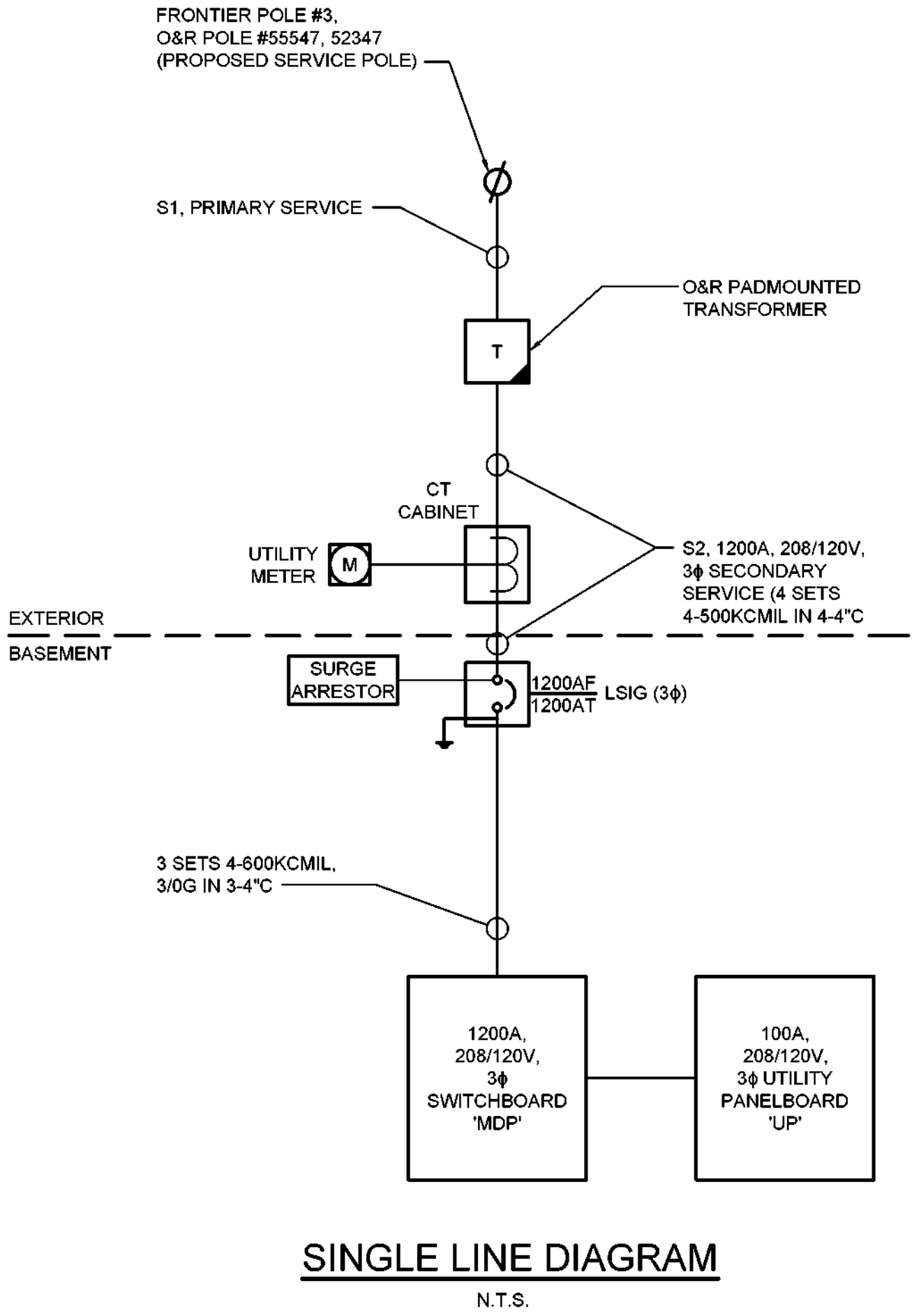


- NOTES:
- REFER TO DRAWING G1 FOR SYMBOLS AND ABBREVIATIONS.
 - GROUND NEW SERVICE IN ACCORDANCE WITH NEC AND O&R REQUIREMENTS.
 - SURGE ARRESTOR SHALL BE MODEL 200LS AS MANUFACTURED BY MCG SURGE PROTECTION OR APPROVED EQUAL.

SWITCHBOARD 'MDP'						
CKT NO.	DEVICE		LOAD DESIGNATION	LOAD		BRANCH CIRCUIT
	POLE	TRIP		H.P.	KVA	
1	2	150	PANEL 'A'		22.0	3-2/0, #6 IN 2"C
3	-	-				
5	2	150	PANEL 'C'		23.5	3-1/0, #6 IN 2"C
7	-	-				
9	2	150	PANEL 'E'		22.9	3-1/0, #6 IN 2"C
11	-	-				
13	2	150	PANEL 'G'		19.9	3-1/0, #6 IN 2"C
15	-	-				
17	2	150	SPARE			
19	-	-				
21	2	150	SPARE			
23	-	-				
25	3	100	UTILITY PANEL UP		2.6	4#2, #8G IN 1.25"C
27	-	-				
29	-	-				
31	3	30	SURGE ARRESTOR			3#10, #10G IN 3/4"C
33	-	-				
35	-	-				
37	3	100	SPARE			
39	-	-				
41	-	-				
2	2	150	PANEL 'B'		24.7	3-2/0, #6 IN 2"C
4	-	-				
6	2	150	PANEL 'D'		23.6	3-1/0, #6 IN 2"C
8	-	-				
10	2	150	PANEL 'F'		27.6	3-1/0, #6 IN 2"C
12	-	-				
14	2	200	PANEL 'K'		34.6	3-4/0, #6 IN 2"C
16	-	-				
18	2	150	SPARE			
20	-	-				
22	2	200	SPARE			
24	-	-				
26	3	50	DUCT HEATER DH-1		12.0	3#6, #10G IN 3/4"C
28	-	-				
30	-	-				
32	3	100	HOT WATER HEATER HWH-1		27	3#2, #8G IN 1.25"C
34	-	-				
36	-	-				
38	3	50	SPARE			
40	-	-				
42	-	-				
MAIN BUS: 1200A MAIN: 1200AF/1200AT MAIN BREAKER FEEDER: 3 SETS 4-600KCMIL,3/0G						
TYPE: BOLT-ON VOLTS: 208/120V PHASE: 3PH, 4W+GND						
MOUNTING: FREESTANDING AIC(SYM): 65,000 EST. CONN. KVA: 241						

UTILITY PANEL 'UP'						
CKT NO.	DEVICE		LOAD DESIGNATION	LOAD		BRANCH CIRCUIT
	POLE	TRIP		H.P.	KVA	
1	1	20	EXTERIOR LTG: POLE MOUNTED FIXTURES		0.3	2#8, #10G IN 1"C
3	1	20	EXTERIOR LTG: BUILDING EXTERIOR		0.5	2#10, #10G IN 3/4"C
5	1	20	INTERNET MODEM		0.1	2#12, #12G IN 3/4"C
7	1	20	SUPPLY FAN SF-1; FAN/DUCT HEATER CTRL	1/8		2#12, #12G IN 3/4"C
9	1	20	BSMNT REC: ELECTRICAL ROOM	0.2		2#12, #12G IN 3/4"C
11	1	20	SPARE			
13	1	20	SPARE			
15	1	20	SPARE			
17	1	20	SPARE			
19	1	20	SPARE			
21	1	20	SPARE			
23	1	20	SPARE			
25	1	20	SPARE			
27	1	20	SPARE			
29	1	20	SPARE			
31	1	20	SPARE			
33	1	20	SPARE			
35	1	20	SPARE			
37	1	20	SPARE			
39	1	20	SPARE			
41	1	20	SPARE			
2	1	15	EXTERIOR LIGHTING CONTROL PANEL		0.1	2#12, #12G IN 3/4"C
4	1	20	EXTERIOR LTG: ENTRANCE CANOPY		0.1	2#10, #10G IN 3/4"C
6	1	15	HOT WATER CIRCULATOR PUMP HWC-1	1/40		2#12, #12G IN 3/4"C
8	1	15	INLINE BOOSTER PUMP P-1		0.8	2#12, #12G IN 3/4"C
10	1	20	BSMNT REC: WATER ROOM	0.2		2#12, #12G IN 3/4"C
12	1	20	SPARE			
14	1	20	SPARE			
16	1	20	SPARE			
18	1	20	SPARE			
20	1	20	SPARE			
22	1	20	SPARE			
24	1	20	SPARE			
26	1	20	SPARE			
28	1	20	SPARE			
30	1	20	SPARE			
32	1	20	SPARE			
34	1	20	SPARE			
36	1	20	SPARE			
38	1	20	SPARE			
40	1	20	SPARE			
42	1	20	SPARE			
MAIN BUS: 100A MAIN: MLO FEEDER: MDP#25/27/29						
TYPE: BOLT-ON VOLTS: 208/120V PHASE: 3PH, 4W+GND						
MOUNTING: SURFACE AIC(SYM): 65,000 EST. CONN. KVA: 2.4						



				UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.		D&B ENGINEERS AND ARCHITECTS	TOWN OF BLOOMING GROVE		CONTRACT 2		PROJECT NO. 5708		DRAWING NO. E5
				PROJECT ENGINEER: AE	DRAWN BY: TW/JQ		ORANGE COUNTY	NEW YORK	PANELBOARD SCHEDULES AND SINGLE LINE DIAGRAM		DATE: AUGUST 2023		
				DESIGNED BY: MN	CHECKED BY: MN		LASSER PARK SENIOR CENTER			SCALE: N.T.S.			
NO.	DATE	REVISION		INT.				ELECTRICAL					