MAIN SWITCHBOARD SCHEDULE MSB

ITEM No.	CIRCUIT BREAKER							SEE NOTE	EQUIPMENT AND NAMEPLATE
	POLES	TRIP	FRAME	DESIG.	A.I.C.				
1	3	1000	1200	-	65K	-	-		MAIN CIRCUIT BREAKER
2									OWNER METERING
3									TVSS
4	3	225	400	-	65K	-	-		ACLC-1
5	3	40	100	-	65K	-	-		ATS #1
6	3	30	100	-	65K	-	-		ATS #2
7	3	100	100	-	65K	-	-		PANELBOARD LLB
8	3	225	400	-	65K	-	-		PANELBOARD PLB
9	3	100	100	-	65K	-	-		PANELBOARD LLP
10	3	200	400	-	65K	-	-		PANELBOARD PLP
11	3	250	400	-	65K	-	-		ELEVATOR
12	3	70	100	-	65K	-	-		AHU-1
13	3	-	400	-	65K	-	-		SPACE AND HARDWARE
14	3	-	400	-	65K	-	-		SPACE AND HARDWARE
15	3	-	100	-	65K	-	-		SPACE AND HARDWARE
16	3	-	100	-	65K	-	-		SPACE AND HARDWARE
17	-	-	-	-	-	-	-		-
18	-	-	-	-	-	-	-		-
19	-	-	-	-	-	-	-		-
20	-	-	-	-	-	-	-		-

SCHEDULE OF PANELBOARDS

120/208V, 3Ø, 4W.

PANEL	MAIN C.B.	M.L.O.	TVSS	SEE NOTE	TRIM	C.B. AIC	BRANCH CIRCUIT BREAKERS																					SPECIAL	1P SPACE
							TOTAL POLES	15A 2P	15A 3P	20A 1P	20A GF	20A 2P	20A 3P	30A 1P	30A 2P	30A 3P	40A 2P	40A 3P	50A 3P	60A 2P	60A 3P	70A 3P	100A 3P						
LLB	-	100	-	-	S	10K	42	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
LLP	-	100	-	-	S	10K	42	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
PLB	-	400	X	-	S	10K	84	1	4	58	-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
PLP	-	400	-	-	S	10K	84	-	-	24	-	-	4	-	4	-	1	-	-	1	-	-	-	-	-	-	-	-	42
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLP	30	-	-	-	S	10K	30	-	-	5	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELP	40	-	-	1	S	10K	30	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 FUSIBLE PANELBOARD, REFER TO SPECIFICATION.

LEGEND OF FEEDER CONDUCTORS

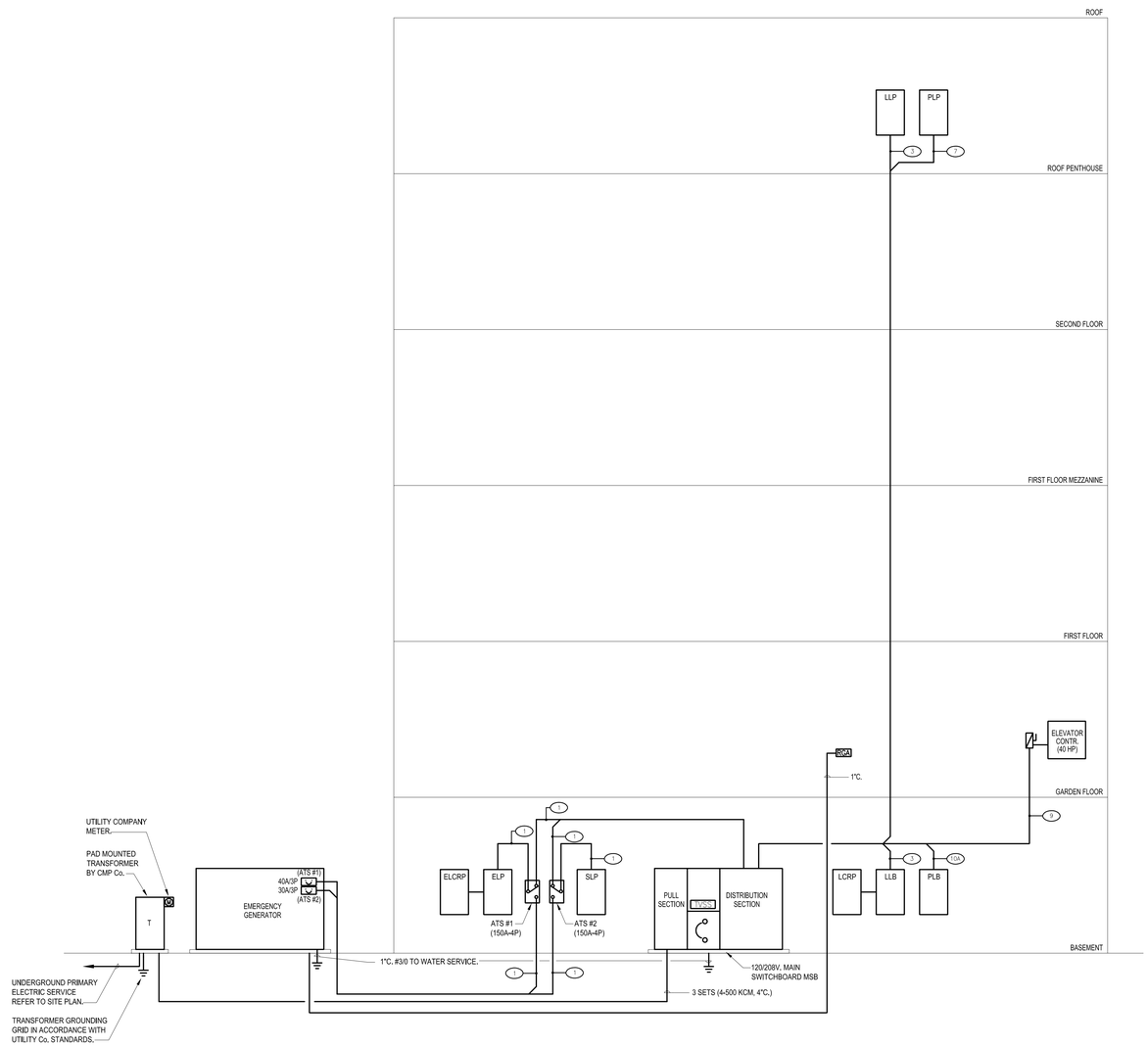
(COPPER CONDUCTORS ONLY)

FEEDER SYMBOL	CONDUCTORS (3 PHASE, 4 WIRE, THWN-THHN AND GROUNDING WIRE)	RACEWAY SIZE
1	4#6 & 1#10 G.	1 1/4"
2	4#4 & 1#8 G.	1 1/4"
3	4#2 & 1#8 G.	1 1/2"
4	4#1 & 1#6 G.	2"
5	4#1/0 & 1#6 G.	2"
6	4#2/0 & 1#6 G.	2"
7	4#3/0 & 1#6 G.	2"
8	4#4/0 & 1#4 G.	2 1/2"
9	4#250 KCM & 1#4 G.	3"
10	4#350 KCM & 1#4 G.	3"
11	4#500 KCM & 1#3 G.	4"
12	2 SETS (4#3/0 & 1#3G)	(2) 2"

LEGEND OF FEEDER CONDUCTORS - 200% NEUTRAL

(COPPER CONDUCTORS ONLY)

FEEDER SYMBOL	CONDUCTORS (3 PHASE, 4 WIRE, THWN-THHN AND GROUNDING WIRE)	RACEWAY SIZE
1A	3#6, 1#2N, 1#10G.	1 1/4"C.
2A	3#4, 1#1N, 1#8G.	1 1/4"C.
3A	3#2, 1#2/0N, 1#8G.	1 1/2"C.
4A	3#1, 1#4/0N, 1#6G.	2"C.
5A	3#1/0, 1#250KCM N, 1#6G.	2"C.
6A	3#2/0, 1#350KCM N, 1#6G.	2 1/2"C.
7A	3#3/0, 1#350KCM N, 1#6G.	2 1/2"C.
8A	3#4/0, 1#500KCM N, 1#4G.	2 1/2"C.
9A	3#250KCM, 2#250KCM N, 1#4G.	3"C.
10A	3#350KCM, 2#350KCM N, 1#4G.	3"C.
11A	3#500KCM, 2#500KCM N, 1#3G.	3 1/2"C.
12A	2 SETS (3#3/0, 2#3/0 N, & 1#2G)	(2) 2 1/2"C.



ELECTRICAL ONE-LINE DIAGRAM

Scale: NOT TO SCALE

CONSULTANTS

TMP Consulting Engineers Inc.
52 Temple Place
Boston, Massachusetts 02111-1304 USA
TEL 617-357-6060
FAX 617-357-5188
http://www.tmp.com
Mechanical Consulting Engineers

SCHWARTZ / SILVER ARCHITECTS INC.
75 Kneeland Street
Boston, Massachusetts 02111
Telephone 617/542-6650
Facsimile 617/351-0779

PROJECT

MAINE HISTORICAL SOCIETY
Date

489 CONGRESS ST.
Date

PORTLAND, MAINE
Date

DATE	REVISIONS		
05/01/07		60% CD SET	
07/02/07		100% CD REVIEW SET	
07/16/07		100% CD SET	
09/7/07	1	REVISION 1	
Date	Number	Description	

DRAWING TITLE

ELECTRICAL ONE-LINE DIAGRAM AND SCHEDULES

AS NOTED
Scale

DRAWING NUMBER

E-6

GL
Drawn By

MDC
Reviewed By

JJM
Approved By

Sheet 9 of 10

FILE: G:\DRAWING ARCHIVE\ARCHITECTURAL\04-E-5 MAINE HISTORICAL SOCIETY\489 CONGRESS ST\Bldg 1\02\04\Contract Documents\Submittal 07\Base\MEP\Base-06-009(04-01) 10, 2007 - 1:25pm smorgan
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/18/07 227aroof - (from files received on 07/18/07)
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/11/07 227a1CP - Roof2CP (from files received on 07/11/07)
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/09/07 227a1GIF - Roof2GIF (from files received on 07/09/07)
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/05/07 227a1B (from files received on 07/05/07)
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 06/27/07 227bsite (from files received on 06/27/07)
smorgan