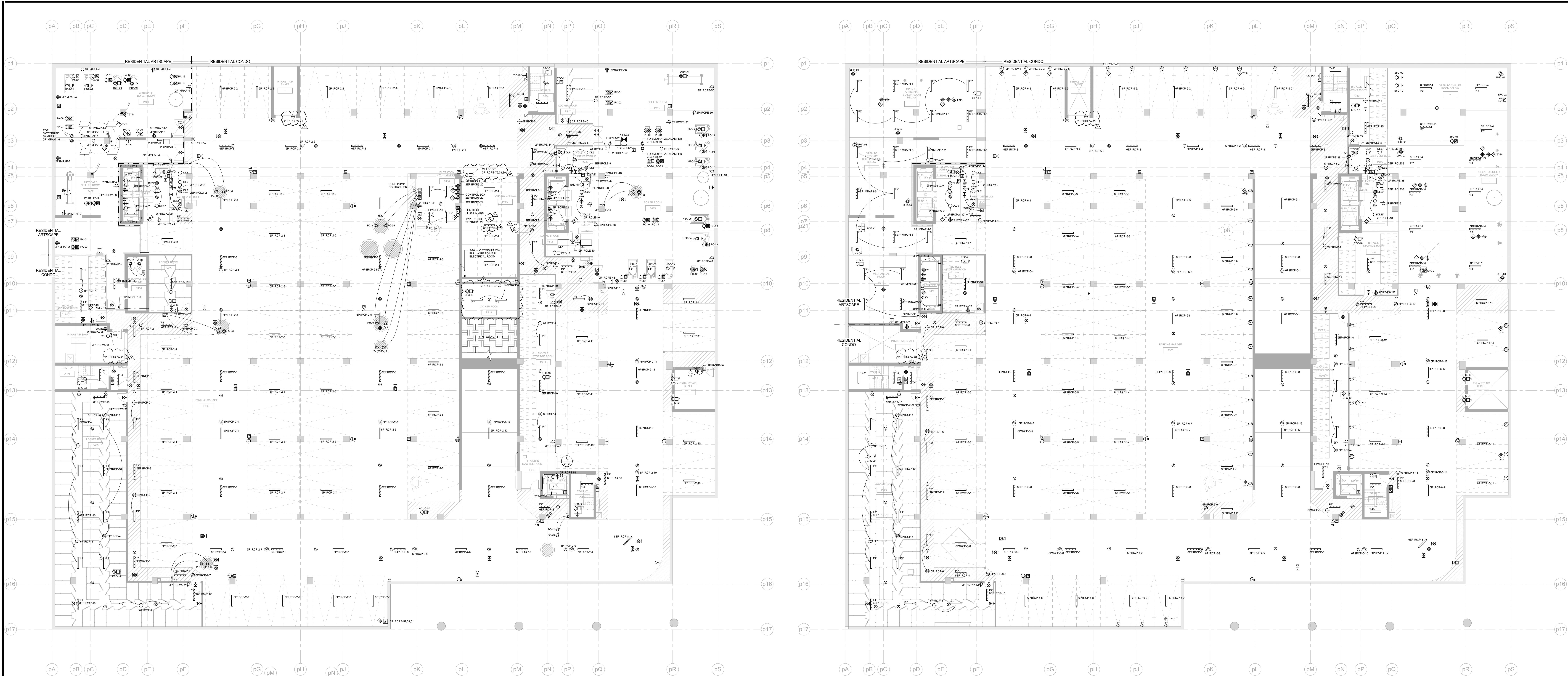




1 LEVEL P4 - ELECTRICAL
1:100

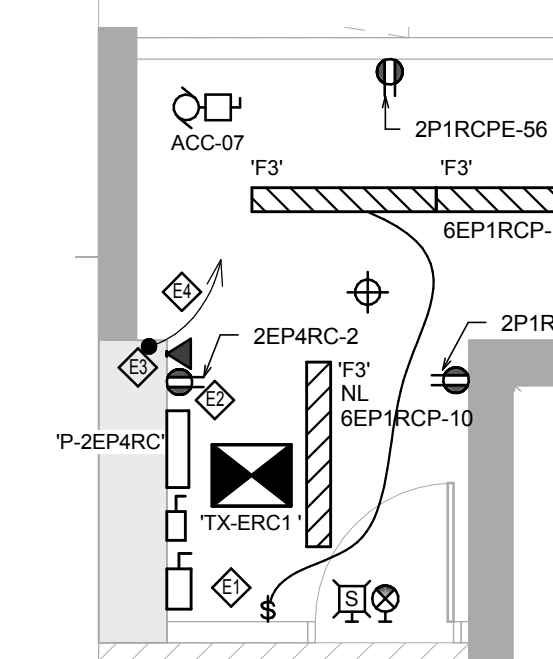
2 LEVEL P3 - ELECTRICAL
1:100

ELEVATOR MACHINE ROOM NOTES:
1. PROVIDE DISCONNECT SWITCHES FOR ELEVATOR MOTOR, C/W AUXILIARY CONTACT WITH WIRING TO THE CONTROLLER. REFER TO SINGLE DIAGRAM FOR REEER SIZE. FUSE TO BE PROVIDED AT THE ELEVATOR SHOP.
2. PROVIDE MINIMUM 40 AMP WIRING FOR ALL LIGHT FIXTURES IN STAIRS AND IN CORRIDORS.
3. REDUCATE OF RECEPTACLE NEXT TO CONTROL CABINET. COORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR ON SITE.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL EMPTY CONDUIT C/W PULL WIRE FROM MAIN TELECOMMUNICATION ROOM FOR A SIGNALING TELEPHONE LINE TERMINATING AT THE PRIMARY ELEVATOR SIGNAL CONTROL CABINET FOR EMERGENCY CALL SYSTEM.
5. CONDUIT TO PLYWOOD BACKBOARD FOR SECURITY SERVICE.

NOTES:

- ALL GARAGE LIGHT FIXTURES SHALL BE TYPE "T" UNLESS OTHERWISE NOTED.
- REFER TO RISER FOR STAIRS AND COMMON AREA CIRCUITS. (DWG. E-4.01)
- PROVIDE MINIMUM 40 AMP WIRING FOR ALL LIGHT FIXTURES IN STAIRS AND IN CORRIDORS.
- ALL LIGHTING FIXTURES FED FROM NORMAL POWER WITHIN THE PARKING GARAGE SHALL BE CONTROLLED BY OCCUPANCY SENSORS. ALL LIGHTING FIXTURES FED FROM EMERGENCY POWER WITHIN THIS PARKING GARAGE SHALL BE TYPE "T". REFER TO DWG. E-4.01 FOR CIRCUIT NUMBER.
- ALL EXIT SIGNS ON THIS DRAWING SHALL BE TYPE "T". REFER TO DWG. E-4.01 FOR CIRCUIT NUMBER.
- SWITCHER SYSTEM LOW SWITCH AND SUPERVISORY VALVE. REFER TO MENDOTA INCORPORATED DRAWING FOR QUANTITY AND DESCRIPTION.
- PROVIDE 60mm x 61mm x 3mm (THICK) COPPER GROUND FLUSH PLATES. REFER TO SPECIFICATION FOR DETAILS.
- 30 AWG COPPER GROUND WIRE UP TO GROUND BUS IN MAIN ELECTRICAL ROOM (P1 LEVEL). REFER TO DWG. E-5.01 FOR DETAILS.
- 30 AWG COPPER GROUNDING CONDUIT.
- EMERGENCY X-RAY SWITCHES FOR HEATING COILS. PROVIDE LAMINATED IDENTIFICATION PLATE. LOCATE SWITCHES AT 1000MM AFF. PROVIDE SEE THROUGH TAMPER PROOF TYPE ENCLOSURE WITH LAMINATED IDENTIFICATION MARKING PLATE.

- FOR FUTURE CAR WASH CONTROLLER PROVIDE POWER 120/208V 32 kW POWER CONNECTION. EXACT LOCATION TO BE COORDINATED WITH ARCHITECTURAL DRAWING.
- DEVICE CONNECT TO FIRE ALARM SYSTEM. REFER TO SPECIFICATION FOR DETAILS.
- HEAT DETECTORS SHOWN IN THE MECHANICAL ROOM ARE FOR REFERENCE ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE DETECTORS IN THE MECHANICAL ROOM. CONTRACTOR SHALL INCLUDE THE SUPPLY AND INSTALLATION OF AN ADDITIONAL HEAT DETECTOR. EXACT LOCATIONS OF ADDITIONAL DETECTORS SHALL BE AS DIRECTED ON SITE AFTER COMPLETE INSTALLATION. PROVIDE HEAT TEMPERATURE HEAT DETECTOR IN SOLAR ROOM.
- MOUNTING HEIGHT 1000mm A.F.F. ALL CONDUITS C/W PULL WIRE BACK TO ELECTRICAL CAR CHARGING PANEL AT EAST ELECTRICAL ROOM P103.
- PROVIDE LOCKABLE COVER MOUNTING HEIGHT 1000mm A.F.F.
- POWER RECEPTACLE FOR FILTRATION SYSTEM. EXACT LOCATION TO BE COORDINATED WITH FILTRATION SYSTEM SHOP DRAWING.



3 ELEVATOR MACH. ROOM P410
1:50

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PROFESSIONAL SEAL
D. M. MULLIN
ENGINEER OF ELECTRICAL

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1	ISSUED FOR ADD E-003	2016/02/10
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4	ISSUED FOR CONSTRUCTION	2016/02/10

No.	Revision	Date
1	ISSUED FOR CONSTRUCTION	2016/02/10
2	ISSUED FOR CONSTRUCTION	2016/02/10
3	ISSUED FOR CONSTRUCTION	2016/02/10
4	ISSUED FOR CONSTRUCTION	2016/02/10

4 ISSUED FOR CONSTRUCTION 2016-02-10
3 ISSUED FOR TENDER 2015-10-30
2 BUILDING PERMIT SUBMISSION 2015-06-12
1/11 REVIEW 2015-05-01

NO. 1 ISSUE FOR CONSTRUCTION

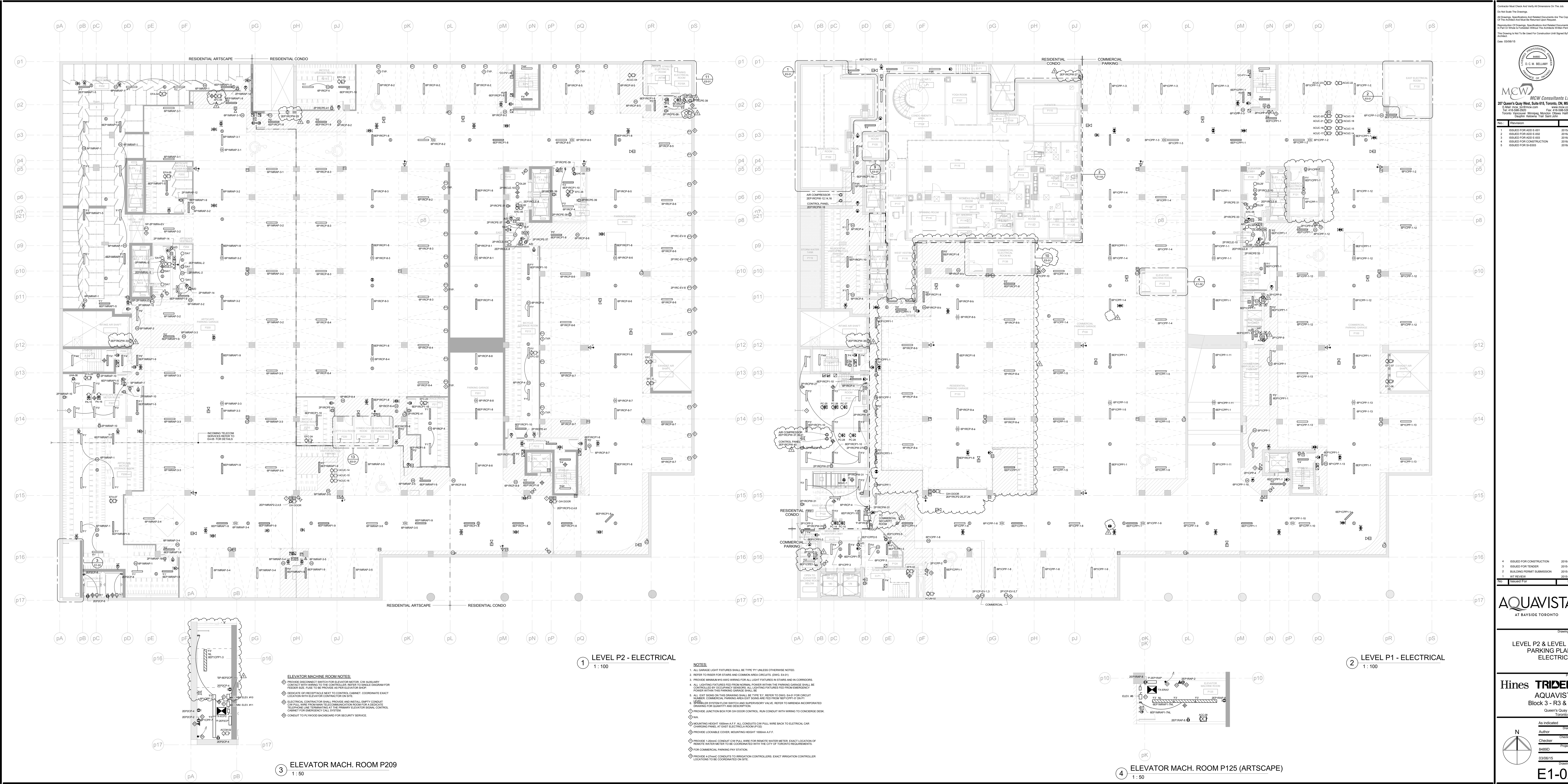
AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
LEVEL P4 & LEVEL P3
PARKING PLAN -
ELECTRICAL

Project
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Queen's Quay East
Toronto, ON
M5J 1A7

As Indicated
Author
Checked By
Checker
84890
08/28/12
Drawing No.
E1-01

N



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Toronto: Vanessa Worsley, Managing Director, Charlene Haffner,
Daphne Kozlowski, Trail Start, John

No.	Revision	Date
1	ISSUED FOR ADD E-001	2016/01/06
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4	ISSUED FOR CONSTRUCTION	2016/04/21
5	ISSUED FOR S-E-003	2016/04/21

4

ISSUED FOR CONSTRUCTION

2016-04-21

3

ISSUED FOR TENDER

2016-01-06

2

BUILDING PERMIT SUBMISSION

2016-01-06

1

W/ REVIEW

2016-01-06

NO

ISSUED FOR

DATE

AQUAVISTA

AT BAYSIDE TORONTO

Drawing No.

**LEVEL P2 & LEVEL P1
PARKING PLAN -
ELECTRICAL**

Project

Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Queen's Quay East
Toronto, ON

As Indicated

Drawn by

Author

Checked by

Checker

8489D

Project No.

03/06/15

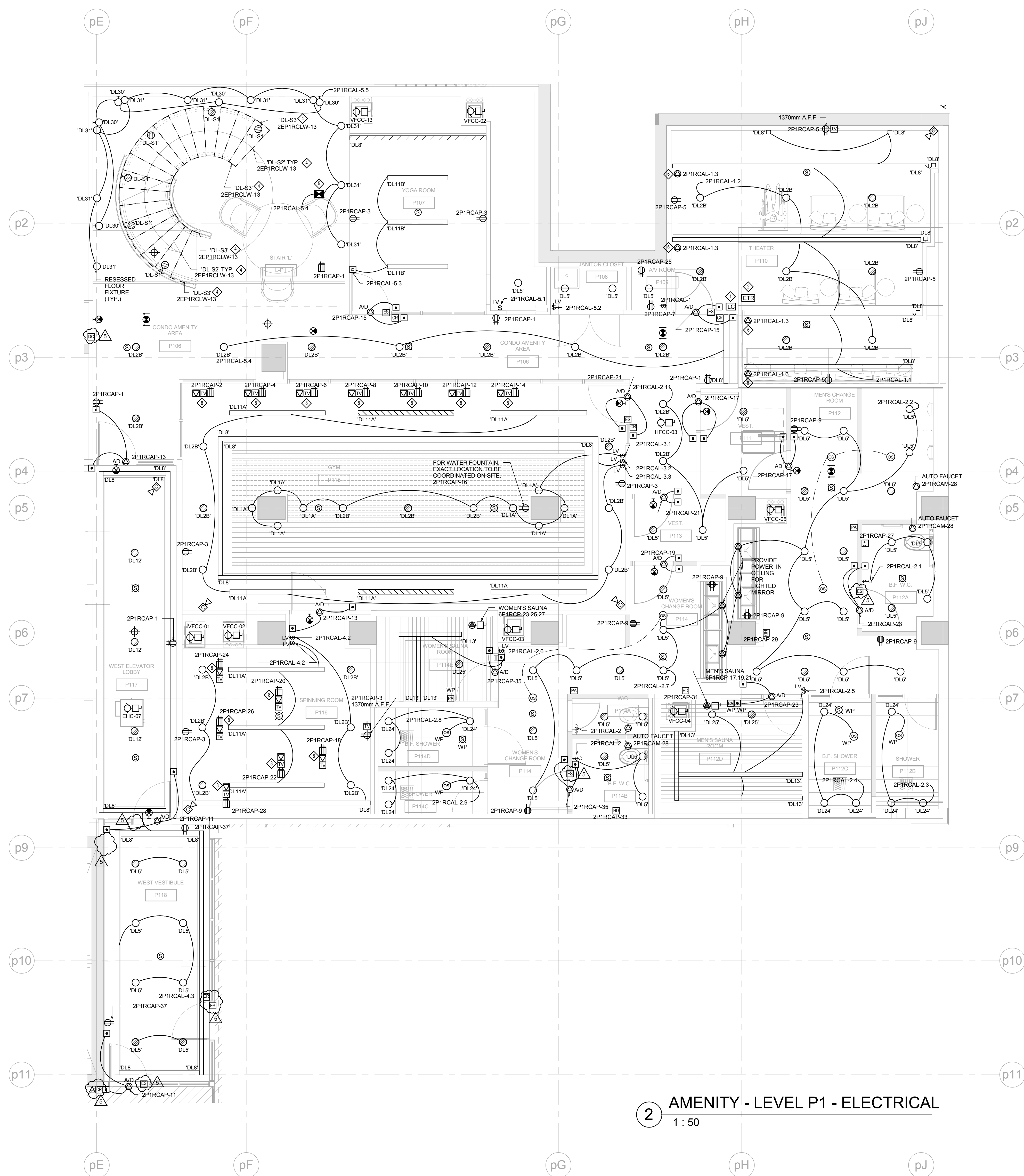
Date

E1-02

Drawing No.



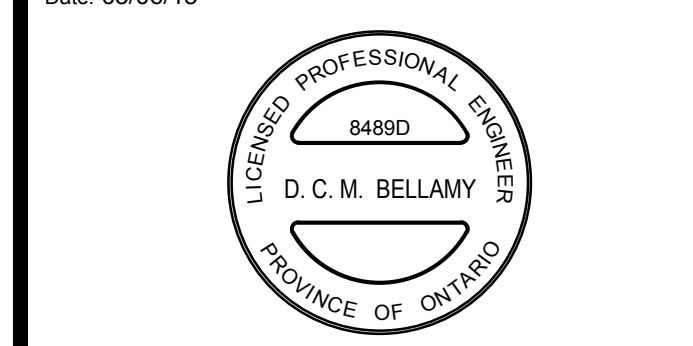
1 LEVEL P1 MEZZANINE - ELECTRICAL
1:100



2 AMENITY - LEVEL P1 - ELECTRICAL
1:50

- NOTES:
- LOCAL LIGHTING CONTROL WITH VACANCY SENSOR - WATTSOFFER OR EQUIVALENT LIGHT-100 SCENE SWITCH WITH DIMMING ROOM CONTROLS OR LIRC-213 TULF, DLF AND RECESSED LIGHT US PLATFORMS SHALL BE DIMMED SEPARATELY.
 - EMERGENCY TRANSFER RELAY TO BE PROVIDED FULL BRIGHTNESS / TURN ON WHEN THE NORMAL POWER FAILS.
 - ALL THE EMERGENCY LIGHTING FIXTURES ARE FED FROM PANEL DEPRICAP-7, UNLESS OTHERWISE NOTED.
 - TYPE TULF-12 LIGHTING FIXTURE IS FOOTLIGHT EMERGENCY 3RD STEP TYPE TULF-12 LIGHTING FIXTURE IS LED LIGHTING AT USE OF STAIR TREADS TYPE TULF-12 LIGHTING FIXTURE IS LED LIGHTING AT USE OF STAIR STRINGER (BOTH SIDES) REFER TO INTERIOR DESIGN DRAWINGS FOR DETAILS.
 - PROVIDE STEP UP TRANSFORMER FOR LIGHTING FIXTURE TULF-12 REFER TO ID DESIGN DRAWING/OUTLINE SHEET FOR VOLTAGE DETAIL.
 - FOR RECESSED LIGHTING AROUND PERIMETER OF PLATFORM REFER TO ID DRAWING FOR MOUNTING DETAIL AND LIGHTING FIXTURE TYPE.
 - PROVIDE POWER CONDUIT AND JUNCTION BOX FOR A COMPLETE POWER DOOR OPERATING SYSTEM.
 - PROVIDE COMBINATION POWERFULLY RECESSED FLOOR BOXES -WELLMARK 410 CAN FLAT, STAINLESS STEEL COVERS.

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1	ISSUED FOR ADD E-001	2016/07/05
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5	ISSUED FOR S-E003	2016/09/20

4	ISSUED FOR CONSTRUCTION	2016-04-21
3	ISSUED FOR TENDER	2015-10-30
2	BUILDING PERMIT SUBMISSION	2015-08-12
1	ISSUED FOR	DATE

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Type

LEVEL P1 MEZZANINE
PARKING PLAN /
AMENITY - LEVEL P1 -
ELECTRICAL

Project

Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Queen's Quay East
Toronto, ON

As Indicated

Author

Checked by

Checker

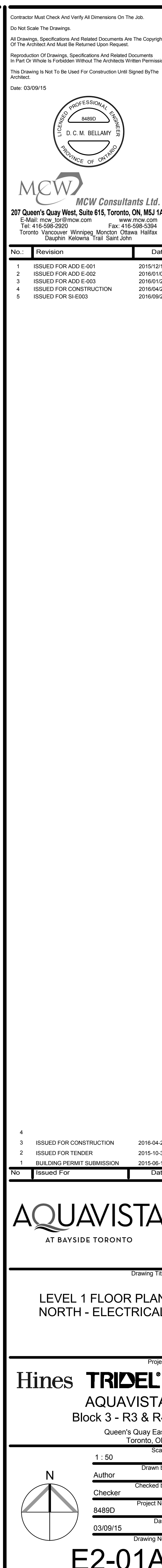
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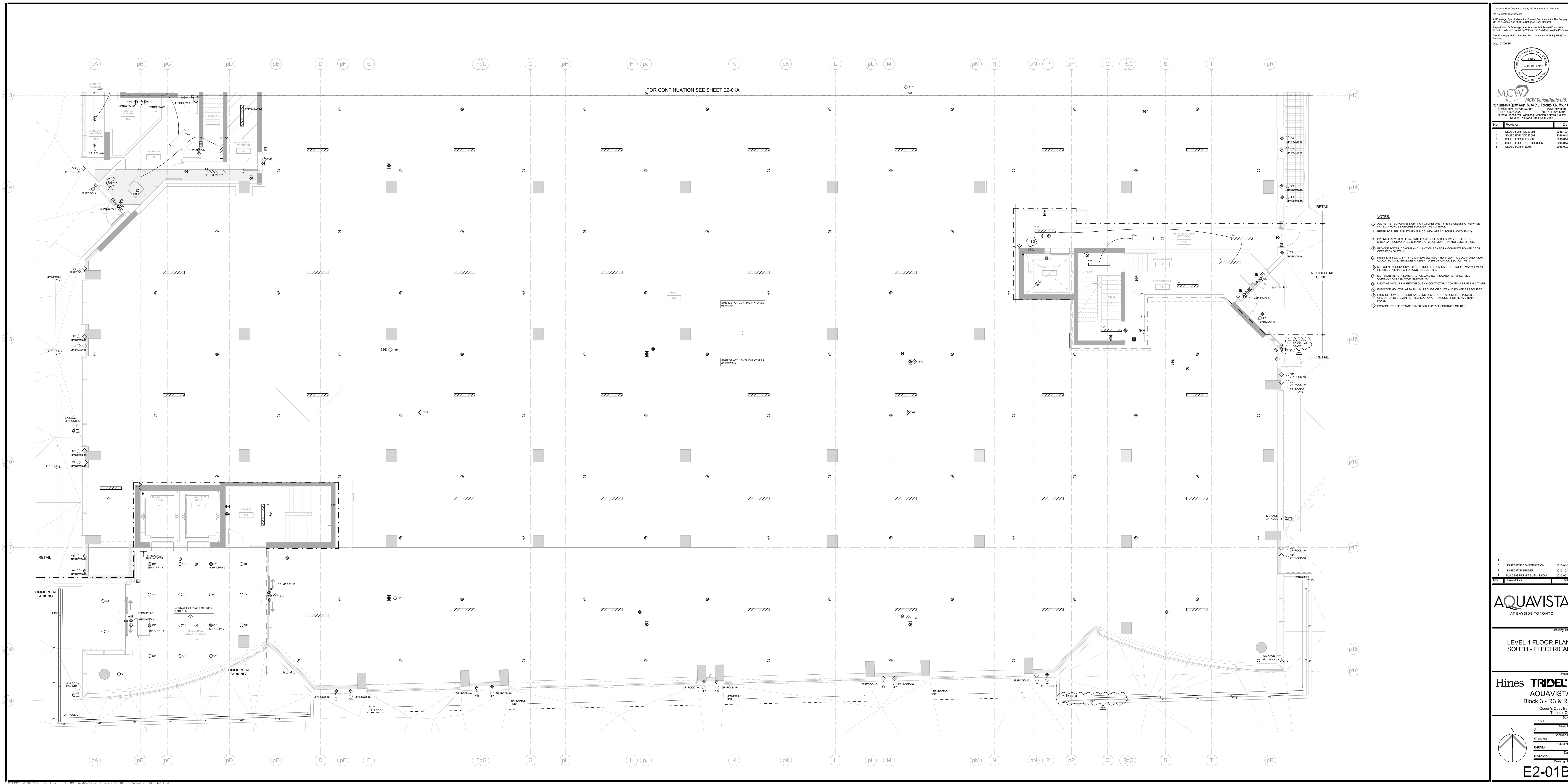
Date

03/06/15

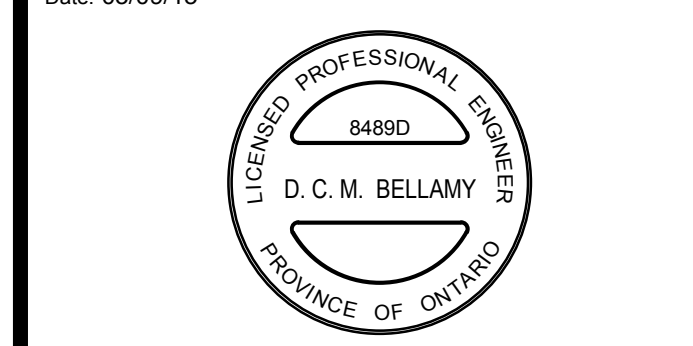
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E1-03





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3	ISSUED FOR ADD E-003	2010/07/06
4	ISSUED FOR CONSTRUCTION	2010/07/06
5	ISSUED FOR SI-E003	2010/09/25

- NOTES:**
- ALL RETAIL TEMPORARY LIGHTING FIXTURES ARE TYPE T2 UNLESS OTHERWISE NOTED. PROVIDE SWITCHES FOR LIGHTING CONTROL.
 - REFER TO RISES FOR STAIRS AND COMMON AREA CIRCUITS. (DWG. E4-01)
 - SPRINKLER SYSTEM FLOW SWITCH AND SUPERVISORY VALVE. REFER TO MREDA INCORPORATED DRAWING T2P2 FOR QUANTITY AND DESCRIPTION.
 - PROVIDE POWER CONDUIT AND JUNCTION BOX FOR A COMPLETE POWER DOOR OPERATION SYSTEM.
 - RUN 1.5mm E.C. & 14mm E.C. FROM ELEVATOR HOISTWAY TO C.A.C.F. AND FROM C.A.C.F. TO CONDENSING COIL. REFER TO SPECIFICATION SECTION 8115.
 - MOTORIZED DOOR/DOORERS CONTROLLED FROM CACF FOR SMOKE MANAGEMENT. REFER RETAIL SEAS FOR CONTROL DETAILS.
 - EXIT SIGNS IN RETAIL AREA, RETAIL LOADING AREA AND RETAIL SERVICE CORRIDOR ARE FED FROM NETWORK 2.
 - LIGHTING SHALL BE WIRED THROUGH A CONTACTOR & CONTROLLER USING A TIMER.
 - ELEVATOR MONITORING BY D.V. 14. PROVIDE CIRCUITS AND POWER AS REQUIRED.
 - PROVIDE POWER CONDUIT AND JUNCTION BOX FOR A COMPLETE POWER DOOR OPERATION SYSTEM IN RETAIL AREA. POWER TO COME FROM RETAIL TENANT PANEL.
 - PROVIDE STEP UP TRANSFORMER FOR TYPE T2 LIGHTING FIXTURES.

4	ISSUED FOR CONSTRUCTION	2016-04-21
3	ISSUED FOR TENDER	2015-10-30
2	BUILDING PERMIT SUBMISSION	2015-08-12
1	ISSUED FOR	

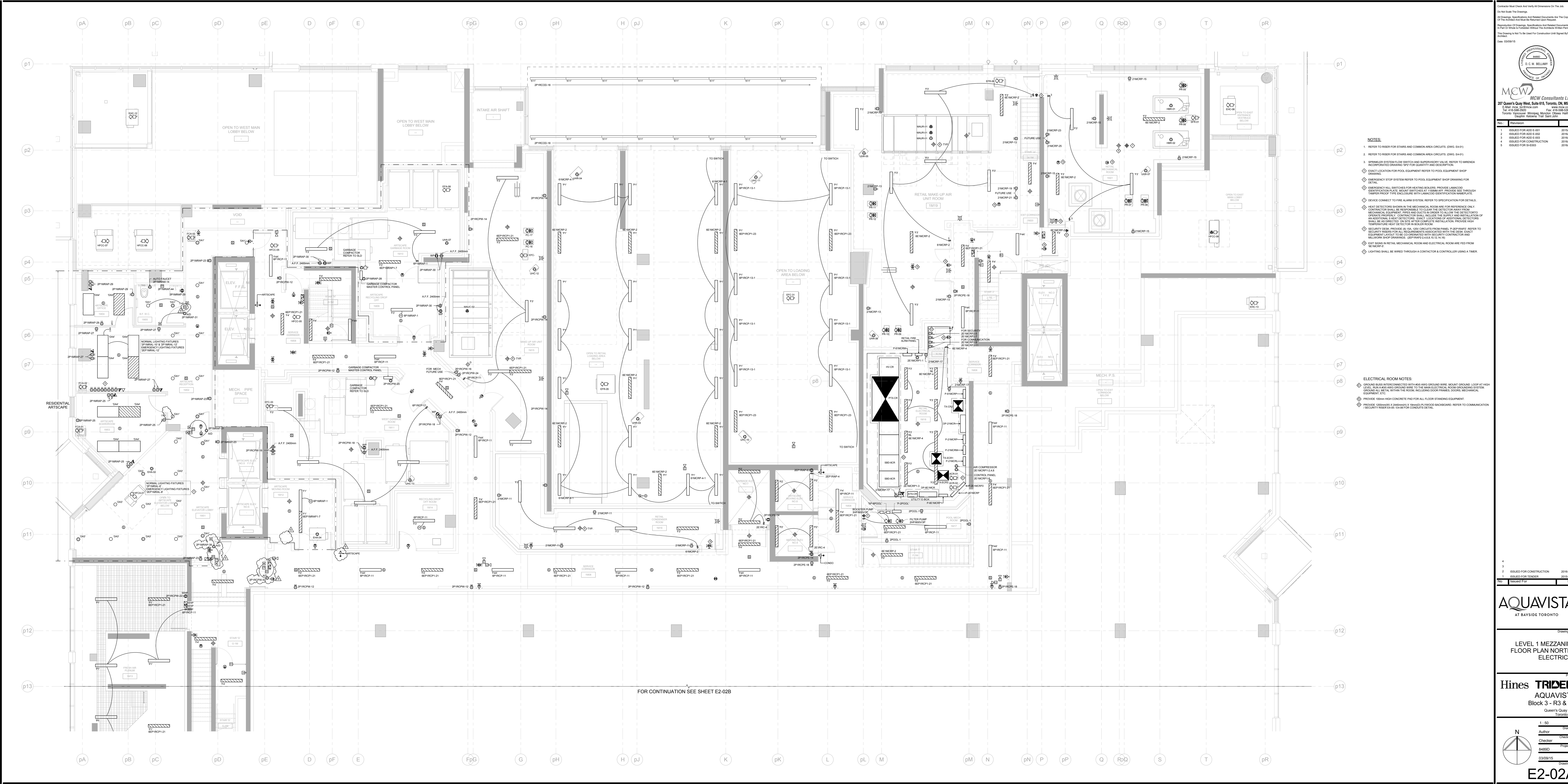
AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title:
**LEVEL 1 FLOOR PLAN
SOUTH - ELECTRICAL**

Project:
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Queen's Quay East
Toronto, ON

Scale:
1:50
Author: [Name]
Checked by: [Name]
Checker: [Name]
Project No.: 84890
Date: 03/09/15
Drawing No.:

E2-01B



- NOTES:**
1. REFER TO RISER FOR STAIRS AND COMMON AREA CIRCUITS. (DWG. E4-01)
 2. REFER TO RISER FOR STAIRS AND COMMON AREA CIRCUITS. (DWG. E4-01)
 3. SPINNER SYSTEM FLOW SWITCH AND SUPERHEAT VALVE REFER TO MENDOTA INCORPORATED DRAWING 'SP' FOR QUANTITY AND DESCRIPTION.
 4. EXACT LOCATION FOR POOL EQUIPMENT REFER TO POOL EQUIPMENT SHOP DRAWING.
 5. EMERGENCY STOP SYSTEM REFER TO POOL EQUIPMENT SHOP DRAWING FOR DETAIL.
 6. EMERGENCY KILL SWITCHES FOR HEATING BOILERS PROVIDE LAMACOD IDENTIFICATION PLATE, MOUNT SWITCHES AT 1500MM AFF. PROVIDE SEE THROUGH TAMPER PROOF TYPE ENCLOSURE WITH LAMACOD IDENTIFICATION IMMEDIATE.
 7. DEVICE CONNECT TO FIRE ALARM SYSTEM. REFER TO SPECIFICATION FOR DETAILS.
 8. HEAT DETECTORS SHOWN IN THE MECHANICAL ROOM ARE FOR REFERENCE ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO CLEAR THE DETECTOR AREA FROM MECHANICAL EQUIPMENT. PRESS AND DUCTS IN ORDER TO ALLOW THE DETECTOR TO OPERATE PROPERLY. CONTRACTOR SHALL INCLUDE THE SUPPLY AND INSTALLATION OF AN ADDITIONAL 150MM DIA DETECTOR. EXACT LOCATION OF ADDITIONAL DETECTORS SHALL BE AS DIRECTED ON SITE AFTER COMPLETE INSTALLATION. PROVIDE HIGH TEMPORARY HEAT DETECTOR IN SOLID ROOF.
 9. SECURITY DESK, PROVIDE IN 15A, 120V CIRCUITS FROM PANEL 2-21MCRP-2. REFER TO SECURITY DESK FOR ALL REQUIREMENTS ASSOCIATED WITH THE DESK. EXACT EQUIPMENT LAYOUT TO BE CO-ORDINATED WITH SECURITY CONTRACTOR AND MAINTENANCE SHOP DRAWINGS. (21MCRP-2 & E4-01 & E4-02 & E4-03 & E4-04 & E4-05 & E4-06 & E4-07 & E4-08 & E4-09 & E4-10 & E4-11 & E4-12 & E4-13 & E4-14 & E4-15 & E4-16 & E4-17 & E4-18 & E4-19 & E4-20 & E4-21 & E4-22 & E4-23 & E4-24 & E4-25 & E4-26 & E4-27 & E4-28 & E4-29 & E4-30 & E4-31 & E4-32 & E4-33 & E4-34 & E4-35 & E4-36 & E4-37 & E4-38 & E4-39 & E4-40 & E4-41 & E4-42 & E4-43 & E4-44 & E4-45 & E4-46 & E4-47 & E4-48 & E4-49 & E4-50 & E4-51 & E4-52 & E4-53 & E4-54 & E4-55 & E4-56 & E4-57 & E4-58 & E4-59 & E4-60 & E4-61 & E4-62 & E4-63 & E4-64 & E4-65 & E4-66 & E4-67 & E4-68 & E4-69 & E4-70 & E4-71 & E4-72 & E4-73 & E4-74 & E4-75 & E4-76 & E4-77 & E4-78 & E4-79 & E4-80 & E4-81 & E4-82 & E4-83 & E4-84 & E4-85 & E4-86 & E4-87 & E4-88 & E4-89 & E4-90 & E4-91 & E4-92 & E4-93 & E4-94 & E4-95 & E4-96 & E4-97 & E4-98 & E4-99 & E4-100).
 10. EXIST SIGNS IN RETAIL MECHANICAL ROOM AND ELECTRICAL ROOM ARE FED FROM 21MCRP-1.
 11. LIGHTING SHALL BE WIRED THROUGH A CONTACTOR & CONTROLLER USING A TIMER.

- ELECTRICAL ROOM NOTES:**
- 1. GROUND BARS INTERCONNECTED WITH BUS AND WIRE MOUNT GROUND LOOP AT HIGH LEVEL. RUN A 400 AMP GROUND WIRE TO THE MAIN ELECTRICAL ROOM GROUNDING SYSTEM. POSITIONAL LAYOUT WITHIN THE ROOM INCLUDING DOOR FRAMES, DOORS, MECHANICAL EQUIPMENT, ETC.
 - 2. PROVIDE 150mm HIGH CONCRETE PAD FOR ALL FLOOR STANDING EQUIPMENT.
 - 3. PROVIDE 1200mm (H) X 2400mm (W) (15mm) PLYWOOD BACKBOARD. REFER TO COMMUNICATION / SECURITY RISER E4-01, E4-02, E4-03 FOR CONDUITS DETAIL.

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Toronto Vancouver Winnipeg Montreal Ottawa Halifax

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4	ISSUED FOR CONSTRUCTION	2016/04/21
5	ISSUED FOR SI-E003	2016/09/25

4

3

2

1

ISSUED FOR CONSTRUCTION

ISSUED FOR TENDER

ISSUED FOR

2016-04-21

2015-10-26

DATE

AQUAVISTA

AT BAYSIDE TORONTO

Drawing Title

LEVEL 1 MEZZANINE

FLOOR PLAN NORTH -

ELECTRICAL

Project

Hines TRIDEL

AQUAVISTA

Block 3 - R3 & R4

Queen's Quay East

Toronto, ON

1:50

Author

Checked by

84890

03/09/15

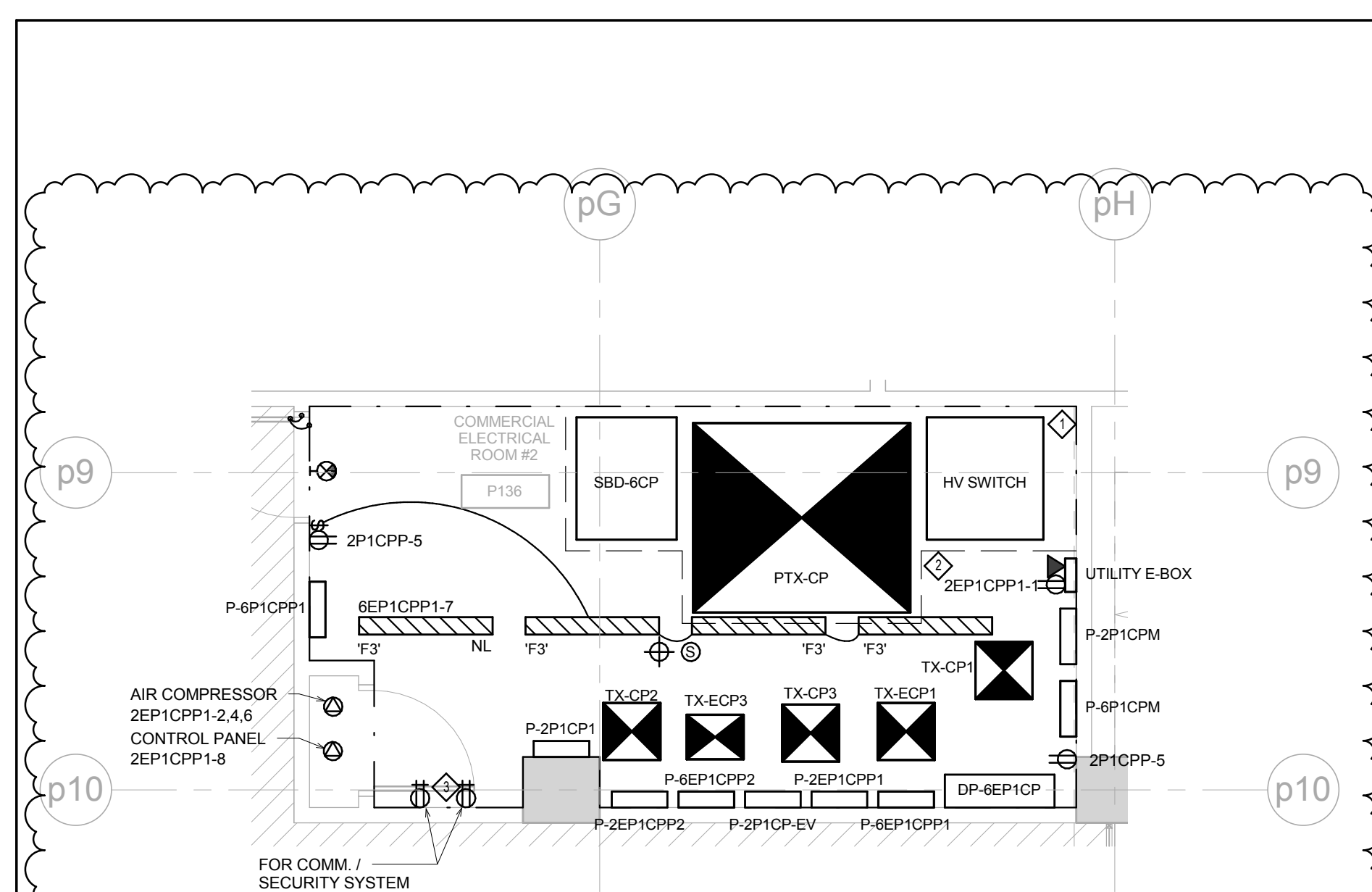
Project No.

Date

Drawing No.

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E2-02A



◆ 20mm PLYWOOD BACKBOARD 2400mm HIGH ALL ROUND ROOM.

◆ 1/400 IN 50mm PVC TIED TO MAIN GROUNDING BAR IN MAIN ELECTRICAL ROOM.

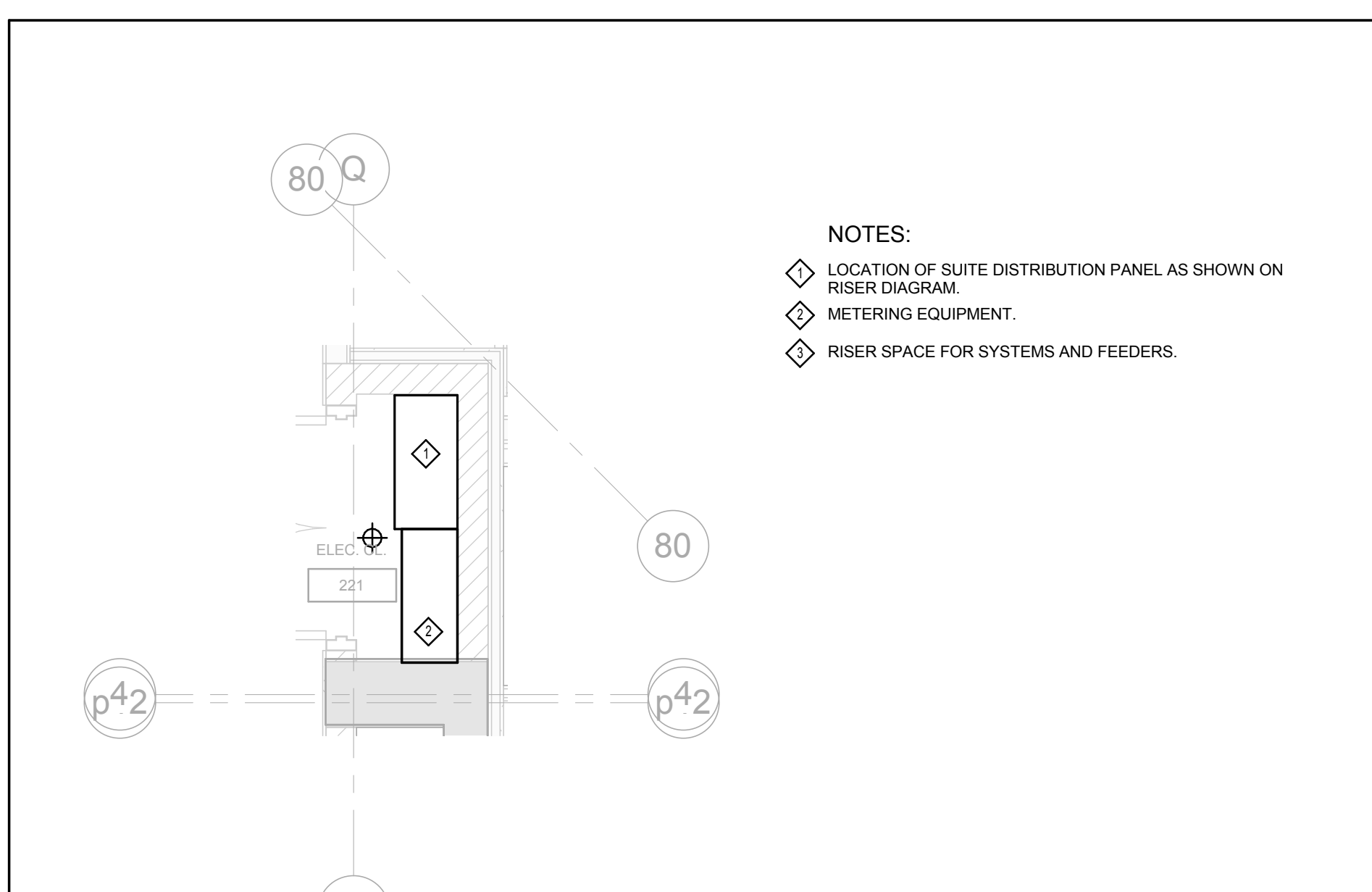
◆ RUN ONE (1) 20mm² CONDUIT TO EACH OF THE FOLLOWING LOCATIONS:

- GAS METER
- WATER METER
- HYDRO METER (INCOMING)
- CACF ROOM FOR DVC LINES
- CACF FOR ELEVATOR PHONES
- SECURITY ROOM

OWNER TO ARRANGE WITH APPROPRIATE UTILITY FOR DEDICATED PHONE LINES

⚠ GROUND BUSS INTERCONNECTED WITH #10 AWG GROUND WIRE. MOUNT GROUND LOOP AND RUN A #10 AWG GROUND WIRE TO THE MAIN ELECTRICAL ROOM GROUNDING SYSTEM. GND WITHIN THE ROOM, INCLUDING DOOR FRAMES, DOORS, MECHANICAL EQUIPMENT, ETC.

- ◆ GROUND BUS INTERCONNECTED WITH #30 AWG GROUND WIRE. MOUNT GROUND LOOP AT HIGH LEVEL. RUN A #30 AWG GROUND WIRE TO THE MAIN ELECTRICAL ROOM GROUNDING SYSTEM. GROUND ALL METAL WITHIN THE ROOM, INCLUDING DOOR FRAMES, DOORS, MECHANICAL EQUIPMENT, ETC.
- ◆ PROVIDE 100mm HIGH CONCRETE PAD FOR ALL FLOOR STANDING EQUIPMENT.
- ◆ PROVIDE 1200mm(W) X 2440mm(H) X 19mm(D) PLYWOOD BACKBOARD. REFER TO COMMUNICATION / SECURITY RISER E4-05 / E4-06 FOR CONNECTIONS DETAIL.



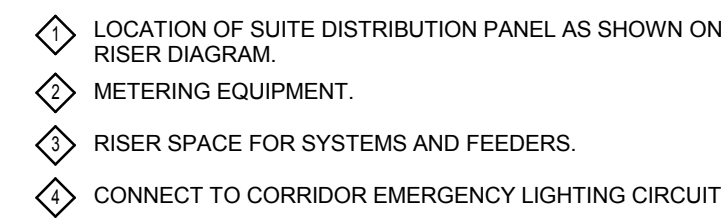
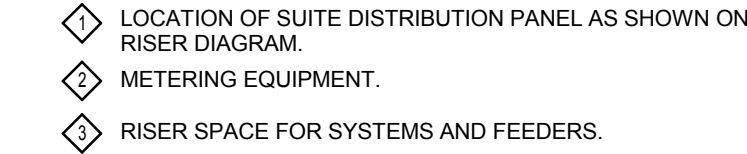
9 1 : 50

20mm PLYWOOD BACKBOARD 2400mm HIGH ALL ROUND ROOM.
1.5/3.0 IN 60mm Pvc TIED TO MAIN GROUNDING BAR IN MAIN ELECTRICAL ROOM.

- 1 LOCATION OF SUITE DISTRIBUTION PANEL AS SHOWN ON RISER DIAGRAM.
- 2 METERING EQUIPMENT.
- 3 RISER SPACE FOR SYSTEMS AND FEEDERS.



- ◆ GROUND BUSS INTERCONNECTED WITH #10 AWG GROUND WIRE. MOUNT GROUND LOOP AT HIGH LEVEL. RUN A #10 AWG GROUND WIRE TO THE MAIN ELECTRICAL ROOM GROUNDING SYSTEM. GROUND ALL METAL WITHIN THE ROOM, INCLUDING DOOR FRAMES, DOORS, MECHANICAL EQUIPMENT, ETC.
- ◆ PROVIDE 100mm HIGH CONCRETE PAD FOR ALL FLOOR STANDING EQUIPMENT.



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1	ISSUED FOR ADD E-002	2016/01/01
2	ISSUED FOR ADD E-003	2016/01/01
3	ISSUED FOR SI-E001	2016/09/01
4	ISSUED FOR SI-E003	2016/09/01

4		
3		
2	ISSUED FOR CONSTRUCTION	2016-04-01
1	ISSUED FOR TENDER	2015-10-01
No	Issued For	Date

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title

ELECTRICAL ROOM
DETAIL - ELECTRICAL

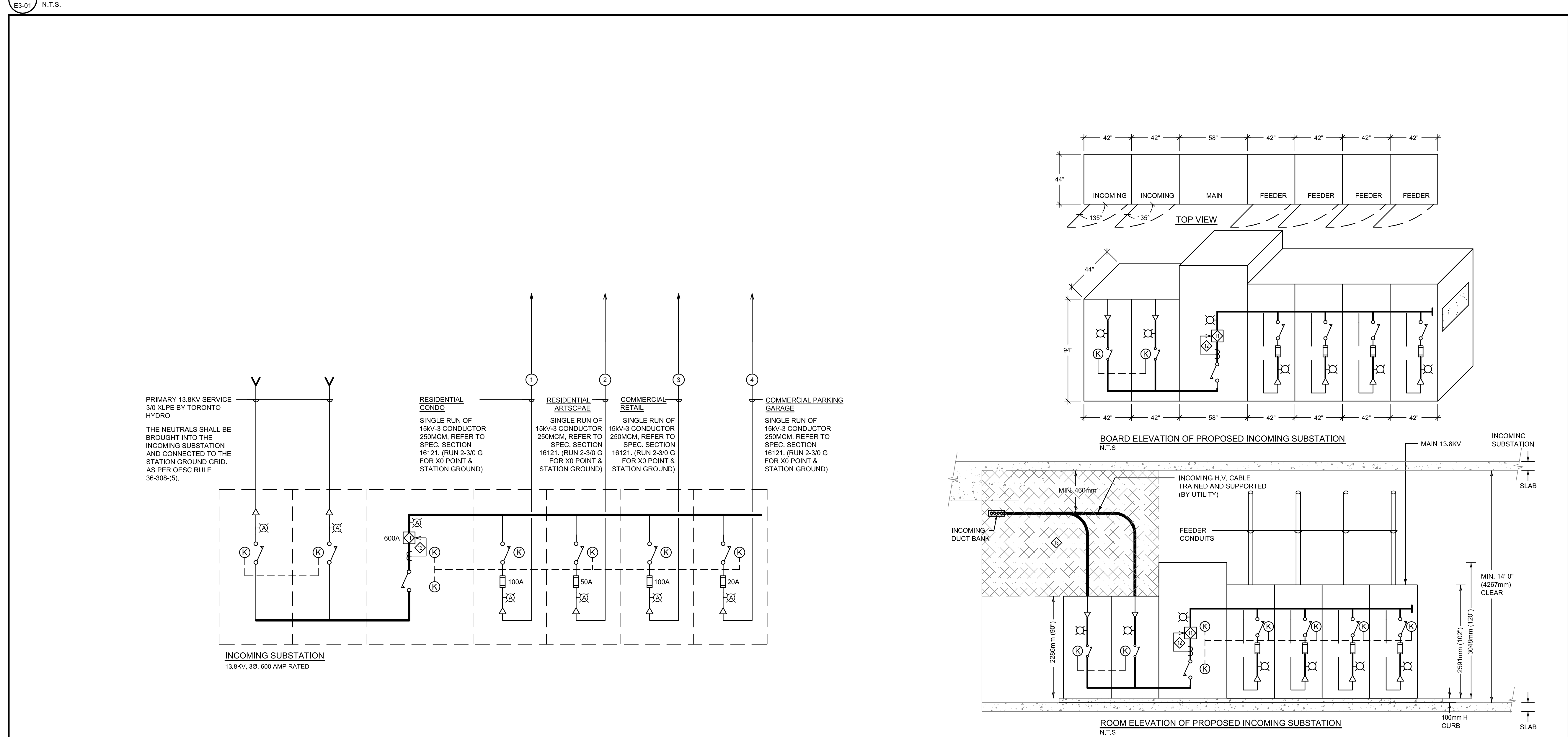
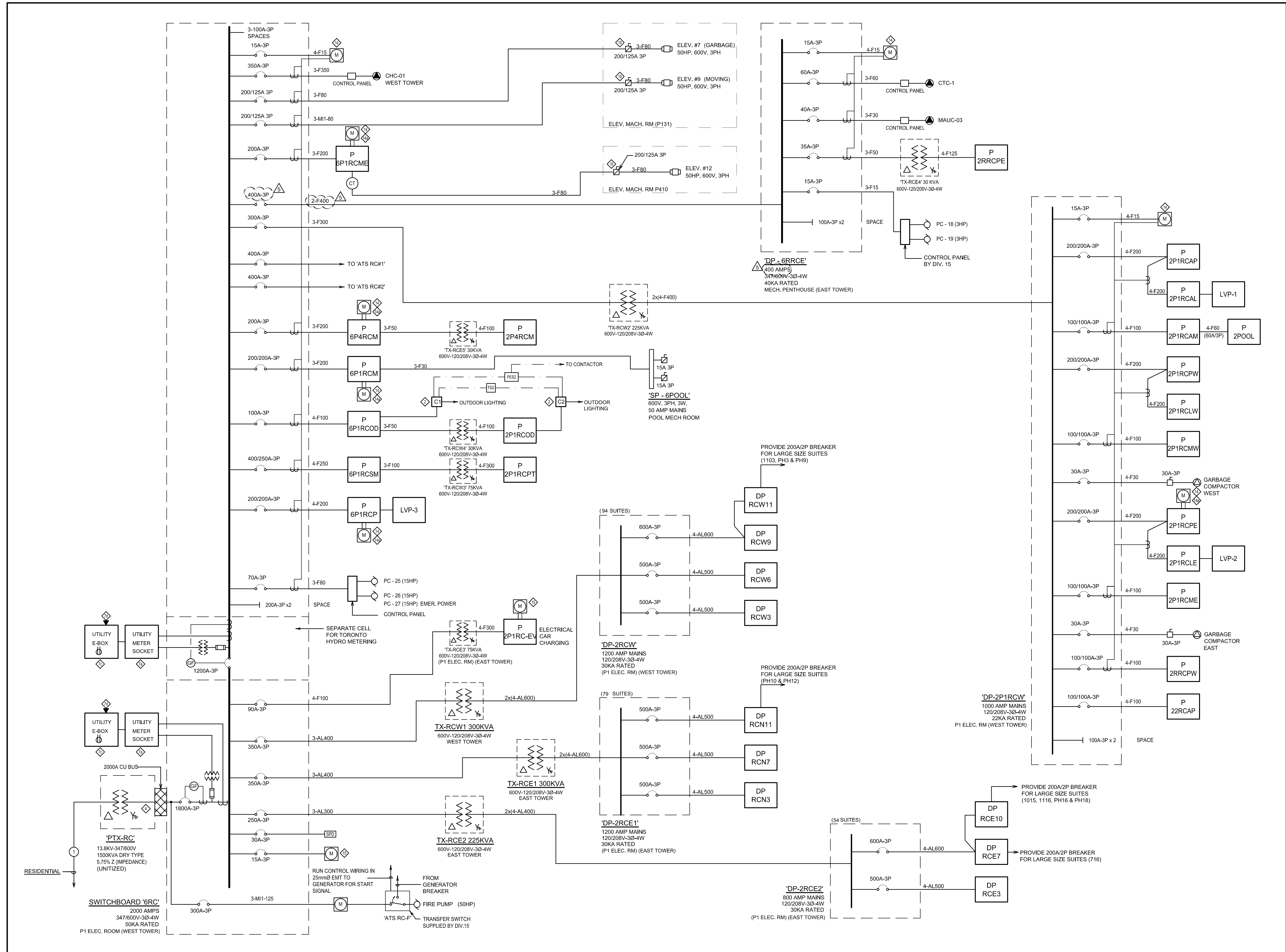
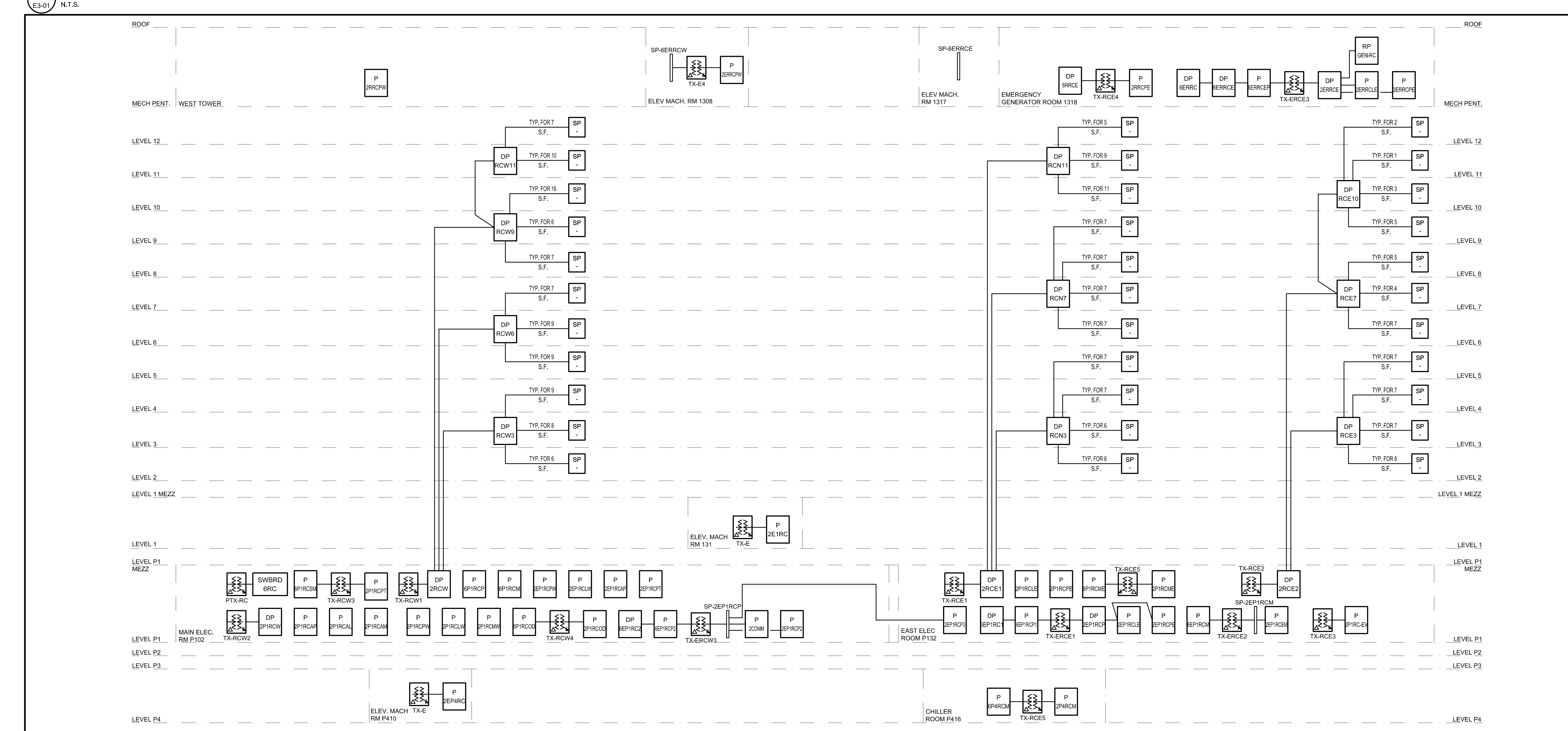
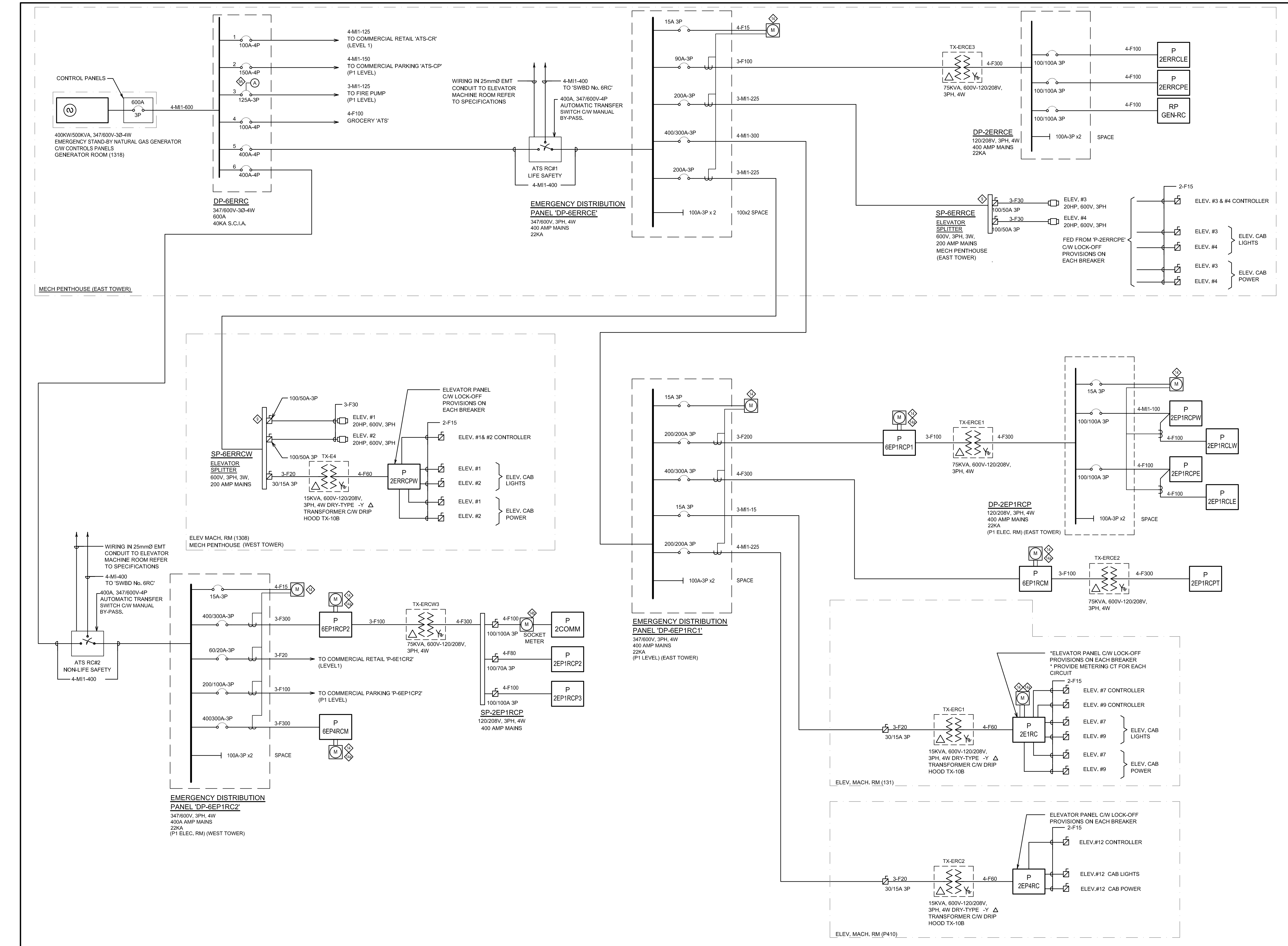
Hines **TRIDEL**
AQUAVISTA
Block 3 - R3 & R4

As indicated



0409D
 08/06/15
 Drawing No.

E5-01



600V 2 HOUR FIRE RATED M.C. CABLE SCHEDULE

AS MANUFACTURED BY FORTINER

SINGLE CONDUCTOR				THREE CONDUCTORS			
MAX BREAKER SIZE	REF	AMP	SIZE	MAX BREAKER SIZE	REF	AMP	SIZE
15	F15	15	14/2	15	MA15	15	14/2
20	F20	20	12/2	20	MA20	20	12/2
25	F25	25	10/2	25	MA25	25	10/2
30	F30	30	8/2	30	MA30	30	8/2
35	F35	35	6/2	35	MA35	35	6/2
40	F40	40	4/2	40	MA40	40	4/2
45	F45	45	3/2	45	MA45	45	3/2
50	F50	50	2/2	50	MA50	50	2/2
55	F55	55	1/2	55	MA55	55	1/2
60	F60	60	1/2	60	MA60	60	1/2
65	F65	65	1/2	65	MA65	65	1/2
70	F70	70	1/2	70	MA70	70	1/2
75	F75	75	1/2	75	MA75	75	1/2
80	F80	80	1/2	80	MA80	80	1/2
85	F85	85	1/2	85	MA85	85	1/2
90	F90	90	1/2	90	MA90	90	1/2
95	F95	95	1/2	95	MA95	95	1/2
100	F100	100	1/2	100	MA100	100	1/2
105	F105	105	1/2	105	MA105	105	1/2
110	F110	110	1/2	110	MA110	110	1/2
115	F115	115	1/2	115	MA115	115	1/2
120	F120	120	1/2	120	MA120	120	1/2
125	F125	125	1/2	125	MA125	125	1/2
130	F130	130	1/2	130	MA130	130	1/2
135	F135	135	1/2	135	MA135	135	1/2
140	F140	140	1/2	140	MA140	140	1/2
145	F145	145	1/2	145	MA145	145	1/2
150	F150	150	1/2	150	MA150	150	1/2
155	F155	155	1/2	155	MA155	155	1/2
160	F160	160	1/2	160	MA160	160	1/2
165	F165	165	1/2	165	MA165	165	1/2
170	F170	170	1/2	170	MA170	170	1/2
175	F175	175	1/2	175	MA175	175	1/2
180	F180	180	1/2	180	MA180	180	1/2
185	F185	185	1/2	185	MA185	185	1/2
190	F190	190	1/2	190	MA190	190	1/2
195	F195	195	1/2	195	MA195	195	1/2
200	F200	200	1/2	200	MA200	200	1/2
205	F205	205	1/2	205	MA205	205	1/2
210	F210	210	1/2	210	MA210	210	1/2
215	F215	215	1/2	215	MA215	215	1/2
220	F220	220	1/2	220	MA220	220	1/2
225	F225	225	1/2	225	MA225	225	1/2
230	F230	230	1/2	230	MA230	230	1/2
235	F235	235	1/2	235	MA235	235	1/2
240	F240	240	1/2	240	MA240	240	1/2
245	F245	245	1/2	245	MA245	245	1/2
250	F250	250	1/2	250	MA250	250	1/2
255	F255	255	1/2	255	MA255	255	1/2
260	F260	260	1/2	260	MA260	260	1/2
265	F265	265	1/2	265	MA265	265	1/2
270	F270	270	1/2	270	MA270	270	1/2
275	F275	275	1/2	275	MA275	275	1/2
280	F280	280	1/2	280	MA280	280	1/2
285	F285	285	1/2	285	MA285	285	1/2
290	F290	290	1/2	290	MA290	290	1/2
295	F295	295	1/2	295	MA295	295	1/2
300	F300	300	1/2	300	MA300	300	1/2
305	F305	305	1/2	305	MA305	305	1/2
310	F310	310	1/2	310	MA310	310	1/2
315	F315	315	1/2	315	MA315	315	1/2
320	F320	320	1/2	320	MA320	320	1/2
325	F325	325	1/2	325	MA325	325	1/2
330	F330	330	1/2	330	MA330	330	1/2
335	F335	335	1/2	335	MA335	335	1/2
340	F340	340	1/2	340	MA340	340	1/2
345	F345	345	1/2	345	MA345	345	1/2
350	F350	350	1/2	350	MA350	350	1/2
355	F355	355	1/2	355	MA355	355	1/2
360	F360	360	1/2	360	MA360	360	1/2
365	F365	365	1/2	365	MA365	365	1/2
370	F370	370	1/2	370	MA370	370	1/2
375	F375	375	1/2	375	MA375	375	1/2
380	F380	380	1/2	380	MA380	380	1/2
385	F385	385	1/2	385	MA385	385	1/2
390	F390	390	1/2	390	MA390	390	1/2
395	F395	395	1/2	395	MA395	395	1/2
400	F400	400	1/2	400	MA400	400	1/2
405	F405	405	1/2	405	MA405	405	1/2
410	F410	410	1/2	410	MA410	410	1/2
415	F415	415	1/2	415	MA415	415	1/2
420	F420	420	1/2	420	MA420	420	1/2
425	F425	425	1/2	425	MA425	425	1/2
430	F430	430	1/2	430	MA430	430	1/2
435	F435	435	1/2	435	MA435	435	1/2
440	F440	440	1/2	440	MA440	440	1/2
445	F445	445	1/2	445	MA445	445	1/2
450	F450	450	1/2	450	MA450	450	1/2
455	F455	455	1/2	455	MA455	455	1/2
460	F460	460	1/2	460	MA460	460	1/2
465	F465	465	1/2	465	MA465	465	1/2
470	F470	470	1/2	470	MA470	470	1/2
475	F475	475	1/2	475	MA475	475	1/2
480	F480	480	1/2	480	MA480	480	1/2
485	F485	485	1/2	485	MA485	485	1/2
490	F490	490	1/2	490	MA490	490	1/2
495	F495	495	1/2	495	MA495	495	1/2
500	F500	500	1/2	500	MA500	500	1/2
505	F505	505	1/2	505	MA505	505	1/2
510	F510	510	1/2	510	MA510	510	1/2
515	F515	515	1/2	515	MA515	515	1/2
520	F520	520	1/2	520	MA520	520	1/2
525	F525	525	1/2	525	MA525	525	1/2
530	F530	530	1/2	530	MA530	530	1/2
535	F535	535	1/2	535	MA535	535	1/2
540	F540	540	1/2	540	MA540	540	1/2
545	F545	545	1/2	545	MA545	545	1/2
550	F550	550	1/2	550	MA550	550	1/2
555	F555	555	1/2	555	MA555	555	1/2
560	F560	560	1/2	560	MA560	560	1/2
565	F565	565	1/2	565	MA565	565	1/2
570	F570	570	1/2	570	MA570	570	1/2
575	F575	575	1/2	575	MA575	575	1/2
580	F580	580	1/2	580	MA580	580	1/2
585	F585	585	1/2	585	MA585	585	1/2
590	F590	590	1/2	590	MA590	590	1/2
595	F595	595	1/2	595	MA595	595	1/2
600	F600	600	1/2	600	MA600	600	1/2
605	F605	605	1/2	605	MA605	605	1/2
610	F610	610	1/2	610	MA610	610	1/2
615	F615	615	1/2	615	MA615	615	1/2
620	F620	620	1/2	620	MA620	620	1/2
625	F625	625	1/2	625	MA625	625	1/2
630	F630	630	1/2	630	MA630	630	1/2
635	F635	635	1/2	635	MA635	635	1/2
640	F640	640	1/2	640	MA640	640	1/2
645	F645	645	1/2	645	MA645	645	1/2
650	F650	650	1/2	650	MA650	650	1/2
655	F655	655	1/2	655	MA655	655	1/2
660	F660	660	1/2	660	MA660	660	1/2
665	F665	665	1/2	665	MA665	665	1/2
670	F670	670	1/2	670	MA670	670	1/2
675	F675	675	1/2	675	MA675	675	1/2
680	F680	680	1/2	680	MA680	680	1/2
685	F685	685	1/2	685	MA685	685	1/2
690	F690	690	1/2	690	MA690	690	1/2
695	F695	695	1/2	695	MA695	695	1/2
700	F700	700	1/2	700	MA700	700	1/2
705	F705	705	1/2	705	MA705	705	1/2
710	F710	710	1/2	710	MA710	710	1/2
715	F715	715	1/2	715	MA715	715	1/2
720	F720	720	1/2	720	MA720	720	1/2
725	F725	725	1/2	725	MA725	725	1/2
730	F730	730	1/2	730	MA730	730	1/2
735	F735	735	1/2	735	MA735	735	1/2
740	F740	740	1/2	740	MA740	740	1/2
745	F745	745	1/2	745	MA745	745	1/2
750	F750	750	1/2	750	MA750	750	1/2
755	F755	755	1/2	755	MA755	755	1/2
760	F760	760	1/2	760	MA760	760	1/2
765	F765	765	1/2	765	MA765	765	1/2
770	F770	770	1/2	770	MA770	770	1/2
775	F775	775	1/2	775	MA775	775	1/2
780	F780	780	1/2	780	MA780	780	1/2
785	F785	785	1/2	785	MA785	785	1/2
790	F790	790	1/2	790	MA790	790	1/2
795	F795	795	1/2	795	MA795	795	1/2
800	F800	800	1/2	800	MA800	800	1/2
805	F805	805	1/2	805	MA805	805	1/2
810	F810	810	1/2	810	MA810	810	1/2
815	F815	815	1/2	815	MA815	815	1/2
820	F820	820	1/2	820	MA820	820	1/2
825	F825	825	1/2	825	MA825	825	1/2
830	F830	830	1/2	830	MA830	830	1/2
835	F835	835	1/2	835	MA835	835	1/2
840	F840	840	1/2	840	MA840	840	1/2
845	F845	845	1/2	845	MA845	845	1/2
850	F850	850	1/2	850	MA850	850	1/2
855	F855	855	1/2	855	MA855	855	1/2
860	F860	860	1/2	860	MA860	860	1/2
865	F865	865	1/2	865	MA865	865	1/2
870	F870	870	1/2	870	MA870	870	1/2
875	F875	875	1/2	875	MA875	875	1/2
880	F880	880	1/2	880	MA880	880	1/2
885	F885	885	1/2	885	MA885	885	1/2
890	F890	890	1/2	890	MA890	890	1/2
895	F895	895	1/2	895	MA895	895	1/2
900	F900	900	1/2</				

FAN SCHEDULE

REFERENCE	DESCRIPTION	LOCATION	SERVING	OWNERSHIP	EXHAUST AIR (L/S)	E.S.P (KPA)	FAN (RPM)	WEIGHT (KG.)	P.W.L. @ RE 10*12 WATTS OCTAVE BAND								MANUFACTURER	MODEL	ENERGY REQUIRED (HP)	MOTOR SIZE (KW)	POWER SUPPLY					STARTER		TYPE	CONTROLS				OTHER REQUIREMENTS:			OTHERS	REMARKS:
																					VCLTB	PHASE	FED FROM	EM	NORM	SUPPLIED BY:	INSTALLED BY:		MANUAL	AUTO.	INTERLOCK BY:		DISC AT MOTOR	W.P DISC AT MOTOR	F.A. SHUT		
									1	2	3	4	5	6	7	8															DNV 15	DNV 16					
EF-C-01	PARKING EXHAUST	PARKING P4	PARKING P4	CONDO	6140	0.09	962	-	-	-	-	-	-	-	GREENIECK	985-9108-30	-	2.2	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-	ON 2 SPEED MOTOR, START FAN AUTOMATICALLY UPON RECEIPT OF FIRE ALARM SIGNALS - PROVIDE REMOTE MANUAL ON/OFF SWITCH AT THE FIRE ALARM "CACT" PANEL FOR EACH FAN - PROVIDE ADDITIONAL CONTACTS ON STARTER FOR CO SYSTEM		
EF-C-02	PARKING EXHAUST	PARKING P4	PARKING P4	CONDO	6140	0.09	962	-	-	-	-	-	-	-	GREENIECK	985-9108-30	-	2.2	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-3	PARKING EXHAUST	PARKING P3	PARKING P3	CONDO	6140	0.09	962	-	-	-	-	-	-	-	GREENIECK	985-9108-30	-	2.2	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-4	PARKING EXHAUST	PARKING P3	PARKING P3	CONDO	6140	0.09	962	-	-	-	-	-	-	-	GREENIECK	985-9108-30	-	2.2	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-5	PARKING EXHAUST	PARKING P2	PARKING P2	CONDO	7380	0.08	663	-	-	-	-	-	-	-	GREENIECK	985-2142-30	-	2.2	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-6	PARKING EXHAUST	PARKING P2	PARKING P2	CONDO	7380	0.08	663	-	-	-	-	-	-	-	GREENIECK	985-2142-30	-	2.2	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-7	PARKING EXHAUST	PARKING P1	PARKING P1	CONDO	9910	0.07	804	-	-	-	-	-	-	-	GREENIECK	985-2142-50	-	3.7	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-8	PARKING EXHAUST	PARKING P1	PARKING P1	CONDO	9910	0.07	804	-	-	-	-	-	-	-	GREENIECK	985-2142-50	-	3.7	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-9	CHILLER ROOM EXHAUST	PARKING P4	P416 CHILLER ROOM	CONDO	460	0.07	677	-	-	-	-	-	-	-	GREENIECK	80F-90-4	-	0.20	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-10	CHILLER REFR. EXHAUST	PARKING P4	P416 CHILLER ROOM	CONDO	1880	0.07	542	-	-	-	-	-	-	-	GREENIECK	80F-190-10	-	0.75	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-11	LOCKER ROOM EXHAUST	P417 LOCKER ROOM P4	P417 LOCKER ROOM P4	CONDO	60	0.05	1000	-	-	-	-	-	-	-	GREENIECK	SQ-70-V5	-	0.12	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-12	ELEC. ROOM EXHAUST	P216 ELEC. ROOM P2	P216 ELEC. ROOM P2	CONDO	235	0.05	1070	-	-	-	-	-	-	-	GREENIECK	CSP-A510	-	0.3	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-13	BKE ROOM EXHAUST	P411 BKE ROOM P4	P411 BKE ROOM P4	CONDO	186	0.07	1070	-	-	-	-	-	-	-	GREENIECK	CSP-A510	-	0.30	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-14	LOCKER ROOM EXHAUST	P409 LOCKER ROOM P4	P409 LOCKER ROOM P4	CONDO	586	0.06	695	-	-	-	-	-	-	-	GREENIECK	80F-90-4	-	0.20	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-15	BKE ROOM EXHAUST	P407 BKE ROOM P4	P407 BKE ROOM P4	CONDO	100	0.06	660	-	-	-	-	-	-	-	GREENIECK	CSP-A200	-	0.10	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-16	LOCKER ROOM EXHAUST	P405 LOCKER ROOM P4	P405 LOCKER ROOM P4	CONDO	70	0.05	1000	-	-	-	-	-	-	-	GREENIECK	SQ-70-G	-	0.12	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-17	BKE ROOM EXHAUST	P310 BKE ROOM P3	P310 BKE ROOM P3	CONDO	85	0.05	1550	-	-	-	-	-	-	-	GREENIECK	SQ-70-D	-	0.12	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-18	BKE ROOM EXHAUST	P307 BKE ROOM P3	P307 BKE ROOM P3	CONDO	105	0.05	970	-	-	-	-	-	-	-	GREENIECK	CSP-A200	-	0.10	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-19	BKE ROOM EXHAUST	P306 BKE ROOM P3	P306 BKE ROOM P3	CONDO	160	0.06	1070	-	-	-	-	-	-	-	GREENIECK	CSP-A510	-	0.30	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-20	LOCKER ROOM EXHAUST	P303 LOCKER ROOM P3	P303 LOCKER ROOM P3	CONDO	586	0.06	695	-	-	-	-	-	-	-	GREENIECK	80F-90-4	-	0.20	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-21	BKE ROOM EXHAUST	P305 BKE ROOM P3	P305 BKE ROOM P3	CONDO	70	0.05	1000	-	-	-	-	-	-	-	GREENIECK	SQ-70-V5	-	0.12	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-22	BKE ROOM EXHAUST	P213 BKE ROOM P2	P213 BKE ROOM P2	CONDO	210	0.06	1070	-	-	-	-	-	-	-	GREENIECK	CSP-A510	-	0.3	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-23	BKE ROOM EXHAUST	P211 BKE ROOM P2	P211 BKE ROOM P2	CONDO	75	0.05	1550	-	-	-	-	-	-	-	GREENIECK	SQ-70-D	-	0.12	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-24	BKE ROOM EXHAUST	P210 BKE ROOM P2	P210 BKE ROOM P2	CONDO	62	0.05	1000	-	-	-	-	-	-	-	GREENIECK	SQ-70-V5	-	0.12	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-25	BKE ROOM EXHAUST	P218 BKE ROOM P2	P218 BKE ROOM P2	CONDO	88	0.05	1550	-	-	-	-	-	-	-	GREENIECK	SQ-70-D	-	0.12	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-26	MECH ROOM EXHAUST	P216 MECH ROOM P2	P216 MECH ROOM P2	CONDO	75	0.05	1550	-	-	-	-	-	-	-	GREENIECK	SQ-70-D	-	0.12	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-27	PARK ELEC. RM EXHAUST	P218 PARK ELEC. RM P2	P218 PARK ELEC. RM P2	CONDO	90	0.05	1550	-	-	-	-	-	-	-	GREENIECK	SQ-70-D	-	0.12	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-28	MUA ROOM EXHAUST	P122 MUA ROOM P1	P122 MUA ROOM P1	CONDO	260	0.06	1100	-	-	-	-	-	-	-	GREENIECK	CSP-A700	-	0.3	115	1	2P1RCMW	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-29	SPRINKLER RM EXHAUST	P121 SPRINKLER RM P1	P121 SPRINKLER RM P1	CONDO	330	0.07	1100	-	-	-	-	-	-	-	GREENIECK	CSP-A700	-	0.3	115	1	2P1RCMW	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-30	EAST GABAGE EXHAUST	138 EAST GABAGE L1	138 EAST GABAGE L1	CONDO	366	0.06	963	-	-	-	-	-	-	-	GREENIECK	80F-90-4	-	0.3	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-31	LOADING BAY EXHAUST	134 LOADING BAY L1	134 LOADING BAY L1	CONDO	1195	0.07	570	-	-	-	-	-	-	-	GREENIECK	80F-120-7	-	0.56	575	3	6P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-32	MUA ROOM EXHAUST	1M15 MUA ROOM L1 M	1M15 MUA ROOM L1 M	CONDO	305	0.07	1100	-	-	-	-	-	-	-	GREENIECK	CSP-A700	-	0.3	115	1	2P1RCMW	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-33	WEST GABAGE EXHAUST	1M11 WEST GABAGE L1 M	1M11 WEST GABAGE L1 M	CONDO	330	0.07	1100	-	-	-	-	-	-	-	GREENIECK	CSP-A700	-	0.3	115	1	2P1RCMW	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-34	MECH ROOM EXHAUST	1316 MECH ROOM L13	1316 MECH ROOM L13	CONDO	305	0.07	1100	-	-	-	-	-	-	-	GREENIECK	CSP-A700	-	0.3	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-35	MECH ROOM EXHAUST	1316 MECH ROOM L13	1316 LOCKER ROOM L13	CONDO	720	0.07	695	-	-	-	-	-	-	-	GREENIECK	80F-90-5	-	0.3	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-36	MUA ROOM EXHAUST	1322 MUA ROOM L13	1322 MUA ROOM L13	CONDO	223	0.06	1070	-	-	-	-	-	-	-	GREENIECK	CSP-A510	-	0.3	115	1	2P1RCME	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-37	AMENITY SMOKE EXHAUST	PARKING P1	AMENITY P1	CONDO	3180	0.12	2230	-	-	-	-	-	-	-	GREENIECK	QB-16-1-50	-	3.75	575	3	6EP1RCM	YES	-	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-38	WASHROOM 105 L1 EXHAUST	WASHROOM 105 L1	WASHROOM 105 L1	CONDO	70	0.10	1000	-	-	-	-	-	-	-	GREENIECK	SQ-70-D	-	0.12	115	1	2P1RCM	-	YES	DNV 15	DNV 15	-	-	YES	YES	YES	-	-	-	-			
EF-C-39	PRIVATE PARKING EXHAUST	PARKING P4	PARKING P4	CONDO	354	0.10	962	-	-	-	-	-	-	-	GREENIECK	SQ-100-A	-	.20	115	1	2																