

Master Building Program for Christ Lutheran Church

Lake Elmo, Minnesota

11/30/2009

Revised 3/3/10

No.	Name	Existing	Occ Fac	Occupa	New ST	New LT	Total	Occupa	Remarks
A Administration									
A1	Reception/admin asst	232	100	2.32	0	-	232	2.32	
A2	Workroom	0	100	0	160	-	160	1.6	
A3	Senior Pastor's Office	184	100	1.84	56	-	240	2.4	
A4	Asst Pastor's Office	0	100	0	200	-	200	2	
A5	Music Director's Office	179	100	1.79	0	-	179	1.79	
A6	Youth Director's Office	208	100	2.08	0	-	208	2.08	
A7	Education Director's Office	117	100	1.17	0	-	117	1.17	
A8	Office Storage	0	300	0	100	-	100	1	
A9	Conference/Counseling	0	15	0	300	-	300	20	
A10	Parish Nurse	161	100	1.61	0	-	161	1.61	
A10	Volunteer Office	0	100	0	0	160	160	1.6	
	Totals	1081	-	10.81	816	160	2057	37.57	
B Hospitality									
B1	Narthex/Gathering	392	15	26.13	926	-	1318	87.86	50% of Sanctuary
B2	Beverage Center	0	15	0	30	-	30	2	
B3	Media Room	161	20	8.05	139	-	300	15	
B4	Kitchenette	68	200	0.34	32	-	100	0.5	
	Totals	621	-	34.52	1127	-	1748	105.36	
C Education									
C1	Nursery 0-3	456	35	13	0	-	456	13	
C2	Nursery Storage	0	300	0	50	-	50	0.16	
C3	Pre-School 3-4 (7)	168	35	4.8	132	-	300	8.6	
C4	K-First Grade 5-6 (9)	149	20	7.45	151	-	300	15	
C5	Second Grade 7 (8)	159	20	7.95	141	-	300	15	
C6	Third Grade 8 (9)	159	20	7.95	141	-	300	15	
C7	Fourth Grade 9 (11)	0	20	0	300	-	300	15	
C8	Fifth Grade 10 (in 4th)	0	20	0	300	-	300	15	
C9	Sixth Grade 11 (9)	0	20	0	300	-	300	15	
C10	Junior High 12-14 (31)	0	15	0	450	-	450	30	
C11	Senior High 15-18 (31)	0	15	0	450	-	450	30	
C12	Adult Education (20-25)	1179	15	78.6	0	-	1179	78.6	
C13	Education storage	-	300	-	100	-	100	0.34	
C14	Multi-purpose space	1478	15	98.33	0	-	1478	98.33	Mini Sanctuary
	Totals	3748	-	218.08	2515	-	6263	349.03	
D Worship		2635			266 in pews				
D1	Nave	1,966	1'-6"/pew	266	0		1,966	266	213 pract attend
D2	Music Space	317	15	21.13	0		317	21.13	
D3	Chancel	352	15	23.46	0		352	23.46	
D4	Altar Guild	0	100	0	100		100	1	
D5	Worship Storage	6	300	0.02	100		106	0.35	
D6	Sacristy	177	100	1.77	0		177	1.77	
D7	Choir Loft	313	15	20.86	0		313	20.86	
D8	Music Practice	0	20	0	600		600	30	
D9	Music Storage	107	300	0.36	100		207	0.69	
	Totals	3,238		334	900		4,138	365	

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E Social Functions									
E1	Activity Center	1873	15	124.86	-	2927	4800	320	
E2	Kitchen	406	200	2.03	-	400	806	4.03	
E3	Kitchen Storage	40	300	0.13	0	100	140	0.46	
E4	Activity Center Storage	98	300	0.33	0	200	298	0.99	
	Totals	2417	-	127.35	0	3627	6044	325.48	
F Youth									
F1	Youth Room	265	15	17.66	635	-	900	60	
F2	Youth Room Storage	0	300	0	200	-	200	0.67	
F3	Gymnasium/Social Hall	See above	-	-	-	-	-	-	
	Totals	265	-	17.66	835	-	1100	60.67	
G Building Services									
G1	Mechanical Room ML-N	139	200	0.7	-	-	139	0.7	
G2	Restroom M - MLN	79	-	-	-	-	79	-	
G3	Restroom F - MLN	96	-	-	-	-	96	-	
G4	Janitor MLN	11	200	0.06	-	-	11	0.06	
G5	Storage MLN	13	300	0.04	-	-	13	0.04	
G6	Vestibule MLN	43	-	-	-	-	43	-	
G7	Elev Equip	52	200	0.26	-	-	52	0.26	
G8	Restroom F - Elev	86	-	-	-	-	86	-	
G9	Elev vestibule	68	-	-	-	-	68	-	
G10	Equipment Room UPN	200	200	1	-	-	200	1	
G11	Toilet UPN	25	-	-	-	-	25	-	
G12	Janitor's Closet ULN	19	200	0.09	-	-	19	0.09	
G13	Elev Lobby UL	68	-	-	-	-	68	-	
G14	Storage ULE	107	300	0.36	-	-	107	0.36	
G15	Restroom M - LLS	66	-	-	-	-	66	-	
G16	Restroom F - LLS	87	-	-	-	-	87	-	
G17	Mechanical Room LLS	185	200	0.92	-	-	185	0.92	
G18	Mechanical Room	-	200	-	300	300	600	3	
G19	Restrooms F	-	-	-	230	0	230	-	
G20	Restrooms M	-	-	-	150	0	150	-	
	Totals	1344		3.43	680	300	2324	6.43	
	Gross SF Main Level	10,050							
	Gross SF Upper Level	5,269							
	Gross SF Lower Level	4,568							
	Total GSF	19,887							

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Program Summary

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A	Adminstration	1081	-	10.81	816	160	2057	37.57	
B	Hospitality	621	-	34.52	1127	-	1748	105.36	
C	Education	3748	-	218.08	2515	-	6263	349.03	
D	Worship	3238	-	334	900	-	4138	365	
E	Social Functions	2417	-	127.35	0	3627	6044	325.48	
F	Youth	265	-	17.66	835	-	1100	60.67	
G	Building Services	1344	-	3.43	680	300	2324	6.43	
		12714		745.85	6873	4087	23674	1249.5	
	Ex. Building Efficiency	12,553/19887 = 63%							
	Toilets Required	745.85 occupants/2 = 372.92							
		372.92 men/150 = 2.48 toilets = 3 toilets required							
		372.92 women/75 = 4.96 = 5 toilets required							
	Space Needs Short Term	6,873							
		6,873 x .30 = 2,620 + 6,873 = 8,935 square feet new							
	Long Term Space Needs	4087							
		4087 x .30 = 1226 + 4087 = 5,313 square feet new							
	Toilets Required	1249.5 occupants/2 = 624.75.							
		624.75 men/150 = 4.16 toilets = 4 toilets							
		624.75 women/75 = 8.33 toilets = 8 toilets							
	Current Toilets	Men T	Men U	Men L	Wom. T	Wom. L			
	Upper Level	-	-	-	1	1			
	Main Level	1	1	2	4	4			
	Lower Level	1	1	1	2	1			
	Totals	2	2	3	7	6			
	Required in Future	4	-	3	8	3			
	New required	0	-	0	1	0			

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	Additional Needs								
	Parking								
	Dishwasher								
	More visible access to upper and lower levels								
	Sewer system improvements								
	Efficient use of courtyard space								
	Sanctuary/Altar configuration								
	Sprinklers								
	Canopy/Entrance								
	Improved signage								
	Enlarge Fireside Room								
	Pre-School								
	Welcome Desk								
	Sunday School Kid Friendly conducive for learning								
	Air Condition upstairs								
	Mini-sanctuary - for kids								
	Bell tower renovations								