0.00	0.052	511.33	0.052	511.33	WEST
51-MECH-1	0.000	0.00	0.110	330.00	0.110	330.00	WEST
51-PLenum	0.000	0.00	0.201	146.33	0.201	146.33	NORTH
51-PLenum	0.000	0.00	0.110	157.50	0.110	157.50	EAST
51-PLenum	0.000	0.00	0.201	146.33	0.201	146.33	SOUTH
51-PLenum	0.000	0.00	0.201	157.50	0.201	157.50	WEST
51-PLenum	0.000	0.00	0.045	1436.40	0.045	1436.40	ROOF
51-PLenum	0.000	0.00	0.045	750.97	0.045	750.97	ROOF
51-PLenum	0.000	0.00	0.045	2964.00	0.045	2964.00	ROOF
51-PLenum	0.000	0.00	0.045	5415.99	0.045	5415.99	ROOF

51-PLENUM	0.000	0.00	0.045	1774.36	0.045	1774.36	ROOF
51-PLENUM	0.000	0.00	0.045	3636.34	0.045	3636.34	ROOF
51-PLENUM	0.000	0.00	0.045	1374.59	0.045	1374.59	ROOF
51-PLENUM	0.000	0.00	0.045	3052.68	0.045	3052.68	ROOF
51M-DAS	0.000	0.00	0.110	339.89	0.110	339.89	NORTH
51M-EMR	0.000	0.00	0.110	343.81	0.110	343.81	NORTH
51M-CORR	0.000	0.00	0.110	116.54	0.110	116.54	NORTH
51M-STORAGE	0.000	0.00	0.110	227.98	0.110	227.98	EAST
51M-EMR	0.000	0.00	0.110	352.95	0.110	352.95	EAST
51M-DAS	0.000	0.00	0.064	236.43	0.064	236.43	EAST
51M-STAIR	0.000	0.00	0.052	343.81	0.052	343.81	SOUTH
51M-CORR	0.000	0.00	0.110	116.54	0.110	116.54	SOUTH
51M-STORAGE	0.000	0.00	0.110	156.82	0.110	156.82	SOUTH
51M-EMR	0.000	0.00	0.110	352.95	0.110	352.95	WEST
51M-SHAFT	0.000	0.00	0.110	111.55	0.110	111.55	WEST
51M-STAIR	0.000	0.00	0.110	115.71	0.110	115.71	WEST
51M-EMR	0.000	0.00	0.045	859.81	0.045	859.81	ROOF
51M-CORR	0.000	0.00	0.045	3934.87	0.045	3934.87	ROOF
52-SHAFT	0.000	0.00	0.064	396.32	0.064	396.32	NORTH
52-ELEV-LOB	0.000	0.00	0.064	396.04	0.064	396.04	NORTH
52-STAIR	0.000	0.00	0.064	155.55	0.064	155.55	EAST
52-ELEV-LOB	0.000	0.00	0.064	149.80	0.064	149.80	EAST
52-STAIR	0.000	0.00	0.064	633.67	0.064	633.67	SOUTH
52-SHAFT	0.000	0.00	0.064	203.37	0.064	203.37	WEST
52-STAIR	0.000	0.00	0.064	231.81	0.064	231.81	WEST
53-EMR	0.000	0.00	0.064	458.70	0.064	458.70	NORTH

53-STAIR	0.000	0.00	0.064	155.55	0.064	155.55	EAST
53-EMR	0.000	0.00	0.064	149.80	0.064	149.80	EAST
53-STAIR	0.000	0.00	0.064	633.67	0.064	633.67	SOUTH
53-EMR	0.000	0.00	0.064	203.37	0.064	203.37	WEST
53-STAIR	0.000	0.00	0.064	210.95	0.064	210.95	WEST
53-EMR	0.000	0.00	0.050	119.81	0.050	119.81	ROOF
53-STAIR	0.000	0.00	0.050	119.81	0.050	119.81	ROOF

1 DOE 2.1E	1 Hudson Blvd, Brooklyn, NY	DOE-2.1E-121	Tue Sep 8 11:04:41
2015LDL RUN 1			
BaseC: Design	SIM: VIDARIS, INC		
REPORT- LV-D	DETAILS OF EXTERIOR SURFACES IN THE PROJECT	WEATHER FILE- New York CityNY TMY2	
----- (CONTINUED) -----			

	AVERAGE U-VALUE / WINDOWS (BTU/HR-SQFT-F)	AVERAGE U-VALUE / WALLS (BTU/HR-SQFT-F)	AVERAGE U-VALUE WALLS+WINDOWS (BTU/HR-SQFT-F)	WINDOW AREA (SQFT)	WALL AREA (SQFT)	WINDOW+WALL AREA (SQFT)
NORTH	0.386	0.218	0.323	74038.6	44178.3	118216.8
EAST	0.388	0.208	0.323	75526.3	42674.3	118200.6
SOUTH	0.393	0.165	0.294	64510.6	49043.4	113553.9
WEST	0.389	0.201	0.317	75124.3	46682.1	121806.3
FLOOR	0.000	0.048	0.048	0.0	10854.2	10854.2
ROOF	0.000	0.045	0.045	0.0	33521.6	33521.6
ALL WALLS	0.389	0.197	0.314	289199.8	182577.9	471777.6
WALLS+ROOFS	0.389	0.174	0.297	364324.0	229260.0	593583.9
UNDERGRND	0.000	0.301	0.301	0.0	26809.0	26809.0
BUILDING	0.389	0.187	0.297	364324.0	256069.0	620392.9

1 DOE 2.1E	1 Hudson Blvd, Brooklyn, NY	DOE-2.1E-121	Tue Sep 8 16:00:35
2015LDL RUN 1			
BaseC: Design	SIM: VIDARIS, INC		
REPORT- LV-F	DETAILS OF INTERIOR SURFACES IN THE PROJECT	WEATHER FILE- NEW YORK CITY TMY2	

NUMBER OF INTERIOR SURFACES1654  
(U-VALUE INCLUDES BOTH AIR FILMS)

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE ( BTU/HR-SQFT-F )	ADJACENT SPACES	
					SPACE-1	SPACE-2
	563.22	IW-CON	DELAYED STANDARD	0.354	C2-FUEL	C2-TENANT
	348.30	IW-CON	DELAYED STANDARD	0.354	C2-FUEL	C2-BIKE-1
	266.49	IW-CON	DELAYED STANDARD	0.354	C2-FUEL	C2-STAIR
	157.01	IW-CON	DELAYED STANDARD	0.354	C2-FUEL	SHAFT
	420.93	IW-CON	DELAYED STANDARD	0.354	C2-BIKE-2	C2-STAIR
	420.93	IW-CON	DELAYED STANDARD	0.354	C2-BIKE-2	SHAFT
	410.13	IW-CON	DELAYED STANDARD	0.354	C2-BIKE-2	C2-CORR
	508.54	IW-CON	DELAYED STANDARD	0.354	C2-CORR	C2-STAIR
	711.99	IW-CON	DELAYED STANDARD	0.354	C2-CORR	SHAFT
	155.11	IW-CON	DELAYED STANDARD	0.354	C2-CORR	C2-STOR
	634.90	IW-CON	DELAYED STANDARD	0.354	C2-CORR	C2-BIKE-1
	776.79	IW-CON	DELAYED STANDARD	0.354	C2-STAIR	C2-TENANT
	479.38	IW-CON	DELAYED STANDARD	0.354	C2-STAIR	C2-BIKE-1
	765.99	IW-CON	DELAYED STANDARD	0.354	C2-TENANT	C2-BIKE-1
	486.00	IW-CON	DELAYED STANDARD	0.354	C2-MECH	C2-TENANT
	200.48	IW-CON	DELAYED STANDARD	0.354	SHAFT	C2-STAIR
	841.99	IW-CON	DELAYED STANDARD	0.354	SHAFT	C2-STOR
	1123.06	IW-CON	DELAYED STANDARD	0.354	SHAFT	C1-MECH
	2076.38	IW-CON	DELAYED STANDARD	0.354	SHAFT	1-RETAIL
	185.77	IW-CON	DELAYED STANDARD	0.354	SHAFT	1-STAIR
	1909.89	IW-CON	DELAYED STANDARD	0.354	SHAFT	2-CORR
	385.96	IW-CON	DELAYED STANDARD	0.354	SHAFT	12-TOILET
	385.96	IW-CON	DELAYED STANDARD	0.354	SHAFT	12-STAIR
	1543.86	IW-CON	DELAYED STANDARD	0.354	SHAFT	13-TOILET
	1543.86	IW-CON	DELAYED STANDARD	0.354	SHAFT	13-STAIR
	385.96	IW-CON	DELAYED STANDARD	0.354	SHAFT	17-STAIR
	385.96	IW-CON	DELAYED STANDARD	0.354	SHAFT	18-STAIR
	1350.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	18-CORR
	385.96	IW-CON	DELAYED STANDARD	0.354	SHAFT	19-STAIR
	1076.35	IW-CON	DELAYED STANDARD	0.354	SHAFT	19-CORR
	385.96	IW-CON	DELAYED STANDARD	0.354	SHAFT	20-STAIR
	1076.35	IW-CON	DELAYED STANDARD	0.354	SHAFT	20-CORR
	2700.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	21-OFC-CORE
	2700.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	21-OFC-CORE
	2528.55	IW-CON	DELAYED STANDARD	0.354	SHAFT	21-OFC-CORE
	2700.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	21-STAIR
	777.60	IW-CON	DELAYED STANDARD	0.354	SHAFT	21-STAIR
	2700.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	21-CORR
	2700.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	21-CORR
	2700.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	21-CORR
	1587.60	IW-CON	DELAYED STANDARD	0.354	SHAFT	21-CORR

881.01	IW-CON	DELAYED STANDARD	0.354	SHAFT	30-OFC-CORE
385.96	IW-CON	DELAYED STANDARD	0.354	SHAFT	30-STAIR
1076.35	IW-CON	DELAYED STANDARD	0.354	SHAFT	30-CORR
486.95	IW-CON	DELAYED STANDARD	0.354	SHAFT	31-OFC-CORE
385.96	IW-CON	DELAYED STANDARD	0.354	SHAFT	31-STAIR
1076.35	IW-CON	DELAYED STANDARD	0.354	SHAFT	31-CORR
972.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	32-OFC-CORE
772.20	IW-CON	DELAYED STANDARD	0.354	SHAFT	32-STAIR
1603.80	IW-CON	DELAYED STANDARD	0.354	SHAFT	32-CORR

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
2921.40	IW-CON	DELAYED STANDARD	0.354	SHAFT	34-OFC-CORE	
2349.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	34-STAIR	
2700.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	34-CORR	
1393.20	IW-CON	DELAYED STANDARD	0.354	SHAFT	34-CORR	
974.70	IW-CON	DELAYED STANDARD	0.354	SHAFT	40-OFC-CORE	
772.20	IW-CON	DELAYED STANDARD	0.354	SHAFT	40-STAIR	
1363.50	IW-CON	DELAYED STANDARD	0.354	SHAFT	40-CORR	
622.89	IW-CON	DELAYED STANDARD	0.354	SHAFT	42-CORR	
581.98	IW-CON	DELAYED STANDARD	0.354	SHAFT	42-STAIR	
366.93	IW-CON	DELAYED STANDARD	0.354	SHAFT	42-OFC-CORE	
2700.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	43-CORR	
2281.50	IW-CON	DELAYED STANDARD	0.354	SHAFT	43-CORR	
2700.00	IW-CON	DELAYED STANDARD	0.354	SHAFT	43-STAIR	
1957.50	IW-CON	DELAYED STANDARD	0.354	SHAFT	43-STAIR	
2936.25	IW-CON	DELAYED STANDARD	0.354	SHAFT	43-OFC-CORE	
272.25	FL-CON	DELAYED STANDARD	0.398	SHAFT	C2-STAIR	
595.36	FL-CON	DELAYED STANDARD	0.398	SHAFT	C2-BIKE-2	
778.41	FL-CON	DELAYED STANDARD	0.398	SHAFT	C2-BIKE-1	
18.49	FL-CON	DELAYED STANDARD	0.398	SHAFT	C2-CORR	
23.04	FL-CON	DELAYED STANDARD	0.398	SHAFT	C2-TENANT	
1142.91	IW-CON	DELAYED STANDARD	0.354	C1-CORR	C1-SWITCH	
1009.66	IW-CON	DELAYED STANDARD	0.354	C1-CORR	C1-STAIR	
2947.05	IW-CON	DELAYED STANDARD	0.354	C1-CORR	SHAFT	
292.41	IW-CON	DELAYED STANDARD	0.354	C1-CORR	C1-TELE	
1644.57	IW-CON	DELAYED STANDARD	0.354	C1-CORR	C1-MECH	
126.23	IW-CON	DELAYED STANDARD	0.354	C1-CORR	C1-WATER	
721.17	IW-CON	DELAYED STANDARD	0.354	C1-CORR	C1-STORM	
350.60	IW-CON	DELAYED STANDARD	0.354	C1-CORR	C1-MECH	
114.34	IW-CON	DELAYED STANDARD	0.354	C1-CORR	C1-GAS	
930.25	FL-CON	DELAYED STANDARD	0.398	C1-CORR	C2-CORR	
515.29	FL-CON	DELAYED STANDARD	0.398	C1-CORR	C2-BIKE-1	
234.09	FL-CON	DELAYED STANDARD	0.398	C1-CORR	C2-STAIR	



767.29	FL-CON	DELAYED STANDARD	0.398	C1-CORR	C2-TENANT
338.56	FL-CON	DELAYED STANDARD	0.398	C1-CORR	C2-FUEL
569.16	IW-CON	DELAYED STANDARD	0.354	C1-STAIR	C1-STORM
716.85	IW-CON	DELAYED STANDARD	0.354	C1-STAIR	SHAFT
296.86	IW-CON	DELAYED STANDARD	0.354	C1-STAIR	C1-SWITCH
301.59	IW-CON	DELAYED STANDARD	0.354	C1-STAIR	C1-NWP-COMPT
164.29	IW-CON	DELAYED STANDARD	0.354	C1-STAIR	C1-TRANS-VAULT
231.04	FL-CON	DELAYED STANDARD	0.398	C1-STAIR	C2-FUEL
368.64	FL-CON	DELAYED STANDARD	0.398	C1-STAIR	C2-STAIR
501.76	FL-CON	DELAYED STANDARD	0.398	C1-STAIR	C2-TENANT
306.45	IW-CON	DELAYED STANDARD	0.354	C1-STORM	C1-MECH
1239.04	FL-CON	DELAYED STANDARD	0.398	C1-STORM	C2-FUEL
306.45	IW-CON	DELAYED STANDARD	0.354	C1-MECH	C1-STORM
306.86	IW-CON	DELAYED STANDARD	0.354	C1-MECH	C1-GAS
234.09	FL-CON	DELAYED STANDARD	0.398	C1-MECH	C2-FUEL
302.76	FL-CON	DELAYED STANDARD	0.398	C1-MECH	C2-TENANT
542.89	FL-CON	DELAYED STANDARD	0.398	C1-MECH	C2-TENANT
1683.85	IW-CON	DELAYED STANDARD	0.354	C1-TELE	SHAFT
829.44	FL-CON	DELAYED STANDARD	0.398	C1-TELE	C2-STOR
295.84	FL-CON	DELAYED STANDARD	0.398	C1-TELE	C2-BIKE-2
320.41	FL-CON	DELAYED STANDARD	0.398	C1-FIRE	C2-TENANT
320.41	FL-CON	DELAYED STANDARD	0.398	C1-FIRE	C2-BIKE-1

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

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WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	1073.25	IW-CON	DELAYED STANDARD	0.354	C1-NWP-COMPT	C1-SWITCH
	169.43	IW-CON	DELAYED STANDARD	0.354	C1-NWP-COMPT	C1-WATER
	940.41	IW-CON	DELAYED STANDARD	0.354	C1-NWP-COMPT	C1-TRANS-VAULT
	894.01	FL-CON	DELAYED STANDARD	0.398	C1-NWP-COMPT	C2-TENANT
	139.59	IW-CON	DELAYED STANDARD	0.354	C1-SWITCH	C1-WATER
	1369.00	FL-CON	DELAYED STANDARD	0.398	C1-SWITCH	C2-TENANT
	164.29	IW-CON	DELAYED STANDARD	0.354	C1-WATER	C1-TRANS-VAULT
	543.24	IW-CON	DELAYED STANDARD	0.354	C1-WATER	C1-GAS
	484.00	FL-CON	DELAYED STANDARD	0.398	C1-WATER	C2-TENANT
	750.76	FL-CON	DELAYED STANDARD	0.398	C1-GAS	C2-TENANT
	104.04	FL-CON	DELAYED STANDARD	0.398	C1-TRANS-VAULT	C2-TENANT
	4508.87	IW-CON	DELAYED STANDARD	0.354	1-LOBBY	1-RETAIL
	481.20	IW-CON	DELAYED STANDARD	0.354	1-LOBBY	1-BOH
	395.76	IW-CON	DELAYED STANDARD	0.354	1-LOBBY	1-STOR
	1043.64	IW-CON	DELAYED STANDARD	0.354	1-LOBBY	1-ELEV-LOBBY
	1299.02	IW-CON	DELAYED STANDARD	0.354	1-LOBBY	SHAFT
	916.30	IW-CON	DELAYED STANDARD	0.354	1-LOBBY	1-STAIR
	6893.98	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	1-LOBBY	1-STAIR
	6889.00	CL-CON	DELAYED ADIABATIC	0.805	1-LOBBY	1-STAIR

1244.32	IW-CON	DELAYED STANDARD	0.354	1-STAIR	1-RETAIL
328.25	IW-CON	DELAYED STANDARD	0.354	1-STAIR	SHAFT
162.26	IW-CON	DELAYED STANDARD	0.354	1-STAIR	1-BOH
940.74	IW-CON	DELAYED STANDARD	0.354	1-STAIR	1-MESS
919.30	IW-CON	DELAYED ADIABATIC	0.354	1-STAIR	1-MESS
225.00	CL-CON	DELAYED STANDARD	0.805	1-STAIR	2-MECH-1
492.84	CL-CON	DELAYED ADIABATIC	0.805	1-STAIR	2-MECH-1
15.21	CL-CON	DELAYED ADIABATIC	0.805	1-STAIR	2-MECH-1
166.41	CL-CON	DELAYED STANDARD	0.805	1-STAIR	2-SECURITY-SERVE
582.93	IW-CON	DELAYED STANDARD	0.354	1-RETAIL	1-STAIR
578.97	IW-CON	DELAYED STANDARD	0.354	1-RETAIL	1-BOH
1353.73	IW-CON	DELAYED STANDARD	0.354	1-RETAIL	SHAFT
229.54	IW-CON	DELAYED STANDARD	0.354	1-RETAIL	1-ELEV-LOBBY
9428.41	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	1-RETAIL	1-ELEV-LOBBY
9428.41	CL-CON	DELAYED ADIABATIC	0.805	1-RETAIL	1-ELEV-LOBBY
802.23	IW-CON	DELAYED STANDARD	0.354	1-BOH	1-LOADING
314.98	IW-CON	DELAYED STANDARD	0.354	1-BOH	1-STOR
589.52	IW-CON	DELAYED ADIABATIC	0.354	1-BOH	1-STOR
432.64	CL-CON	DELAYED STANDARD	0.805	1-BOH	2-TOILET
112.36	CL-CON	DELAYED STANDARD	0.805	1-BOH	2-SECURITY
18.49	CL-CON	DELAYED STANDARD	0.805	1-BOH	2-JC
457.45	IW-CON	DELAYED STANDARD	0.354	1-STOR	1-LOADING
267.49	IW-CON	DELAYED STANDARD	0.354	1-STOR	1-TOILET
617.85	IW-CON	DELAYED STANDARD	0.354	1-STOR	SHAFT
445.81	IW-CON	DELAYED STANDARD	0.354	1-STOR	1-ELEV-LOBBY
402.80	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	1-STOR	1-ELEV-LOBBY
404.01	CL-CON	DELAYED ADIABATIC	0.805	1-STOR	1-ELEV-LOBBY
178.56	IW-CON	DELAYED STANDARD	0.354	1-TOILET	1-LOADING
325.45	IW-CON	DELAYED STANDARD	0.354	1-TOILET	SHAFT
68.23	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	1-TOILET	SHAFT
68.89	CL-CON	DELAYED ADIABATIC	0.805	1-TOILET	SHAFT
433.47	IW-CON	DELAYED STANDARD	0.354	1-LOADING	1-CORR
271.91	IW-CON	DELAYED STANDARD	0.354	1-LOADING	SHAFT
3740.55	IW-CON	DELAYED ADIABATIC	0.354	1-LOADING	SHAFT
3047.04	CL-CON	DELAYED ADIABATIC	0.805	1-LOADING	SHAFT

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BaseC: Design

SIM: VIDARIS, INC

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REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	364.81	CL-CON	DELAYED STANDARD	0.805	1-LOADING	2-STAIR
	187.69	CL-CON	DELAYED STANDARD	0.805	1-LOADING	2-TOILET
	1534.15	IW-CON	DELAYED STANDARD	0.354	1-CORR	1-ELEV-LOBBY
	700.26	IW-CON	DELAYED STANDARD	0.354	1-CORR	1-STAIR
	787.80	IW-CON	DELAYED STANDARD	0.354	1-CORR	1-MESS
	128.51	IW-CON	DELAYED STANDARD	0.354	1-CORR	1-LOBBY

380.40	IW-CON	DELAYED STANDARD	0.354	1-CORR	SHAFT
860.25	IW-CON	DELAYED ADIABATIC	0.354	1-CORR	SHAFT
408.04	CL-CON	DELAYED ADIABATIC	0.805	1-CORR	SHAFT
388.09	CL-CON	DELAYED STANDARD	0.805	1-CORR	2-STAIR
29.16	CL-CON	DELAYED STANDARD	0.805	1-CORR	2-ELEV-LOBBY
8029.50	IW-CON	DELAYED STANDARD	0.354	1-ELEV-LOBBY	SHAFT
225.82	IW-CON	DELAYED STANDARD	0.354	1-ELEV-LOBBY	1-STOR
2366.82	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	1-ELEV-LOBBY	1-STOR
2371.69	CL-CON	DELAYED ADIABATIC	0.805	1-ELEV-LOBBY	1-STOR
949.59	IW-CON	DELAYED STANDARD	0.354	1-MESS	1-LOBBY
634.54	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	1-MESS	1-LOBBY
635.04	CL-CON	DELAYED ADIABATIC	0.805	1-MESS	1-LOBBY
700.00	IW-CON	DELAYED STANDARD	0.354	1-PLENUM	SHAFT
700.00	IW-CON	DELAYED STANDARD	0.354	1-PLENUM	SHAFT
450.80	IW-CON	DELAYED STANDARD	0.354	1-PLENUM	SHAFT
637.35	IW-CON	DELAYED STANDARD	0.354	1-PLENUM	1-STAIR
438.20	IW-CON	DELAYED STANDARD	0.354	1-PLENUM	1-LOBBY
1268.64	IW-CON	DELAYED ADIABATIC	0.354	1-PLENUM	1-LOBBY
4467.14	IW-CON	DELAYED ADIABATIC	0.354	1-PLENUM	1-LOBBY
3211.09	IW-CON	DELAYED ADIABATIC	0.354	1-PLENUM	1-LOBBY
25103.23	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	1-PLENUM	1-LOBBY
1254.84	IW-CON	DELAYED STANDARD	0.354	2-OFC-W	2-OFC-CORE
84.64	IW-CON	DELAYED STANDARD	0.354	2-OFC-W	1-CORR
141.61	IW-CON	DELAYED STANDARD	0.354	2-OFC-W	1-STAIR
196.00	IW-CON	DELAYED STANDARD	0.354	2-OFC-W	1-MESS
576.00	IW-CON	DELAYED STANDARD	0.354	2-OFC-W	1-LOBBY
127.69	IW-CON	DELAYED ADIABATIC	0.354	2-OFC-W	1-LOBBY
552.25	IW-CON	DELAYED STANDARD	0.354	2-OFC-W	1-RETAIL
1681.00	CL-CON	DELAYED STANDARD	0.805	2-OFC-W	3-OFC-W
194.90	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	1-LOBBY
370.43	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	2-MECH-1
249.55	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	2-CORR
546.45	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	2-STAIR
873.33	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	SHAFT
104.70	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	2-ELEV-LOBBY
262.44	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	1-CORR
295.84	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	1-STAIR
420.25	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	1-MESS
1436.41	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	1-LOBBY
204.49	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	1-ELEV-LOBBY
2916.00	IW-CON	DELAYED STANDARD	0.354	2-OFC-CORE	1-RETAIL
400.00	CL-CON	DELAYED STANDARD	0.805	2-OFC-CORE	3-OFC-W
4290.25	CL-CON	DELAYED STANDARD	0.805	2-OFC-CORE	3-OFC-CORE
204.49	CL-CON	DELAYED STANDARD	0.805	2-OFC-CORE	3-ELEV-LOBBY
306.25	CL-CON	DELAYED STANDARD	0.805	2-OFC-CORE	3-MECH
342.25	CL-CON	DELAYED STANDARD	0.805	2-OFC-CORE	3-OFC-N
147.75	IW-CON	DELAYED STANDARD	0.354	2-OFC-N	1-LOBBY
1062.24	IW-CON	DELAYED STANDARD	0.354	2-OFC-N	2-OFC-CORE

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2015LDL RUN 1

BaseC: Design

1 Hudson Blvd, Brooklyn, NY

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

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WEATHER FILE- NEW YORK CITY TMY2

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	1260.25	IW-CON	DELAYED STANDARD	0.354	2-OFC-N	1-RETAIL
	8.41	IW-CON	DELAYED STANDARD	0.354	2-OFC-N	1-STAIR
	11.56	CL-CON	DELAYED STANDARD	0.805	2-OFC-N	3-OFC-W
	1260.25	CL-CON	DELAYED STANDARD	0.805	2-OFC-N	3-OFC-N
	171.23	IW-CON	DELAYED STANDARD	0.354	2-MECH-1	1-LOBBY
	350.85	IW-CON	DELAYED STANDARD	0.354	2-MECH-1	SHAFT
	151.05	IW-CON	DELAYED STANDARD	0.354	2-MECH-1	2-CORR
	601.23	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-MECH-1	2-CORR
	600.25	CL-CON	DELAYED ADIABATIC	0.805	2-MECH-1	2-CORR
	391.41	IW-CON	DELAYED STANDARD	0.354	2-STOR	2-MECH-2
	215.48	IW-CON	DELAYED STANDARD	0.354	2-STOR	2-CORR
	291.41	IW-CON	DELAYED STANDARD	0.354	2-STOR	SHAFT
	104.89	IW-CON	DELAYED STANDARD	0.354	2-STOR	2-TEL
	845.06	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-STOR	2-TEL
	846.81	CL-CON	DELAYED ADIABATIC	0.805	2-STOR	2-TEL
	206.69	IW-CON	DELAYED STANDARD	0.354	2-MECH-2	2-CORR
	391.51	IW-CON	DELAYED STANDARD	0.354	2-MECH-2	2-OFC
	810.54	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-MECH-2	2-OFC
	812.25	CL-CON	DELAYED ADIABATIC	0.805	2-MECH-2	2-OFC
	244.16	IW-CON	DELAYED STANDARD	0.354	2-OFC	2-CONF
	77.32	IW-CON	DELAYED STANDARD	0.354	2-OFC	2-SECURITY
	118.88	IW-CON	DELAYED STANDARD	0.354	2-OFC	2-CORR
	1387.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-OFC	2-CORR
	1391.29	CL-CON	DELAYED ADIABATIC	0.805	2-OFC	2-CORR
	160.64	IW-CON	DELAYED STANDARD	0.354	2-CONF	2-SECURITY-SERVE
	215.38	IW-CON	DELAYED STANDARD	0.354	2-CONF	2-SECURITY
	473.06	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-CONF	2-SECURITY
	470.89	CL-CON	DELAYED ADIABATIC	0.805	2-CONF	2-SECURITY
	188.61	IW-CON	DELAYED STANDARD	0.354	2-SECURITY-SERVE	2-SECURITY
	156.25	IW-CON	DELAYED STANDARD	0.354	2-SECURITY-SERVE	1-STAIR
	0.49	IW-CON	DELAYED ADIABATIC	0.354	2-SECURITY-SERVE	1-STAIR
	65.61	IW-CON	DELAYED STANDARD	0.354	2-SECURITY-SERVE	1-RETAIL
	50.41	CL-CON	DELAYED STANDARD	0.805	2-SECURITY-SERVE	3-OFC-CORE
	169.00	CL-CON	DELAYED STANDARD	0.805	2-SECURITY-SERVE	3-OFC-E
	0.49	CL-CON	DELAYED ADIABATIC	0.805	2-SECURITY-SERVE	3-OFC-E
	238.06	IW-CON	DELAYED STANDARD	0.354	2-SECURITY	2-TOILET
	70.13	IW-CON	DELAYED STANDARD	0.354	2-SECURITY	2-JC
	88.01	IW-CON	DELAYED STANDARD	0.354	2-SECURITY	2-CORR
	77.44	IW-CON	DELAYED STANDARD	0.354	2-SECURITY	1-BOH
	324.00	IW-CON	DELAYED STANDARD	0.354	2-SECURITY	1-RETAIL
	8.41	IW-CON	DELAYED STANDARD	0.354	2-SECURITY	1-LOBBY
	361.00	CL-CON	DELAYED STANDARD	0.805	2-SECURITY	3-OFC-CORE
	47.61	CL-CON	DELAYED STANDARD	0.805	2-SECURITY	3-OFC-E
	93.01	IW-CON	DELAYED STANDARD	0.354	2-JC	2-CORR
	163.24	IW-CON	DELAYED STANDARD	0.354	2-JC	2-TOILET

65.45	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-JC	2-TOILET
65.61	CL-CON	DELAYED ADIABATIC	0.805	2-JC	2-TOILET
128.17	IW-CON	DELAYED STANDARD	0.354	2-TOILET	2-CORR
400.90	IW-CON	DELAYED STANDARD	0.354	2-TOILET	2-STAIR
169.00	IW-CON	DELAYED STANDARD	0.354	2-TOILET	1-LOADING
445.21	IW-CON	DELAYED STANDARD	0.354	2-TOILET	1-BOH
144.00	IW-CON	DELAYED STANDARD	0.354	2-TOILET	1-STOR
50.41	IW-CON	DELAYED STANDARD	0.354	2-TOILET	1-LOBBY
445.21	CL-CON	DELAYED STANDARD	0.805	2-TOILET	3-TOILET

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2015LDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

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WEATHER FILE- NEW YORK CITY TMY2

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SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	364.81	CL-CON	DELAYED STANDARD	0.805	2-TOILET	3-OFC-CORE
	1582.62	IW-CON	DELAYED STANDARD	0.354	2-CORR	SHAFT
	202.70	IW-CON	DELAYED STANDARD	0.354	2-CORR	2-ELEV-LOBBY
	295.00	IW-CON	DELAYED STANDARD	0.354	2-CORR	2-STAIR
	104.70	IW-CON	DELAYED STANDARD	0.354	2-CORR	2-ELEC
	1773.25	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-CORR	2-ELEC
	1772.41	CL-CON	DELAYED ADIABATIC	0.805	2-CORR	2-ELEC
	431.97	IW-CON	DELAYED STANDARD	0.354	2-TEL	SHAFT
	104.80	IW-CON	DELAYED STANDARD	0.354	2-TEL	2-ELEC
	226.80	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-TEL	2-ELEC
	228.01	CL-CON	DELAYED ADIABATIC	0.805	2-TEL	2-ELEC
	269.63	IW-CON	DELAYED STANDARD	0.354	2-ELEC	SHAFT
	141.61	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-ELEC	SHAFT
	141.61	CL-CON	DELAYED ADIABATIC	0.805	2-ELEC	SHAFT
	1047.25	IW-CON	DELAYED STANDARD	0.354	2-ELEV-LOBBY	SHAFT
	352.65	IW-CON	DELAYED STANDARD	0.354	2-ELEV-LOBBY	2-STAIR
	648.72	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	2-ELEV-LOBBY	2-STAIR
	650.25	CL-CON	DELAYED ADIABATIC	0.805	2-ELEV-LOBBY	2-STAIR
	798.00	IW-CON	DELAYED STANDARD	0.354	2-STAIR	SHAFT
	392.04	IW-CON	DELAYED STANDARD	0.354	2-STAIR	1-CORR
	334.89	IW-CON	DELAYED STANDARD	0.354	2-STAIR	1-LOADING
	20.25	IW-CON	DELAYED STANDARD	0.354	2-STAIR	1-TOILET
	146.41	IW-CON	DELAYED STANDARD	0.354	2-STAIR	1-STOR
	30.25	IW-CON	DELAYED STANDARD	0.354	2-STAIR	1-LOBBY
	171.61	IW-CON	DELAYED STANDARD	0.354	2-STAIR	1-ELEV-LOBBY
	327.61	IW-CON	DELAYED STANDARD	0.354	2-STAIR	1-RETAIL
	108.16	CL-CON	DELAYED STANDARD	0.805	2-STAIR	3-CORR
	707.56	CL-CON	DELAYED STANDARD	0.805	2-STAIR	3-STAIR
	234.09	CL-CON	DELAYED STANDARD	0.805	2-STAIR	3-TOILET
	42.25	CL-CON	DELAYED STANDARD	0.805	2-STAIR	SHAFT
	9.61	CL-CON	DELAYED STANDARD	0.805	2-STAIR	3-OFC-CORE
	285.61	CL-CON	DELAYED STANDARD	0.805	2-STAIR	3-MECH

30.25	CL-CON	DELAYED STANDARD	0.805	2-STAIR	3-JC
139.90	IW-CON	DELAYED ADIABATIC	0.354	2-PLENUM	3-JC
55.40	IW-CON	DELAYED ADIABATIC	0.354	2-PLENUM	3-JC
73.11	IW-CON	DELAYED ADIABATIC	0.354	2-PLENUM	3-JC
700.00	IW-CON	DELAYED STANDARD	0.354	2-PLENUM	SHAFT
700.00	IW-CON	DELAYED STANDARD	0.354	2-PLENUM	SHAFT
378.00	IW-CON	DELAYED STANDARD	0.354	2-PLENUM	SHAFT
571.90	IW-CON	DELAYED STANDARD	0.354	2-PLENUM	2-STAIR
25103.23	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	2-PLENUM	2-STAIR
25103.23	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	2-PLENUM	2-STAIR
1180.52	IW-CON	DELAYED STANDARD	0.354	3-OFC-E	3-OFC-CORE
265.53	IW-CON	DELAYED STANDARD	0.354	3-OFC-E	3-OFC-N
163.84	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-E	2-SECURITY-SERVE
19.36	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-E	2-SECURITY
484.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-E	2-CONF
864.36	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-E	2-OFC
835.21	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-E	1-LOBBY
2392.19	CL-CON	DELAYED STANDARD	0.805	3-OFC-E	3-PLENUM
1173.03	IW-CON	DELAYED STANDARD	0.354	3-OFC-W	3-OFC-CORE
266.73	IW-CON	DELAYED STANDARD	0.354	3-OFC-W	3-OFC-N
2352.25	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	3-OFC-W	3-OFC-N
210.25	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	3-OFC-W	3-OFC-N

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

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SURFACE NAME	AREA ( SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE ( BTU/HR-SQFT-F )	ADJACENT SPACES	
					SPACE-1	SPACE-2
	2639.90	CL-CON	DELAYED STANDARD	0.805	3-OFC-W	3-PLENUM
	1604.59	IW-CON	DELAYED STANDARD	0.354	3-OFC-CORE	3-OFC-N
	542.86	IW-CON	DELAYED STANDARD	0.354	3-OFC-CORE	3-TOILET
	346.45	IW-CON	DELAYED STANDARD	0.354	3-OFC-CORE	3-ELEV-LOBBY
	765.63	IW-CON	DELAYED STANDARD	0.354	3-OFC-CORE	SHAFT
	534.56	IW-CON	DELAYED STANDARD	0.354	3-OFC-CORE	3-STAIR
	98.00	IW-CON	DELAYED STANDARD	0.354	3-OFC-CORE	3-CORR
	617.58	IW-CON	DELAYED STANDARD	0.354	3-OFC-CORE	3-MECH
	104.70	IW-CON	DELAYED STANDARD	0.354	3-OFC-CORE	3-ELEC
	3918.76	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	3-OFC-CORE	3-ELEC
	338.56	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-TOILET
	295.84	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-SECURITY
	84.64	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-SECURITY-SERVE
	42.25	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-JC
	676.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-CORR
	462.25	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-OFC
	125.44	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	SHAFT
	676.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-STOR
	841.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-MECH-2

42.25	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-TEL
231.04	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	2-MECH-1
2025.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-CORE	1-LOBBY
10526.76	CL-CON	DELAYED STANDARD	0.805	3-OFC-CORE	3-PLENUM
238.16	IW-CON	DELAYED ADIABATIC	0.354	3-TOILET	3-PLENUM
125.67	IW-CON	DELAYED STANDARD	0.354	3-TOILET	3-STAIR
179.22	IW-CON	DELAYED STANDARD	0.354	3-TOILET	SHAFT
216.09	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-TOILET	2-STAIR
475.24	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-TOILET	2-TOILET
727.38	CL-CON	DELAYED STANDARD	0.805	3-TOILET	3-PLENUM
97.40	IW-CON	DELAYED ADIABATIC	0.354	3-CORR	3-PLENUM
1203.00	IW-CON	DELAYED STANDARD	0.354	3-CORR	SHAFT
603.10	IW-CON	DELAYED STANDARD	0.354	3-CORR	3-STAIR
342.96	IW-CON	DELAYED STANDARD	0.354	3-CORR	3-ELEV-LOBBY
104.70	IW-CON	DELAYED STANDARD	0.354	3-CORR	3-TEL
58.44	IW-CON	DELAYED STANDARD	0.354	3-CORR	3-JC
38.16	IW-CON	DELAYED STANDARD	0.354	3-CORR	3-MECH
127.69	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-CORR	2-STAIR
316.84	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-CORR	2-ELEV-LOBBY
734.41	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-CORR	2-CORR
1142.44	CL-CON	DELAYED STANDARD	0.805	3-CORR	3-PLENUM
663.04	IW-CON	DELAYED STANDARD	0.354	3-STAIR	SHAFT
729.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-STAIR	2-STAIR
10.24	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	3-STAIR	2-STAIR
289.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-STAIR	2-MECH-1
1065.37	CL-CON	DELAYED STANDARD	0.805	3-STAIR	3-PLENUM
1835.66	IW-CON	DELAYED STANDARD	0.354	3-ELEV-LOBBY	SHAFT
237.16	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	3-ELEV-LOBBY	SHAFT
484.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-ELEV-LOBBY	2-CORR
125.44	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-ELEV-LOBBY	2-ELEC
174.24	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-ELEV-LOBBY	2-TEL
1050.41	CL-CON	DELAYED STANDARD	0.805	3-ELEV-LOBBY	3-PLENUM
1391.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	3-OFC-N	3-PLENUM
1049.76	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-OFC-N	1-LOBBY
234.09	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	3-OFC-N	1-LOBBY

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REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
2992.09		CL-CON	DELAYED STANDARD	0.805	3-OFC-N	3-PLENUM
256.34		IW-CON	DELAYED STANDARD	0.354	3-TEL	SHAFT
104.70		IW-CON	DELAYED STANDARD	0.354	3-TEL	3-ELEC
129.96		FL-ADIAB-CON	DELAYED STANDARD	0.398	3-TEL	2-ELEV-LOBBY
134.56		CL-CON	DELAYED STANDARD	0.805	3-TEL	3-PLENUM
330.97		IW-CON	DELAYED STANDARD	0.354	3-ELEC	SHAFT

166.41	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-ELEC	2-ELEV-LOBBY
173.71	CL-CON	DELAYED STANDARD	0.805	3-ELEC	3-PLENUM
118.78	IW-CON	DELAYED STANDARD	0.354	3-MECH	3-JC
233.27	IW-CON	DELAYED STANDARD	0.354	3-MECH	SHAFT
278.89	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-MECH	2-STAIR
282.24	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	3-MECH	2-STAIR
583.22	CL-CON	DELAYED STANDARD	0.805	3-MECH	3-PLENUM
60.44	IW-CON	DELAYED STANDARD	0.354	3-JC	SHAFT
32.49	FL-ADIAB-CON	DELAYED STANDARD	0.398	3-JC	2-STAIR
35.40	CL-CON	DELAYED STANDARD	0.805	3-JC	3-PLENUM
241.15	IW-CON	DELAYED ADIABATIC	0.354	3-PLENUM	3-PLENUM
34.12	MTA-CON	DELAYED ADIABATIC	0.093	3-PLENUM	3-PLENUM
168.18	IW-CON	DELAYED ADIABATIC	0.354	3-PLENUM	3-PLENUM
700.00	IW-CON	DELAYED STANDARD	0.354	3-PLENUM	SHAFT
700.00	IW-CON	DELAYED STANDARD	0.354	3-PLENUM	SHAFT
301.00	IW-CON	DELAYED STANDARD	0.354	3-PLENUM	SHAFT
442.75	IW-CON	DELAYED STANDARD	0.354	3-PLENUM	3-STAIR
25344.64	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	3-PLENUM	3-STAIR
25103.23	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	3-PLENUM	3-STAIR
1654.39	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-OFC-N
1307.69	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-STAIR
201.47	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-CORR
636.75	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-MECH
977.68	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	SHAFT
107.94	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-ELEC
245.65	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-TOILET
108.15	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-ELEV-LOBBY
1533.98	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-OFC-E
1481.45	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-OFC-S
1524.19	IW-CON	DELAYED STANDARD	0.354	6-OFC-CORE	6-OFC-W
11221.17	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-OFC-CORE	6-OFC-W
11221.17	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-OFC-CORE	6-OFC-W
4466.96	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-OFC-CORE	6-OFC-W
15690.07	CL-CON	DELAYED STANDARD	0.805	6-OFC-CORE	6-PLENUM
274.91	IW-CON	DELAYED STANDARD	0.354	6-OFC-W	6-OFC-N
283.46	IW-CON	DELAYED STANDARD	0.354	6-OFC-W	6-OFC-S
2650.19	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-OFC-W	6-OFC-S
809.78	FL-CON	DELAYED ADIABATIC	0.398	6-OFC-W	6-OFC-S
3460.97	CL-CON	DELAYED STANDARD	0.805	6-OFC-W	6-PLENUM
254.82	IW-CON	DELAYED STANDARD	0.354	6-OFC-E	6-OFC-S
273.77	IW-CON	DELAYED STANDARD	0.354	6-OFC-E	6-OFC-N
2304.00	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-OFC-E	6-OFC-N
843.92	FL-CON	DELAYED ADIABATIC	0.398	6-OFC-E	6-OFC-N
3148.33	CL-CON	DELAYED STANDARD	0.805	6-OFC-E	6-PLENUM
1642.43	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-OFC-S	6-PLENUM
2910.60	CL-CON	DELAYED STANDARD	0.805	6-OFC-S	6-PLENUM
1240.33	IW-CON	DELAYED STANDARD	0.354	6-CORR	SHAFT
621.81	IW-CON	DELAYED STANDARD	0.354	6-CORR	6-STAIR

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BaseC: Design

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

SIM: VIDARIS, INC

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SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	245.65	IW-CON	DELAYED STANDARD	0.354	6-CORR	6-TOILET
	107.94	IW-CON	DELAYED STANDARD	0.354	6-CORR	6-TEL
	60.26	IW-CON	DELAYED STANDARD	0.354	6-CORR	6-JC
	39.35	IW-CON	DELAYED STANDARD	0.354	6-CORR	6-MECH
	107.94	IW-CON	DELAYED STANDARD	0.354	6-CORR	6-ELEV-LOBBY
	1142.44	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-CORR	6-ELEV-LOBBY
	1142.44	CL-CON	DELAYED STANDARD	0.805	6-CORR	6-PLENUM
	683.82	IW-CON	DELAYED STANDARD	0.354	6-STAIR	SHAFT
	1065.37	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-STAIR	SHAFT
	1065.37	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	6-STAIR	SHAFT
	1249.49	IW-CON	DELAYED STANDARD	0.354	6-TOILET	SHAFT
	723.07	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-TOILET	SHAFT
	723.07	CL-CON	DELAYED STANDARD	0.805	6-TOILET	6-PLENUM
	643.34	IW-CON	DELAYED STANDARD	0.354	6-ELEV-LOBBY	SHAFT
	327.61	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-ELEV-LOBBY	SHAFT
	327.61	CL-CON	DELAYED STANDARD	0.805	6-ELEV-LOBBY	6-PLENUM
	264.30	IW-CON	DELAYED STANDARD	0.354	6-TEL	SHAFT
	107.94	IW-CON	DELAYED STANDARD	0.354	6-TEL	6-ELEC
	134.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-TEL	6-ELEC
	134.56	CL-CON	DELAYED STANDARD	0.805	6-TEL	6-PLENUM
	341.24	IW-CON	DELAYED STANDARD	0.354	6-ELEC	SHAFT
	173.71	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-ELEC	SHAFT
	173.71	CL-CON	DELAYED STANDARD	0.805	6-ELEC	6-PLENUM
	122.47	IW-CON	DELAYED STANDARD	0.354	6-MECH	6-JC
	240.50	IW-CON	DELAYED STANDARD	0.354	6-MECH	SHAFT
	583.22	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-MECH	SHAFT
	583.22	CL-CON	DELAYED STANDARD	0.805	6-MECH	6-PLENUM
	62.32	IW-CON	DELAYED STANDARD	0.354	6-JC	SHAFT
	35.40	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-JC	SHAFT
	35.40	CL-CON	DELAYED STANDARD	0.805	6-JC	6-PLENUM
	2992.09	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	6-OFC-N	6-PLENUM
	2992.09	CL-CON	DELAYED STANDARD	0.805	6-OFC-N	6-PLENUM
	700.00	IW-CON	DELAYED STANDARD	0.354	6-PLENUM	SHAFT
	700.00	IW-CON	DELAYED STANDARD	0.354	6-PLENUM	SHAFT
	306.25	IW-CON	DELAYED STANDARD	0.354	6-PLENUM	SHAFT
	655.55	IW-CON	DELAYED STANDARD	0.354	6-PLENUM	6-STAIR
	35043.84	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	6-PLENUM	6-STAIR
	1718.63	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-OFC-N
	1358.47	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-STAIR
	209.29	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-CORR
	661.47	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-MECH
	1015.64	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	SHAFT
	112.14	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-ELEC
	255.19	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-TOILET
	112.35	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-ELEV-LOBBY

1593.55	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-OFC-E
1538.98	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-OFC-S
1583.39	IW-CON	DELAYED STANDARD	0.354	7-OFC-CORE	7-OFC-W
15690.07	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-OFC-CORE	7-OFC-W
15690.07	CL-CON	DELAYED STANDARD	0.805	7-OFC-CORE	7-PLENUM
285.58	IW-CON	DELAYED STANDARD	0.354	7-OFC-W	7-OFC-N
294.46	IW-CON	DELAYED STANDARD	0.354	7-OFC-W	7-OFC-S
3460.97	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-OFC-W	7-OFC-S
3460.97	CL-CON	DELAYED STANDARD	0.805	7-OFC-W	7-PLENUM

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WEATHER FILE- NEW YORK CITY TMY2

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SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	264.72	IW-CON	DELAYED STANDARD	0.354	7-OFC-E	7-OFC-S
	284.41	IW-CON	DELAYED STANDARD	0.354	7-OFC-E	7-OFC-N
	3148.33	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-OFC-E	7-OFC-N
	3148.33	CL-CON	DELAYED STANDARD	0.805	7-OFC-E	7-PLENUM
	2910.60	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-OFC-S	7-PLENUM
	2910.60	CL-CON	DELAYED STANDARD	0.805	7-OFC-S	7-PLENUM
	1288.49	IW-CON	DELAYED STANDARD	0.354	7-CORR	SHAFT
	645.96	IW-CON	DELAYED STANDARD	0.354	7-CORR	7-STAIR
	255.19	IW-CON	DELAYED STANDARD	0.354	7-CORR	7-TOILET
	112.14	IW-CON	DELAYED STANDARD	0.354	7-CORR	7-TEL
	62.60	IW-CON	DELAYED STANDARD	0.354	7-CORR	7-JC
	40.87	IW-CON	DELAYED STANDARD	0.354	7-CORR	7-MECH
	112.14	IW-CON	DELAYED STANDARD	0.354	7-CORR	7-ELEV-LOBBY
	1142.44	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-CORR	7-ELEV-LOBBY
	1142.44	CL-CON	DELAYED STANDARD	0.805	7-CORR	7-PLENUM
	710.37	IW-CON	DELAYED STANDARD	0.354	7-STAIR	SHAFT
	1065.37	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-STAIR	SHAFT
	1065.37	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	7-STAIR	SHAFT
	1298.02	IW-CON	DELAYED STANDARD	0.354	7-TOILET	SHAFT
	723.07	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-TOILET	SHAFT
	723.07	CL-CON	DELAYED STANDARD	0.805	7-TOILET	7-PLENUM
	668.32	IW-CON	DELAYED STANDARD	0.354	7-ELEV-LOBBY	SHAFT
	327.61	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-ELEV-LOBBY	SHAFT
	327.61	CL-CON	DELAYED STANDARD	0.805	7-ELEV-LOBBY	7-PLENUM
	274.56	IW-CON	DELAYED STANDARD	0.354	7-TEL	SHAFT
	112.14	IW-CON	DELAYED STANDARD	0.354	7-TEL	7-ELEC
	134.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-TEL	7-ELEC
	134.56	CL-CON	DELAYED STANDARD	0.805	7-TEL	7-PLENUM
	354.49	IW-CON	DELAYED STANDARD	0.354	7-ELEC	SHAFT
	173.71	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-ELEC	SHAFT
	173.71	CL-CON	DELAYED STANDARD	0.805	7-ELEC	7-PLENUM
	127.22	IW-CON	DELAYED STANDARD	0.354	7-MECH	7-JC

249.84	IW-CON	DELAYED STANDARD	0.354	7-MECH	SHAFT
583.22	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-MECH	SHAFT
583.22	CL-CON	DELAYED STANDARD	0.805	7-MECH	7-PLENUM
64.74	IW-CON	DELAYED STANDARD	0.354	7-JC	SHAFT
35.40	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-JC	SHAFT
35.40	CL-CON	DELAYED STANDARD	0.805	7-JC	7-PLENUM
2992.09	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	7-OFC-N	7-PLENUM
2992.09	CL-CON	DELAYED STANDARD	0.805	7-OFC-N	7-PLENUM
700.00	IW-CON	DELAYED STANDARD	0.354	7-PLENUM	SHAFT
700.00	IW-CON	DELAYED STANDARD	0.354	7-PLENUM	SHAFT
306.25	IW-CON	DELAYED STANDARD	0.354	7-PLENUM	SHAFT
655.55	IW-CON	DELAYED STANDARD	0.354	7-PLENUM	7-STAIR
35043.84	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	7-PLENUM	7-STAIR
3301.61	IW-CON	DELAYED STANDARD	0.354	9-MECH	9-STAIR
1558.24	IW-CON	DELAYED STANDARD	0.354	9-MECH	9-CORR
3008.54	IW-CON	DELAYED STANDARD	0.354	9-MECH	SHAFT
24177.14	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	9-MECH	SHAFT
16615.21	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	9-MECH	SHAFT
2904.00	IW-CON	DELAYED STANDARD	0.354	9-GEN	9-MECH
2249.60	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	9-GEN	9-MECH
2249.60	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	9-GEN	9-MECH
2178.00	IW-CON	DELAYED STANDARD	0.354	9-STAND-BY	9-MECH

1 DOE 2.1E

2015LDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

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WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA ( SQFT )	CONSTRUCTION NAME	SURFACE TYPE	ADJACENT SPACES		
				U-VALUE ( BTU/HR-SQFT-F )	SPACE-1	SPACE-2
	749.66	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	9-STAND-BY	9-MECH
	749.66	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	9-STAND-BY	9-MECH
	2468.40	IW-CON	DELAYED STANDARD	0.354	9-ELEC	9-MECH
	1159.40	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	9-ELEC	9-MECH
	1162.81	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	9-ELEC	9-MECH
	2468.40	IW-CON	DELAYED STANDARD	0.354	9-LIFE	9-MECH
	600.25	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	9-LIFE	9-MECH
	600.25	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	9-LIFE	9-MECH
	8781.70	IW-CON	DELAYED STANDARD	0.354	9-CORR	SHAFT
	1226.94	IW-CON	DELAYED STANDARD	0.354	9-CORR	9-STAIR
	2405.90	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	9-CORR	9-STAIR
	2410.81	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	9-CORR	9-STAIR
	1605.91	IW-CON	DELAYED STANDARD	0.354	9-STAIR	SHAFT
	1065.37	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	9-STAIR	SHAFT
	1062.76	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	9-STAIR	SHAFT
	1454.47	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	10-OFC-N
	1417.71	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	10-STAIR
	241.36	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	10-CORR
	1224.47	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	SHAFT

135.19	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	10-ELEC
307.66	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	10-TOILET
135.32	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	10-ELEV-LOBBY
1637.66	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	10-OFC-E
1454.47	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	10-OFC-S
1637.14	IW-CON	DELAYED STANDARD	0.354	10-OFC-CORE	10-OFC-W
8500.84	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-OFC-CORE	10-OFC-W
8500.84	CL-CON	DELAYED STANDARD	0.805	10-OFC-CORE	10-PLENUM
294.38	IW-CON	DELAYED STANDARD	0.354	10-OFC-E	10-OFC-N
291.54	IW-CON	DELAYED STANDARD	0.354	10-OFC-E	10-OFC-S
2389.25	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-OFC-E	10-OFC-S
2389.25	CL-CON	DELAYED STANDARD	0.805	10-OFC-E	10-PLENUM
291.41	IW-CON	DELAYED STANDARD	0.354	10-OFC-S	10-OFC-W
1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-OFC-S	10-OFC-W
1956.29	CL-CON	DELAYED STANDARD	0.805	10-OFC-S	10-PLENUM
294.64	IW-CON	DELAYED STANDARD	0.354	10-OFC-W	10-OFC-N
2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-OFC-W	10-OFC-N
2391.21	CL-CON	DELAYED STANDARD	0.805	10-OFC-W	10-PLENUM
2004.35	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-OFC-N	10-PLENUM
2004.35	CL-CON	DELAYED STANDARD	0.805	10-OFC-N	10-PLENUM
1553.42	IW-CON	DELAYED STANDARD	0.354	10-CORR	SHAFT
705.50	IW-CON	DELAYED STANDARD	0.354	10-CORR	10-STAIR
307.66	IW-CON	DELAYED STANDARD	0.354	10-CORR	10-TOILET
135.19	IW-CON	DELAYED STANDARD	0.354	10-CORR	10-TEL
75.47	IW-CON	DELAYED STANDARD	0.354	10-CORR	10-JC
135.19	IW-CON	DELAYED STANDARD	0.354	10-CORR	10-ELEV-LOBBY
1114.89	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-CORR	10-ELEV-LOBBY
1114.89	CL-CON	DELAYED STANDARD	0.805	10-CORR	10-PLENUM
782.26	IW-CON	DELAYED STANDARD	0.354	10-STAIR	SHAFT
837.52	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-STAIR	SHAFT
837.52	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	10-STAIR	SHAFT
1484.40	IW-CON	DELAYED STANDARD	0.354	10-TOILET	SHAFT
685.92	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-TOILET	SHAFT
685.92	CL-CON	DELAYED STANDARD	0.805	10-TOILET	10-PLENUM
737.62	IW-CON	DELAYED STANDARD	0.354	10-ELEV-LOBBY	SHAFT

1 DOE 2.1E

2015LDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

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WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE ( BTU/HR-SQFT-F )	ADJACENT SPACES	
					SPACE-1	SPACE-2
	299.98	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-ELEV-LOBBY	SHAFT
	299.98	CL-CON	DELAYED STANDARD	0.805	10-ELEV-LOBBY	10-PLENUM
	331.01	IW-CON	DELAYED STANDARD	0.354	10-TEL	SHAFT
	135.19	IW-CON	DELAYED STANDARD	0.354	10-TEL	10-ELEC
	134.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-TEL	10-ELEC
	134.56	CL-CON	DELAYED STANDARD	0.805	10-TEL	10-PLENUM

415.64	IW-CON	DELAYED STANDARD	0.354	10-ELEC	SHAFT
168.74	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-ELEC	SHAFT
168.74	CL-CON	DELAYED STANDARD	0.805	10-ELEC	10-PLENUM
78.04	IW-CON	DELAYED STANDARD	0.354	10-JC	SHAFT
35.40	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	10-JC	SHAFT
35.40	CL-CON	DELAYED STANDARD	0.805	10-JC	10-PLENUM
534.00	IW-CON	DELAYED STANDARD	0.354	10-PLENUM	SHAFT
534.00	IW-CON	DELAYED STANDARD	0.354	10-PLENUM	SHAFT
233.62	IW-CON	DELAYED STANDARD	0.354	10-PLENUM	SHAFT
500.09	IW-CON	DELAYED STANDARD	0.354	10-PLENUM	10-STAIR
23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	10-PLENUM	10-STAIR
1217.70	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-OFC-N
936.14	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-STAIR
211.90	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-CORR
662.80	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-MECH
923.72	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	SHAFT
113.18	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-ELEC
257.58	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-TOILET
134.89	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-TEL
275.83	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-ELEC
113.29	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-ELEV-LOBBY
1371.06	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-OFC-E
1217.70	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-OFC-S
1370.63	IW-CON	DELAYED STANDARD	0.354	12-OFC-CORE	12-OFC-W
8246.46	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-OFC-CORE	12-OFC-W
8246.46	CL-CON	DELAYED STANDARD	0.805	12-OFC-CORE	12-PLENUM
101.30	IW-CON	DELAYED STANDARD	0.354	12-CORR	12-TEL
470.99	IW-CON	DELAYED STANDARD	0.354	12-CORR	12-STAIR
1080.11	IW-CON	DELAYED STANDARD	0.354	12-CORR	SHAFT
257.58	IW-CON	DELAYED STANDARD	0.354	12-CORR	12-TOILET
113.18	IW-CON	DELAYED STANDARD	0.354	12-CORR	12-TEL
63.18	IW-CON	DELAYED STANDARD	0.354	12-CORR	12-JC
41.26	IW-CON	DELAYED STANDARD	0.354	12-CORR	12-MECH
113.18	IW-CON	DELAYED STANDARD	0.354	12-CORR	12-ELEV-LOBBY
1011.88	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-CORR	12-ELEV-LOBBY
1011.88	CL-CON	DELAYED STANDARD	0.805	12-CORR	12-PLENUM
246.46	IW-CON	DELAYED STANDARD	0.354	12-OFC-E	12-OFC-N
244.08	IW-CON	DELAYED STANDARD	0.354	12-OFC-E	12-OFC-S
2389.25	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-OFC-E	12-OFC-S
2389.25	CL-CON	DELAYED STANDARD	0.805	12-OFC-E	12-PLENUM
243.97	IW-CON	DELAYED STANDARD	0.354	12-OFC-S	12-OFC-W
1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-OFC-S	12-OFC-W
1956.29	CL-CON	DELAYED STANDARD	0.805	12-OFC-S	12-PLENUM
246.67	IW-CON	DELAYED STANDARD	0.354	12-OFC-N	12-OFC-W
2004.35	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-OFC-N	12-OFC-W
2004.35	CL-CON	DELAYED STANDARD	0.805	12-OFC-N	12-PLENUM
465.16	IW-CON	DELAYED STANDARD	0.354	12-STAIR	SHAFT
557.67	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-STAIR	SHAFT

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2015LDL RUN 1

BaseC: Design

1 Hudson Blvd, Brooklyn, NY

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

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WEATHER FILE- NEW YORK CITY TMY2

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	556.96	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	12-STAIR	SHAFT
	933.98	IW-CON	DELAYED STANDARD	0.354	12-TOILET	SHAFT
	685.92	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-TOILET	SHAFT
	685.92	CL-CON	DELAYED STANDARD	0.805	12-TOILET	12-PLENUM
	617.54	IW-CON	DELAYED STANDARD	0.354	12-ELEV-LOBBY	SHAFT
	299.98	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-ELEV-LOBBY	SHAFT
	299.98	CL-CON	DELAYED STANDARD	0.805	12-ELEV-LOBBY	12-PLENUM
	277.13	IW-CON	DELAYED STANDARD	0.354	12-TEL	SHAFT
	113.18	IW-CON	DELAYED STANDARD	0.354	12-TEL	12-ELEC
	134.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-TEL	12-ELEC
	134.56	CL-CON	DELAYED STANDARD	0.805	12-TEL	12-PLENUM
	347.98	IW-CON	DELAYED STANDARD	0.354	12-ELEC	SHAFT
	168.74	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-ELEC	SHAFT
	168.74	CL-CON	DELAYED STANDARD	0.805	12-ELEC	12-PLENUM
	128.41	IW-CON	DELAYED STANDARD	0.354	12-MECH	12-JC
	247.32	IW-CON	DELAYED STANDARD	0.354	12-MECH	SHAFT
	574.08	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-MECH	SHAFT
	574.08	CL-CON	DELAYED STANDARD	0.805	12-MECH	12-PLENUM
	65.34	IW-CON	DELAYED STANDARD	0.354	12-JC	SHAFT
	35.40	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-JC	SHAFT
	35.40	CL-CON	DELAYED STANDARD	0.805	12-JC	12-PLENUM
	2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	12-OFC-W	12-PLENUM
	2391.21	CL-CON	DELAYED STANDARD	0.805	12-OFC-W	12-PLENUM
	534.00	IW-CON	DELAYED STANDARD	0.354	12-PLENUM	SHAFT
	534.00	IW-CON	DELAYED STANDARD	0.354	12-PLENUM	SHAFT
	126.82	IW-CON	DELAYED STANDARD	0.354	12-PLENUM	SHAFT
	500.09	IW-CON	DELAYED STANDARD	0.354	12-PLENUM	12-STAIR
	23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	12-PLENUM	12-STAIR
	1217.70	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-OFC-N
	936.14	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-STAIR
	211.90	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-CORR
	662.80	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-MECH
	923.72	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	SHAFT
	257.58	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-TOILET
	134.89	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-TEL-2
	275.83	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-ELEC-2
	113.29	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-ELEV-LOBBY
	1371.06	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-OFC-E
	1217.16	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-OFC-S
	1370.63	IW-CON	DELAYED STANDARD	0.354	13-OFC-CORE	13-OFC-W
	8547.00	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-OFC-CORE	13-OFC-W
	8547.00	CL-CON	DELAYED STANDARD	0.805	13-OFC-CORE	13-PLENUM
	101.30	IW-CON	DELAYED STANDARD	0.354	13-CORR	13-TEL-2
	470.99	IW-CON	DELAYED STANDARD	0.354	13-CORR	13-STAIR
	1080.00	IW-CON	DELAYED STANDARD	0.354	13-CORR	SHAFT

257.58	IW-CON	DELAYED STANDARD	0.354	13-CORR	13-TOILET
63.18	IW-CON	DELAYED STANDARD	0.354	13-CORR	13-JC
41.26	IW-CON	DELAYED STANDARD	0.354	13-CORR	13-MECH
113.18	IW-CON	DELAYED STANDARD	0.354	13-CORR	13-ELEV-LOBBY
1011.88	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-CORR	13-ELEV-LOBBY
1011.88	CL-CON	DELAYED STANDARD	0.805	13-CORR	13-PLenum
174.53	IW-CON	DELAYED STANDARD	0.354	13-ELEC-2	13-STAIR
101.30	IW-CON	DELAYED STANDARD	0.354	13-ELEC-2	13-TEL-2
151.54	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-ELEC-2	13-TEL-2

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1 Hudson Blvd, Brooklyn, NY

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2015LDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
151.54	CL-CON	DELAYED STANDARD	0.805	13-ELEC-2	13-PLenum	
134.89	IW-CON	DELAYED STANDARD	0.354	13-TEL-2	13-STAIR	
117.07	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-TEL-2	13-STAIR	
117.07	CL-CON	DELAYED STANDARD	0.805	13-TEL-2	13-PLenum	
246.46	IW-CON	DELAYED STANDARD	0.354	13-OFC-E	13-OFC-N	
244.08	IW-CON	DELAYED STANDARD	0.354	13-OFC-E	13-OFC-S	
2389.25	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-OFC-E	13-OFC-S	
2389.25	CL-CON	DELAYED STANDARD	0.805	13-OFC-E	13-PLenum	
244.30	IW-CON	DELAYED STANDARD	0.354	13-OFC-S	13-OFC-W	
1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-OFC-S	13-OFC-W	
1956.29	CL-CON	DELAYED STANDARD	0.805	13-OFC-S	13-PLenum	
246.78	IW-CON	DELAYED STANDARD	0.354	13-OFC-N	13-OFC-W	
2004.35	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-OFC-N	13-OFC-W	
2004.35	CL-CON	DELAYED STANDARD	0.805	13-OFC-N	13-PLenum	
465.16	IW-CON	DELAYED STANDARD	0.354	13-STAIR	SHAFT	
558.38	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-STAIR	SHAFT	
558.38	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	13-STAIR	SHAFT	
933.98	IW-CON	DELAYED STANDARD	0.354	13-TOILET	SHAFT	
685.92	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-TOILET	SHAFT	
685.92	CL-CON	DELAYED STANDARD	0.805	13-TOILET	13-PLenum	
617.54	IW-CON	DELAYED STANDARD	0.354	13-ELEV-LOBBY	SHAFT	
299.98	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-ELEV-LOBBY	SHAFT	
299.98	CL-CON	DELAYED STANDARD	0.805	13-ELEV-LOBBY	13-PLenum	
128.41	IW-CON	DELAYED STANDARD	0.354	13-MECH	13-JC	
247.32	IW-CON	DELAYED STANDARD	0.354	13-MECH	SHAFT	
574.08	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-MECH	SHAFT	
574.08	CL-CON	DELAYED STANDARD	0.805	13-MECH	13-PLenum	
65.34	IW-CON	DELAYED STANDARD	0.354	13-JC	SHAFT	
35.40	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-JC	SHAFT	
35.40	CL-CON	DELAYED STANDARD	0.805	13-JC	13-PLenum	
2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	13-OFC-W	13-PLenum	
2391.21	CL-CON	DELAYED STANDARD	0.805	13-OFC-W	13-PLenum	

534.00	IW-CON	DELAYED STANDARD	0.354	13-PLENUM	SHAFT
534.00	IW-CON	DELAYED STANDARD	0.354	13-PLENUM	SHAFT
126.82	IW-CON	DELAYED STANDARD	0.354	13-PLENUM	SHAFT
446.69	IW-CON	DELAYED STANDARD	0.354	13-PLENUM	12-STAIR
23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	13-PLENUM	12-STAIR
1242.76	IW-CON	DELAYED STANDARD	0.354	17-TOILET	SHAFT
257.58	IW-CON	DELAYED STANDARD	0.354	17-TOILET	17-OFC-CORE
257.58	IW-CON	DELAYED STANDARD	0.354	17-TOILET	17-CORR
685.92	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-TOILET	17-CORR
685.92	CL-CON	DELAYED STANDARD	0.805	17-TOILET	17-PLENUM
621.86	IW-CON	DELAYED STANDARD	0.354	17-ELEV-LOBBY	SHAFT
56.59	IW-CON	DELAYED STANDARD	0.354	17-ELEV-LOBBY	17-CORR
113.18	IW-CON	DELAYED STANDARD	0.354	17-ELEV-LOBBY	17-OFC-CORE
301.72	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-ELEV-LOBBY	17-OFC-CORE
301.72	CL-CON	DELAYED STANDARD	0.805	17-ELEV-LOBBY	17-PLENUM
621.86	IW-CON	DELAYED STANDARD	0.354	17-EMR	SHAFT
56.59	IW-CON	DELAYED STANDARD	0.354	17-EMR	17-CORR
301.72	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-EMR	17-CORR
301.72	CL-CON	DELAYED STANDARD	0.805	17-EMR	17-PLENUM
1217.16	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-OFC-N
936.14	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-STAIR
211.90	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-CORR

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	662.80	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-MECH
	923.72	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	SHAFT
	134.89	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-TEL
	275.83	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-ELEC
	113.29	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-ELEV-LOBBY
	1371.06	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-OFC-E
	1217.16	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-OFC-S
	1370.63	IW-CON	DELAYED STANDARD	0.354	17-OFC-CORE	17-OFC-W
	8241.01	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-OFC-CORE	17-OFC-W
	8241.01	CL-CON	DELAYED STANDARD	0.805	17-OFC-CORE	17-PLENUM
	101.30	IW-CON	DELAYED STANDARD	0.354	17-CORR	17-TEL
	470.99	IW-CON	DELAYED STANDARD	0.354	17-CORR	17-STAIR
	1080.00	IW-CON	DELAYED STANDARD	0.354	17-CORR	SHAFT
	63.18	IW-CON	DELAYED STANDARD	0.354	17-CORR	17-JC
	41.26	IW-CON	DELAYED STANDARD	0.354	17-CORR	17-MECH
	113.18	IW-CON	DELAYED STANDARD	0.354	17-CORR	17-ELEV-LOBBY
	1011.88	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-CORR	17-ELEV-LOBBY
	1011.88	CL-CON	DELAYED STANDARD	0.805	17-CORR	17-PLENUM
	174.53	IW-CON	DELAYED STANDARD	0.354	17-ELEC	17-STAIR



101.30	IW-CON	DELAYED STANDARD	0.354	17-ELEC	17-TEL
151.54	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-ELEC	17-TEL
151.54	CL-CON	DELAYED STANDARD	0.805	17-ELEC	17-PLENUM
134.89	IW-CON	DELAYED STANDARD	0.354	17-TEL	17-STAIR
117.07	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-TEL	17-STAIR
117.07	CL-CON	DELAYED STANDARD	0.805	17-TEL	17-PLENUM
246.89	IW-CON	DELAYED STANDARD	0.354	17-OFC-E	17-OFC-N
244.08	IW-CON	DELAYED STANDARD	0.354	17-OFC-E	17-OFC-S
2389.25	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-OFC-E	17-OFC-S
2389.25	CL-CON	DELAYED STANDARD	0.805	17-OFC-E	17-PLENUM
244.30	IW-CON	DELAYED STANDARD	0.354	17-OFC-S	17-OFC-W
1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-OFC-S	17-OFC-W
1956.29	CL-CON	DELAYED STANDARD	0.805	17-OFC-S	17-PLENUM
246.78	IW-CON	DELAYED STANDARD	0.354	17-OFC-N	17-OFC-W
2004.35	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-OFC-N	17-OFC-W
2004.35	CL-CON	DELAYED STANDARD	0.805	17-OFC-N	17-PLENUM
465.16	IW-CON	DELAYED STANDARD	0.354	17-STAIR	SHAFT
558.38	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-STAIR	SHAFT
128.41	IW-CON	DELAYED STANDARD	0.354	17-MECH	17-JC
247.32	IW-CON	DELAYED STANDARD	0.354	17-MECH	SHAFT
574.08	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-MECH	SHAFT
574.08	CL-CON	DELAYED STANDARD	0.805	17-MECH	17-PLENUM
65.34	IW-CON	DELAYED STANDARD	0.354	17-JC	SHAFT
35.40	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-JC	SHAFT
35.40	CL-CON	DELAYED STANDARD	0.805	17-JC	17-PLENUM
2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	17-OFC-W	17-PLENUM
2391.21	CL-CON	DELAYED STANDARD	0.805	17-OFC-W	17-PLENUM
534.00	IW-CON	DELAYED STANDARD	0.354	17-PLENUM	SHAFT
348.17	IW-CON	DELAYED STANDARD	0.354	17-PLENUM	SHAFT
424.53	IW-CON	DELAYED STANDARD	0.354	17-PLENUM	17-STAIR
1242.76	IW-CON	DELAYED STANDARD	0.354	18-TOILET	SHAFT
257.58	IW-CON	DELAYED STANDARD	0.354	18-TOILET	18-OFC-CORE
257.58	IW-CON	DELAYED STANDARD	0.354	18-TOILET	18-CORR
685.92	FL-CON	DELAYED STANDARD	0.398	18-TOILET	17-PLENUM
685.92	CL-CON	DELAYED STANDARD	0.805	18-TOILET	18-PLENUM

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	626.29	IW-CON	DELAYED STANDARD	0.354	18-ELEV-LOBBY	SHAFT
	113.18	IW-CON	DELAYED STANDARD	0.354	18-ELEV-LOBBY	18-CORR
	113.18	IW-CON	DELAYED STANDARD	0.354	18-ELEV-LOBBY	18-OFC-CORE
	303.80	FL-CON	DELAYED STANDARD	0.398	18-ELEV-LOBBY	17-PLENUM
	303.80	CL-CON	DELAYED STANDARD	0.805	18-ELEV-LOBBY	18-PLENUM
	1217.16	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	18-OFC-N

227.34	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	18-MECH
923.72	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	SHAFT
627.59	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	18-STAIR
105.95	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	18-CORR
134.89	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	18-TEL
275.83	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	18-ELEC
1371.06	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	18-OFC-E
1217.16	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	18-OFC-S
1370.63	IW-CON	DELAYED STANDARD	0.354	18-OFC-CORE	18-OFC-W
7640.51	FL-CON	DELAYED STANDARD	0.398	18-OFC-CORE	17-PLENUM
7640.51	CL-CON	DELAYED STANDARD	0.805	18-OFC-CORE	18-PLENUM
174.53	IW-CON	DELAYED STANDARD	0.354	18-ELEC	18-STAIR
101.30	IW-CON	DELAYED STANDARD	0.354	18-ELEC	18-TEL
151.54	FL-CON	DELAYED STANDARD	0.398	18-ELEC	17-PLENUM
151.54	CL-CON	DELAYED STANDARD	0.805	18-ELEC	18-PLENUM
134.89	IW-CON	DELAYED STANDARD	0.354	18-TEL	18-STAIR
101.30	IW-CON	DELAYED STANDARD	0.354	18-TEL	18-CORR
117.07	FL-CON	DELAYED STANDARD	0.398	18-TEL	17-PLENUM
117.07	CL-CON	DELAYED STANDARD	0.805	18-TEL	18-PLENUM
246.89	IW-CON	DELAYED STANDARD	0.354	18-OFC-E	18-OFC-N
244.08	IW-CON	DELAYED STANDARD	0.354	18-OFC-E	18-OFC-S
2389.25	FL-CON	DELAYED STANDARD	0.398	18-OFC-E	17-PLENUM
2389.25	CL-CON	DELAYED STANDARD	0.805	18-OFC-E	18-PLENUM
244.30	IW-CON	DELAYED STANDARD	0.354	18-OFC-S	18-OFC-W
1956.29	FL-CON	DELAYED STANDARD	0.398	18-OFC-S	17-PLENUM
1956.29	CL-CON	DELAYED STANDARD	0.805	18-OFC-S	18-PLENUM
470.99	IW-CON	DELAYED STANDARD	0.354	18-STAIR	18-CORR
465.16	IW-CON	DELAYED STANDARD	0.354	18-STAIR	SHAFT
308.77	IW-CON	DELAYED STANDARD	0.354	18-STAIR	18-OFC-CORE
558.38	FL-CON	DELAYED STANDARD	0.398	18-STAIR	17-STAIR
617.54	IW-CON	DELAYED STANDARD	0.354	18-EMR	SHAFT
113.18	IW-CON	DELAYED STANDARD	0.354	18-EMR	18-CORR
900.00	FL-CON	DELAYED STANDARD	0.398	18-EMR	17-PLENUM
9120.00	CL-CON	DELAYED STANDARD	0.805	18-EMR	18-PLENUM
435.46	IW-CON	DELAYED STANDARD	0.354	18-MECH	18-OFC-CORE
41.26	IW-CON	DELAYED STANDARD	0.354	18-MECH	18-CORR
128.41	IW-CON	DELAYED STANDARD	0.354	18-MECH	18-JC
247.32	IW-CON	DELAYED STANDARD	0.354	18-MECH	SHAFT
574.08	FL-CON	DELAYED STANDARD	0.398	18-MECH	17-PLENUM
574.08	CL-CON	DELAYED STANDARD	0.805	18-MECH	18-PLENUM
63.18	IW-CON	DELAYED STANDARD	0.354	18-JC	18-CORR
65.34	IW-CON	DELAYED STANDARD	0.354	18-JC	SHAFT
35.40	FL-CON	DELAYED STANDARD	0.398	18-JC	17-PLENUM
35.40	CL-CON	DELAYED STANDARD	0.805	18-JC	18-PLENUM
246.78	IW-CON	DELAYED STANDARD	0.354	18-OFC-W	18-OFC-N
2391.21	FL-CON	DELAYED STANDARD	0.398	18-OFC-W	17-PLENUM
2391.21	CL-CON	DELAYED STANDARD	0.805	18-OFC-W	18-PLENUM
105.95	IW-CON	DELAYED STANDARD	0.354	18-CORR	18-OFC-CORE

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BaseC: Design

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

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SIM: VIDARIS, INC

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WEATHER FILE- NEW YORK CITY TMY2

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	1011.88	FL-CON	DELAYED STANDARD	0.398	18-CORR	17-PLENUM
	1011.88	CL-CON	DELAYED STANDARD	0.805	18-CORR	18-PLENUM
	2004.35	FL-CON	DELAYED STANDARD	0.398	18-OFC-N	17-PLENUM
	2004.35	CL-CON	DELAYED STANDARD	0.805	18-OFC-N	18-PLENUM
	534.00	IW-CON	DELAYED STANDARD	0.354	18-PLENUM	SHAFT
	348.17	IW-CON	DELAYED STANDARD	0.354	18-PLENUM	SHAFT
	424.53	IW-CON	DELAYED STANDARD	0.354	18-PLENUM	18-STAIR
	1242.76	IW-CON	DELAYED STANDARD	0.354	19-TOILET	SHAFT
	257.58	IW-CON	DELAYED STANDARD	0.354	19-TOILET	19-OFC-CORE
	257.58	IW-CON	DELAYED STANDARD	0.354	19-TOILET	19-CORR
	685.92	FL-CON	DELAYED STANDARD	0.398	19-TOILET	18-PLENUM
	685.92	CL-CON	DELAYED STANDARD	0.805	19-TOILET	19-PLENUM
	625.21	IW-CON	DELAYED STANDARD	0.354	19-ELEV-LOBBY	SHAFT
	113.18	IW-CON	DELAYED STANDARD	0.354	19-ELEV-LOBBY	19-CORR
	113.18	IW-CON	DELAYED STANDARD	0.354	19-ELEV-LOBBY	19-OFC-CORE
	303.46	FL-CON	DELAYED STANDARD	0.398	19-ELEV-LOBBY	18-PLENUM
	303.46	CL-CON	DELAYED STANDARD	0.805	19-ELEV-LOBBY	19-PLENUM
	1217.70	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	19-OFC-N
	227.34	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	19-MECH
	704.81	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	SHAFT
	627.59	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	19-STAIR
	105.95	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	19-CORR
	134.89	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	19-TEL
	275.83	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	19-ELEC
	1371.06	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	19-OFC-E
	1217.16	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	19-OFC-S
	1370.63	IW-CON	DELAYED STANDARD	0.354	19-OFC-CORE	19-OFC-W
	8836.00	FL-CON	DELAYED STANDARD	0.398	19-OFC-CORE	18-PLENUM
	8836.00	CL-CON	DELAYED STANDARD	0.805	19-OFC-CORE	19-PLENUM
	174.53	IW-CON	DELAYED STANDARD	0.354	19-ELEC	19-STAIR
	101.30	IW-CON	DELAYED STANDARD	0.354	19-ELEC	19-TEL
	151.54	FL-CON	DELAYED STANDARD	0.398	19-ELEC	18-PLENUM
	151.54	CL-CON	DELAYED STANDARD	0.805	19-ELEC	19-PLENUM
	134.89	IW-CON	DELAYED STANDARD	0.354	19-TEL	19-STAIR
	101.30	IW-CON	DELAYED STANDARD	0.354	19-TEL	19-CORR
	117.07	FL-CON	DELAYED STANDARD	0.398	19-TEL	18-PLENUM
	117.07	CL-CON	DELAYED STANDARD	0.805	19-TEL	19-PLENUM
	246.46	IW-CON	DELAYED STANDARD	0.354	19-OFC-E	19-OFC-N
	244.08	IW-CON	DELAYED STANDARD	0.354	19-OFC-E	19-OFC-S
	2389.25	FL-CON	DELAYED STANDARD	0.398	19-OFC-E	18-PLENUM
	2389.25	CL-CON	DELAYED STANDARD	0.805	19-OFC-E	19-PLENUM
	244.30	IW-CON	DELAYED STANDARD	0.354	19-OFC-S	19-OFC-W
	1956.29	FL-CON	DELAYED STANDARD	0.398	19-OFC-S	18-PLENUM
	1956.29	CL-CON	DELAYED STANDARD	0.805	19-OFC-S	19-PLENUM
	470.99	IW-CON	DELAYED STANDARD	0.354	19-STAIR	19-CORR

156.38	IW-CON	DELAYED STANDARD	0.354	19-STAIR	SHAFT
308.77	IW-CON	DELAYED STANDARD	0.354	19-STAIR	19-OFC-CORE
558.38	FL-CON	DELAYED STANDARD	0.398	19-STAIR	18-STAIR
435.46	IW-CON	DELAYED STANDARD	0.354	19-MECH	19-OFC-CORE
41.26	IW-CON	DELAYED STANDARD	0.354	19-MECH	19-CORR
128.41	IW-CON	DELAYED STANDARD	0.354	19-MECH	19-JC
247.32	IW-CON	DELAYED STANDARD	0.354	19-MECH	SHAFT
574.08	FL-CON	DELAYED STANDARD	0.398	19-MECH	18-PLENUM
574.08	CL-CON	DELAYED STANDARD	0.805	19-MECH	19-PLENUM

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

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SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	63.18	IW-CON	DELAYED STANDARD	0.354	19-JC	19-CORR
	65.34	IW-CON	DELAYED STANDARD	0.354	19-JC	SHAFT
	35.40	FL-CON	DELAYED STANDARD	0.398	19-JC	18-PLENUM
	35.40	CL-CON	DELAYED STANDARD	0.805	19-JC	19-PLENUM
	246.78	IW-CON	DELAYED STANDARD	0.354	19-OFC-W	19-OFC-N
	2391.21	FL-CON	DELAYED STANDARD	0.398	19-OFC-W	18-PLENUM
	2391.21	CL-CON	DELAYED STANDARD	0.805	19-OFC-W	19-PLENUM
	105.95	IW-CON	DELAYED STANDARD	0.354	19-CORR	19-OFC-CORE
	1291.68	FL-CON	DELAYED STANDARD	0.398	19-CORR	18-PLENUM
	2369.88	CL-CON	DELAYED STANDARD	0.805	19-CORR	19-PLENUM
	2004.35	FL-CON	DELAYED STANDARD	0.398	19-OFC-N	18-PLENUM
	2004.35	CL-CON	DELAYED STANDARD	0.805	19-OFC-N	19-PLENUM
	534.00	IW-CON	DELAYED STANDARD	0.354	19-PLENUM	SHAFT
	348.17	IW-CON	DELAYED STANDARD	0.354	19-PLENUM	SHAFT
	424.53	IW-CON	DELAYED STANDARD	0.354	19-PLENUM	19-STAIR
	1217.70	IW-CON	DELAYED STANDARD	0.354	20-OFC-CORE	20-OFC-N
	921.67	IW-CON	DELAYED STANDARD	0.354	20-OFC-CORE	20-STAIR
	211.90	IW-CON	DELAYED STANDARD	0.354	20-OFC-CORE	20-CORR
	1017.36	IW-CON	DELAYED STANDARD	0.354	20-OFC-CORE	SHAFT
	134.89	IW-CON	DELAYED STANDARD	0.354	20-OFC-CORE	20-TEL
	275.83	IW-CON	DELAYED STANDARD	0.354	20-OFC-CORE	20-ELEC
	1371.06	IW-CON	DELAYED STANDARD	0.354	20-OFC-CORE	20-OFC-E
	1217.16	IW-CON	DELAYED STANDARD	0.354	20-OFC-CORE	20-OFC-S
	1370.63	IW-CON	DELAYED STANDARD	0.354	20-OFC-CORE	20-OFC-W
	8706.76	FL-CON	DELAYED STANDARD	0.398	20-OFC-CORE	19-PLENUM
	8704.89	CL-CON	DELAYED STANDARD	0.805	20-OFC-CORE	20-PLENUM
	204.55	IW-CON	DELAYED STANDARD	0.354	20-STAIR	20-OFC-CORE
	335.45	IW-CON	DELAYED STANDARD	0.354	20-STAIR	20-MECH
	507.49	IW-CON	DELAYED STANDARD	0.354	20-STAIR	20-CORR
	156.38	IW-CON	DELAYED STANDARD	0.354	20-STAIR	SHAFT
	835.21	FL-CON	DELAYED STANDARD	0.398	20-STAIR	19-STAIR
	835.21	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	20-STAIR	19-STAIR

217.94	IW-CON	DELAYED STANDARD	0.354	20-MECH	20-OFC-CORE
244.40	IW-CON	DELAYED STANDARD	0.354	20-MECH	SHAFT
177.12	IW-CON	DELAYED STANDARD	0.354	20-MECH	20-JC
78.73	IW-CON	DELAYED STANDARD	0.354	20-MECH	20-CORR
500.42	FL-CON	DELAYED STANDARD	0.398	20-MECH	19-PLENUM
501.76	CL-CON	DELAYED STANDARD	0.805	20-MECH	20-PLENUM
64.58	IW-CON	DELAYED STANDARD	0.354	20-JC	SHAFT
112.54	IW-CON	DELAYED STANDARD	0.354	20-JC	20-CORR
62.41	FL-CON	DELAYED STANDARD	0.398	20-JC	19-PLENUM
62.41	CL-CON	DELAYED STANDARD	0.805	20-JC	20-PLENUM
1242.76	IW-CON	DELAYED STANDARD	0.354	20-TOILET	SHAFT
257.58	IW-CON	DELAYED STANDARD	0.354	20-TOILET	20-OFC-CORE
257.58	IW-CON	DELAYED STANDARD	0.354	20-TOILET	20-CORR
685.92	FL-CON	DELAYED STANDARD	0.398	20-TOILET	19-PLENUM
686.44	CL-CON	DELAYED STANDARD	0.805	20-TOILET	20-PLENUM
625.21	IW-CON	DELAYED STANDARD	0.354	20-ELEV-LOBBY	SHAFT
113.18	IW-CON	DELAYED STANDARD	0.354	20-ELEV-LOBBY	20-CORR
113.18	IW-CON	DELAYED STANDARD	0.354	20-ELEV-LOBBY	20-OFC-CORE
303.46	FL-CON	DELAYED STANDARD	0.398	20-ELEV-LOBBY	19-PLENUM
302.76	CL-CON	DELAYED STANDARD	0.805	20-ELEV-LOBBY	20-PLENUM
174.53	IW-CON	DELAYED STANDARD	0.354	20-ELEC	20-STAIR
101.30	IW-CON	DELAYED STANDARD	0.354	20-ELEC	20-TEL

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

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WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA ( SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE ( BTU/HR-SQFT-F )	ADJACENT SPACES	
					SPACE-1	SPACE-2
	151.54	FL-CON	DELAYED STANDARD	0.398	20-ELEC	19-PLENUM
	151.29	CL-CON	DELAYED STANDARD	0.805	20-ELEC	20-PLENUM
	134.89	IW-CON	DELAYED STANDARD	0.354	20-TEL	20-STAIR
	101.30	IW-CON	DELAYED STANDARD	0.354	20-TEL	20-CORR
	117.07	FL-CON	DELAYED STANDARD	0.398	20-TEL	19-PLENUM
	116.64	CL-CON	DELAYED STANDARD	0.805	20-TEL	20-PLENUM
	246.46	IW-CON	DELAYED STANDARD	0.354	20-OFC-E	20-OFC-N
	244.08	IW-CON	DELAYED STANDARD	0.354	20-OFC-E	20-OFC-S
	2389.25	FL-CON	DELAYED STANDARD	0.398	20-OFC-E	19-PLENUM
	2391.21	CL-CON	DELAYED STANDARD	0.805	20-OFC-E	20-PLENUM
	244.30	IW-CON	DELAYED STANDARD	0.354	20-OFC-S	20-OFC-W
	1956.29	FL-CON	DELAYED STANDARD	0.398	20-OFC-S	19-PLENUM
	1953.64	CL-CON	DELAYED STANDARD	0.805	20-OFC-S	20-PLENUM
	246.78	IW-CON	DELAYED STANDARD	0.354	20-OFC-W	20-OFC-N
	2391.21	FL-CON	DELAYED STANDARD	0.398	20-OFC-W	19-PLENUM
	2391.21	CL-CON	DELAYED STANDARD	0.805	20-OFC-W	20-PLENUM
	1196.47	FL-CON	DELAYED STANDARD	0.398	20-CORR	19-PLENUM
	1196.47	CL-CON	DELAYED STANDARD	0.805	20-CORR	20-PLENUM
	2004.35	FL-CON	DELAYED STANDARD	0.398	20-OFC-N	19-PLENUM

2007.04	CL-CON	DELAYED STANDARD	0.805	20-OFC-N	20-PLENUM
534.00	IW-CON	DELAYED STANDARD	0.354	20-PLENUM	SHAFT
511.04	IW-CON	DELAYED STANDARD	0.354	20-PLENUM	SHAFT
563.37	IW-CON	DELAYED STANDARD	0.354	20-PLENUM	20-STAIR
23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	20-PLENUM	20-STAIR
1006.34	IW-CON	DELAYED STANDARD	0.354	21-OFC-CORE	21-OFC-N
308.77	IW-CON	DELAYED STANDARD	0.354	21-OFC-CORE	21-STAIR
105.95	IW-CON	DELAYED STANDARD	0.354	21-OFC-CORE	21-CORR
312.55	IW-CON	DELAYED STANDARD	0.354	21-OFC-CORE	SHAFT
1217.16	IW-CON	DELAYED STANDARD	0.354	21-OFC-CORE	21-OFC-S
8941.59	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-OFC-CORE	21-OFC-S
8941.59	CL-CON	DELAYED STANDARD	0.805	21-OFC-CORE	21-PLENUM
637.20	IW-CON	DELAYED STANDARD	0.354	21-STAIR	21-OFC-CORE
335.45	IW-CON	DELAYED STANDARD	0.354	21-STAIR	21-MECH
507.49	IW-CON	DELAYED STANDARD	0.354	21-STAIR	21-CORR
156.38	IW-CON	DELAYED STANDARD	0.354	21-STAIR	SHAFT
597.80	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-STAIR	SHAFT
597.80	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	21-STAIR	SHAFT
217.94	IW-CON	DELAYED STANDARD	0.354	21-MECH	21-OFC-CORE
244.40	IW-CON	DELAYED STANDARD	0.354	21-MECH	SHAFT
177.23	IW-CON	DELAYED STANDARD	0.354	21-MECH	21-JC
78.73	IW-CON	DELAYED STANDARD	0.354	21-MECH	21-CORR
500.42	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-MECH	21-CORR
500.42	CL-CON	DELAYED STANDARD	0.805	21-MECH	21-PLENUM
64.58	IW-CON	DELAYED STANDARD	0.354	21-JC	SHAFT
112.54	IW-CON	DELAYED STANDARD	0.354	21-JC	21-CORR
62.41	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-JC	21-CORR
62.41	CL-CON	DELAYED STANDARD	0.805	21-JC	21-PLENUM
1243.40	IW-CON	DELAYED STANDARD	0.354	21-TOILET	SHAFT
257.58	IW-CON	DELAYED STANDARD	0.354	21-TOILET	21-OFC-CORE
257.58	IW-CON	DELAYED STANDARD	0.354	21-TOILET	21-CORR
686.44	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-TOILET	21-CORR
686.44	CL-CON	DELAYED STANDARD	0.805	21-TOILET	21-PLENUM
625.21	IW-CON	DELAYED STANDARD	0.354	21-ELEV-LOBBY	SHAFT
113.18	IW-CON	DELAYED STANDARD	0.354	21-ELEV-LOBBY	21-CORR

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

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WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	113.18	IW-CON	DELAYED STANDARD	0.354	21-ELEV-LOBBY	21-OFC-CORE
	303.46	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-ELEV-LOBBY	21-OFC-CORE
	303.46	CL-CON	DELAYED STANDARD	0.805	21-ELEV-LOBBY	21-PLENUM
	174.42	IW-CON	DELAYED STANDARD	0.354	21-ELEC	21-STAIR
	275.94	IW-CON	DELAYED STANDARD	0.354	21-ELEC	21-OFC-CORE
	101.41	IW-CON	DELAYED STANDARD	0.354	21-ELEC	21-TEL

151.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-ELEC	21-TEL
151.78	CL-CON	DELAYED STANDARD	0.805	21-ELEC	21-PLENUM
134.89	IW-CON	DELAYED STANDARD	0.354	21-TEL	21-STAIR
134.89	IW-CON	DELAYED STANDARD	0.354	21-TEL	21-OFC-CORE
101.41	IW-CON	DELAYED STANDARD	0.354	21-TEL	21-CORR
117.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-TEL	21-CORR
117.29	CL-CON	DELAYED STANDARD	0.805	21-TEL	21-PLENUM
246.89	IW-CON	DELAYED STANDARD	0.354	21-OFC-E	21-OFC-N
244.08	IW-CON	DELAYED STANDARD	0.354	21-OFC-E	21-OFC-S
1371.06	IW-CON	DELAYED STANDARD	0.354	21-OFC-E	21-OFC-CORE
2392.19	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-OFC-E	21-OFC-CORE
2392.19	CL-CON	DELAYED STANDARD	0.805	21-OFC-E	21-PLENUM
246.78	IW-CON	DELAYED STANDARD	0.354	21-OFC-W	21-OFC-N
1370.63	IW-CON	DELAYED STANDARD	0.354	21-OFC-W	21-OFC-CORE
244.30	IW-CON	DELAYED STANDARD	0.354	21-OFC-W	21-OFC-S
2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-OFC-W	21-OFC-S
2391.21	CL-CON	DELAYED STANDARD	0.805	21-OFC-W	21-PLENUM
105.95	IW-CON	DELAYED STANDARD	0.354	21-CORR	21-OFC-CORE
1196.47	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-CORR	21-OFC-CORE
1196.47	CL-CON	DELAYED STANDARD	0.805	21-CORR	21-PLENUM
210.82	IW-CON	DELAYED STANDARD	0.354	21-OFC-N	21-OFC-CORE
2004.35	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-OFC-N	21-OFC-CORE
2004.35	CL-CON	DELAYED STANDARD	0.805	21-OFC-N	21-PLENUM
1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	21-OFC-S	21-PLENUM
1956.29	CL-CON	DELAYED STANDARD	0.805	21-OFC-S	21-PLENUM
534.00	IW-CON	DELAYED STANDARD	0.354	21-PLENUM	SHAFT
348.17	IW-CON	DELAYED STANDARD	0.354	21-PLENUM	SHAFT
424.53	IW-CON	DELAYED STANDARD	0.354	21-PLENUM	21-STAIR
23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	21-PLENUM	21-STAIR
1006.34	IW-CON	DELAYED STANDARD	0.354	30-OFC-CORE	30-OFC-N
539.46	IW-CON	DELAYED STANDARD	0.354	30-OFC-CORE	30-TOILET
105.95	IW-CON	DELAYED STANDARD	0.354	30-OFC-CORE	30-CORR
312.55	IW-CON	DELAYED STANDARD	0.354	30-OFC-CORE	SHAFT
1217.16	IW-CON	DELAYED STANDARD	0.354	30-OFC-CORE	30-OFC-S
8635.99	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-OFC-CORE	30-OFC-S
8635.99	CL-CON	DELAYED STANDARD	0.805	30-OFC-CORE	30-PLENUM
308.77	IW-CON	DELAYED STANDARD	0.354	30-TOILET	30-STAIR
617.54	IW-CON	DELAYED STANDARD	0.354	30-TOILET	SHAFT
128.84	IW-CON	DELAYED STANDARD	0.354	30-TOILET	30-OFC-CORE
128.74	IW-CON	DELAYED STANDARD	0.354	30-TOILET	30-CORR
646.18	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-TOILET	30-CORR
646.18	CL-CON	DELAYED STANDARD	0.805	30-TOILET	30-PLENUM
637.20	IW-CON	DELAYED STANDARD	0.354	30-STAIR	30-OFC-CORE
335.45	IW-CON	DELAYED STANDARD	0.354	30-STAIR	30-MECH
507.49	IW-CON	DELAYED STANDARD	0.354	30-STAIR	30-CORR
156.38	IW-CON	DELAYED STANDARD	0.354	30-STAIR	SHAFT
597.80	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-STAIR	SHAFT
129.60	IW-CON	DELAYED STANDARD	0.354	30-EMR	30-OFC-CORE

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BaseC: Design

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

SIM: VIDARIS, INC

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WEATHER FILE- NEW YORK CITY TMY2

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	129.60	IW-CON	DELAYED STANDARD	0.354	30-EMR	30-CORR
	324.00	IW-CON	DELAYED STANDARD	0.354	30-EMR	SHAFT
	279.89	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-EMR	SHAFT
	217.94	IW-CON	DELAYED STANDARD	0.354	30-MECH	30-OFC-CORE
	244.40	IW-CON	DELAYED STANDARD	0.354	30-MECH	SHAFT
	177.23	IW-CON	DELAYED STANDARD	0.354	30-MECH	30-JC
	78.73	IW-CON	DELAYED STANDARD	0.354	30-MECH	30-CORR
	500.42	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-MECH	30-CORR
	500.42	CL-CON	DELAYED STANDARD	0.805	30-MECH	30-PLENUM
	64.58	IW-CON	DELAYED STANDARD	0.354	30-JC	SHAFT
	112.54	IW-CON	DELAYED STANDARD	0.354	30-JC	30-CORR
	62.41	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-JC	30-CORR
	62.41	CL-CON	DELAYED STANDARD	0.805	30-JC	30-PLENUM
	1250.42	IW-CON	DELAYED STANDARD	0.354	30-ELEV-LOBBY	SHAFT
	242.03	IW-CON	DELAYED STANDARD	0.354	30-ELEV-LOBBY	30-CORR
	241.92	IW-CON	DELAYED STANDARD	0.354	30-ELEV-LOBBY	30-OFC-CORE
	648.72	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-ELEV-LOBBY	30-OFC-CORE
	648.72	CL-CON	DELAYED STANDARD	0.805	30-ELEV-LOBBY	30-PLENUM
	174.53	IW-CON	DELAYED STANDARD	0.354	30-ELEC	30-STAIR
	275.94	IW-CON	DELAYED STANDARD	0.354	30-ELEC	30-OFC-CORE
	101.41	IW-CON	DELAYED STANDARD	0.354	30-ELEC	30-TEL
	151.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-ELEC	30-TEL
	151.78	CL-CON	DELAYED STANDARD	0.805	30-ELEC	30-PLENUM
	134.89	IW-CON	DELAYED STANDARD	0.354	30-TEL	30-STAIR
	134.89	IW-CON	DELAYED STANDARD	0.354	30-TEL	30-OFC-CORE
	101.41	IW-CON	DELAYED STANDARD	0.354	30-TEL	30-CORR
	117.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-TEL	30-CORR
	117.29	CL-CON	DELAYED STANDARD	0.805	30-TEL	30-PLENUM
	246.89	IW-CON	DELAYED STANDARD	0.354	30-OFC-E	30-OFC-N
	244.08	IW-CON	DELAYED STANDARD	0.354	30-OFC-E	30-OFC-S
	1371.06	IW-CON	DELAYED STANDARD	0.354	30-OFC-E	30-OFC-CORE
	2392.19	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-OFC-E	30-OFC-CORE
	2392.19	CL-CON	DELAYED STANDARD	0.805	30-OFC-E	30-PLENUM
	246.67	IW-CON	DELAYED STANDARD	0.354	30-OFC-W	30-OFC-N
	1370.63	IW-CON	DELAYED STANDARD	0.354	30-OFC-W	30-OFC-CORE
	244.30	IW-CON	DELAYED STANDARD	0.354	30-OFC-W	30-OFC-S
	2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-OFC-W	30-OFC-S
	2391.21	CL-CON	DELAYED STANDARD	0.805	30-OFC-W	30-PLENUM
	105.95	IW-CON	DELAYED STANDARD	0.354	30-CORR	30-OFC-CORE
	916.88	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-CORR	30-OFC-CORE
	916.88	CL-CON	DELAYED STANDARD	0.805	30-CORR	30-PLENUM
	210.82	IW-CON	DELAYED STANDARD	0.354	30-OFC-N	30-OFC-CORE
	2003.46	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-OFC-N	30-OFC-CORE
	2003.46	CL-CON	DELAYED STANDARD	0.805	30-OFC-N	30-PLENUM
	1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	30-OFC-S	30-PLENUM



1956.29	CL-CON	DELAYED STANDARD	0.805	30-OFC-S	30-PLENUM
534.00	IW-CON	DELAYED STANDARD	0.354	30-PLENUM	SHAFT
348.17	IW-CON	DELAYED STANDARD	0.354	30-PLENUM	SHAFT
424.53	IW-CON	DELAYED STANDARD	0.354	30-PLENUM	30-STAIR
625.21	IW-CON	DELAYED STANDARD	0.354	31-MECH	SHAFT
113.18	IW-CON	DELAYED STANDARD	0.354	31-MECH	31-CORR
113.18	IW-CON	DELAYED STANDARD	0.354	31-MECH	31-OFC-CORE
303.46	FL-CON	DELAYED STANDARD	0.398	31-MECH	30-PLENUM
303.46	CL-CON	DELAYED STANDARD	0.805	31-MECH	31-PLENUM

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	1006.34	IW-CON	DELAYED STANDARD	0.354	31-OFC-CORE	31-OFC-N
	539.46	IW-CON	DELAYED STANDARD	0.354	31-OFC-CORE	31-TOILET
	211.90	IW-CON	DELAYED STANDARD	0.354	31-OFC-CORE	31-CORR
	627.80	IW-CON	DELAYED STANDARD	0.354	31-OFC-CORE	SHAFT
	1217.16	IW-CON	DELAYED STANDARD	0.354	31-OFC-CORE	31-OFC-S
	8515.60	FL-CON	DELAYED STANDARD	0.398	31-OFC-CORE	30-PLENUM
	8515.60	CL-CON	DELAYED STANDARD	0.805	31-OFC-CORE	31-PLENUM
	308.77	IW-CON	DELAYED STANDARD	0.354	31-TOILET	31-STAIR
	617.54	IW-CON	DELAYED STANDARD	0.354	31-TOILET	SHAFT
	128.84	IW-CON	DELAYED STANDARD	0.354	31-TOILET	31-OFC-CORE
	128.74	IW-CON	DELAYED STANDARD	0.354	31-TOILET	31-CORR
	646.18	FL-CON	DELAYED STANDARD	0.398	31-TOILET	30-PLENUM
	646.18	CL-CON	DELAYED STANDARD	0.805	31-TOILET	31-PLENUM
	637.20	IW-CON	DELAYED STANDARD	0.354	31-STAIR	31-OFC-CORE
	335.45	IW-CON	DELAYED STANDARD	0.354	31-STAIR	31-MECH
	507.49	IW-CON	DELAYED STANDARD	0.354	31-STAIR	31-CORR
	156.38	IW-CON	DELAYED STANDARD	0.354	31-STAIR	SHAFT
	597.80	FL-CON	DELAYED STANDARD	0.398	31-STAIR	30-STAIR
	597.80	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	31-STAIR	30-STAIR
	217.94	IW-CON	DELAYED STANDARD	0.354	31-EMR	31-OFC-CORE
	244.40	IW-CON	DELAYED STANDARD	0.354	31-EMR	SHAFT
	177.23	IW-CON	DELAYED STANDARD	0.354	31-EMR	31-JC
	78.73	IW-CON	DELAYED STANDARD	0.354	31-EMR	31-CORR
	900.00	FL-CON	DELAYED STANDARD	0.398	31-EMR	30-PLENUM
	900.00	CL-CON	DELAYED STANDARD	0.805	31-EMR	31-PLENUM
	64.58	IW-CON	DELAYED STANDARD	0.354	31-JC	SHAFT
	112.54	IW-CON	DELAYED STANDARD	0.354	31-JC	31-CORR
	62.41	FL-CON	DELAYED STANDARD	0.398	31-JC	30-PLENUM
	62.41	CL-CON	DELAYED STANDARD	0.805	31-JC	31-PLENUM
	625.21	IW-CON	DELAYED STANDARD	0.354	31-ELEV-LOBBY	SHAFT
	128.84	IW-CON	DELAYED STANDARD	0.354	31-ELEV-LOBBY	31-CORR
	128.84	IW-CON	DELAYED STANDARD	0.354	31-ELEV-LOBBY	31-OFC-CORE

345.22	FL-CON	DELAYED STANDARD	0.398	31-ELEV-LOBBY	30-PLENUM
345.22	CL-CON	DELAYED STANDARD	0.805	31-ELEV-LOBBY	31-PLENUM
174.53	IW-CON	DELAYED STANDARD	0.354	31-ELEC	31-STAIR
275.94	IW-CON	DELAYED STANDARD	0.354	31-ELEC	31-OFC-CORE
101.41	IW-CON	DELAYED STANDARD	0.354	31-ELEC	31-TEL
151.78	FL-CON	DELAYED STANDARD	0.398	31-ELEC	30-PLENUM
151.78	CL-CON	DELAYED STANDARD	0.805	31-ELEC	31-PLENUM
134.89	IW-CON	DELAYED STANDARD	0.354	31-TEL	31-STAIR
134.89	IW-CON	DELAYED STANDARD	0.354	31-TEL	31-OFC-CORE
101.41	IW-CON	DELAYED STANDARD	0.354	31-TEL	31-CORR
117.29	FL-CON	DELAYED STANDARD	0.398	31-TEL	30-PLENUM
117.29	CL-CON	DELAYED STANDARD	0.805	31-TEL	31-PLENUM
246.89	IW-CON	DELAYED STANDARD	0.354	31-OFC-E	31-OFC-N
244.08	IW-CON	DELAYED STANDARD	0.354	31-OFC-E	31-OFC-S
1371.06	IW-CON	DELAYED STANDARD	0.354	31-OFC-E	31-OFC-CORE
2392.19	FL-CON	DELAYED STANDARD	0.398	31-OFC-E	30-PLENUM
2392.19	CL-CON	DELAYED STANDARD	0.805	31-OFC-E	31-PLENUM
246.78	IW-CON	DELAYED STANDARD	0.354	31-OFC-W	31-OFC-N
1370.63	IW-CON	DELAYED STANDARD	0.354	31-OFC-W	31-OFC-CORE
244.30	IW-CON	DELAYED STANDARD	0.354	31-OFC-W	31-OFC-S
2391.21	FL-CON	DELAYED STANDARD	0.398	31-OFC-W	30-PLENUM
2391.21	CL-CON	DELAYED STANDARD	0.805	31-OFC-W	31-PLENUM

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2015LDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

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WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	210.82	IW-CON	DELAYED STANDARD	0.354	31-OFC-N	31-OFC-CORE
	2004.35	FL-CON	DELAYED STANDARD	0.398	31-OFC-N	30-PLENUM
	2004.35	CL-CON	DELAYED STANDARD	0.805	31-OFC-N	31-PLENUM
	1956.29	FL-CON	DELAYED STANDARD	0.398	31-OFC-S	30-PLENUM
	1956.29	CL-CON	DELAYED STANDARD	0.805	31-OFC-S	31-PLENUM
	916.88	FL-CON	DELAYED STANDARD	0.398	31-CORR	30-PLENUM
	916.88	CL-CON	DELAYED STANDARD	0.805	31-CORR	31-PLENUM
	534.00	IW-CON	DELAYED STANDARD	0.354	31-PLENUM	SHAFT
	348.17	IW-CON	DELAYED STANDARD	0.354	31-PLENUM	SHAFT
	424.53	IW-CON	DELAYED STANDARD	0.354	31-PLENUM	31-STAIR
	23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	31-PLENUM	31-STAIR
	644.98	IW-CON	DELAYED STANDARD	0.354	32-EMR	32-OFC-CORE
	332.42	IW-CON	DELAYED STANDARD	0.354	32-EMR	32-CORR
	312.55	IW-CON	DELAYED STANDARD	0.354	32-EMR	SHAFT
	891.02	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-EMR	SHAFT
	891.02	CL-CON	DELAYED STANDARD	0.805	32-EMR	32-PLENUM
	1006.34	IW-CON	DELAYED STANDARD	0.354	32-OFC-CORE	32-OFC-N
	539.46	IW-CON	DELAYED STANDARD	0.354	32-OFC-CORE	32-TOILET
	211.90	IW-CON	DELAYED STANDARD	0.354	32-OFC-CORE	32-CORR

96.01	IW-CON	DELAYED STANDARD	0.354	32-OFC-CORE	SHAFT
1217.16	IW-CON	DELAYED STANDARD	0.354	32-OFC-CORE	32-OFC-S
8635.99	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-OFC-CORE	32-OFC-S
8635.99	CL-CON	DELAYED STANDARD	0.805	32-OFC-CORE	32-PLENUM
308.77	IW-CON	DELAYED STANDARD	0.354	32-TOILET	32-STAIR
617.54	IW-CON	DELAYED STANDARD	0.354	32-TOILET	SHAFT
128.84	IW-CON	DELAYED STANDARD	0.354	32-TOILET	32-OFC-CORE
128.74	IW-CON	DELAYED STANDARD	0.354	32-TOILET	32-CORR
646.18	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-TOILET	32-CORR
646.18	CL-CON	DELAYED STANDARD	0.805	32-TOILET	32-PLENUM
637.20	IW-CON	DELAYED STANDARD	0.354	32-STAIR	32-OFC-CORE
335.45	IW-CON	DELAYED STANDARD	0.354	32-STAIR	32-MECH
507.49	IW-CON	DELAYED STANDARD	0.354	32-STAIR	32-CORR
156.38	IW-CON	DELAYED STANDARD	0.354	32-STAIR	SHAFT
597.80	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-STAIR	SHAFT
597.80	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	32-STAIR	SHAFT
217.94	IW-CON	DELAYED STANDARD	0.354	32-MECH	32-OFC-CORE
244.40	IW-CON	DELAYED STANDARD	0.354	32-MECH	SHAFT
177.23	IW-CON	DELAYED STANDARD	0.354	32-MECH	32-JC
78.73	IW-CON	DELAYED STANDARD	0.354	32-MECH	32-CORR
500.42	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-MECH	32-CORR
500.42	CL-CON	DELAYED STANDARD	0.805	32-MECH	32-PLENUM
64.58	IW-CON	DELAYED STANDARD	0.354	32-JC	SHAFT
112.54	IW-CON	DELAYED STANDARD	0.354	32-JC	32-CORR
62.41	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-JC	32-CORR
62.41	CL-CON	DELAYED STANDARD	0.805	32-JC	32-PLENUM
625.21	IW-CON	DELAYED STANDARD	0.354	32-ELEV-LOBBY	SHAFT
128.84	IW-CON	DELAYED STANDARD	0.354	32-ELEV-LOBBY	32-CORR
128.84	IW-CON	DELAYED STANDARD	0.354	32-ELEV-LOBBY	32-OFC-CORE
345.22	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-ELEV-LOBBY	32-OFC-CORE
345.22	CL-CON	DELAYED STANDARD	0.805	32-ELEV-LOBBY	32-PLENUM
174.53	IW-CON	DELAYED STANDARD	0.354	32-ELEC	32-STAIR
275.94	IW-CON	DELAYED STANDARD	0.354	32-ELEC	32-OFC-CORE
101.41	IW-CON	DELAYED STANDARD	0.354	32-ELEC	32-TEL
151.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-ELEC	32-TEL

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

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WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
151.78	CL-CON	DELAYED STANDARD	0.805	32-ELEC	32-PLENUM	
134.89	IW-CON	DELAYED STANDARD	0.354	32-TEL	32-STAIR	
134.89	IW-CON	DELAYED STANDARD	0.354	32-TEL	32-OFC-CORE	
101.41	IW-CON	DELAYED STANDARD	0.354	32-TEL	32-CORR	
117.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-TEL	32-CORR	
117.29	CL-CON	DELAYED STANDARD	0.805	32-TEL	32-PLENUM	

246.89	IW-CON	DELAYED STANDARD	0.354	32-OFC-E	32-OFC-N
244.08	IW-CON	DELAYED STANDARD	0.354	32-OFC-E	32-OFC-S
1371.06	IW-CON	DELAYED STANDARD	0.354	32-OFC-E	32-OFC-CORE
2392.19	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-OFC-E	32-OFC-CORE
2392.19	CL-CON	DELAYED STANDARD	0.805	32-OFC-E	32-PLENUM
246.78	IW-CON	DELAYED STANDARD	0.354	32-OFC-W	32-OFC-N
1370.63	IW-CON	DELAYED STANDARD	0.354	32-OFC-W	32-OFC-CORE
244.30	IW-CON	DELAYED STANDARD	0.354	32-OFC-W	32-OFC-S
2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-OFC-W	32-OFC-S
2391.21	CL-CON	DELAYED STANDARD	0.805	32-OFC-W	32-PLENUM
210.82	IW-CON	DELAYED STANDARD	0.354	32-OFC-N	32-OFC-CORE
2004.35	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-OFC-N	32-OFC-CORE
2004.35	CL-CON	DELAYED STANDARD	0.805	32-OFC-N	32-PLENUM
1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-OFC-S	32-PLENUM
1956.29	CL-CON	DELAYED STANDARD	0.805	32-OFC-S	32-PLENUM
1196.47	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	32-CORR	32-PLENUM
1196.47	CL-CON	DELAYED STANDARD	0.805	32-CORR	32-PLENUM
600.00	IW-CON	DELAYED STANDARD	0.354	32-PLENUM	SHAFT
391.20	IW-CON	DELAYED STANDARD	0.354	32-PLENUM	SHAFT
477.00	IW-CON	DELAYED STANDARD	0.354	32-PLENUM	32-STAIR
23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	32-PLENUM	32-STAIR
524.88	IW-CON	DELAYED STANDARD	0.354	34-TOILET	34-OFC-CORE
219.67	IW-CON	DELAYED STANDARD	0.354	34-TOILET	34-JC
221.62	IW-CON	DELAYED STANDARD	0.354	34-TOILET	34-CORR
312.55	IW-CON	DELAYED STANDARD	0.354	34-TOILET	SHAFT
848.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-TOILET	SHAFT
848.56	CL-CON	DELAYED STANDARD	0.805	34-TOILET	34-PLENUM
1217.16	IW-CON	DELAYED STANDARD	0.354	34-OFC-CORE	34-OFC-N
308.88	IW-CON	DELAYED STANDARD	0.354	34-OFC-CORE	34-STAIR
211.90	IW-CON	DELAYED STANDARD	0.354	34-OFC-CORE	34-CORR
119.45	IW-CON	DELAYED STANDARD	0.354	34-OFC-CORE	34-TOILET
96.01	IW-CON	DELAYED STANDARD	0.354	34-OFC-CORE	SHAFT
1217.16	IW-CON	DELAYED STANDARD	0.354	34-OFC-CORE	34-OFC-S
8945.38	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-OFC-CORE	34-OFC-S
8945.38	CL-CON	DELAYED STANDARD	0.805	34-OFC-CORE	34-PLENUM
636.55	IW-CON	DELAYED STANDARD	0.354	34-STAIR	34-OFC-CORE
308.88	IW-CON	DELAYED STANDARD	0.354	34-STAIR	34-MECH
480.28	IW-CON	DELAYED STANDARD	0.354	34-STAIR	34-CORR
156.38	IW-CON	DELAYED STANDARD	0.354	34-STAIR	SHAFT
581.77	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-STAIR	SHAFT
581.77	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	34-STAIR	SHAFT
217.94	IW-CON	DELAYED STANDARD	0.354	34-MECH	34-OFC-CORE
308.99	IW-CON	DELAYED STANDARD	0.354	34-MECH	SHAFT
217.73	IW-CON	DELAYED STANDARD	0.354	34-MECH	34-CORR
576.96	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-MECH	34-CORR
576.96	CL-CON	DELAYED STANDARD	0.805	34-MECH	34-PLENUM
58.64	IW-CON	DELAYED STANDARD	0.354	34-JC	34-TOILET
40.45	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-JC	34-TOILET

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BaseC: Design

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

1 Hudson Blvd, Brooklyn, NY

SIM: VIDARIS, INC

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WEATHER FILE- NEW YORK CITY TMY2

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	40.45	CL-CON	DELAYED STANDARD	0.805	34-JC	34-PLENUM
	617.54	IW-CON	DELAYED STANDARD	0.354	34-TENANT	SHAFT
	128.84	IW-CON	DELAYED STANDARD	0.354	34-TENANT	34-OFC-CORE
	128.74	IW-CON	DELAYED STANDARD	0.354	34-TENANT	34-CORR
	340.77	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-TENANT	34-CORR
	340.77	CL-CON	DELAYED STANDARD	0.805	34-TENANT	34-PLENUM
	625.21	IW-CON	DELAYED STANDARD	0.354	34-ELEV-LOBBY	SHAFT
	128.84	IW-CON	DELAYED STANDARD	0.354	34-ELEV-LOBBY	34-CORR
	128.84	IW-CON	DELAYED STANDARD	0.354	34-ELEV-LOBBY	34-OFC-CORE
	345.22	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-ELEV-LOBBY	34-OFC-CORE
	345.22	CL-CON	DELAYED STANDARD	0.805	34-ELEV-LOBBY	34-PLENUM
	174.53	IW-CON	DELAYED STANDARD	0.354	34-ELEC	34-STAIR
	275.94	IW-CON	DELAYED STANDARD	0.354	34-ELEC	34-OFC-CORE
	101.41	IW-CON	DELAYED STANDARD	0.354	34-ELEC	34-TEL
	151.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-ELEC	34-TEL
	151.78	CL-CON	DELAYED STANDARD	0.805	34-ELEC	34-PLENUM
	134.89	IW-CON	DELAYED STANDARD	0.354	34-TEL	34-STAIR
	134.89	IW-CON	DELAYED STANDARD	0.354	34-TEL	34-OFC-CORE
	101.41	IW-CON	DELAYED STANDARD	0.354	34-TEL	34-CORR
	117.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-TEL	34-CORR
	117.29	CL-CON	DELAYED STANDARD	0.805	34-TEL	34-PLENUM
	246.89	IW-CON	DELAYED STANDARD	0.354	34-OFC-E	34-OFC-N
	244.08	IW-CON	DELAYED STANDARD	0.354	34-OFC-E	34-OFC-S
	1371.06	IW-CON	DELAYED STANDARD	0.354	34-OFC-E	34-OFC-CORE
	2392.19	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-OFC-E	34-OFC-CORE
	2392.19	CL-CON	DELAYED STANDARD	0.805	34-OFC-E	34-PLENUM
	246.78	IW-CON	DELAYED STANDARD	0.354	34-OFC-W	34-OFC-N
	1370.63	IW-CON	DELAYED STANDARD	0.354	34-OFC-W	34-OFC-CORE
	244.30	IW-CON	DELAYED STANDARD	0.354	34-OFC-W	34-OFC-S
	2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-OFC-W	34-OFC-S
	2391.21	CL-CON	DELAYED STANDARD	0.805	34-OFC-W	34-PLENUM
	1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-OFC-S	34-PLENUM
	1956.29	CL-CON	DELAYED STANDARD	0.805	34-OFC-S	34-PLENUM
	96.01	IW-CON	DELAYED STANDARD	0.354	34-CORR	SHAFT
	110.05	IW-CON	DELAYED STANDARD	0.354	34-CORR	34-TOILET
	636.05	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-CORR	34-TOILET
	636.05	CL-CON	DELAYED STANDARD	0.805	34-CORR	34-PLENUM
	2003.46	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	34-OFC-N	34-PLENUM
	2003.46	CL-CON	DELAYED STANDARD	0.805	34-OFC-N	34-PLENUM
	534.00	IW-CON	DELAYED STANDARD	0.354	34-PLENUM	SHAFT
	348.17	IW-CON	DELAYED STANDARD	0.354	34-PLENUM	SHAFT
	424.53	IW-CON	DELAYED STANDARD	0.354	34-PLENUM	34-STAIR
	23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	34-PLENUM	34-STAIR
	397.98	IW-CON	DELAYED STANDARD	0.354	40-MECH	40-OFC-CORE
	308.99	IW-CON	DELAYED STANDARD	0.354	40-MECH	SHAFT

217.73	IW-CON	DELAYED STANDARD	0.354	40-MECH	40-CORR
356.29	IW-CON	DELAYED STANDARD	0.354	40-MECH	40-STAIR
641.61	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-MECH	40-STAIR
641.61	CL-CON	DELAYED STANDARD	0.805	40-MECH	40-PLENUM
765.29	IW-CON	DELAYED STANDARD	0.354	40-STAIR	40-OFC-CORE
480.28	IW-CON	DELAYED STANDARD	0.354	40-STAIR	40-CORR
156.38	IW-CON	DELAYED STANDARD	0.354	40-STAIR	SHAFT
517.11	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-STAIR	SHAFT
517.11	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	40-STAIR	SHAFT

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	524.88	IW-CON	DELAYED STANDARD	0.354	40-TOILET	40-OFC-CORE
	219.67	IW-CON	DELAYED STANDARD	0.354	40-TOILET	40-JC
	221.62	IW-CON	DELAYED STANDARD	0.354	40-TOILET	40-CORR
	312.55	IW-CON	DELAYED STANDARD	0.354	40-TOILET	SHAFT
	848.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-TOILET	SHAFT
	848.56	CL-CON	DELAYED STANDARD	0.805	40-TOILET	40-PLENUM
	1217.16	IW-CON	DELAYED STANDARD	0.354	40-OFC-CORE	40-OFC-N
	211.90	IW-CON	DELAYED STANDARD	0.354	40-OFC-CORE	40-CORR
	119.45	IW-CON	DELAYED STANDARD	0.354	40-OFC-CORE	40-TOILET
	96.01	IW-CON	DELAYED STANDARD	0.354	40-OFC-CORE	SHAFT
	1217.16	IW-CON	DELAYED STANDARD	0.354	40-OFC-CORE	40-OFC-S
	8945.38	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-OFC-CORE	40-OFC-S
	8945.38	CL-CON	DELAYED STANDARD	0.805	40-OFC-CORE	40-PLENUM
	58.64	IW-CON	DELAYED STANDARD	0.354	40-JC	40-TOILET
	40.45	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-JC	40-TOILET
	40.45	CL-CON	DELAYED STANDARD	0.805	40-JC	40-PLENUM
	1243.40	IW-CON	DELAYED STANDARD	0.354	40-ELEV-LOBBY	SHAFT
	257.58	IW-CON	DELAYED STANDARD	0.354	40-ELEV-LOBBY	40-OFC-CORE
	257.58	IW-CON	DELAYED STANDARD	0.354	40-ELEV-LOBBY	40-CORR
	686.44	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-ELEV-LOBBY	40-CORR
	686.44	CL-CON	DELAYED STANDARD	0.805	40-ELEV-LOBBY	40-PLENUM
	174.42	IW-CON	DELAYED STANDARD	0.354	40-ELEC	40-STAIR
	275.94	IW-CON	DELAYED STANDARD	0.354	40-ELEC	40-OFC-CORE
	101.41	IW-CON	DELAYED STANDARD	0.354	40-ELEC	40-TEL
	151.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-ELEC	40-TEL
	151.78	CL-CON	DELAYED STANDARD	0.805	40-ELEC	40-PLENUM
	134.89	IW-CON	DELAYED STANDARD	0.354	40-TEL	40-STAIR
	134.89	IW-CON	DELAYED STANDARD	0.354	40-TEL	40-OFC-CORE
	101.41	IW-CON	DELAYED STANDARD	0.354	40-TEL	40-CORR
	117.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-TEL	40-CORR
	117.29	CL-CON	DELAYED STANDARD	0.805	40-TEL	40-PLENUM
	246.89	IW-CON	DELAYED STANDARD	0.354	40-OFC-E	40-OFC-N

244.08	IW-CON	DELAYED STANDARD	0.354	40-OFC-E	40-OFC-S
1371.06	IW-CON	DELAYED STANDARD	0.354	40-OFC-E	40-OFC-CORE
2392.19	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-OFC-E	40-OFC-CORE
2392.19	CL-CON	DELAYED STANDARD	0.805	40-OFC-E	40-PLENUM
246.78	IW-CON	DELAYED STANDARD	0.354	40-OFC-W	40-OFC-N
1370.63	IW-CON	DELAYED STANDARD	0.354	40-OFC-W	40-OFC-CORE
244.30	IW-CON	DELAYED STANDARD	0.354	40-OFC-W	40-OFC-S
2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-OFC-W	40-OFC-S
2391.21	CL-CON	DELAYED STANDARD	0.805	40-OFC-W	40-PLENUM
1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-OFC-S	40-PLENUM
1956.29	CL-CON	DELAYED STANDARD	0.805	40-OFC-S	40-PLENUM
96.01	IW-CON	DELAYED STANDARD	0.354	40-CORR	SHAFT
110.05	IW-CON	DELAYED STANDARD	0.354	40-CORR	40-TOILET
1195.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-CORR	40-TOILET
1195.78	CL-CON	DELAYED STANDARD	0.805	40-CORR	40-PLENUM
2004.35	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	40-OFC-N	40-PLENUM
2004.35	CL-CON	DELAYED STANDARD	0.805	40-OFC-N	40-PLENUM
534.00	IW-CON	DELAYED STANDARD	0.354	40-PLENUM	SHAFT
348.17	IW-CON	DELAYED STANDARD	0.354	40-PLENUM	SHAFT
424.53	IW-CON	DELAYED STANDARD	0.354	40-PLENUM	40-STAIR
23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	40-PLENUM	40-STAIR
312.55	IW-CON	DELAYED STANDARD	0.354	42-EMR	42-TOILET

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

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WEATHER FILE- NEW YORK CITY TMY2

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SURFACE NAME	AREA ( SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE ( BTU/HR-SQFT-F )	ADJACENT SPACES	
					SPACE-1	SPACE-2
	272.38	IW-CON	DELAYED STANDARD	0.354	42-EMR	42-CORR
	361.04	IW-CON	DELAYED STANDARD	0.354	42-EMR	SHAFT
	320.87	IW-CON	DELAYED STANDARD	0.354	42-EMR	42-OFC-CORE
	900.00	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-EMR	42-OFC-CORE
	900.00	CL-CON	DELAYED STANDARD	0.805	42-EMR	42-PLENUM
	278.32	IW-CON	DELAYED STANDARD	0.354	42-JC	42-TOILET
	40.45	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-JC	42-TOILET
	40.45	CL-CON	DELAYED STANDARD	0.805	42-JC	42-PLENUM
	397.98	IW-CON	DELAYED STANDARD	0.354	42-MECH	42-OFC-CORE
	308.99	IW-CON	DELAYED STANDARD	0.354	42-MECH	SHAFT
	217.73	IW-CON	DELAYED STANDARD	0.354	42-MECH	42-CORR
	356.29	IW-CON	DELAYED STANDARD	0.354	42-MECH	42-STAIR
	641.61	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-MECH	42-STAIR
	641.61	CL-CON	DELAYED STANDARD	0.805	42-MECH	42-PLENUM
	765.29	IW-CON	DELAYED STANDARD	0.354	42-STAIR	42-OFC-CORE
	480.28	IW-CON	DELAYED STANDARD	0.354	42-STAIR	42-CORR
	517.11	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-STAIR	42-CORR
	517.11	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	42-STAIR	42-CORR
	524.88	IW-CON	DELAYED STANDARD	0.354	42-TOILET	42-OFC-CORE

221.62	IW-CON	DELAYED STANDARD	0.354	42-TOILET	42-CORR
848.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-TOILET	42-CORR
848.56	CL-CON	DELAYED STANDARD	0.805	42-TOILET	42-PLenum
1006.34	IW-CON	DELAYED STANDARD	0.354	42-OFC-CORE	42-OFC-N
105.95	IW-CON	DELAYED STANDARD	0.354	42-OFC-CORE	42-CORR
119.45	IW-CON	DELAYED STANDARD	0.354	42-OFC-CORE	42-TOILET
8815.33	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-OFC-CORE	42-TOILET
8815.33	CL-CON	DELAYED STANDARD	0.805	42-OFC-CORE	42-PLenum
618.30	IW-CON	DELAYED STANDARD	0.354	42-ELEV-LOBBY	SHAFT
128.74	IW-CON	DELAYED STANDARD	0.354	42-ELEV-LOBBY	42-OFC-CORE
128.74	IW-CON	DELAYED STANDARD	0.354	42-ELEV-LOBBY	42-CORR
341.14	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-ELEV-LOBBY	42-CORR
341.14	CL-CON	DELAYED STANDARD	0.805	42-ELEV-LOBBY	42-PLenum
174.42	IW-CON	DELAYED STANDARD	0.354	42-ELEC	42-STAIR
275.94	IW-CON	DELAYED STANDARD	0.354	42-ELEC	42-OFC-CORE
101.41	IW-CON	DELAYED STANDARD	0.354	42-ELEC	42-TEL
151.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-ELEC	42-TEL
151.78	CL-CON	DELAYED STANDARD	0.805	42-ELEC	42-PLenum
134.89	IW-CON	DELAYED STANDARD	0.354	42-TEL	42-STAIR
134.89	IW-CON	DELAYED STANDARD	0.354	42-TEL	42-OFC-CORE
101.41	IW-CON	DELAYED STANDARD	0.354	42-TEL	42-CORR
117.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-TEL	42-CORR
117.29	CL-CON	DELAYED STANDARD	0.805	42-TEL	42-PLenum
246.89	IW-CON	DELAYED STANDARD	0.354	42-OFC-E	42-OFC-N
244.08	IW-CON	DELAYED STANDARD	0.354	42-OFC-E	42-OFC-S
1371.06	IW-CON	DELAYED STANDARD	0.354	42-OFC-E	42-OFC-CORE
2392.19	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-OFC-E	42-OFC-CORE
2392.19	CL-CON	DELAYED STANDARD	0.805	42-OFC-E	42-PLenum
246.78	IW-CON	DELAYED STANDARD	0.354	42-OFC-W	42-OFC-N
1370.63	IW-CON	DELAYED STANDARD	0.354	42-OFC-W	42-OFC-CORE
244.30	IW-CON	DELAYED STANDARD	0.354	42-OFC-W	42-OFC-S
2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-OFC-W	42-OFC-S
2391.21	CL-CON	DELAYED STANDARD	0.805	42-OFC-W	42-PLenum
1217.16	IW-CON	DELAYED STANDARD	0.354	42-OFC-S	42-OFC-CORE
1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-OFC-S	42-OFC-CORE

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BaseC: Design

SIM: VIDARIS, INC

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REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

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SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
1956.29	CL-CON	DELAYED STANDARD	0.805	42-OFC-S	42-PLenum	
105.95	IW-CON	DELAYED STANDARD	0.354	42-CORR	42-OFC-CORE	
110.05	IW-CON	DELAYED STANDARD	0.354	42-CORR	42-TOILET	
1195.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-CORR	42-TOILET	
1195.78	CL-CON	DELAYED STANDARD	0.805	42-CORR	42-PLenum	
210.82	IW-CON	DELAYED STANDARD	0.354	42-OFC-N	42-OFC-CORE	



2003.46	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	42-OFC-N	42-OFC-CORE
2003.46	CL-CON	DELAYED STANDARD	0.805	42-OFC-N	42-PLenum
515.31	IW-CON	DELAYED STANDARD	0.354	42-PLenum	SHAFT
472.59	IW-CON	DELAYED STANDARD	0.354	42-PLenum	42-STAIR
23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	42-PLenum	42-STAIR
312.55	IW-CON	DELAYED STANDARD	0.354	43-TENANT	43-TOILET
272.38	IW-CON	DELAYED STANDARD	0.354	43-TENANT	43-CORR
361.04	IW-CON	DELAYED STANDARD	0.354	43-TENANT	SHAFT
320.87	IW-CON	DELAYED STANDARD	0.354	43-TENANT	43-OFC-CORE
770.62	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-TENANT	43-OFC-CORE
770.62	CL-CON	DELAYED STANDARD	0.805	43-TENANT	43-PLenum
278.32	IW-CON	DELAYED STANDARD	0.354	43-JC	43-TOILET
40.45	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-JC	43-TOILET
40.45	CL-CON	DELAYED STANDARD	0.805	43-JC	43-PLenum
397.98	IW-CON	DELAYED STANDARD	0.354	43-MECH	43-OFC-CORE
308.99	IW-CON	DELAYED STANDARD	0.354	43-MECH	SHAFT
217.73	IW-CON	DELAYED STANDARD	0.354	43-MECH	43-CORR
356.29	IW-CON	DELAYED STANDARD	0.354	43-MECH	43-STAIR
641.61	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-MECH	43-STAIR
641.61	CL-CON	DELAYED STANDARD	0.805	43-MECH	43-PLenum
765.29	IW-CON	DELAYED STANDARD	0.354	43-STAIR	43-OFC-CORE
480.28	IW-CON	DELAYED STANDARD	0.354	43-STAIR	43-CORR
517.11	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-STAIR	43-CORR
517.11	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	43-STAIR	43-CORR
524.88	IW-CON	DELAYED STANDARD	0.354	43-TOILET	43-OFC-CORE
221.62	IW-CON	DELAYED STANDARD	0.354	43-TOILET	43-CORR
848.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-TOILET	43-CORR
848.56	CL-CON	DELAYED STANDARD	0.805	43-TOILET	43-PLenum
1006.34	IW-CON	DELAYED STANDARD	0.354	43-OFC-CORE	43-OFC-N
105.95	IW-CON	DELAYED STANDARD	0.354	43-OFC-CORE	43-CORR
119.45	IW-CON	DELAYED STANDARD	0.354	43-OFC-CORE	43-TOILET
8945.38	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-OFC-CORE	43-TOILET
8945.38	CL-CON	DELAYED STANDARD	0.805	43-OFC-CORE	43-PLenum
618.30	IW-CON	DELAYED STANDARD	0.354	43-ELEV-LOBBY	SHAFT
128.74	IW-CON	DELAYED STANDARD	0.354	43-ELEV-LOBBY	43-OFC-CORE
128.74	IW-CON	DELAYED STANDARD	0.354	43-ELEV-LOBBY	43-CORR
341.14	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-ELEV-LOBBY	43-CORR
341.14	CL-CON	DELAYED STANDARD	0.805	43-ELEV-LOBBY	43-PLenum
174.42	IW-CON	DELAYED STANDARD	0.354	43-ELEC	43-STAIR
275.94	IW-CON	DELAYED STANDARD	0.354	43-ELEC	43-OFC-CORE
101.41	IW-CON	DELAYED STANDARD	0.354	43-ELEC	43-TEL
151.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-ELEC	43-TEL
151.78	CL-CON	DELAYED STANDARD	0.805	43-ELEC	43-PLenum
134.89	IW-CON	DELAYED STANDARD	0.354	43-TEL	43-STAIR
134.89	IW-CON	DELAYED STANDARD	0.354	43-TEL	43-OFC-CORE
101.41	IW-CON	DELAYED STANDARD	0.354	43-TEL	43-CORR
117.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-TEL	43-CORR
117.29	CL-CON	DELAYED STANDARD	0.805	43-TEL	43-PLenum

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REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

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SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	246.89	IW-CON	DELAYED STANDARD	0.354	43-OFC-E	43-OFC-N
	244.08	IW-CON	DELAYED STANDARD	0.354	43-OFC-E	43-OFC-S
	1371.06	IW-CON	DELAYED STANDARD	0.354	43-OFC-E	43-OFC-CORE
	2392.19	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-OFC-E	43-OFC-CORE
	2392.19	CL-CON	DELAYED STANDARD	0.805	43-OFC-E	43-PLENUM
	246.78	IW-CON	DELAYED STANDARD	0.354	43-OFC-W	43-OFC-N
	1370.63	IW-CON	DELAYED STANDARD	0.354	43-OFC-W	43-OFC-CORE
	244.30	IW-CON	DELAYED STANDARD	0.354	43-OFC-W	43-OFC-S
	2391.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-OFC-W	43-OFC-S
	2391.21	CL-CON	DELAYED STANDARD	0.805	43-OFC-W	43-PLENUM
	1217.16	IW-CON	DELAYED STANDARD	0.354	43-OFC-S	43-OFC-CORE
	1956.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-OFC-S	43-OFC-CORE
	1956.29	CL-CON	DELAYED STANDARD	0.805	43-OFC-S	43-PLENUM
	105.95	IW-CON	DELAYED STANDARD	0.354	43-CORR	43-OFC-CORE
	110.05	IW-CON	DELAYED STANDARD	0.354	43-CORR	43-TOILET
	1195.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-CORR	43-TOILET
	1195.78	CL-CON	DELAYED STANDARD	0.805	43-CORR	43-PLENUM
	210.82	IW-CON	DELAYED STANDARD	0.354	43-OFC-N	43-OFC-CORE
	2004.35	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	43-OFC-N	43-OFC-CORE
	2004.35	CL-CON	DELAYED STANDARD	0.805	43-OFC-N	43-PLENUM
	515.31	IW-CON	DELAYED STANDARD	0.354	43-PLENUM	SHAFT
	472.59	IW-CON	DELAYED STANDARD	0.354	43-PLENUM	43-STAIR
	23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	43-PLENUM	43-STAIR
	736.56	IW-CON	DELAYED STANDARD	0.354	51-MECH-3	51-TBD-3
	713.46	IW-CON	DELAYED STANDARD	0.354	51-MECH-3	51-MECH-2
	2124.29	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-MECH-3	51-MECH-2
	2124.29	CL-CON	DELAYED STANDARD	0.805	51-MECH-3	51-PLENUM
	475.53	IW-CON	DELAYED STANDARD	0.354	51-MECH-2	51-STAIR
	714.45	IW-CON	DELAYED STANDARD	0.354	51-MECH-2	51-MECH-1
	615.29	IW-CON	DELAYED STANDARD	0.354	51-MECH-2	51-TBD-2
	2606.10	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-MECH-2	51-TBD-2
	2606.10	CL-CON	DELAYED STANDARD	0.805	51-MECH-2	51-PLENUM
	615.94	IW-CON	DELAYED STANDARD	0.354	51-MECH-1	51-TBD-1
	1871.43	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-MECH-1	51-TBD-1
	1871.43	CL-CON	DELAYED STANDARD	0.805	51-MECH-1	51-PLENUM
	641.85	IW-CON	DELAYED STANDARD	0.354	51-TBD-2	51-STAIR
	489.72	IW-CON	DELAYED STANDARD	0.354	51-TBD-2	51-TBD-3
	631.95	IW-CON	DELAYED STANDARD	0.354	51-TBD-2	51-TBD-4
	460.51	IW-CON	DELAYED STANDARD	0.354	51-TBD-2	51-SHAFT
	334.46	IW-CON	DELAYED STANDARD	0.354	51-TBD-2	51-TBD-1
	1703.21	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-TBD-2	51-TBD-1
	1703.21	CL-CON	DELAYED STANDARD	0.805	51-TBD-2	51-PLENUM
	592.35	IW-CON	DELAYED STANDARD	0.354	51-TBD-3	51-FIRE
	137.61	IW-CON	DELAYED STANDARD	0.354	51-TBD-3	51-TBD-4
	1253.16	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-TBD-3	51-TBD-4

1253.16	CL-CON	DELAYED STANDARD	0.805	51-TBD-3	51-PLENUM
1074.48	IW-CON	DELAYED STANDARD	0.354	51-TBD-4	51-SHAFT
331.65	IW-CON	DELAYED STANDARD	0.354	51-TBD-4	51-FIRE
265.65	IW-CON	DELAYED STANDARD	0.354	51-TBD-4	51-MECH-4
473.88	IW-CON	DELAYED STANDARD	0.354	51-TBD-4	51-STOR
308.72	IW-CON	DELAYED STANDARD	0.354	51-TBD-4	51-CORR
183.98	IW-CON	DELAYED STANDARD	0.354	51-TBD-4	51-ELEC-1
1513.99	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-TBD-4	51-ELEC-1
1513.99	CL-CON	DELAYED STANDARD	0.805	51-TBD-4	51-PLENUM

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BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

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SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	584.43	IW-CON	DELAYED STANDARD	0.354	51-FIRE	51-MECH-4
	608.61	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-FIRE	51-MECH-4
	608.61	CL-CON	DELAYED STANDARD	0.805	51-FIRE	51-PLENUM
	712.96	IW-CON	DELAYED STANDARD	0.354	51-MECH-4	51-ELEC-3
	114.51	IW-CON	DELAYED STANDARD	0.354	51-MECH-4	51-STOR
	656.90	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-MECH-4	51-STOR
	656.90	CL-CON	DELAYED STANDARD	0.805	51-MECH-4	51-PLENUM
	898.42	IW-CON	DELAYED STANDARD	0.354	51-ELEC-3	51-GEN
	120.95	IW-CON	DELAYED STANDARD	0.354	51-ELEC-3	51-CORR
	394.85	IW-CON	DELAYED STANDARD	0.354	51-ELEC-3	51-STOR
	948.02	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-ELEC-3	51-STOR
	948.02	CL-CON	DELAYED STANDARD	0.805	51-ELEC-3	51-PLENUM
	612.81	IW-CON	DELAYED STANDARD	0.354	51-STOR	51-CORR
	564.06	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-STOR	51-CORR
	564.06	CL-CON	DELAYED STANDARD	0.805	51-STOR	51-PLENUM
	166.32	IW-CON	DELAYED STANDARD	0.354	51-TBD-1	51-STAIR
	612.31	IW-CON	DELAYED STANDARD	0.354	51-TBD-1	51-ELEC-1
	1081.75	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-TBD-1	51-ELEC-1
	1081.75	CL-CON	DELAYED STANDARD	0.805	51-TBD-1	51-PLENUM
	451.27	IW-CON	DELAYED STANDARD	0.354	51-ELEC-1	51-SHAFT
	599.61	IW-CON	DELAYED STANDARD	0.354	51-ELEC-1	51-ELEC-2
	1268.78	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-ELEC-1	51-ELEC-2
	1268.78	CL-CON	DELAYED STANDARD	0.805	51-ELEC-1	51-PLENUM
	517.77	IW-CON	DELAYED STANDARD	0.354	51-CORR	51-SHAFT
	241.73	IW-CON	DELAYED STANDARD	0.354	51-CORR	51-GEN
	641.68	IW-CON	DELAYED STANDARD	0.354	51-CORR	51-PLENUM-2
	131.18	IW-CON	DELAYED STANDARD	0.354	51-CORR	51-ELEC-2
	598.29	IW-CON	DELAYED STANDARD	0.354	51-CORR	51-STAIR
	977.19	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-CORR	51-STAIR
	977.19	CL-CON	DELAYED STANDARD	0.805	51-CORR	51-PLENUM
	241.73	IW-CON	DELAYED STANDARD	0.354	51-SHAFT	51-STAIR
	640.09	CL-CON	DELAYED STANDARD	0.805	51-SHAFT	51-PLENUM

436.42	IW-CON	DELAYED STANDARD	0.354	51-ELEC-2	51-STAIR
875.49	IW-CON	DELAYED STANDARD	0.354	51-ELEC-2	51-GEN
776.18	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-ELEC-2	51-GEN
776.18	CL-CON	DELAYED STANDARD	0.805	51-ELEC-2	51-PLENUM
319.93	IW-CON	DELAYED STANDARD	0.354	51-PLENUM-2	51-GEN
330.00	IW-CON	DELAYED STANDARD	0.354	51-PLENUM-2	51-GEN
247.50	IW-CON	DELAYED STANDARD	0.354	51-PLENUM-2	51-GEN
330.00	IW-CON	DELAYED STANDARD	0.354	51-PLENUM-2	51-GEN
698.11	IW-CON	DELAYED STANDARD	0.354	51-PLENUM-2	51-GEN
821.40	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-PLENUM-2	51-GEN
821.40	CL-CON	DELAYED ADIABATIC	0.805	51-PLENUM-2	51-GEN
3061.41	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-GEN	51-GEN
3061.41	CL-CON	DELAYED STANDARD	0.805	51-GEN	51-PLENUM
572.17	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51-STAIR	51-PLENUM
572.17	CL-CON	DELAYED STANDARD	0.805	51-STAIR	51-PLENUM
675.50	IW-CON	DELAYED STANDARD	0.354	51-PLENUM	SHAFT
619.50	IW-CON	DELAYED STANDARD	0.354	51-PLENUM	51-STAIR
23043.24	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	51-PLENUM	51-STAIR
111.43	IW-CON	DELAYED STANDARD	0.354	51M-ELEV-LOB	51M-CORR
171.78	IW-CON	DELAYED STANDARD	0.354	51M-ELEV-LOB	51M-STAIR
111.55	IW-CON	DELAYED STANDARD	0.354	51M-ELEV-LOB	SHAFT
171.90	IW-CON	DELAYED STANDARD	0.354	51M-ELEV-LOB	51M-EMR

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1 Hudson Blvd, Brooklyn, NY

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2015LDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-F DETAILS OF INTERIOR SURFACES IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT )	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
	135.72	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51M-ELEV-LOB	51M-EMR
	132.25	CL-ADIAB-CON	DELAYED STANDARD	0.805	51M-ELEV-LOB	52-ELEV-LOB
	0.25	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	51M-ELEV-LOB	52-ELEV-LOB
	338.94	IW-CON	DELAYED STANDARD	0.354	51M-DAS	51M-STORAGE
	352.84	IW-CON	DELAYED STANDARD	0.354	51M-DAS	51M-CORR
	847.97	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51M-DAS	51M-CORR
	784.00	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	51M-DAS	51M-CORR
	353.07	IW-CON	DELAYED STANDARD	0.354	51M-EMR	51M-CORR
	172.02	IW-CON	DELAYED STANDARD	0.354	51M-EMR	SHAFT
	859.66	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51M-EMR	SHAFT
	835.21	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	51M-EMR	SHAFT
	172.02	IW-CON	DELAYED STANDARD	0.354	51M-SHAFT	51M-STAIR
	135.96	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51M-SHAFT	51M-STAIR
	132.25	CL-ADIAB-CON	DELAYED STANDARD	0.805	51M-SHAFT	52-SHAFT
	227.26	IW-CON	DELAYED STANDARD	0.354	51M-STORAGE	51M-CORR
	547.56	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51M-STORAGE	51M-CORR
	533.61	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	51M-STORAGE	51M-CORR
	115.71	IW-CON	DELAYED STANDARD	0.354	51M-STAIR	51M-CORR
	281.90	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51M-STAIR	51M-CORR

256.00	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	51M-STAIR	51M-STAIR
479.17	FL-ADIAB-CON	DELAYED ADIABATIC	0.398	51M-CORR	51M-STAIR
470.89	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	51M-CORR	51M-STAIR
344.15	IW-CON	DELAYED STANDARD	0.354	52-ELEV-LOB	51M-STAIR
223.48	IW-CON	DELAYED STANDARD	0.354	52-ELEV-LOB	52-SHAFT
132.25	FL-ADIAB-CON	DELAYED STANDARD	0.398	52-ELEV-LOB	51M-ELEV-LOB
129.96	CL-ADIAB-CON	DELAYED STANDARD	0.805	52-ELEV-LOB	53-EMR
1.00	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	52-ELEV-LOB	53-EMR
344.62	IW-CON	DELAYED STANDARD	0.354	52-SHAFT	51M-STAIR
132.25	FL-ADIAB-CON	DELAYED STANDARD	0.398	52-SHAFT	SHAFT
129.96	CL-ADIAB-CON	DELAYED STANDARD	0.805	52-SHAFT	53-EMR
2.56	CL-ADIAB-CON	DELAYED ADIABATIC	0.805	52-SHAFT	53-EMR
256.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	52-STAIR	51M-STAIR
256.00	CL-ADIAB-CON	DELAYED STANDARD	0.805	52-STAIR	51M-STAIR
458.70	IW-CON	DELAYED STANDARD	0.354	53-EMR	51M-STAIR
123.21	FL-ADIAB-CON	DELAYED STANDARD	0.398	53-EMR	52-SHAFT
129.96	FL-ADIAB-CON	DELAYED STANDARD	0.398	53-EMR	52-ELEV-LOB
256.00	FL-ADIAB-CON	DELAYED STANDARD	0.398	53-STAIR	51M-STAIR
281.90	CL-CON	DELAYED ADIABATIC	0.805	53-STAIR	51M-STAIR

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2015LDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- LV-H DETAILS OF WINDOWS OCCURRING IN THE PROJECT

WEATHER FILE- NEW YORK CITY TMY2

NUMBER OF WINDOWS 124 RECTANGULAR 124 OTHER 0

# RECTANGULAR WINDOWS (U-VALUES INCLUDE OUTSIDE AIR FILM)

WINDOW NAME	MULTIPLIER	GLASS AREA (SQFT )	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN		FRAME AREA (SQFT )	FRAME U-VALUE (BTU/HR-SQFT-F)
					IN SURFACE COORDINATES			
					X (FT)	Y (FT)		
	1.0	202.95	19.51	10.40	1.36	0.10	0.00	0.098
	1.0	41.35	15.97	2.59	16.56	0.10	0.00	0.098
	1.0	1917.69	20.40	94.00	23.90	0.10	0.00	0.098
	1.0	1062.60	30.36	35.00	0.00	0.10	0.00	0.098
	1.0	268.58	25.80	10.41	4.83	0.10	0.00	0.098
	1.0	1483.50	29.67	50.00	0.04	0.10	0.00	0.098
	1.0	178.85	22.44	7.97	0.00	0.10	0.00	0.098
	1.0	225.64	20.40	11.06	3.18	0.10	0.00	0.098
	1.0	227.47	20.40	11.15	17.16	0.10	0.00	0.098
	1.0	224.00	20.40	10.98	31.23	0.10	0.00	0.098
	1.0	229.72	20.40	11.26	45.21	0.10	0.00	0.098
	1.0	229.72	20.40	11.26	59.47	0.10	0.00	0.098
	1.0	214.21	20.40	10.50	73.65	0.10	0.00	0.098
	1.0	114.80	15.97	7.19	152.25	0.10	0.00	0.098
	1.0	228.49	20.40	11.20	3.85	0.10	0.00	0.098
	1.0	228.49	20.40	11.20	18.05	0.10	0.00	0.098
	1.0	228.49	20.40	11.20	32.25	0.10	0.00	0.098

1.0	277.25	20.40	13.59	46.45	0.10	0.00	0.098
1.0	277.25	20.40	13.59	63.05	0.10	0.00	0.098
1.0	229.51	20.40	11.25	79.64	0.10	0.00	0.098
1.0	229.51	20.40	11.25	93.89	0.10	0.00	0.098
1.0	117.08	13.31	8.80	108.15	0.10	0.00	0.098
1.0	116.95	13.31	8.79	119.95	0.10	0.00	0.098
1.0	96.06	13.31	7.22	131.75	0.10	0.00	0.098
1.0	96.06	13.31	7.22	141.97	0.10	0.00	0.098
1.0	260.06	25.80	10.08	3.60	0.10	0.00	0.098
1.0	298.18	29.67	10.05	16.73	0.10	0.00	0.098
1.0	307.08	29.67	10.35	29.83	0.10	0.00	0.098
1.0	302.34	29.67	10.19	43.19	0.10	0.00	0.098
1.0	74.66	10.06	7.42	99.96	0.10	0.00	0.098
1.0	107.46	10.06	10.68	86.30	0.10	0.00	0.098
1.0	109.37	10.06	10.87	72.63	0.10	0.00	0.098
1.0	109.58	10.06	10.89	59.04	0.10	0.00	0.098
1.0	114.30	10.06	11.36	44.85	0.10	0.00	0.098
1.0	114.30	10.06	11.36	30.62	0.10	0.00	0.098
1.0	104.44	10.06	10.38	17.38	0.10	0.00	0.098
1.0	103.44	10.06	10.28	4.09	0.10	0.00	0.098
1.0	41.30	6.92	5.97	0.10	0.10	0.00	0.098
1.0	141.00	6.92	20.38	0.02	0.10	0.00	0.098
1.0	52.32	10.06	5.20	5.26	0.10	0.00	0.098
1.0	60.47	6.92	8.74	78.01	0.10	0.00	0.098
1.0	60.47	6.92	8.74	66.20	0.10	0.00	0.098
1.0	77.35	6.92	11.18	51.99	0.10	0.00	0.098
1.0	77.77	6.92	11.24	37.70	0.10	0.00	0.098
1.0	94.02	6.92	13.59	21.07	0.10	0.00	0.098
1.0	93.12	6.92	13.46	4.49	0.10	0.00	0.098
1.0	16.39	7.92	2.07	43.84	0.10	0.00	0.098
1.0	86.57	7.92	10.93	29.64	0.10	0.00	0.098
1.0	87.91	7.92	11.10	15.37	0.10	0.00	0.098

1 DOE 2.1E  
2015LDL RUN 1  
BaseC: Design  
REPORT- LV-H DETAILS OF WINDOWS OCCURRING IN THE PROJECT

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SIM: VIDARIS, INC  
WEATHER FILE- NEW YORK CITY TMY2

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RECTANGULAR WINDOWS (U-VALUES INCLUDE OUTSIDE AIR FILM)

WINDOW NAME	MULTIPLIER	GLASS AREA (SQFT )	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT )	FRAME U-VALUE (BTU/HR-SQFT-F)
					X (FT)	Y (FT)		
	1.0	85.22	7.92	10.76	1.37	0.10	0.00	0.098
	1.0	85.93	7.92	10.85	14.46	0.10	0.00	0.098
	1.0	86.09	7.92	10.87	0.42	0.10	0.00	0.098
	1.0	68.88	10.30	6.69	0.00	0.10	0.00	0.098
	1.0	625.17	10.30	60.72	0.02	0.10	0.00	0.098
	1.0	612.78	10.06	60.90	0.00	0.10	0.00	0.098
	1.0	1054.81	6.92	152.46	0.00	0.10	0.00	0.098

1.0	1831.28	10.06	182.00	0.10	0.10	0.00	0.098
1.0	1621.52	10.30	157.49	0.01	0.10	0.00	0.098
1.0	1285.10	7.07	181.85	0.00	0.10	0.00	0.098
1.0	1816.83	10.30	176.46	0.00	0.10	0.00	0.098
1.0	1006.20	10.06	100.00	0.00	0.10	0.00	0.098
1.0	1621.52	10.30	157.49	0.01	0.10	0.00	0.098
1.0	1186.16	7.61	155.86	0.00	0.10	0.00	0.098
1.0	1508.49	7.45	202.46	0.00	0.10	0.00	0.098
1.0	1602.00	10.17	157.50	0.01	0.10	0.00	0.098
1.0	1488.49	10.17	146.34	0.00	0.10	0.00	0.098
1.0	1596.91	10.17	157.00	0.00	0.10	0.00	0.098
1.0	1488.38	10.17	146.33	0.00	0.10	0.00	0.098
1.0	1602.00	10.17	157.50	0.00	0.10	0.00	0.098
1.0	1487.16	10.17	146.21	0.13	0.10	0.00	0.098
1.0	1488.38	10.17	146.33	0.00	0.10	0.00	0.098
1.0	1596.91	10.17	157.00	0.10	0.10	0.00	0.098
1.0	1601.90	10.17	157.49	0.00	0.10	0.00	0.098
1.0	1488.18	10.17	146.31	0.02	0.10	0.00	0.098
1.0	1487.27	10.17	146.22	0.02	0.10	0.00	0.098
1.0	1599.35	10.17	157.24	0.09	0.10	0.00	0.098
1.0	1602.00	10.17	157.50	0.00	0.10	0.00	0.098
1.0	1488.49	10.17	146.34	0.00	0.10	0.00	0.098
1.0	1478.31	10.17	145.34	0.00	0.10	0.00	0.098
1.0	1600.98	10.17	157.40	0.00	0.10	0.00	0.098
1.0	1602.10	10.17	157.51	0.00	0.10	0.00	0.098
1.0	1488.49	10.17	146.34	0.00	0.10	0.00	0.098
1.0	1591.83	10.17	156.50	0.00	0.10	0.00	0.098
1.0	1478.31	10.17	145.34	0.00	0.10	0.00	0.098
1.0	1601.90	10.17	157.49	0.00	2.50	0.00	0.098
1.0	1424.00	10.17	140.00	0.02	2.50	0.00	0.098
1.0	1601.80	10.17	157.48	0.00	2.50	0.00	0.098
1.0	1488.28	10.17	146.32	0.01	2.50	0.00	0.098
1.0	1601.80	10.17	157.48	0.00	0.10	0.00	0.098
1.0	1467.74	10.17	144.30	0.04	0.10	0.00	0.098
1.0	1601.49	10.17	157.45	0.01	0.10	0.00	0.098
1.0	1487.98	10.17	146.29	0.03	0.10	0.00	0.098
1.0	1602.10	10.17	157.51	0.00	0.10	0.00	0.098
1.0	1602.00	10.17	157.50	0.00	0.10	0.00	0.098
1.0	1488.49	10.17	146.34	0.00	0.10	0.00	0.098
1.0	1488.38	10.17	146.33	0.01	0.10	0.00	0.098
1.0	1602.00	10.17	157.50	0.00	0.10	0.00	0.098
1.0	1596.91	10.17	157.00	0.00	0.10	0.00	0.098
1.0	1488.28	10.17	146.32	0.00	0.10	0.00	0.098
1.0	1481.57	10.17	145.66	0.65	0.10	0.00	0.098
1.0	1601.90	10.17	157.49	0.00	0.10	0.00	0.098

1 DOE 2.1E

2015LDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

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WEATHER FILE- NEW YORK CITY TMY2

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## RECTANGULAR WINDOWS (U-VALUES INCLUDE OUTSIDE AIR FILM)

WINDOW NAME	MULTIPLIER	GLASS AREA (SQFT )	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN			
					IN SURFACE COORDINATES		FRAME AREA (SQFT )	FRAME U-VALUE (BTU/HR-SQFT-F)
					X (FT)	Y (FT)		
	1.0	1601.69	10.17	157.47	0.02	0.10	0.00	0.098
	1.0	1488.18	10.17	146.31	0.01	0.10	0.00	0.098
	1.0	1487.47	10.17	146.24	0.08	0.10	0.00	0.098
	1.0	1601.69	10.17	157.47	0.02	0.10	0.00	0.098
	1.0	1601.59	10.17	157.46	0.04	0.10	0.00	0.098
	1.0	1488.08	10.17	146.30	0.00	0.10	0.00	0.098
	1.0	1487.77	10.17	146.27	0.05	0.10	0.00	0.098
	1.0	1601.69	10.17	157.47	0.02	0.10	0.00	0.098
	1.0	1601.80	10.17	157.48	0.01	0.10	0.00	0.098
	1.0	1478.52	10.17	145.36	0.86	0.10	0.00	0.098
	1.0	1488.08	10.17	146.30	0.02	0.10	0.00	0.098
	1.0	1602.10	10.17	157.51	0.00	0.10	0.00	0.098
	1.0	1600.47	10.17	157.35	0.14	0.10	0.00	0.098
	1.0	1485.03	10.17	146.00	0.02	0.10	0.00	0.098
	1.0	1487.47	10.17	146.24	0.00	0.10	0.00	0.098
	1.0	1601.59	10.17	157.46	0.01	0.10	0.00	0.098
	1.0	1601.69	10.17	157.47	0.00	0.10	0.00	0.098
	1.0	1487.98	10.17	146.29	0.04	0.10	0.00	0.098
	1.0	1487.98	10.17	146.29	0.05	0.10	0.00	0.098
	1.0	1601.69	10.17	157.47	0.02	0.10	0.00	0.098
	1.0	1601.90	10.17	157.49	0.01	0.10	0.00	0.098
	1.0	1487.47	10.17	146.24	0.09	0.10	0.00	0.098
	1.0	1488.18	10.17	146.31	0.03	0.10	0.00	0.098

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[illegible]

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2015LDL RUN  1
   BaseC: Design                          SIM: VIDARIS, INC
REPORT- LV-H  DETAILS OF WINDOWS OCCURRING IN THE PROJECT                WEATHER FILE- NEW YORK CITY TMY2

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2015LDL RUN  1
   BaseC: Design                          SIM: VIDARIS, INC
REPORT- LV-I  DETAILS OF CONSTRUCTIONS OCCURRING IN THE PROJECT                WEATHER FILE- NEW YORK CITY TMY2

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FL-CON	0.398	0.70	3	DELAYED	7
FL-ADIAB-CON	0.398	0.70	3	DELAYED	7
POD-FLOOR-CON	0.066	0.70	3	DELAYED	20
MTA-FLOOR-CON	0.044	0.70	3	DELAYED	43
HUNG-CL-CON	0.805	0.70	3	DELAYED	4
CL-CON	0.805	0.70	3	DELAYED	4
CL-ADIAB-CON	0.805	0.70	3	DELAYED	4
IW-CON	0.354	0.70	3	DELAYED	4
IW-ADIAB-CON	0.354	0.70	3	DELAYED	4
DOOR-CON	0.700	0.70	3	QUICK	0

1 DOE 2.1E 1 Hudson Blvd, Brooklyn, NY DOE-2.1E-121 Tue Sep 8 16:00:35

2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

AC-2-2-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE								
AC-2-2-SYS	PVAVS	1.000	9261.4	185.								
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	
18250.	16.965	2.9	0.	0.000	0.0	0.477	514.412	1.096	0.000	0.19	0.20	
ZONE NAME		SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
1-LOBBY		16448.	0.	0.000	0.200	7846.	0.00	0.00	266.46	-977.02	-621.74	1.0
1-ELEV-LOBBY		1802.	0.	0.000	0.200	859.	0.00	0.00	38.92	-107.03	-77.84	1.0

1 DOE 2.1E 1 Hudson Blvd, Brooklyn, NY DOE-2.1E-121 Tue Sep 8 16:00:35

2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

2-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE								
2-FLR-SYS	PVAVS	1.000	23875.8	219.								
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	
15000.	6.489	1.3	0.	0.000	0.0	0.177	450.775	0.831	0.000	0.23	0.20	

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
2-TOILET	395.	0.	0.000	0.630	70.	0.00	0.00	8.53	-23.46	-17.06	1.0
2-OFC-CORE	3751.	0.	0.000	0.630	664.	0.00	0.00	72.93	-222.83	-153.96	1.0
2-OFC-N	1394.	0.	0.000	0.630	247.	0.00	0.00	27.09	-82.79	-57.20	1.0
2-OFC	1201.	0.	0.000	0.630	213.	0.00	0.00	23.36	-71.37	-49.31	1.0
2-CONF	548.	0.	0.000	0.630	97.	0.00	0.00	10.66	-32.56	-22.50	1.0
2-CORR	245.	0.	0.000	0.630	43.	0.00	0.00	5.29	-14.55	-10.58	1.0
2-ELEV-LOBBY	313.	0.	0.000	0.630	55.	0.00	0.00	6.76	-18.59	-13.52	1.0
2-OFC-W	6759.	0.	0.000	0.630	1196.	0.00	0.00	131.39	-401.46	-277.37	1.0
2-SECURITY	230.	0.	0.000	0.630	41.	0.00	0.00	4.48	-13.69	-9.46	1.0
2-STOR	154.	0.	0.000	0.630	27.	0.00	0.00	3.32	-9.12	-9.95	1.0
2-JC	10.	0.	0.000	0.630	2.	0.00	0.00	0.51	-0.36	-0.50	1.0

1 DOE 2.1E 1 Hudson Blvd, Brooklyn, NY DOE-2.1E-121 Tue Sep 8 16:00:35

2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

3-5-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
3-5-FLR-SYS	PVAVS	1.000	64518.3	638.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
54000.	35.328	2.0	0.	0.000	0.0	0.156	1773.552	0.754	0.000	0.20	0.20
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
3-OFC-E	3561.	0.	0.000	0.480	555.	0.00	0.00	69.22	-211.51	-146.14	3.0
3-OFC-W	3763.	0.	0.000	0.480	587.	0.00	0.00	73.15	-223.53	-154.44	3.0
3-OFC-CORE	6819.	0.	0.000	0.480	1064.	0.00	0.00	132.56	-405.05	-279.85	3.0

3-TOILET	93.	0.	0.000	0.480	15.	0.00	0.00	2.01	-5.54	-4.03	3.0
3-CORR	194.	0.	0.000	0.480	30.	0.00	0.00	4.19	-11.53	-8.39	3.0
3-ELEV-LOBBY	564.	0.	0.000	0.480	88.	0.00	0.00	12.19	-33.52	-24.38	3.0
3-OFC-N	2991.	0.	0.000	0.480	467.	0.00	0.00	58.15	-177.68	-122.76	3.0
3-JC	14.	0.	0.000	0.480	2.	0.00	0.00	0.75	-0.40	-0.55	3.0

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

6-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
6-FLR-SYS	PVAVS	1.000	30431.6	295.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
28400.	21.220	2.3	0.	0.000	0.0	0.413	921.571	0.905	0.000	0.20	0.20
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
6-OFC-CORE	8335.	0.	0.000	0.430	3442.	0.00	0.00	162.03	-495.09	-342.06	1.0
6-OFC-W	6647.	0.	0.000	0.430	2745.	0.00	0.00	129.22	-394.83	-272.79	1.0
6-OFC-E	5291.	0.	0.000	0.430	2185.	0.00	0.00	102.86	-314.31	-217.16	1.0
6-OFC-S	4112.	0.	0.000	0.430	1698.	0.00	0.00	79.93	-244.24	-168.75	1.0
6-CORR	205.	0.	0.000	0.430	85.	0.00	0.00	4.42	-12.17	-8.85	1.0
6-TOILET	80.	0.	0.000	0.430	33.	0.00	0.00	1.73	-4.77	-3.47	1.0
6-ELEV-LOBBY	151.	0.	0.000	0.430	62.	0.00	0.00	3.25	-8.94	-6.50	1.0
6-OFC-N	3565.	0.	0.000	0.430	1473.	0.00	0.00	69.31	-211.79	-146.33	1.0
6-JC	14.	0.	0.000	0.430	6.	0.00	0.00	0.73	-0.35	-0.48	1.0

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BaseC: Design			SIM: VIDARIS, INC											
REPORT- SV-A	SYSTEM DESIGN PARAMETERS					7-8-FLR-SYS				WEATHER FILE- NEW YORK CITY TMY2				
SYSTEM NAME		SYSTEM TYPE		ALTITUDE MULTIPLIER		FLOOR AREA (SQFT )		MAX PEOPLE						
7-8-FLR-SYS		PVAVS		1.000		60863.3		590.						
SUPPLY FAN (CFM )		ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )		ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	
56800.		42.440	2.3	0.		0.000	0.0	0.413	1843.891	0.905	0.000	0.20	0.20	
ZONE NAME		SUPPLY FLOW (CFM )		EXHAUST FLOW (CFM )		FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
7-OFC-CORE		9231.		0.		0.000	0.430	3812.	0.00	0.00	179.45	-548.30	-378.83	2.0
7-OFC-W		5854.		0.		0.000	0.430	2418.	0.00	0.00	113.80	-347.71	-240.24	2.0
7-OFC-E		5724.		0.		0.000	0.430	2364.	0.00	0.00	111.28	-340.01	-234.92	2.0
7-OFC-S		3496.		0.		0.000	0.430	1444.	0.00	0.00	67.96	-207.65	-143.47	2.0
7-CORR		227.		0.		0.000	0.430	94.	0.00	0.00	4.89	-13.46	-9.79	2.0
7-TOILET		89.		0.		0.000	0.430	37.	0.00	0.00	1.93	-5.30	-3.86	2.0
7-ELEV-LOBBY		159.		0.		0.000	0.430	66.	0.00	0.00	3.43	-9.43	-6.86	2.0
7-OFC-N		3606.		0.		0.000	0.430	1489.	0.00	0.00	70.11	-214.21	-148.00	2.0
7-JC		15.		0.		0.000	0.430	6.	0.00	0.00	0.78	-0.38	-0.51	2.0
1 DOE 2.1E							1 Hudson Blvd, Brooklyn, NY				DOE-2.1E-121 Tue Sep 8 16:00:35			

BaseC: Design			SIM: VIDARIS, INC										
REPORT- SV-A			SYSTEM DESIGN PARAMETERS			10-FLR-SYS			WEATHER FILE- NEW YORK CITY TMY2				
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SYSTEM NAME		SYSTEM TYPE		ALTITUDE MULTIPLIER		FLOOR AREA (SQFT )		MAX PEOPLE					
10-FLR-SYS		PVAVS		1.000		19374.6		184.					
SUPPLY FAN (CFM )		ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )		ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
17000.		6.305	1.1	0.		0.000	0.0	0.336	583.906	0.790	0.000	0.20	0.20

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
10-OFC-CORE	4247.	0.	0.000	0.460	1427.	0.00	0.00	82.56	-252.27	-174.29	1.0
10-OFC-E	3772.	0.	0.000	0.460	1267.	0.00	0.00	73.33	-224.06	-154.80	1.0
10-OFC-S	2258.	0.	0.000	0.460	759.	0.00	0.00	43.90	-134.15	-92.69	1.0
10-OFC-W	4250.	0.	0.000	0.460	1428.	0.00	0.00	82.62	-252.44	-174.41	1.0
10-OFC-N	2083.	0.	0.000	0.460	700.	0.00	0.00	40.49	-123.72	-85.48	1.0
10-CORR	199.	0.	0.000	0.460	67.	0.00	0.00	4.29	-11.79	-8.58	1.0
10-TOILET	87.	0.	0.000	0.460	29.	0.00	0.00	1.88	-5.17	-3.76	1.0
10-ELEV-LOBBY	94.	0.	0.000	0.460	32.	0.00	0.00	2.04	-5.61	-4.08	1.0
10-JC	10.	0.	0.000	0.460	3.	0.00	0.00	0.53	-0.27	-0.37	1.0

1 DOE 2.1E

1 Hudson Blvd, Brooklyn, NY

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

11-12-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
11-12-FLR-SYS	PVAVS	1.000	38042.0	363.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
34000.	21.094	1.9	0.	0.000	0.0	0.147	1111.528	0.752	0.000	0.20	0.20
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
12-OFC-CORE	3853.	0.	0.000	0.450	566.	0.00	0.00	74.91	-228.89	-158.14	2.0
12-CORR	194.	0.	0.000	0.450	28.	0.00	0.00	4.19	-11.51	-8.37	2.0
12-OFC-E	3879.	0.	0.000	0.450	570.	0.00	0.00	75.40	-230.40	-159.18	2.0
12-OFC-S	2362.	0.	0.000	0.450	347.	0.00	0.00	45.91	-140.29	-96.93	2.0



12-OFC-N	2134.	0.	0.000	0.450	314.	0.00	0.00	41.48	-126.75	-87.57	2.0
12-TOILET	78.	0.	0.000	0.450	11.	0.00	0.00	1.68	-4.63	-3.36	2.0
12-ELEV-LOBBY	108.	0.	0.000	0.450	16.	0.00	0.00	2.33	-6.41	-4.66	2.0
12-OFC-W	4382.	0.	0.000	0.450	644.	0.00	0.00	85.19	-260.29	-179.84	2.0
12-JC	11.	0.	0.000	0.450	2.	0.00	0.00	0.57	-0.29	-0.39	2.0

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

13-16-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
13-16-FLR-SYS	PVAVS	1.000	77289.0	738.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
68000.	42.444	1.9	0.	0.000	0.0	0.147	2227.723	0.751	0.000	0.20	0.20
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
13-OFC-CORE	3945.	0.	0.000	0.450	580.	0.00	0.00	76.69	-234.34	-161.91	4.0
13-CORR	174.	0.	0.000	0.450	26.	0.00	0.00	3.77	-10.36	-7.53	4.0
13-OFC-E	3855.	0.	0.000	0.450	567.	0.00	0.00	74.94	-228.97	-158.20	4.0
13-OFC-S	2346.	0.	0.000	0.450	345.	0.00	0.00	45.60	-139.35	-96.28	4.0
13-OFC-N	2122.	0.	0.000	0.450	312.	0.00	0.00	41.25	-126.03	-87.07	4.0
13-TOILET	79.	0.	0.000	0.450	12.	0.00	0.00	1.71	-4.71	-3.43	4.0
13-ELEV-LOBBY	107.	0.	0.000	0.450	16.	0.00	0.00	2.32	-6.38	-4.64	4.0
13-OFC-W	4361.	0.	0.000	0.450	641.	0.00	0.00	84.77	-259.03	-178.97	4.0
13-JC	11.	0.	0.000	0.450	2.	0.00	0.00	0.57	-0.29	-0.39	4.0

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2015SDL RUN 1

BaseC: Design			SIM: VIDARIS, INC										
REPORT- SV-A			SYSTEM DESIGN PARAMETERS			17-FLR-SYS			WEATHER FILE- NEW YORK CITY TMY2				
SYSTEM NAME			SYSTEM TYPE		ALTITUDE MULTIPLIER		FLOOR AREA (SQFT )		MAX PEOPLE				
17-FLR-SYS			PVAVS		1.000		19018.0		182.				
SUPPLY FAN (CFM )		ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	
17000.		10.615	1.9	0.	0.000	0.0	0.147	556.945	0.751	0.000	0.20	0.20	
ZONE NAME		SUPPLY FLOW (CFM )		EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
17-TOILET		84.		0.	0.000	0.450	12.	0.00	0.00	1.81	-4.98	-3.62	1.0
17-ELEV-LOBBY		107.		0.	0.000	0.450	16.	0.00	0.00	2.32	-6.38	-4.64	1.0
17-OFC-CORE		3857.		0.	0.000	0.450	567.	0.00	0.00	74.98	-229.11	-158.29	1.0
17-CORR		194.		0.	0.000	0.450	29.	0.00	0.00	4.20	-11.55	-8.40	1.0
17-OFC-E		3873.		0.	0.000	0.450	569.	0.00	0.00	75.28	-230.03	-158.93	1.0
17-OFC-S		2351.		0.	0.000	0.450	346.	0.00	0.00	45.70	-139.63	-96.47	1.0
17-OFC-N		2132.		0.	0.000	0.450	313.	0.00	0.00	41.46	-126.67	-87.52	1.0
17-OFC-W		4391.		0.	0.000	0.450	645.	0.00	0.00	85.36	-260.81	-180.20	1.0
17-JC		11.		0.	0.000	0.450	2.	0.00	0.00	0.57	-0.29	-0.39	1.0
1 DOE 2.1E						1 Hudson Blvd, Brooklyn, NY				DOE-2.1E-121 Tue Sep 8 16:00:35			
2015SDL RUN 1													
BaseC: Design			SIM: VIDARIS, INC										
REPORT- SV-A			SYSTEM DESIGN PARAMETERS			18-FLR-SYS			WEATHER FILE- NEW YORK CITY TMY2				
SYSTEM NAME			SYSTEM TYPE		ALTITUDE MULTIPLIER		FLOOR AREA (SQFT )		MAX PEOPLE				
18-FLR-SYS			PVAVS		1.000		18419.8		176.				
SUPPLY FAN (CFM )		ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	
17000.		10.615	1.9	0.	0.000	0.0	0.147	554.566	0.753	0.000	0.20	0.20	

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
18-TOILET	91.	0.	0.000	0.430	13.	0.00	0.00	1.96	-5.40	-3.93	1.0
18-ELEV-LOBBY	92.	0.	0.000	0.430	14.	0.00	0.00	1.99	-5.48	-3.98	1.0
18-OFC-CORE	3429.	0.	0.000	0.430	504.	0.00	0.00	66.66	-203.69	-140.73	1.0
18-OFC-E	4010.	0.	0.000	0.430	590.	0.00	0.00	77.96	-238.22	-164.59	1.0
18-OFC-S	2409.	0.	0.000	0.430	354.	0.00	0.00	46.84	-143.12	-98.89	1.0
18-OFC-W	4557.	0.	0.000	0.430	670.	0.00	0.00	88.59	-270.69	-187.02	1.0
18-CORR	223.	0.	0.000	0.430	33.	0.00	0.00	4.81	-13.24	-9.63	1.0
18-OFC-N	2176.	0.	0.000	0.430	320.	0.00	0.00	42.31	-129.28	-89.32	1.0
18-JC	12.	0.	0.000	0.430	2.	0.00	0.00	0.61	-0.29	-0.40	1.0

1 DOE 2.1E

2015SDL RUN 1

BaseC: Design

REPORT- SV-A SYSTEM DESIGN PARAMETERS

SIM: VIDARIS, INC

1 Hudson Blvd, Brooklyn, NY

DOE-2.1E-121 Tue Sep 8 16:00:35

19-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
19-FLR-SYS	PVAVS	1.000	19902.3	189.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
17000.	10.615	1.9	0.	0.000	0.0	0.147	557.297	0.751	0.000	0.20	0.20
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
19-TOILET	90.	0.	0.000	0.470	13.	0.00	0.00	1.94	-5.33	-3.88	1.0
19-ELEV-LOBBY	90.	0.	0.000	0.470	13.	0.00	0.00	1.94	-5.33	-3.88	1.0
19-OFC-CORE	3818.	0.	0.000	0.470	561.	0.00	0.00	74.23	-226.80	-156.70	1.0
19-OFC-E	3910.	0.	0.000	0.470	575.	0.00	0.00	76.02	-232.27	-160.48	1.0

19-OFC-S	2284.	0.	0.000	0.470	336.	0.00	0.00	44.39	-135.65	-93.72	1.0
19-OFC-W	4461.	0.	0.000	0.470	656.	0.00	0.00	86.72	-264.97	-183.07	1.0
19-CORR	219.	0.	0.000	0.470	32.	0.00	0.00	4.73	-13.00	-9.45	1.0
19-OFC-N	2129.	0.	0.000	0.470	313.	0.00	0.00	41.39	-126.46	-87.37	1.0
19-JC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

20-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE		ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )		MAX PEOPLE							
20-FLR-SYS	PVAVS		1.000	19696.0		187.							
	SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	
	17000.	10.615	1.9	0.	0.000	0.0	0.147	558.467	0.750	0.000	0.20	0.20	
	ZONE NAME		SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
	20-OFC-CORE		3594.	0.	0.000	0.460	528.	0.00	0.00	69.86	-213.48	-147.49	1.0
	20-TOILET		92.	0.	0.000	0.460	14.	0.00	0.00	1.99	-5.46	-3.97	1.0
	20-ELEV-LOBBY		91.	0.	0.000	0.460	13.	0.00	0.00	1.97	-5.42	-3.94	1.0
	20-OFC-E		3964.	0.	0.000	0.460	583.	0.00	0.00	77.05	-235.44	-162.67	1.0
	20-OFC-S		2362.	0.	0.000	0.460	347.	0.00	0.00	45.92	-140.30	-96.94	1.0
	20-OFC-W		4523.	0.	0.000	0.460	665.	0.00	0.00	87.92	-268.64	-185.61	1.0
	20-CORR		216.	0.	0.000	0.460	32.	0.00	0.00	4.67	-12.83	-9.33	1.0
	20-OFC-N		2159.	0.	0.000	0.460	317.	0.00	0.00	41.97	-128.23	-88.60	1.0
	20-JC		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0

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BaseC: Design			SIM: VIDARIS, INC											
REPORT- SV-A SYSTEM DESIGN PARAMETERS			21-29-FLR-SYS					WEATHER FILE- NEW YORK CITY TMY2						
SYSTEM NAME			SYSTEM TYPE		ALTITUDE MULTIPLIER		FLOOR AREA (SQFT )		MAX PEOPLE					
21-29-FLR-SYS			PVAVS		1.000		179413.2		1703.					
SUPPLY FAN (CFM )		ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)		
153000.		95.535	1.9	0.	0.000	0.0	0.147	5033.965	0.749	0.000	0.20	0.20		
ZONE NAME		SUPPLY FLOW (CFM )		EXHAUST FLOW (CFM )		FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
21-OFC-CORE		3507.		0.		0.000	0.470	515.	0.00	0.00	68.17	-208.30	-143.91	9.0
21-TOILET		83.		0.		0.000	0.470	12.	0.00	0.00	1.80	-4.95	-3.60	9.0
21-ELEV-LOBBY		104.		0.		0.000	0.470	15.	0.00	0.00	2.25	-6.19	-4.50	9.0
21-OFC-E		3665.		0.		0.000	0.470	539.	0.00	0.00	71.25	-217.70	-150.41	9.0
21-OFC-W		4166.		0.		0.000	0.470	612.	0.00	0.00	80.99	-247.48	-170.99	9.0
21-CORR		1221.		0.		0.000	0.470	179.	0.00	0.00	26.37	-72.51	-52.73	9.0
21-OFC-N		2029.		0.		0.000	0.470	298.	0.00	0.00	39.45	-120.54	-83.28	9.0
21-OFC-S		2224.		0.		0.000	0.470	327.	0.00	0.00	43.24	-132.13	-91.29	9.0
21-JC		0.		0.		0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.0
1 DOE 2.1E							1 Hudson Blvd, Brooklyn, NY				DOE-2.1E-121 Tue Sep 8 16:00:35			
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BaseC: Design			SIM: VIDARIS, INC											
REPORT- SV-A SYSTEM DESIGN PARAMETERS			30-31-FLR-SYS					WEATHER FILE- NEW YORK CITY TMY2						
SYSTEM NAME			SYSTEM TYPE		ALTITUDE MULTIPLIER		FLOOR AREA (SQFT )		MAX PEOPLE					
30-31-FLR-SYS			PVAVS		1.000		61932.0		377.					
SUPPLY FAN (CFM )		ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)		
34000.		21.230	1.9	0.	0.000	0.0	0.147	1116.296	0.750	0.000	0.20	0.20		

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
30-OFC-CORE	3885.	0.	0.000	0.730	571.	0.00	0.00	75.52	-230.76	-159.44	1.0
30-TOILET	84.	0.	0.000	0.730	12.	0.00	0.00	1.82	-5.01	-3.65	1.0
30-ELEV-LOBBY	247.	0.	0.000	0.730	36.	0.00	0.00	5.33	-14.67	-10.67	1.0
30-OFC-E	3956.	0.	0.000	0.730	582.	0.00	0.00	76.91	-235.01	-162.37	1.0
30-OFC-W	4495.	0.	0.000	0.730	661.	0.00	0.00	87.38	-266.99	-184.46	1.0
30-CORR	194.	0.	0.000	0.730	29.	0.00	0.00	4.19	-11.53	-8.38	1.0
30-OFC-N	2196.	0.	0.000	0.730	323.	0.00	0.00	42.68	-130.42	-90.11	1.0
30-OFC-S	2428.	0.	0.000	0.730	357.	0.00	0.00	47.21	-144.24	-99.66	1.0
30-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
30-JC	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
31-OFC-CORE	3419.	0.	0.000	0.730	503.	0.00	0.00	66.46	-203.09	-140.31	1.0
31-TOILET	85.	0.	0.000	0.730	13.	0.00	0.00	1.84	-5.06	-3.68	1.0
31-ELEV-LOBBY	106.	0.	0.000	0.730	16.	0.00	0.00	2.30	-6.33	-4.60	1.0
31-OFC-E	3835.	0.	0.000	0.730	564.	0.00	0.00	74.55	-227.78	-157.38	1.0
31-OFC-W	4383.	0.	0.000	0.730	644.	0.00	0.00	85.20	-260.33	-179.86	1.0
31-OFC-N	2095.	0.	0.000	0.730	308.	0.00	0.00	40.73	-124.46	-85.99	1.0
31-OFC-S	2344.	0.	0.000	0.730	345.	0.00	0.00	45.56	-139.22	-96.19	1.0
31-CORR	233.	0.	0.000	0.730	34.	0.00	0.00	5.04	-13.85	-10.07	1.0
31-JC	14.	0.	0.000	0.730	2.	0.00	0.00	0.76	-0.63	-0.85	1.0

1 DOE 2.1E

1 Hudson Blvd, Brooklyn, NY

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

32-33-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE
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32-33-FLR-SYS      PVAVS                      1.000                      39262.1                      374.

SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
35000.	22.799	2.0	0.	0.000	0.0	0.151	1157.119	0.747	0.000	0.20	0.20

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
32-OFC-CORE	4170.	0.	0.000	0.450	630.	0.00	0.00	81.07	-247.72	-171.15	2.0
32-TOILET	84.	0.	0.000	0.450	13.	0.00	0.00	1.81	-4.99	-3.63	2.0
32-ELEV-LOBBY	131.	0.	0.000	0.450	20.	0.00	0.00	2.83	-7.80	-5.67	2.0
32-OFC-E	3871.	0.	0.000	0.450	585.	0.00	0.00	75.26	-229.95	-158.88	2.0
32-OFC-W	4408.	0.	0.000	0.450	666.	0.00	0.00	85.69	-261.83	-180.90	2.0
32-OFC-N	2150.	0.	0.000	0.450	325.	0.00	0.00	41.80	-127.71	-88.24	2.0
32-OFC-S	2399.	0.	0.000	0.450	362.	0.00	0.00	46.63	-142.48	-98.44	2.0
32-CORR	273.	0.	0.000	0.450	41.	0.00	0.00	5.90	-16.21	-11.79	2.0
32-JC	14.	0.	0.000	0.450	2.	0.00	0.00	0.72	-0.36	-0.50	2.0

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2015SDL RUN 1  
BaseC: Design    SIM: VIDARIS, INC  
REPORT- SV-A   SYSTEM DESIGN PARAMETERS    34-39-FLR-SYS    WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE
34-39-FLR-SYS	PVAVS	1.000	119408.3	1133.

  

SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
105000.	67.782	2.0	0.	0.000	0.0	0.151	3476.868	0.747	0.000	0.20	0.20

  

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
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34-TOILET	185.	0.	0.000	0.450	28.	0.00	0.00	3.99	-10.98	-7.99	6.0
34-OFC-CORE	3966.	0.	0.000	0.450	599.	0.00	0.00	77.10	-235.58	-162.76	6.0
34-TENANT	137.	0.	0.000	0.450	21.	0.00	0.00	2.66	-8.13	-5.62	6.0
34-ELEV-LOBBY	132.	0.	0.000	0.450	20.	0.00	0.00	2.85	-7.84	-5.70	6.0
34-OFC-E	3889.	0.	0.000	0.450	587.	0.00	0.00	75.61	-231.03	-159.62	6.0
34-OFC-W	4432.	0.	0.000	0.450	669.	0.00	0.00	86.16	-263.27	-181.89	6.0
34-OFC-S	2422.	0.	0.000	0.450	366.	0.00	0.00	47.08	-143.85	-99.39	6.0
34-CORR	164.	0.	0.000	0.450	25.	0.00	0.00	3.54	-9.73	-7.08	6.0
34-OFC-N	2162.	0.	0.000	0.450	327.	0.00	0.00	42.04	-128.44	-88.74	6.0
34-JC	11.	0.	0.000	0.450	2.	0.00	0.00	0.57	-0.29	-0.39	6.0

1 DOE 2.1E 1 Hudson Blvd, Brooklyn, NY DOE-2.1E-121 Tue Sep 8 16:00:35

2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

40-42-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
40-42-FLR-SYS	PVAVS	1.000	107004.9	584.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
52800.	34.394	2.0	0.	0.000	0.0	0.151	1755.880	0.745	0.000	0.20	0.20
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
40-TOILET	187.	0.	0.000	0.810	28.	0.00	0.00	4.03	-11.08	-8.06	2.0
40-OFC-CORE	4067.	0.	0.000	0.810	614.	0.00	0.00	79.05	-241.56	-166.89	2.0
40-ELEV-LOBBY	259.	0.	0.000	0.810	39.	0.00	0.00	5.59	-15.39	-11.19	2.0
40-OFC-E	3825.	0.	0.000	0.810	578.	0.00	0.00	74.35	-227.19	-156.97	2.0
40-OFC-W	4359.	0.	0.000	0.810	658.	0.00	0.00	84.74	-258.93	-178.90	2.0
40-OFC-S	2499.	0.	0.000	0.810	377.	0.00	0.00	48.57	-148.42	-102.54	2.0



40-CORR	257.	0.	0.000	0.810	39.	0.00	0.00	5.55	-15.26	-11.10	2.0
40-OFC-N	2129.	0.	0.000	0.810	321.	0.00	0.00	41.39	-126.46	-87.37	2.0
40-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.0
40-JC	11.	0.	0.000	0.810	2.	0.00	0.00	0.56	-0.51	-0.70	2.0
42-TOILET	254.	0.	0.000	0.810	38.	0.00	0.00	5.48	-15.07	-10.96	1.0
42-OFC-CORE	4039.	0.	0.000	0.810	610.	0.00	0.00	78.51	-239.91	-165.75	1.0
42-ELEV-LOBBY	129.	0.	0.000	0.810	19.	0.00	0.00	2.79	-7.66	-5.57	1.0
42-OFC-E	3837.	0.	0.000	0.810	579.	0.00	0.00	74.60	-227.95	-157.49	1.0
42-OFC-W	4363.	0.	0.000	0.810	659.	0.00	0.00	84.82	-259.16	-179.06	1.0
42-OFC-S	2539.	0.	0.000	0.810	383.	0.00	0.00	49.35	-150.80	-104.19	1.0
42-CORR	316.	0.	0.000	0.810	48.	0.00	0.00	6.82	-18.76	-13.64	1.0
42-OFC-N	2131.	0.	0.000	0.810	322.	0.00	0.00	41.42	-126.56	-87.44	1.0
42-JC	11.	0.	0.000	0.810	2.	0.00	0.00	0.56	-0.51	-0.70	1.0

1 DOE 2.1E

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BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

43-50-FLR-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
43-50-FLR-SYS	PVAVS	1.000	167096.3	1524.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
142400.	93.763	2.0	0.	0.000	0.0	0.149	4716.443	0.747	0.000	0.20	0.20
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
43-TENANT	246.	0.	0.000	0.470	37.	0.00	0.00	4.79	-14.64	-10.12	8.0
43-TOILET	185.	0.	0.000	0.470	28.	0.00	0.00	4.00	-11.00	-8.00	8.0

43-OFC-CORE	4026.	0.	0.000	0.470	600.	0.00	0.00	78.27	-239.16	-165.24	8.0
43-ELEV-LOBBY	130.	0.	0.000	0.470	19.	0.00	0.00	2.80	-7.70	-5.60	8.0
43-OFC-E	3855.	0.	0.000	0.470	574.	0.00	0.00	74.94	-228.99	-158.21	8.0
43-OFC-W	4384.	0.	0.000	0.470	653.	0.00	0.00	85.22	-260.41	-179.92	8.0
43-OFC-S	2563.	0.	0.000	0.470	382.	0.00	0.00	49.82	-152.21	-105.17	8.0
43-CORR	259.	0.	0.000	0.470	39.	0.00	0.00	5.60	-15.39	-11.19	8.0
43-OFC-N	2141.	0.	0.000	0.470	319.	0.00	0.00	41.62	-127.18	-87.87	8.0
43-JC	11.	0.	0.000	0.470	2.	0.00	0.00	0.56	-0.30	-0.41	8.0

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

RETAIL-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE		ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )			MAX PEOPLE					
RETAIL-SYS	PVAVS		1.000	9427.5			189.					
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	
13866.	10.481	2.3	0.	0.000	0.0	0.177	571.045	0.570	0.000	0.26	0.37	
ZONE NAME	SUPPLY FLOW (CFM )		EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
1-RETAIL	13866.		0.	0.000	1.000	2454.	0.00	0.00	224.63	-1029.57	-524.14	1.0

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

HP-C1-1-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE		ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )			MAX PEOPLE					
HP-C1-1-SYS	PVAVS		1.000	2902.3			10.					
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	

1250.	0.739	1.8	0.	0.000	0.0	0.104	44.393	0.630	0.000	0.21	0.20
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ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	EXTRACTION SENSIBLE RATE (SHR) (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
C1-CORR	1250.	0.	0.000	1.000	130.	0.00	0.00 24.30	-74.25	-81.00	1.0

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## BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

HP-C2-2-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE		ALTITUDE MULTIPLIER	FLOOR AREA ( SQFT )		MAX PEOPLE					
HP-C2-2-SYS	PVAVS		1.000	1631.9		5.					
SUPPLY FAN ( CFM )	ELEC ( KW )	DELTA-T ( F )	RETURN FAN ( CFM )	ELEC ( KW )	DELTA-T ( F )	OUTSIDE AIR RATIO	COOLING CAPACITY ( KBTU/HR )	SENSIBLE ( SHR )	HEATING CAPACITY ( KBTU/HR )	COOLING EIR ( BTU/BTU )	HEATING EIR ( BTU/BTU )
800.	0.252	1.0	0.	0.000	0.0	0.125	26.325	0.673	0.000	0.21	0.20

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER	
C2-CORR	800.	0.	0.000	1.000	100.	0.00	0.00	15.55	-47.52	-51.84	1.0

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BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

HP-C2-1-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE		ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )		MAX PEOPLE					
HP-C2-1-SYS	PVAVS		1.000	9366.3		0.					
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
3550.	2.280	2.0	0.	0.000	0.0	0.137	115.211	0.706	0.000	0.23	0.20

ZONE	SUPPLY FLOW	EXHAUST FLOW	FAN	MINIMUM FLOW	OUTSIDE AIR FLOW	COOLING CAPACITY	EXTRACTION SENSIBLE RATE	HEATING CAPACITY	ADDITION RATE
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NAME	(CFM )	(CFM )	(KW)	RATIO	(CFM )	(KBTU/HR)	(SHR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	MULTIPLIER
C2-BIKE-2	133.	0.	0.000	1.000	18.	0.00	0.00	2.58	-7.87	-8.59	1.0
C2-STOR	57.	0.	0.000	1.000	8.	0.00	0.00	1.11	-3.38	-3.69	1.0
C2-TENANT	3068.	0.	0.000	1.000	420.	0.00	0.00	59.64	-182.23	-198.79	1.0
C2-BIKE-1	293.	0.	0.000	1.000	40.	0.00	0.00	5.69	-17.39	-18.97	1.0

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BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

HP-1-1to3-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
HP-1-1to3-SYS	PVAVS	1.000	2486.9	3.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
2850.	1.250	1.4	0.	0.000	0.0	0.074	97.378	0.644	0.000	0.21	0.20
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
1-BOH	1159.	0.	0.000	1.000	86.	0.00	0.00	22.53	-68.83	-50.06	1.0
1-MESS	759.	0.	0.000	1.000	56.	0.00	0.00	14.75	-45.08	-32.78	1.0
1-STOR	932.	0.	0.000	1.000	69.	0.00	0.00	18.12	-55.38	-40.28	1.0
1-CORR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0

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BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

HP-C1-2&3-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
HP-C1-2&3-SYS	PVAVS	1.000	1490.2	1.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
11600.	4.248	1.1	0.	0.000	0.0	0.000	360.727	0.535	0.000	0.22	0.20
C1-SWITCH	11600.	0.	0.000	1.000	1.	0.00	0.00	162.86	-689.04	-876.96	1.0

1 DOE 2.1E  
2015SDL RUN 1  
BaseC: Design  
REPORT- SV-A SYSTEM DESIGN PARAMETERS

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SIM: VIDARIS, INC  
HP-9-1to3-SYS  
WEATHER FILE- NEW YORK CITY TMY2

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SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE
HP-9-1to3-SYS	PVAVS	1.000	2510.0	3.

  

SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
10650.	6.380	1.9	0.	0.000	0.0	0.000	324.221	0.683	0.000	0.21	0.22

  

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
9-STAND-BY	3233.	0.	0.000	1.000	0.	0.00	0.00	55.87	-192.06	-244.44	1.0
9-ELEC	4274.	0.	0.000	1.000	0.	0.00	0.00	73.86	-253.89	-323.13	1.0
9-LIFE	3143.	0.	0.000	1.000	0.	0.00	0.00	54.30	-186.67	-237.58	1.0

1 DOE 2.1E  
2015SDL RUN 1  
BaseC: Design  
REPORT- SV-A SYSTEM DESIGN PARAMETERS

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SIM: VIDARIS, INC  
HP-18-1-SYS  
WEATHER FILE- NEW YORK CITY TMY2

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SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE
HP-18-1-SYS	PVAVS	1.000	900.0	1.

  

SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
3550.	2.130	1.9	0.	0.000	0.0	0.000	108.385	0.680	0.000	0.22	0.22

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
18-EMR	3550.	0.	0.000	1.000	0.	0.00	0.00	61.34	-210.87	-268.38	1.0

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

HP-31-1-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
HP-31-1-SYS	PVAVS	1.000	900.3	1.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
3550.	2.130	1.9	0.	0.000	0.0	0.000	108.523	0.679	0.000	0.22	0.22
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
31-EMR	3550.	0.	0.000	1.000	0.	0.00	0.00	61.34	-210.87	-268.38	1.0

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

HP-42-1-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
HP-42-1-SYS	PVAVS	1.000	900.0	1.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
5550.	2.027	1.1	0.	0.000	0.0	0.000	108.821	1.020	0.000	0.20	0.22
ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER

42-EMR 5550. 0. 0.000 1.000 1. 0.00 0.00 95.90 -329.67 -419.58 1.0

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BaseC: Design SIM: VIDARIS, INC  
REPORT- SV-A SYSTEM DESIGN PARAMETERS HP-52-1to4-SYS WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME		SYSTEM TYPE		ALTITUDE MULTIPLIER		FLOOR AREA (SQFT )		MAX PEOPLE						
HP-52-1to4-SYS		PVAVS		1.000		2992.9		3.						
SUPPLY FAN (CFM )		ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )		ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO		COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
13300.		4.767	1.1	0.		0.000	0.0	0.000		449.485	0.599	0.000	0.20	0.22
ZONE NAME		SUPPLY FLOW (CFM )		EXHAUST FLOW (CFM )		FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )		COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR) MULTIPLIER
51-ELEC-3		3770.		0.		0.000	1.000	0.		0.00	0.00	65.15	-223.94	-285.02 1.0
51-ELEC-1		5912.		0.		0.000	1.000	1.		0.00	0.00	102.15	-351.15	-446.91 1.0
51-ELEC-2		3618.		0.		0.000	1.000	0.		0.00	0.00	62.52	-214.93	-273.55 1.0

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BaseC: Design SIM: VIDARIS, INC  
REPORT- SV-A SYSTEM DESIGN PARAMETERS HP-52M-1-SYS WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME		SYSTEM TYPE		ALTITUDE MULTIPLIER		FLOOR AREA (SQFT )		MAX PEOPLE						
HP-52M-1-SYS		PVAVS		1.000		1610.7		5.						
SUPPLY FAN (CFM )		ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )		ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO		COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
4500.		1.468	1.0	0.		0.000	0.0	0.000		152.477	0.615	0.000	0.20	0.22
ZONE NAME		SUPPLY FLOW (CFM )		EXHAUST FLOW (CFM )		FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )		COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR) MULTIPLIER
51M-EMR		4214.		0.		0.000	1.000	0.		0.00	0.00	72.82	-250.33	-318.61 1.0

51M-ELEV-LOB	286.	0.	0.000	1.000	0.	0.00	0.00	14.50	-16.97	-12.34	1.0
51M-CORR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
51M-SHAFT	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

CRAC-C1-1to4-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
CRAC-C1-1to4-SYS	PVAVS	1.000	1175.6	1.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
5280.	0.830	0.5	0.	0.000	0.0	0.000	150.716	1.378	0.000	0.19	0.20
ZONE NAME		SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR) MULTIPLIER
C1-TELE		5280.	0.	0.000	1.000	0.	0.00	0.00	268.01	-313.63	-228.10 1.0

1 DOE 2.1E 1 Hudson Blvd, Brooklyn, NY DOE-2.1E-121 Tue Sep 8 16:00:35

2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

CRAC-2-1-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE							
CRAC-2-1-SYS	PVAVS	1.000	233.7	1.							
SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
2800.	1.467	1.6	0.	0.000	0.0	0.000	69.911	1.611	0.000	0.26	0.20
ZONE NAME		SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR) MULTIPLIER
2-SECURITY-SERVE		2800.	0.	0.000	1.000	0.	0.00	0.00	127.01	-166.32	-120.96 1.0





NAME	TYPE		MULTIPLIER	( SQFT )		PEOPLE						
STAIR-SYS	PVAVS		1.000	1072997.8		115.						
SUPPLY FAN ( CFM )	ELEC ( KW )	DELTA-T ( F )	RETURN FAN ( CFM )	ELEC ( KW )	DELTA-T ( F )	OUTSIDE AIR RATIO	COOLING CAPACITY ( KBTU/HR )	SENSIBLE ( SHR )	HEATING CAPACITY ( KBTU/HR )	COOLING EIR ( BTU/BTU )	HEATING EIR ( BTU/BTU )	
493.	0.646	4.1	0.	0.000	0.0	0.020	54.937	-2.371	0.000	0.28	0.37	
ZONE NAME		SUPPLY FLOW ( CFM )	EXHAUST FLOW ( CFM )	FAN ( KW )	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW ( CFM )	COOLING CAPACITY ( KBTU/HR )	SENSIBLE ( SHR )	EXTRACTION RATE ( KBTU/HR )	HEATING CAPACITY ( KBTU/HR )	ADDITION RATE ( KBTU/HR )	MULTIPLIER
C2-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
C1-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
1-STAIR		298.	0.	0.000	1.000	6.	0.00	0.00	6.75	-17.69	-50.70	1.0
2-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
3-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.0
6-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
7-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.0
9-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
10-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
12-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.0
13-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	4.0
17-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
18-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
19-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
20-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
21-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.0
30-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
31-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
32-STAIR		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.0

34-STAIR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	6.0
40-STAIR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.0
42-STAIR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0

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1 Hudson Blvd, Brooklyn, NY

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

STAIR-SYS

WEATHER FILE- NEW YORK CITY TMY2

(CONTINUED)

43-STAIR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.0
51-STAIR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
51M-STAIR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
53-STAIR	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
1-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
2-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
3-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	3.0
6-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
7-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.0
10-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
12-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.0
13-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	4.0
17-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
18-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
19-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
20-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
21-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	9.0
31-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
32-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	2.0
34-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	6.0

42-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
43-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	8.0
51-PLENUM-2	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
51-PLENUM	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
52-STAIR	23.	0.	0.000	1.000	0.	0.00	0.00	0.52	-1.36	-12.78	1.0
52-ELEV-LOB	172.	0.	0.000	1.000	3.	0.00	0.00	3.90	-10.21	-20.82	1.0

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BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

MECH-SYS

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE		ALTITUDE MULTIPLIER	FLOOR AREA ( SQFT )		MAX PEOPLE						
MECH-SYS	PVAVS		1.000	53262.0		157.						
SUPPLY FAN ( CFM )	ELEC ( KW )	DELTA-T ( F )	RETURN FAN ( CFM )	ELEC ( KW )	DELTA-T ( F )	OUTSIDE AIR RATIO	COOLING CAPACITY ( KBTU/HR )	SENSIBLE ( SHR )	HEATING CAPACITY ( KBTU/HR )	COOLING EIR ( BTU/BTU )	HEATING EIR ( BTU/BTU )	
3000.	7.233	7.5	0.	0.000	0.0	0.020	49.662	0.654	-173.125	0.28	0.37	
ZONE NAME		SUPPLY FLOW ( CFM )	EXHAUST FLOW ( CFM )	FAN ( KW )	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW ( CFM )	COOLING CAPACITY ( KBTU/HR )	SENSIBLE ( SHR )	EXTRACTION RATE ( KBTU/HR )	HEATING CAPACITY ( KBTU/HR )	ADDITION RATE ( KBTU/HR )	MULTIPLIER
C2-FUEL		283.	0.	0.000	1.000	6.	0.00	0.00	4.88	-16.78	-15.26	1.0
SHAFT		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
C1-MECH		281.	0.	0.000	1.000	6.	0.00	0.00	4.86	-16.69	-15.17	1.0
C1-STORM		87.	0.	0.000	1.000	2.	0.00	0.00	1.51	-5.19	-4.71	1.0
C1-FIRE		37.	0.	0.000	1.000	1.	0.00	0.00	0.64	-2.21	-2.01	1.0
C1-NWP-COMPT		165.	0.	0.000	1.000	3.	0.00	0.00	2.86	-9.82	-8.93	1.0
C1-WATER		94.	0.	0.000	1.000	2.	0.00	0.00	1.63	-5.60	-5.09	1.0
C1-GAS		194.	0.	0.000	1.000	4.	0.00	0.00	3.35	-11.52	-10.47	1.0
C1-TRANS-VAULT		181.	0.	0.000	1.000	4.	0.00	0.00	3.13	-10.75	-9.77	1.0
C2-MECH		155.	0.	0.000	1.000	3.	0.00	0.00	2.68	-9.22	-8.38	1.0

2-MECH-1	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
2-MECH-2	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
3-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	3.0
6-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
7-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	2.0
12-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	2.0
13-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	4.0
17-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
17-EMR	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
18-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
19-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
20-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0

1 DOE 2.1E

2015SDL RUN 1

BaseC: Design

REPORT- SV-A SYSTEM DESIGN PARAMETERS

SIM: VIDARIS, INC

1 Hudson Blvd, Brooklyn, NY

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MECH-SYS				WEATHER FILE- NEW YORK CITY TMY2							
				(CONTINUED)							
21-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	9.0
30-MECH	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
30-EMR	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
31-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
32-EMR	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.54	2.0
32-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	2.0
34-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	6.0
40-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	2.0
42-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	1.0
43-MECH	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.76	8.0
51M-STORAGE	53.	0.	0.000	1.000	1.	0.00	0.00	0.34	-3.12	-2.84	1.0

2-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
2-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0
3-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	3.0
3-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	3.0
6-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
6-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0
7-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	2.0
7-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	2.0
10-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
10-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0
12-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	2.0
12-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	2.0
13-ELEC-2	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	4.0
13-TEL-2	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	4.0
17-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0
17-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
18-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0
18-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
19-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0

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2015SDL RUN 1

BaseC: Design

SIM: VIDARIS, INC

REPORT- SV-A SYSTEM DESIGN PARAMETERS

MECH-SYS

WEATHER FILE- NEW YORK CITY TMY2

----- (CONTINUED) -----

19-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
20-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0
20-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
21-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	9.0
21-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	9.0

30-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0
30-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
31-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0
31-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
32-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	2.0
32-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	2.0
34-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	6.0
34-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	6.0
40-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	2.0
40-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	2.0
42-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	1.0
42-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	1.0
43-ELEC	10.	0.	0.000	1.000	0.	0.00	0.00	-0.04	-0.59	-0.70	8.0
43-TEL	10.	0.	0.000	1.000	0.	0.00	0.00	0.06	-0.59	-0.70	8.0

1 DOE 2.1E

2015SDL RUN 1

BaseC: Design

REPORT- SV-A

1 Hudson Blvd, Brooklyn, NY

SIM: VIDARIS, INC

SYSTEM DESIGN PARAMETERS

HV-9-5&52-3-SYS

DOE-2.1E-121

Tue Sep 8 16:00:35

WEATHER FILE- NEW YORK CITY TMY2

SYSTEM NAME	SYSTEM TYPE	ALTITUDE MULTIPLIER	FLOOR AREA (SQFT )	MAX PEOPLE
HV-9-5&52-3-SYS	PVAVS	1.000	47632.3	19.

SUPPLY FAN (CFM )	ELEC (KW)	DELTA-T (F)	RETURN FAN (CFM )	ELEC (KW)	DELTA-T (F)	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)
30000.	59.789	6.2	0.	0.000	0.0	1.000	461.252	0.559	-2504.480	0.31	0.37

ZONE NAME	SUPPLY FLOW (CFM )	EXHAUST FLOW (CFM )	FAN (KW)	MINIMUM FLOW RATIO	OUTSIDE AIR FLOW (CFM )	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	MULTIPLIER
9-MECH	24658.	0.	0.000	1.000	24658.	0.00	0.00	426.09	-1464.68	-1331.52	1.0

9-CORR	28.	0.	0.000	1.000	28.	0.00	0.00	0.49	-1.68	-1.52	1.0
9-GEN	800.	0.	0.000	1.000	800.	0.00	0.00	13.83	-47.53	-43.21	1.0
51-MECH-1	538.	0.	0.000	1.000	538.	0.00	0.00	3.48	-31.93	-29.03	1.0
51-MECH-2	898.	0.	0.000	1.000	898.	0.00	0.00	5.82	-53.33	-48.48	1.0
51-MECH-3	1264.	0.	0.000	1.000	1264.	0.00	0.00	8.19	-75.07	-68.25	1.0
51-MECH-4	285.	0.	0.000	1.000	285.	0.00	0.00	1.85	-16.96	-15.42	1.0
51-FIRE	68.	0.	0.000	1.000	68.	0.00	0.00	0.44	-4.03	-3.66	1.0
51-STOR	227.	0.	0.000	1.000	227.	0.00	0.00	1.47	-13.51	-12.28	1.0
51-TBD-1	305.	0.	0.000	1.000	305.	0.00	0.00	1.98	-18.13	-16.48	1.0
51-TBD-2	28.	0.	0.000	1.000	28.	0.00	0.00	0.18	-1.68	-1.52	1.0
51-TBD-3	157.	0.	0.000	1.000	157.	0.00	0.00	1.02	-9.31	-8.46	1.0
51-TBD-4	110.	0.	0.000	1.000	110.	0.00	0.00	0.71	-6.54	-5.95	1.0
51-CORR	28.	0.	0.000	1.000	28.	0.00	0.00	0.18	-1.68	-1.52	1.0
51-SHAFT	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0
51-GEN	605.	0.	0.000	1.000	605.	0.00	0.00	3.92	-35.96	-32.69	1.0
52-SHAFT	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.0

1 DOE 2.1E			1 Hudson Blvd, Brooklyn, NY					DOE-2.1E-121 Tue Sep 8 16:00:35				
2015SDL RUN 1												
BaseC: Design			SIM: VIDARIS, INC									
REPORT- SV-A			SYSTEM DESIGN PARAMETERS				LOADING-SYS		WEATHER FILE- NEW YORK CITY TMY2			
-----												
SYSTEM NAME		SYSTEM TYPE		ALTITUDE MULTIPLIER		FLOOR AREA (SQFT )		MAX PEOPLE				
LOADING-SYS		PVAVS		1.000		3808.4		0.				
SUPPLY FAN (CFM )		ELEC (KW)		DELTA-T (F)		RETURN FAN (CFM )		ELEC (KW)		DELTA-T (F)		
657.		3.532		16.6		0.		0.000		0.0		



1-LOADING	647.	0.	0.000	1.000	13.	0.00	0.00	11.18	-38.44	-52.42	1.0
1-TOILET	10.	0.	0.000	1.000	0.	0.00	0.00	0.17	-0.59	-0.81	1.0

1 DOE 2.1E  
2015PDL RUN 1  
BaseC: Design  
REPORT- PV-A EQUIPMENT SIZES

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SIM: VIDARIS, INC  
WEATHER FILE- NEW YORK CITY TMY2

EQUIPMENT	NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER	
	SIZE	INSTD	SIZE	INSTD	SIZE	INSTD	SIZE	INSTD	SIZE	INSTD	SIZE	INSTD
	(MBTU/H)	AVAIL	(MBTU/H)	AVAIL	(MBTU/H)	AVAIL	(MBTU/H)	AVAIL	(MBTU/H)	AVAIL	(MBTU/H)	AVAIL
HW-BOILER	5.670	5	5									
ELEC-DHW-HEATER	0.607	1	1									

1 DOE 2.1E  
2015PDL RUN 1  
BaseC: Design  
REPORT- PS-C EQUIPMENT PART LOAD OPERATION

1 Hudson Blvd, Brooklyn, NY  
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SIM: VIDARIS, INC  
WEATHER FILE- NEW YORK CITY TMY2

EQUIPMENT	HOURS AT PERCENT PART LOAD RATIO												TOTAL HOURS	ANNUAL LOAD (MBTU)	FALSE LOAD (MBTU)	ELEC USED (KWH)	THERMAL USED (MBTU)										
	0	--	10	--	20	--	30	--	40	--	50	--	60	--	70	--	80	--	90	--	100	-	110+				
HW-BOILER	1382		392		219		179		118		353		368		398		356		240		0		4005	14489.2	0.0	66.	17044.2
	2290		641		492		321		172		52		25		9		2		1		0						
ELEC-DHW-HEATER	2496		3132		0		0		196		458		718		787		671		302		0		8760	1630.2	0.0	524401.	0.0
	2496		3132		0		0		196		458		718		787		671		302		0						

HOT LOOP CIRCULATION PUMP ELECTRICAL USE = 56797. KWH  
COLD LOOP CIRCULATION PUMP ELECTRICAL USE = 0. KWH  
CONDENSER WATER PUMP ELECTRICAL USE = 0. KWH  
TOWER OR CONDENSER FAN ELECTRICAL USE = 0. KWH

NOTES TO TABLE

1) THE FIRST PART LOAD ENTRY FOR EACH PIECE OF EQUIPMENT IS  
THE HOURLY LOAD DIVIDED BY THE HOURLY OPERATING CAPACITY

2) THE SECOND PART LOAD ENTRY FOR EACH PIECE OF EQUIPMENT IS  
THE HOURLY LOAD DIVIDED BY THE TOTAL INSTALLED CAPACITY

1 DOE 2.1E 1 Hudson Blvd, Brooklyn, NY DOE-2.1E-121 Tue Sep 8 16:00:35  
2015PDL RUN 1  
BaseC: Design SIM: VIDARIS, INC  
REPORT- PS-D PLANT LOADS SATISFIED WEATHER FILE- NEW YORK CITY TMY2

HEATING LOADS	MBTU SUPPLIED	PCT OF TOTAL LOAD
-----	-----	-----
HW-BOILER	14489.2	89.9
ELEC-DHW-HEATER	1630.2	10.1
	=====	=====
LOAD SATISFIED	16119.4	100.0
TOTAL LOAD ON PLANT	16119.3	

ELECTRICAL LOADS	KWH SUPPLIED	PCT OF TOTAL LOAD
-----	-----	-----
ELECTRICITY	15624212.0	100.0
	=====	=====
LOAD SATISFIED	15624211.0	100.0
TOTAL LOAD ON PLANT	15624234.0	

1 DOE 2.1E 1 Hudson Blvd, Brooklyn, NY DOE-2.1E-121 Tue Sep 8 16:00:35  
2015PDL RUN 1  
BaseC: Design SIM: VIDARIS, INC  
REPORT- PS-D PLANT LOADS SATISFIED WEATHER FILE- NEW YORK CITY TMY2  
----- (CONTINUED) -----

SUMMARY OF LOADS MET

TYPE OF LOAD	TOTAL LOAD (MBTU)	LOAD SATISFIED (MBTU)	TOTAL OVERLOAD (MBTU)	PEAK OVERLOAD (MBTU)	HOURS OVERLOADED
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HEATING LOADS	16119.3	16119.4	0.000	0.000	0

[illegible]

0	SPACE HEAT	5359.1	3596.1	2403.1	461.1	142.8	0.0	0.0	0.0	0.0	397.4	1354.8	3745.5	17459.9
	MAX MBTU	33.754	22.691	19.712	7.157	3.909	0.000	0.000	0.000	0.000	7.817	18.212	21.839	33.754
	DAY/HR	23/ 8	15/ 8	22/ 5	3/ 8	7/ 8	0/ 0	0/ 0	0/ 0	0/ 0	30/ 8	22/ 5	4/ 8	
		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
0	TOTAL MBTU	5359.1	3596.1	2403.1	461.1	142.8	0.0	0.0	0.0	0.0	397.4	1354.8	3745.5	17459.9

1 DOE 2.1E  
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2015PDL RUN 1  
BaseC: Design SIM: VIDARIS, INC  
REPORT- PS-H EQUIPMENT USE STATISTICS WEATHER FILE- NEW YORK CITY TMY2

E Q U I P M E N T	AVG	MAX	MON		SIZE OPER		SIZE OPER		SIZE OPER		SIZE OPER		SIZE OPER	
	OPER RATIO	LOAD (MBTU)	DAY	HR	(MBTU)	HRS	(MBTU)	HRS	(MBTU)	HRS	(MBTU)	HRS	(MBTU)	HRS
HW-BOILER	0.475	28.269	1	23 8	5.670	5380								
ELEC-DHW-HEATER	0.307	0.595	3	31 16	0.607	8760								

1 DOE 2.1E  
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2015PDL RUN 1  
BaseC: Design SIM: VIDARIS, INC  
REPORT- BEPS BUILDING ENERGY PERFORMANCE SUMMARY WEATHER FILE- NEW YORK CITY TMY2

ENERGY TYPE:	ELECTRICITY	NATURAL-GAS
UNITS:	MBTU	
CATEGORY OF USE		
AREA LIGHTS	16142.5	0.0
MISC EQUIPMT	17206.9	0.0
SPACE HEAT	0.3	17459.9
SPACE COOL	4924.9	0.0
HEAT REJECT	1006.6	0.0
PUMPS & MISC	1062.5	0.0
VENT FANS	8347.2	0.0
DOMHOT WATER	1789.7	0.0

EXT LIGHTS	326.2	0.0
EXT MISC	2518.6	0.0
	-----	-----
TOTAL	53325.4	17459.9

TOTAL SITE ENERGY	70785.25 MBTU	61.6 KBTU/SQFT-YR GROSS-AREA	61.6 KBTU/SQFT-YR NET-AREA
TOTAL SOURCE ENERGY	177451.97 MBTU	154.5 KBTU/SQFT-YR GROSS-AREA	154.5 KBTU/SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.2  
 PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.0

NOTE: ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.

1 DOE 2.1E	1 Hudson Blvd, Brooklyn, NY	DOE-2.1E-121 Tue Sep 8 16:00:35
2015PDL RUN 1		
BaseC: Design	SIM: VIDARIS, INC	
REPORT- BEPU BUILDING ENERGY PERFORMANCE SUMMARY (UTILITY UNITS)		WEATHER FILE- NEW YORK CITY TMY2

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ENERGY TYPE: SITE UNITS:	ELECTRICITY KWH	NATURAL-GAS THERM
CATEGORY OF USE -----		
AREA LIGHTS	4729754.	0.
MISC EQUIPMT	5041620.	0.
SPACE HEAT	77.	174599.
SPACE COOL	1442998.	0.
HEAT REJECT	294929.	0.
PUMPS & MISC	311301.	0.
VENT FANS	2445736.	0.
DOMHOT WATER	524394.	0.
EXT LIGHTS	95570.	0.
EXT MISC	737949.	0.

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TOTAL	15624328.	174599.
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TOTAL ELECTRICITY	15624328. KWH	13.607 KWH	/SQFT-YR GROSS-AREA	13.607 KWH	/SQFT-YR NET-AREA
TOTAL NATURAL-GAS	174599. THERM	0.152 THERM	/SQFT-YR GROSS-AREA	0.152 THERM	/SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.2  
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.0

NOTE: ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.

1 DOE 2.1E	1 Hudson Blvd, Brooklyn, NY	DOE-2.1E-121 Tue Sep 8 16:00:35
2015EDL RUN 1		
BaseC: Design	SIM: VIDARIS, INC	
REPORT- ES-D ENERGY COST SUMMARY		

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UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?
-----	-----	-----	-----	-----	-----	-----
0SC9-ELEC-TARIFF	ELECTRICITY	1 2 3 4 5	15624208. KWH	3493996.	0.2236	YES
0SC2-II-GAS-TARIF	NATURAL-GAS	1 2 3	174599. THERM	193230.	1.1067	YES
0				=====		
0				3687226.		

ENERGY COST/GROSS BLDG AREA:	3.21
ENERGY COST/NET BLDG AREA:	3.21