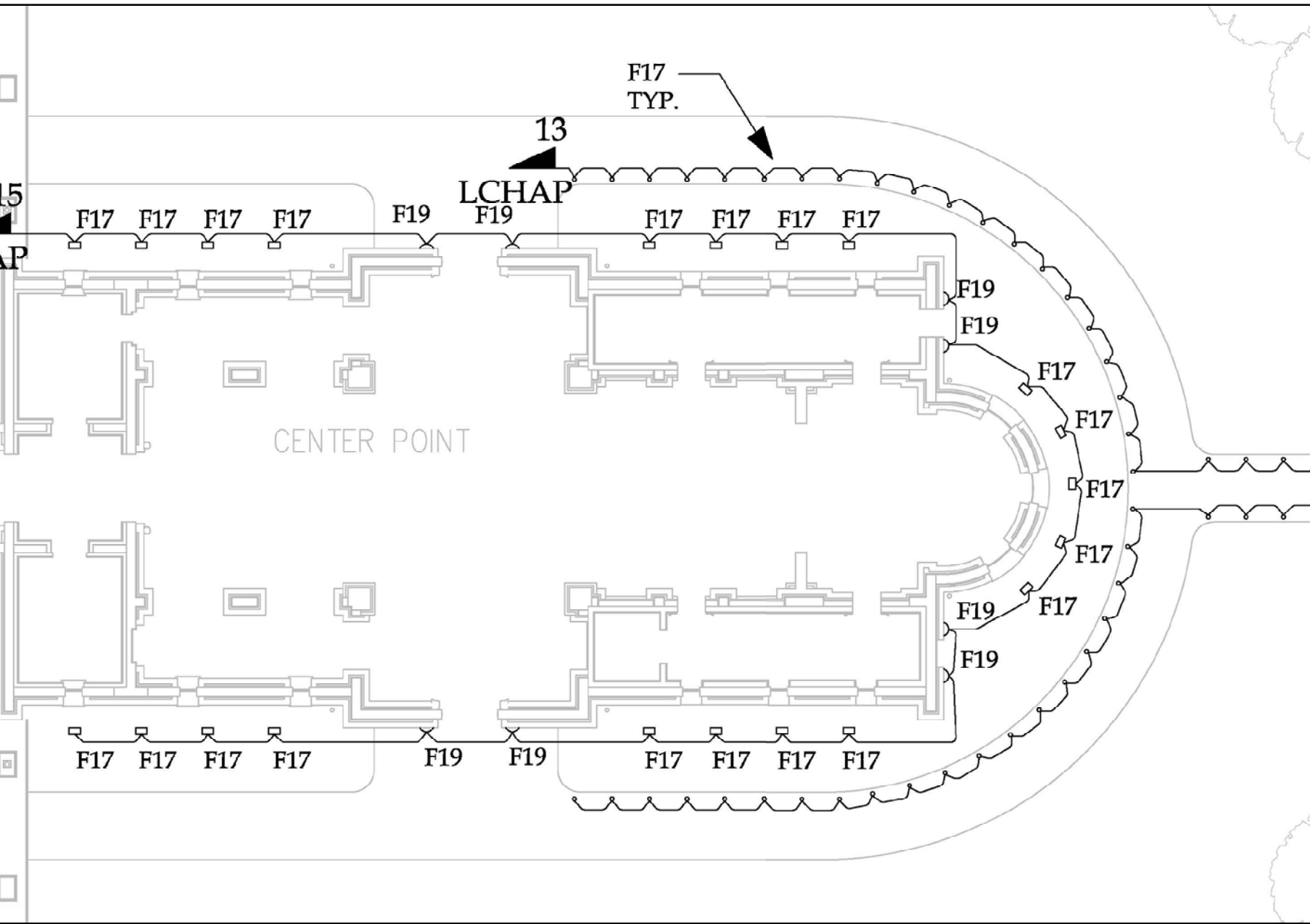


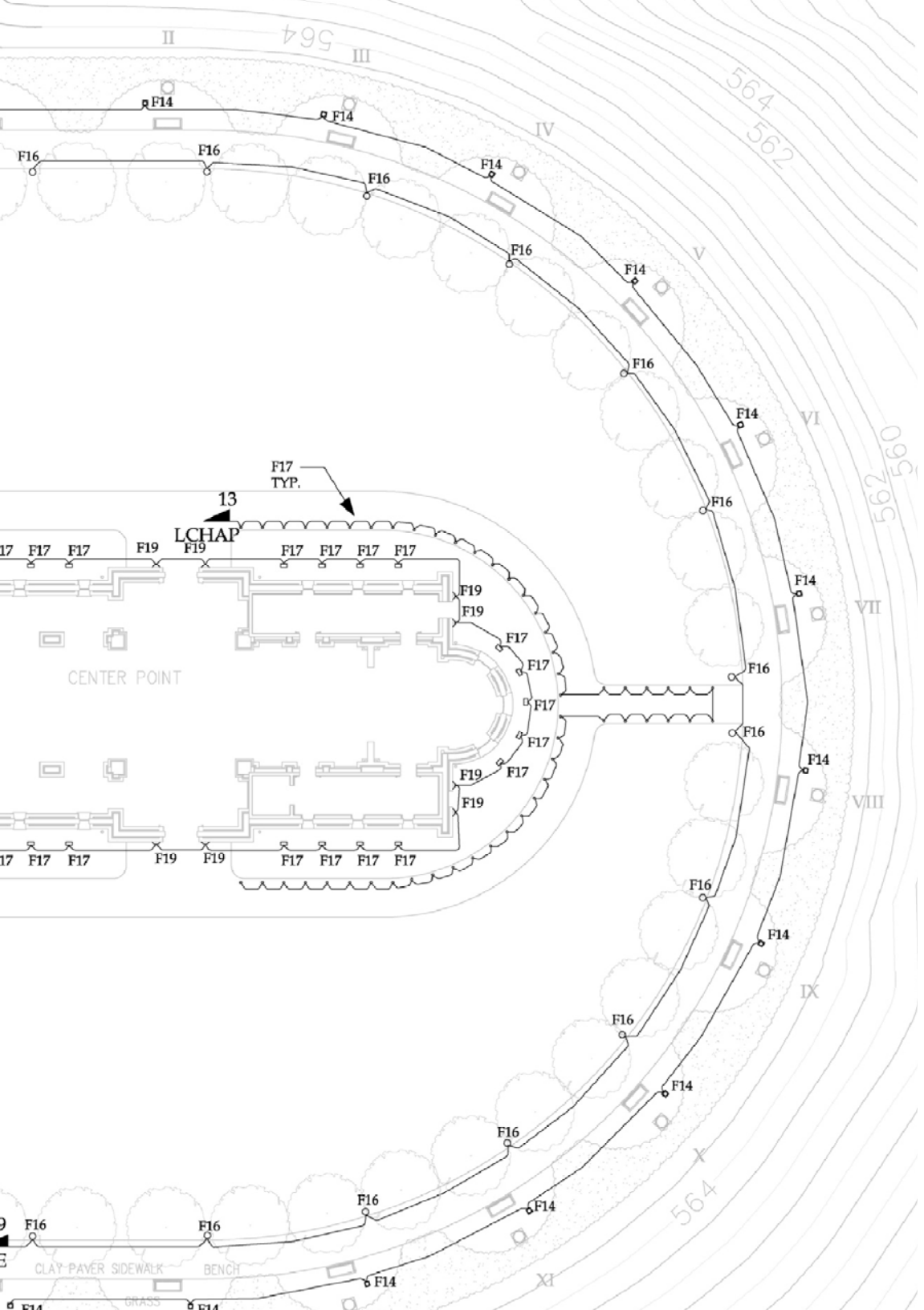
COMPARISON: COPPER TO ALUMINUM

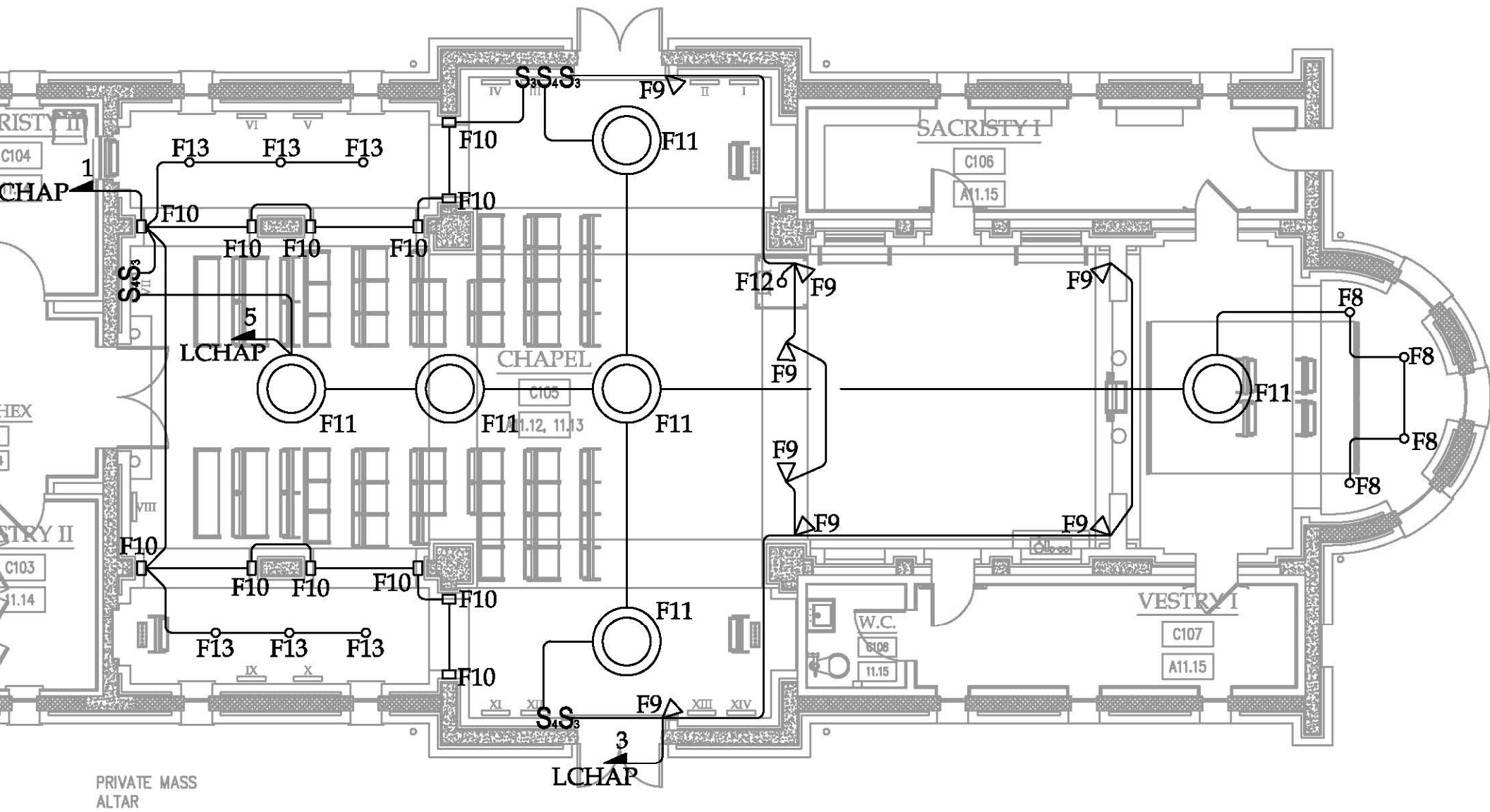
FROM	TO	FRAME SIZE/ SWITCH SIZE	OVERCURRENT PROTECTION	LENGTH (FT)	NO OF SETS	COPPER						NO OF SETS	ALUMINUM						
						CONDUCTOR/NEUTRAL			GROUND		CONDUIT		CONDUCTOR/NEUTRAL			GROUND		SIZE	
						SIZE	V <sub>drop</sub>	CLF	SIZE	CLF	SIZE		CLF	SIZE	V <sub>drop</sub>	CLF	SIZE		CLF
NS	MDP	2000	2000	85	6	400kcmil	1.20	10.84	#3	1.96	3	26.5	7	500kcmil	1.151353	4.75	#2	1.155	3
OP	ELEV	400	350	60	1	500kcmil	0.79	13.03	#3	1.96	3	26.5	2	4/O	0.90825	2.51	#4	0.9	2
OP	TROUGH	400	400	10	2	3/O	0.15	5.16	#6	1.18	2	12.9	2	250kcmil	0.1530385	2.88	#4	0.9	21
OP	LINE	225	200	125	1	3/O	1.91	5.16	#6	1.18	2	12.9	1	250kcmil	1.9129808	2.88	#4	0.9	21
OP	LB1	225	225	15	1	4/O	0.21	6.26	#4	1.665	2	12.9	1	300kcmil	0.2273744	3.59	#2	1.155	21
OP	LB2	400	400	126	2	3/O	1.93	5.16	#6	1.18	2	12.9	2	250kcmil	1.9282846	2.88	#4	0.9	21
OP	L2NE	225	150	160	1	3/O	1.84	5.16	#6	1.18	2	12.9	1	4/O	2.076	2.51	#4	0.9	2
OP	EDP	600	600	20	2	350kcmil	0.27	9.67	#4	1.665	3	26.5	2	500kcmil	0.2844519	4.75	#2	1.155	3
N	EDP	600	600	85	2	350kcmil	1.17	9.67	#4	1.665	3	26.5	2	500kcmil	1.2089207	4.75	#2	1.155	3
UGH	L1SW	225	225	130	1	4/O	1.82	6.26	#4	1.665	2	12.9	1	300kcmil	1.9705781	3.59	#2	1.155	21
UGH	KL-1	225	225	130	1	4/O	1.82	6.26	#4	1.665	2	12.9	1	300kcmil	1.9705781	3.59	#2	1.155	21
L	L2W	100	100	90	1	#2	1.47	2.35	#8	0.86	1 1/4	9.32	1	2/O	1.16775	1.97	#6	0.73	2
P	ELNE	100	100	160	1	#1	2.16	2.86	#8	0.86	1 1/2	10.44	1	2/O	2.076	1.97	#6	0.73	2
P	LCHAP	200	200	100	1	3/O	1.53	5.16	#6	1.18	2	12.9	1	250kcmil	1.5303846	2.88	#4	0.9	21
P	ELSW	200	200	130	1	3/O	1.99	5.16	#6	1.18	2	12.9	1	250kcmil	1.9895	2.88	#4	0.9	21



LD LIGHTING PLAN

"=1'-0"





CHAPEL LIGHTING PLAN

SCALE: 1/8"=1'-0"