



MCW Consultants Ltd.

Site Instruction

Date: May 17, 2017

Queen's Quay Terminal
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Project Name: AQUAVISTA - Bayside
Client: TRIDEL Corporation
To: TRIDEL Corporation
Attention: Chadi Loza
Fax number: -

Project No.: 8489D
SI No.: E 020
Page No.: 1 of 1+ 2 attached
Office: Toronto
From: Sunanda Perera
Tao Li

Distribution: Vince Mirarchi –TRIDEL
Chadi Loza - TRIDEL
Christina Lee -KIRKOR
Al Medeiros –MCW
Michael Hunter-MCW
Mark Furtado-MCW
Sarfranz H. Jaffrey-MCW

Provide itemized labour, equipment and material costs for Work listed below. Do not proceed with any of the listed Work prior to issuance of signed Change Order.

Title: Revision – Garbage Compactor Electrical Connections

Specification:

Spec	Issued	Items
Panel P-2P1RCPE P-2P1RCPW P-2P1MRAP	No	- Revise panel '2P1RCPE-26' breaker size to 20A/1P. - Revise panel '2P1RCPW-20' breaker size to 20A/1P. - Revise panel '2P1MRAP-28' breaker size to 20A/1P.

Electrical:

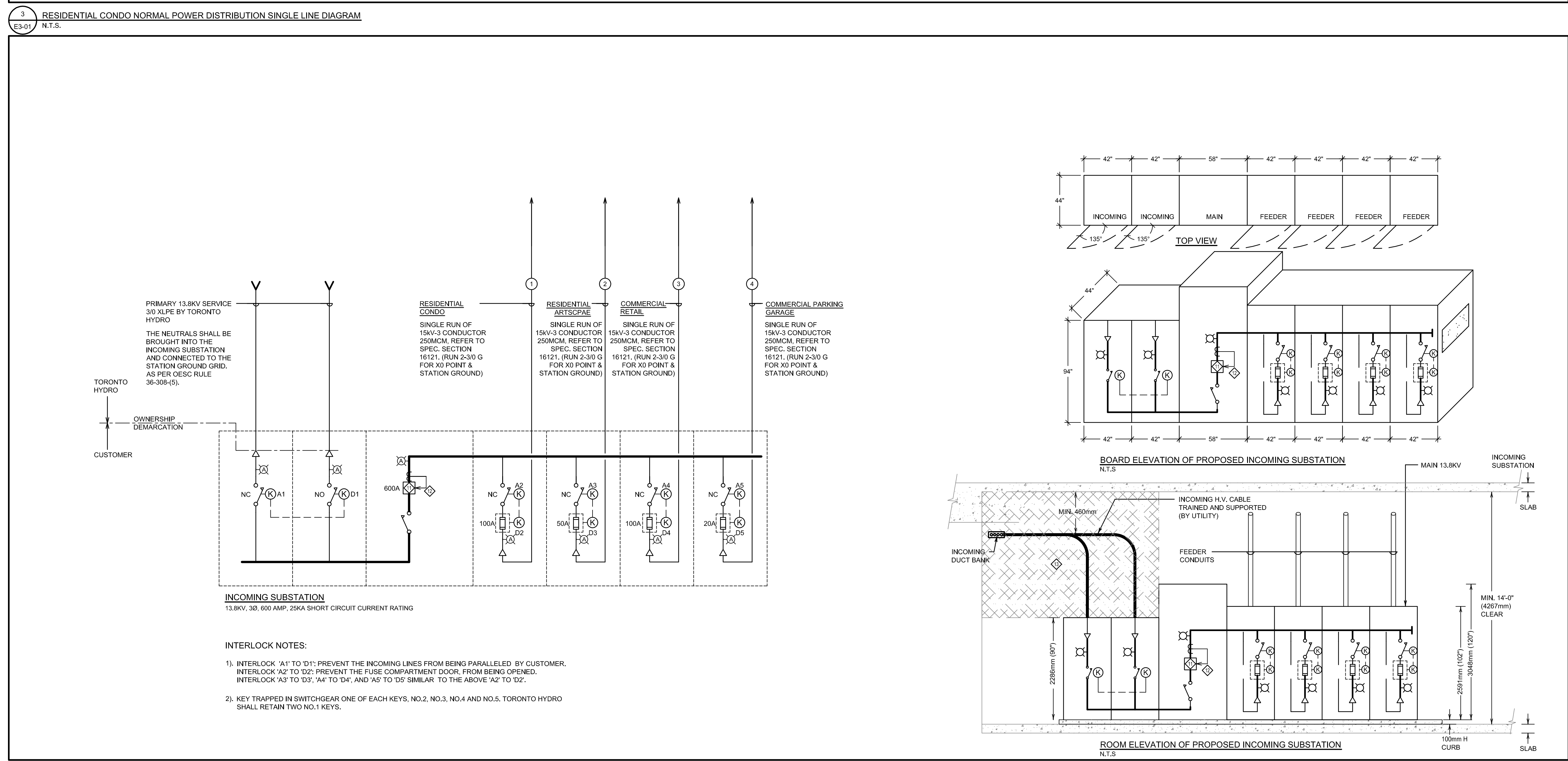
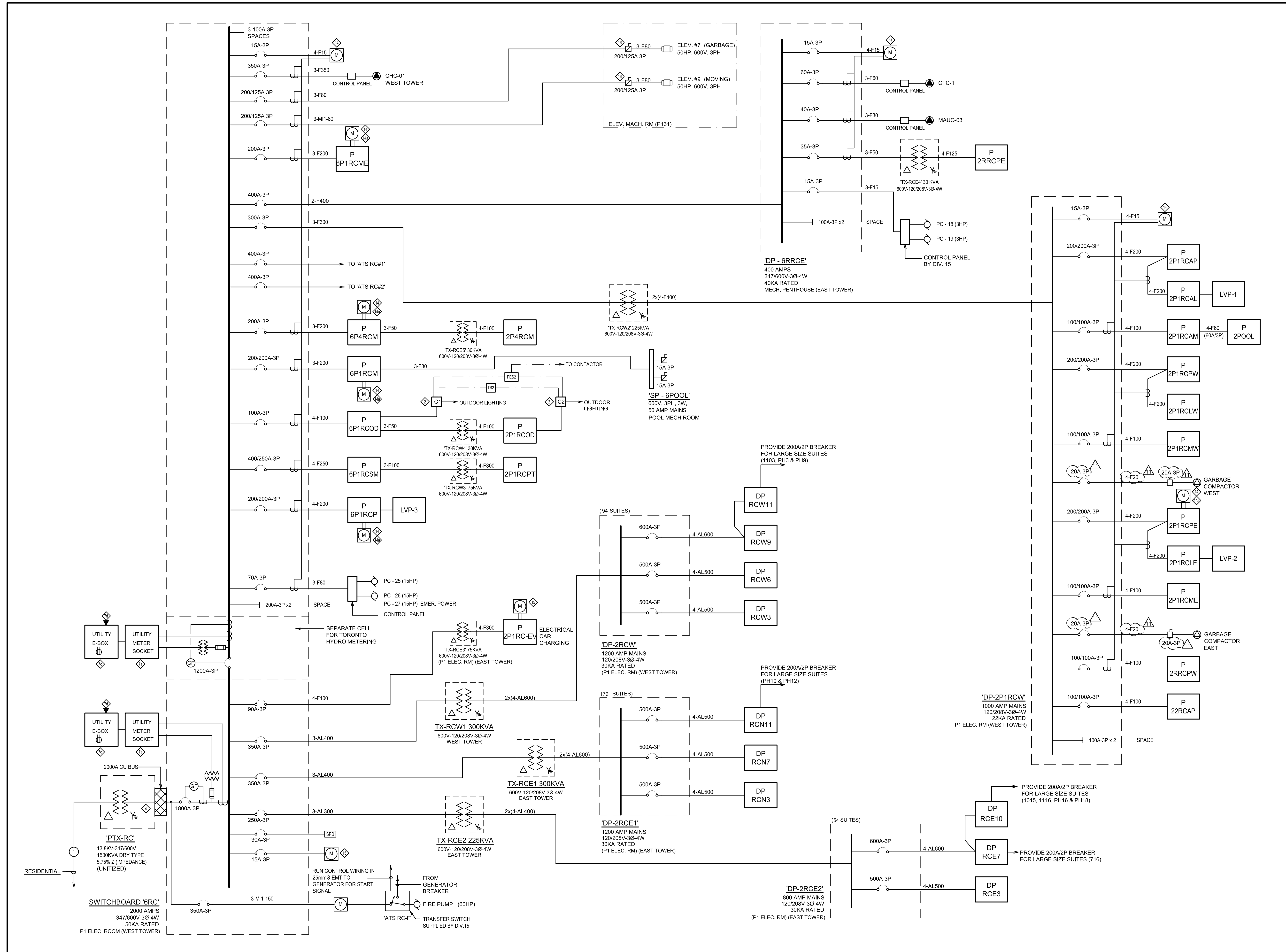
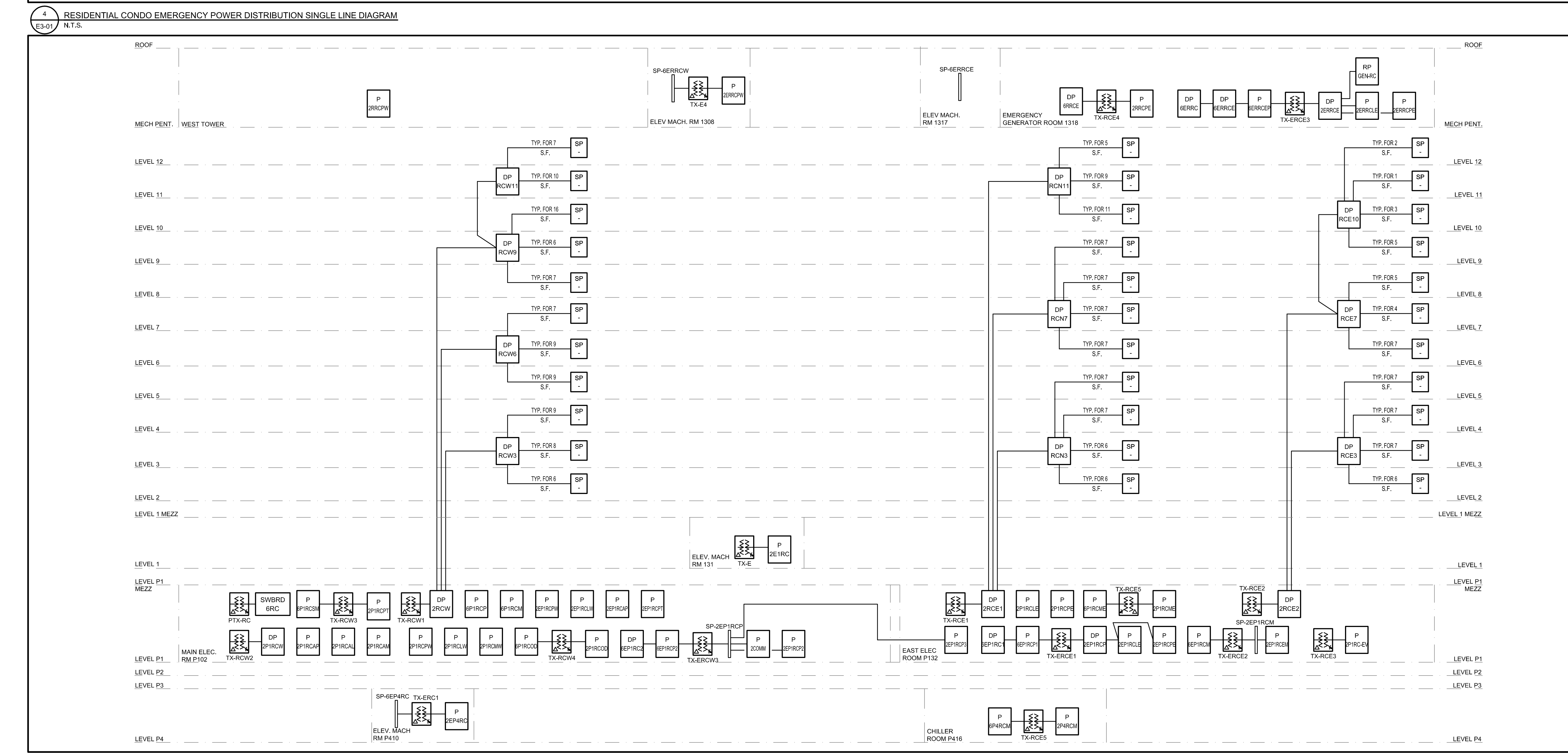
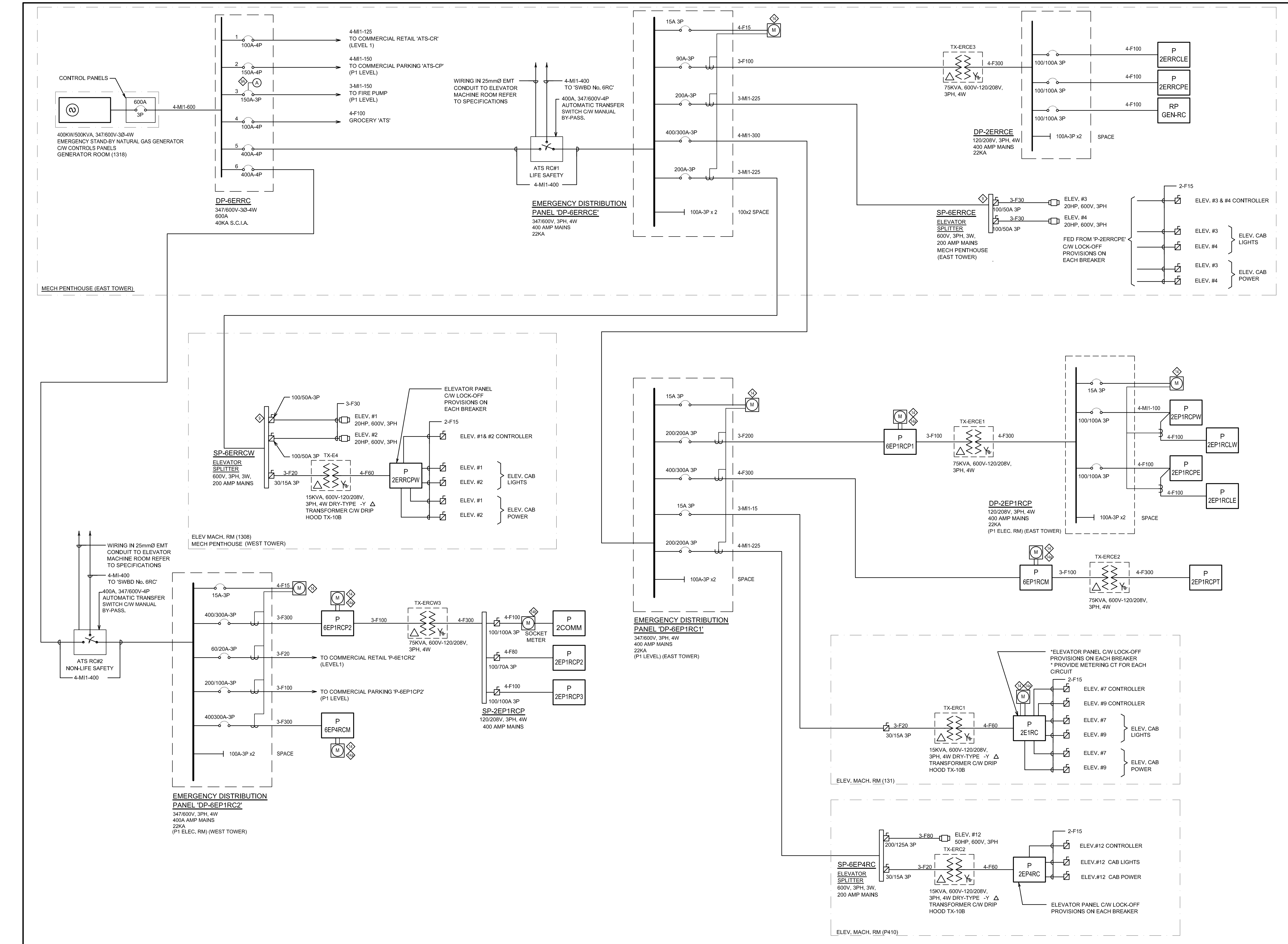
Drawing No.	Drawing Issued	Items
E3-01-RC E3-02-RA	Yes	Revise breaker size and feeder size to garbage compactors as shown.

ME Schedule:

Drawing No.	Drawing Issued	Items
		N/A

Reason for Issue – Design Coordination with Shop Drawing/Owner Request.

End of SI-E020



600V 2 HOUR FIRE RATED M/CABLE SCHEDULE													
PREFIX + NO. OF CONDUCTORS	SINGLE CONDUCTOR				THREE CONDUCTORS				FOUR CONDUCTORS				
	MAX BREAKER SIZE	REF	WIRE SIZE	AMP	MAX BREAKER SIZE	REF	WIRE SIZE	AMP	MAX BREAKER SIZE	REF	WIRE SIZE	AMP	
15	F35	#12	25	35	15	F35	#12	25	35	15	F35	#12	25
20	F35	#10	35	50	20	F35	#10	35	50	20	F35	#10	35
25	F35	#8	50	65	25	F35	#8	50	65	25	F35	#8	50
30	F35	#6	65	80	30	F35	#6	65	80	30	F35	#6	80
35	F35	#4	80	100	35	F35	#4	80	100	35	F35	#4	100
40	F35	#3	100	125	40	F35	#3	100	125	40	F35	#3	125
45	F35	#2	125	150	45	F35	#2	125	150	45	F35	#2	150
50	F35	#1	150	175	50	F35	#1	150	175	50	F35	#1	175
55	F35	#1/2	175	200	55	F35	#1/2	175	200	55	F35	#1/2	200
60	F35	#1/4	200	225	60	F35	#1/4	200	225	60	F35	#1/4	225
65	F35	#3/8	225	250	65	F35	#3/8	225	250	65	F35	#3/8	250
70	F35	#1/8	250	275	70	F35	#1/8	250	275	70	F35	#1/8	275
75	F35	#1/16	275	300	75	F35	#1/16	275	300	75	F35	#1/16	300
80	F35	#1/32	300	325	80	F35	#1/32	300	325	80	F35	#1/32	325
85	F35	#1/64	325	350	85	F35	#1/64	325	350	85	F35	#1/64	350
90	F35	#1/128	350	375	90	F35	#1/128	350	375	90	F35	#1/128	375
95	F35	#1/256	375	400	95	F35	#1/256	375	400	95	F35	#1/256	400
100	F35	#1/512	400	425	100	F35	#1/512	400	425	100	F35	#1/512	425
105	F35	#1/1024	425	450	105	F35	#1/1024	425	450	105	F35	#1/1024	450
110	F35	#1/2048	450	475	110	F35	#1/2048	450	475	110	F35	#1/2048	475
115	F35	#1/4096	475	500	115	F35	#1/4096	475	500	115	F35	#1/4096	500
120	F35	#1/8192	500	525	120	F35	#1/8192	500	525	120	F35	#1/8192	525
125	F35	#1/16384	525	550	125	F35	#1/16384	525	550	125	F35	#1/16384	550
130	F35	#1/32768	550	575	130	F35	#1/32768	550	575	130	F35	#1/32768	575
135	F35	#1/65536	575	600	135	F35	#1/65536	575	600	135	F35	#1/65536	600
140	F35	#1/131072	600	625	140	F35	#1/131072	600	625	140	F35	#1/131072	625
145	F35	#1/262144	625	650	145	F35	#1/262144	625	650	145	F35	#1/262144	650
150	F35	#1/524288	650	675	150	F35	#1/524288	650	675	150	F35	#1/524288	675
155	F35	#1/1048576	675	700	155	F35	#1/1048576	675	700	155	F35	#1/1048576	700
160	F35	#1/2097152	700	725	160	F35	#1/2097152	700	725	160	F35	#1/2097152	725
165	F35	#1/4194304	725	750	165	F35	#1/4194304	725	750	165	F35	#1/4194304	750
170	F35	#1/8388608	750	775	170	F35	#1/8388608	750	775	170	F35	#1/8388608	775
175	F35	#1/16777216	775	800	175	F35	#1/16777216	775	800	175	F35	#1/16777216	800
180	F35	#1/33554432	800	825	180	F35	#1/33554432	800	825	180	F35	#1/33554432	825
185	F35	#1/67108864	825	850	185	F35	#1/67108864	825	850	185	F35	#1/67108864	850
190	F35	#1/134217728	850	875	190	F35	#1/134217728	850	875	190	F35	#1/134217728	875
195	F35	#1/268435456	875	900	195	F35	#1/268435456	875	900	195	F35	#1/268435456	900
200	F35	#1/536870912	900	925	200	F35	#1/536870912	900	925	200	F35	#1/536870912	925
205	F35	#1/1073741824	925	950	205	F35	#1/1073741824	925	950	205	F35	#1/1073741824	950
210	F35	#1/2147483648	950	975	210	F35	#1/2147483648	950	975	210	F35	#1/2147483648	975
215	F35	#1/4294967296	975	1000	215	F35	#1/4294967296	975	1000	215	F35	#1/4294967296	1000
220	F35	#1/8589934592	1000	1025	220	F35	#1/8589934592	1000	1025	220	F35	#1/8589934592	1025
225	F35	#1/17179869184	1025	1050	225	F35	#1/17179869184	1025	1050	225	F35	#1/17179869184	1050
230	F35	#1/34359738368	1050	1075	230	F35	#1/34359738368	1050	1075	230	F35	#1/34359738368	1075
235	F35	#1/68719476736	1075	1100	235	F35	#1/68719476736	1075	1100	235	F35	#1/68719476736	1100
240	F35	#1/137438953472	1100	1125	240	F35	#1/137438953472	1100	1125	240	F35	#1/137438953472	1125
245	F35	#1/274877906944	1125	1150	245	F35	#1/274877906944	1125	1150	245	F35	#1/274877906944	1150
250	F35	#1/549755813888	1150	1175	250	F35	#1/549755813888	1150	1175	250	F35	#1/549755813888	1175
255	F35	#1/1099511627776	1175	1200	255	F35	#1/1099511627776	1175	1200	255	F35	#1/1099511627776	1200
260	F35	#1/2199023255552	1200	1225	260	F35	#1/2199023255552	1200	1225	260	F35	#1/2199023255552	1225
265	F35	#1/4398046511104	1225	1250	265	F35	#1/4398046511104	1225	1250	265	F35	#1/4398046511104	1250
270	F35	#1/8796093022208	1250	1275	270	F35	#1/8796093022208	1250	1275	270	F35	#1/8796093022208	1275
275	F35	#1/17592186444416	1275	1300	275	F35	#1/17592186444416	1275	1300	275	F35	#1/17592186444416	1300
280	F35	#1/35184372888832	1300	1325	280	F35	#1/35184372888832	1300	1325	280	F35	#1/35184372888832	1325
285	F35	#1/70368745777664	1325	1350	285	F35	#1/70368745777664	1325	1350	285	F35	#1/70368745777664	1350
290	F35	#1/14073749155328	1350	1375	290	F35	#1/14073749155328	1350	1375	290	F35	#1/14073749155328	1375
295	F35	#1/28147498310656	1375	1400	295	F35	#1/28147498310656	1375	1400	295	F35	#1/28147498310656	1400
300	F35	#1/56294996621312	1400	1425	300	F35	#1/56294996621312	1400	1425	300	F35	#1/56294996621312	1425
305	F35	#1/112589993242624	1425	1450	305	F35	#1/112589993242624	1425	1450	305	F35	#1/112589993242624	1450
310	F35	#1/225179986485248	1450	1475	310	F35	#1/225179986485248	1450	1475	310	F35	#1/225179986485248	1475
315	F35	#1/450359972970496	1475	1500	315	F35	#1/450359972970496	1475	1500	315	F35	#1/450359972970496	1500
320	F35	#1/900719945940992	1500	1525	320	F35	#1/900719945940992	1500	1525	320	F35	#1/900719945940992	1525
325	F35	#1/1801439891881984	1525	1550	325	F35	#1/1801439891881984	1525	1550	325	F35	#1/1801439891881984	1550
330	F35	#1/3602879783763968	1550	1575	330	F35	#1/3602879783763968	1550	1575	330	F35	#1/3602879783763968	1575
335	F35	#1/7205759567527936	1575	1600	335	F35	#1/7205759567527936	1575	1600	335	F35	#1/7205759567527936	1600
340	F35	#1/14411519135054872	1600	1625	340	F35	#1/14411519135054872	1600	1625	340	F35	#1/14411519135054872	1625
345	F35	#1/28823038270109744	1625	1650	345	F35	#1/28823038270109744	1625	1650	345	F35	#1/28823038270109744	1650
350	F35	#1/57646076540219488	1650	1675	350	F35	#1/57646076540219488	1650	1675	350	F35	#1/57646076540219488	1675
355	F35	#1/11529215308043896	1675	1700	355	F35	#1/11529215308043896	1675	1700	355	F35	#1/11529215308043896	1700
360	F35	#1/23058430616087792	1700	1725	360	F35	#1/23058430616087792	1700	1725	360	F35	#1/23058430616087792	1725
365	F35	#1/46116861232175584	1725	1750	365	F35	#1/46116861232175584	1725	1750	365	F35	#1/46116861232175584	1750
370	F35	#1/92233722464351168	1750	1775	370	F35	#1/92233722464351168	1750	1775	370	F35	#1/92233722464351168	1775
375	F35	#1/184467448928702336	1775	1800	375	F35	#1/184467448928702336	1775	1800	375	F35	#1/184467448928702336	1800
380	F35	#1/368934897857404672	1800	1825	380	F35	#1/368934897857404672	1800	1825	380	F35	#1/368934897857404672	1825
385	F35	#1/737869795714809344	1825	1850	385	F35	#1/737869795714809344	1825	1850	385	F35	#1/737869795714809344	1850
390	F35	#1/1475739591429618688	1850	1875	390	F35	#1/1475739591429618688	1850	1875	390	F35	#1/1475739591429618688	1875
395	F35	#1/2951479182859237376	1875	1900	395	F35	#1/2951479182859237376	1875	1900	395	F35	#1/2951479182859237376	1900
400	F35	#1/5902958365718474752	1900	1925	400	F35	#1/5902958365718474752	1900	1925	400	F35	#1/5902958365718474752	1925
405	F35	#1/11805916731436949504	1925	1950	405	F35	#1/11805916731436949504	1925	1950	405	F35	#1/11805916731436949504	1950
410	F35	#1/23611833462873899008	1950	1975	410	F35	#1/23611833462873899008	1950	1975	410	F35	#1/23611833462873899008	1975
415	F35	#1/47223666925747798016	1975	2000	415	F35	#1/47223666925747798016	1975	2000	415	F35	#1/47223666925747798016	2000
420	F35	#1/94447333851495596032	2000	2025	420	F35	#1/94447333851495596032	2000	2025	420	F35	#1/94447333851495596032	2025
425	F35	#1/188894667702991192064	2025	2050	425	F35	#1/188894667702991192064	2025	2050	425	F35	#1/188894667702991192064	2050
430	F35	#1/377789335405982384128	2050	2075	430	F35	#1/377789335405982384128	2050	2075	430	F35	#1/377789335405982384128	2075
435	F35	#1/755578670811964768256											

