



MCW Consultants Ltd.

Site Instruction

Date: June 6, 2017

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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 023
Page No.: 1 of 1+ 3 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
Sarfraz 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: Pool Mech Room Exhaust Fan

Specification:

Spec	Issued	Items
Panel 'P-2POOL'	Yes	Feed exhaust fan EFC-40 from existing spare breaker.

Electrical:

Drawing No.	Drawing Issued	Items
E1-01	Yes	Revise tags of sump pump P-13 & P-14 to read PCM-01 & PCM-02 as shown.
E2-02A	Yes	Provide power connection to exhaust EFC-40 as shown.

ME Schedule:

Drawing No.	Drawing Issued	Items
ME-13	No	Feed exhaust fan EFC-40 from panel '2POOL-6'.

Reason for Issue – Design coordination with mechanical SI-M010/SI-M012.

End of SI-E023

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

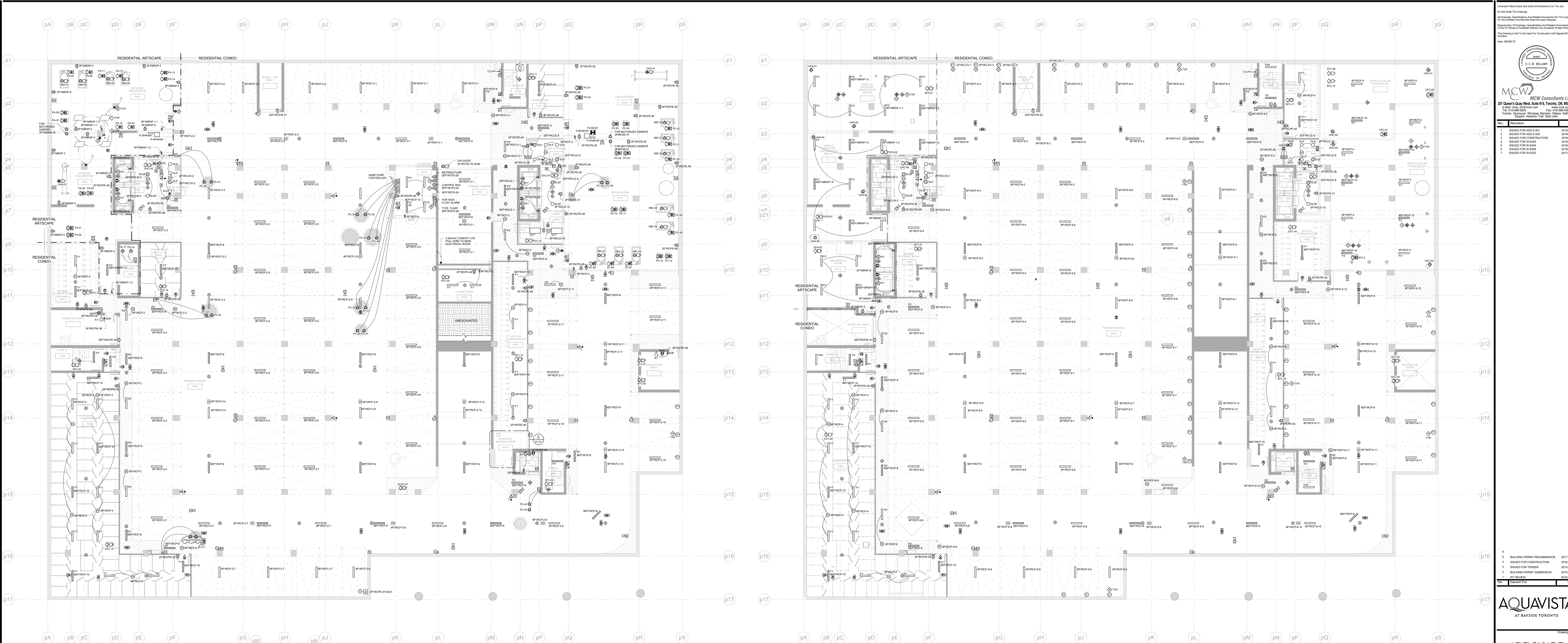
60A NA MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS		2POOL			JOB NAME: Aquavista							
60A NA		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
REC	180		2	20	1a	120			2a	15 GFCI				POOL LTG L2
						360								
SPARE				20	3b		240		6c	15				EFC-40 POOL MECH ROOM L1M
SPARE				20	5c			50	8a	15				SPARE
SPARE				20	7a	0			10b	15				SPARE
SPARE				20	9b		0		12c	15				SPARE
SPARE				20	11c			0	14a					
					13a	0			16b					
					15b				18c					
					17c				20a					
					19a				22b					
					21b				24c					
					23c									
						480	240	50	PANEL TYPE: NEMA TYPE3					
						TOTAL WATT 770			LOCATION: LEVEL 1 MEZZ					
						TOTAL AMP 2								

TOTAL WATT
TOTAL AMP



1 LEVEL P4 - ELECTRICAL
1:100

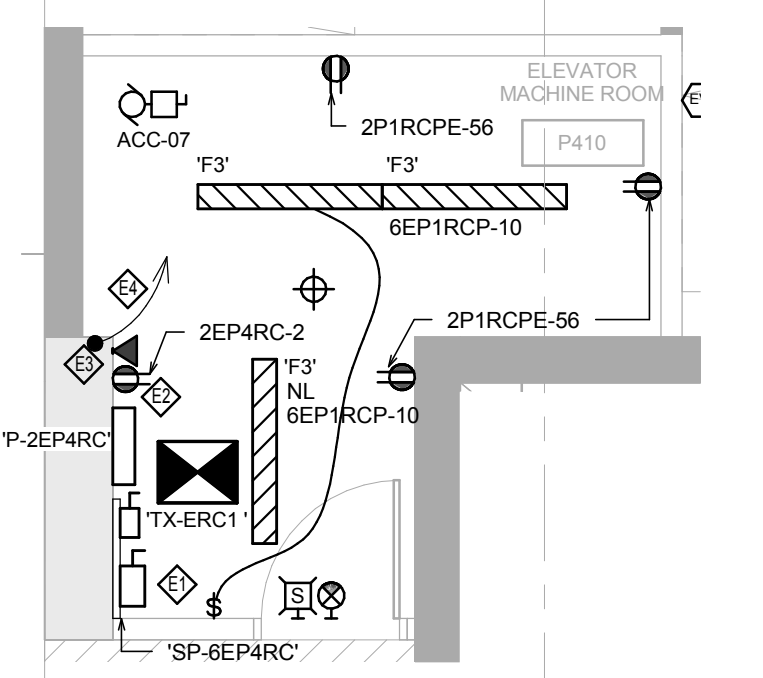
2 LEVEL P3 - ELECTRICAL
1:100

3 ELEVATOR MACH. ROOM P410
1:50

NOTES:

- ALL GARAGE LIGHT FIXTURES SHALL BE TYPE "Y" UNLESS OTHERWISE NOTED.
- REFER TO RISER FOR STAIRS AND COMMON AREA CIRCUITS. (DWG. E-411)
- PROVIDE MINIMUM AWG WIRING FOR ALL LIGHT FIXTURES IN STAIRS AND IN COMMONS.
- 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:
- ALL EXIT SIGNS ON THIS DRAWING SHALL BE TYPE "E", REFER TO DWG. E-411 FOR CIRCUIT NUMBER.
- SWIMMER SYSTEM LOW SWITCH AND SUPERVISORY VALVE. REFER TO MPPENDA INCORPORATED DRAWING FOR QUANTITY AND DESCRIPTION.
- PROVIDE 100mm x 51mm 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-501 FOR DETAILS.
- 30 AWG COPPER GROUNDING CONDUIT.
- EMERGENCY VALVE SWITCHES FOR HEATING COILS. PROVIDE LAMINUM IDENTIFICATION PLATE. LOCATE SWITCHES AT 1000MM AFF. PROVIDE SEE THROUGH TAMPER PROOF TYPE ENCLOSURE WITH LAMINUM IDENTIFICATION MARKING PLATE.
- FOR FUTURE CAR WASH CONTROLLER PROVIDE POWER 12A, 120/208V 3Ø 4W 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 FOR PROVIDING THE DETECTOR. CONTRACTOR SHALL PROVIDE THE DETECTOR IN ORDER TO ALLOW THE DETECTOR TO OPERATE PROPERLY. 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 CAN RUN WIRE BACK TO ELECTRICAL CAR CHARGING PANEL AT EAST ELECTRICAL ROOM P103.
- PROVIDE LOOKABLE COVER MOUNTING HEIGHT 1000mm A.F.F.
- POWER RECEPTACLE FOR FILTRATION SYSTEM. EXACT LOCATION TO BE COORDINATED WITH FILTRATION SYSTEM SHOP DRAWING.

- ELEVATOR MACHINE ROOM NOTES:
- PROVIDE DISCONNECT SWITCHES FOR ELEVATOR MOTOR, C/W AUXILIARY CONTACT WITH WIRING TO THE CONTROLLER. REFER TO SINGLE DIAGRAM FOR REEER. SEE FUSE TO BE PROVIDED AT THE ELEVATOR SHOP.
 - RELOCATE OF RECEPTACLE NEXT TO CONTROL CABINET. COORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR ON SITE.
 - 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.
 - CONDUIT TO PLYWOOD BACKBOARD FOR SECURITY SERVICE.



Customer Must Check And Verify All Dimensions On The Job.
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This Drawing Is Not To Be Used For Construction Until Signed By The Architect.
Date: 08/28/12

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No.	Revision	Date
1	ISSUED FOR ADD E-003	2010/01/20
2	ISSUED FOR ADD E-003	2010/01/20
3	ISSUED FOR CONSTRUCTION	2010/01/20
4	ISSUED FOR S.E-003	2010/09/20
5	ISSUED FOR S.E-004	2010/11/01
6	ISSUED FOR S.E-006	2010/11/01
7	ISSUED FOR S.E-003	2010/05/05

1	BUILDING PERMIT RESUBMISSION	2017-04-25
2	ISSUED FOR CONSTRUCTION	2016-04-21
3	ISSUED FOR TENDER	2015-10-30
4	BUILDING PERMIT SUBMISSION	2015-06-12
5	REV. REVIEW	2015-05-01

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title

LEVEL P4 & LEVEL P3
PARKING PLAN -
ELECTRICAL

Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4

Queen's Quay East
Toronto, ON

As Indicated

Author

Checker

8489D

08/28/12

08/28/12

E1-01

