Site Instruction

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Date: June 8, 2017

Project Name:	AQUAVISTA - Bayside	*Project No.:*	8489D
Client:	TRIDEL Corporation	*SI No.:*	E 024
To:	TRIDEL Corporation	*Page No.:*	1 of 1+ 4 attached
Attention:	Chadi Loza	*Office:*	Toronto
Fax number:	-	*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: Artscape Security Revision

Specification:

Spec	Issued	Items
		• N/A.

Electrical:

Drawing No.	Drawing Issued	Items
E1-02	Yes	• Delete intercom stations (Qty-2) on P2 level as shown. • Add panic alarms (Qty-5) in Artscape locker room and bicycle storage room on P2 level as shown.
E2-02A	Yes	• Clarification to door release switch location of Artscape enterphone system as shown.
E2-14B	Yes	• Add phone outlet in Artscape amenity area as shown. • Add power receptacle in Artscape outdoor amenity terrace, and feed this receptacle from panel 'P-2RRAP' existing 15A/1P spare breaker.
E4-06	Yes	• Revise detail-5 enterphone system (Artscape) drawing as shown.

ME Schedule:

Drawing No.	Drawing Issued	Items
		• N/A.

Reason for Issue – Owner request.

End of SI-E024

RESIDENTIAL ARTSCAPE — RESIDENTIAL CONDO

RESIDENTIAL CONDO — COMMERCIAL PARKING

RESIDENTIAL ARTSCAPE — RESIDENTIAL CONDO

RESIDENTIAL CONDO

COMMERCIAL PARKING

COMMERCIAL

ELEVATOR MACHINE ROOM NOTES:

1. PROVIDE DISCONNECT SWITCH FOR ELEVATOR MOTOR, C/W AUXILIARY CONTACTS FOR ELEVATOR CONTROLLER. REFER TO ELEVATOR SINGLE LINE DIAGRAM FOR FEEDER SIZE. FUSE TO BE PROVIDE AS PER ELEVATOR SHOP.
2. DEDICATE GFI RECEPTACLE NEXT TO CONTROL CABINET. COORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR ON SITE.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL EMPTY CONDUIT C/W PULL WIRE FOR EMERGENCY TELECOMMUNICATION ROOM FOR A DEDICATED TELEPHONE LINE TO BE TERMINATED IN THE EMERGENCY ELEVATOR SIGNAL CONTROL CABINET FOR EMERGENCY CALL SYSTEM.
4. CONSULT TO PLYWOOD BACKBOARD FOR SECURITY SERVICE.

NOTES:

1. ALL GARAGE LIGHT FIXTURES SHALL BE TYPE 'P1' UNLESS OTHERWISE NOTED.
2. REFER TO RISER FOR STAIRS AND COMMON AREA CIRCUITS. (DWG. E4-01)
3. PROVIDE MINIMUM #10 AWG WIRING FOR ALL LIGHT FIXTURES IN STAIRS AND IN CORRIDORS.
4. 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
5. ALL EXIT SIGNS SHALL BE TYPE 'S1' UNLESS 'S1', REFER TO DWG. E4-01 FOR CIRCUIT NUMBER. COMMERCIAL PARKING AREA EXIT SIGNS ARE FED FROM 5EP/CP1-2 ON P1.
6. MINIMUM SYSTEM FLOW SWITCH AND SUPERVISORY VALVE. REFER TO MIRENDA INCORPORATED DRAWING FOR QUANTITY AND DESCRIPTION.
7. PROVIDE JUNCTION BOX FOR OH DOOR CONTROL. RUN CONDUIT WITH WIRING TO CONCIERGE DESK.
8. N/A
9. MOUNTING HEIGHT 1000mm A.F.F. ALL CONDUITS C/W PULL WIRE BACK TO ELETRICAL CAR CHARGING PANEL AT EAST ELECTRICLA ROOM (P132).
10. PROVIDE LOCKABLE COVER. MOUNTING HEIGHT 1000mm A.F.F.
11. PROVIDE 1-25mmC CONDUIT C/W PULL WIRE FOR REMOTE WATER METER. EXACT LOCATION OF REMOTE WATER METER TO BE COORDINATED WITH THE CITY OF TORONTO REQUIREMENTS.
12. FOR COMMERCIAL PARKING P/Y STATION.
13. PROVIDE 4-27mmC CONDUITS TO IRRIGATION CONTROLLERS. EXACT IRRIGATION CONTROLLER LOCATIONS TO BE COORDINATED ON SITE.

1 LEVEL P2 - ELECTRICAL
1 : 100

2 LEVEL P1 - ELECTRICAL
1 : 100

3 ELEVATOR MACH. ROOM P209
1 : 50

4 ELEVATOR MACH. ROOM P125 (ARTSCAPE)
1 : 50

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Date: 03/06/15

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100150855
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No.	Revision	Date
1	ISSUED FOR ADD E-001	2015/12/08
2	ISSUED FOR ADD E-002	2016/01/06
3	ISSUED FOR ADD E-003	2016/01/08
4	ISSUED FOR CONSTRUCTION	2016/04/21
5	ISSUED FOR SI-E003	2016/05/25
6	ISSUED FOR SI-E006	2016/11/16
7	ISSUED FOR SI-E008	2016/11/29
8	ISSUED FOR SI-E024	2017/06/08

No.	Revision	Date
6		
5	BUILDING PERMIT RESUBMISSION	2017-04-25
4	ISSUED FOR CONSTRUCTION	2016-04-21
3	ISSUED FOR TENDER	2015-10-16
2	BUILDING PERMIT SUBMISSION	2015-06-12
1	IHT REVIEW	2015-05-01
No.	Issued For	Date

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
LEVEL P2 & LEVEL P1 PARKING PLAN - ELECTRICAL

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

Scale: As indicated
Drawn by: Author
Checked by: Checker
Project No.: 8489D
Date: 03/06/15
Drawing No.: E1-02

Plot Date: 06/06/2017 3:13:02 PM File Path: C:\Users\kcc.1\Documents\3489D - Aquavista - IBC_kcc.1.rvt

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. SPRINKLER SYSTEM FLOW SWITCH AND SUPERVISORY VALVE. REFER TO MIRENDA INCORPORATED DRAWING 'SP2' 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 LAMACOID IDENTIFICATION PLATE. MOUNT SWITCHES AT 1100MM AFF. PROVIDE SEE THROUGH TAMPER PROOF TYPE ENCLOSURE WITH LAMACOID IDENTIFICATION NAMEPLATE.
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 AWAY FROM MECHANICAL EQUIPMENT, PIPES AND DUCTS IN ORDER TO ALLOW THE DETECTORTO OPERATE PROPERLY. CONTRACTOR SHALL INCLUDE THE SUPPLY AND INSTALLATION OF AN ADDITIONAL 5 HEAT DETECTORS. EXACT LOCATIONS OF ADDITIONAL DETECTORS SHALL BE AS DIRECTED ON SITE AFTER COMPLETE INSTALLATION. PROVIDE HIGH TEMPERATURE HEAT DETECTOR IN BOILER ROOM.
9. SECURITY DESK, PROVIDE (8) 15A, 120V CIRCUITS FROM PANEL 'P-2EP1RAP2'. REFER TO SECURITY RISERS FOR ALL REQUIREMENTS ASSOCIATED WITH THE DESK. EXACT EQUIPMENT LAYOUT TO BE CO-ORDINATED WITH SECURITY CONTRACTOR AND MILLWORK SHOP DRAWINGS. (2EP1RAP2-2,4,6,8,10,12,14,16)
10. EXIT SIGNS IN RETAIL MECHANICAL ROOM AND ELECTRICAL ROOM ARE FED FROM '6E1MCRP-5'.
11. LIGHTING SHALL BE WIRED THROUGH A CONTACTOR & CONTROLLER USING A TIMER.
12. PROVIDE GFCI BREAKER FOR POOL LIGHT CIRCUIT.

ELECTRICAL ROOM NOTES:

E1. GROUND BUSS INTERCONNECTED WITH #3/0 AWG GROUND WIRE. MOUNT GROUND LOOP AT HIGH LEVEL. RUN A #3/0 AWG GROUND WIRE TO THE MAIN ELECTRICAL ROOM GROUNDING SYSTEM. GROUND ALL METAL WITHIN THE ROOM, INCLUDING DOOR FRAMES, DOORS, MECHANICAL EQUIPMENT, ETC.
E2. PROVIDE 100mm HIGH CONCRETE PAD FOR ALL FLOOR STANDING EQUIPMENT.
E3. PROVIDE 1200mm(W) X 2440mm(H) X 19mm(D) PLYWOOD BACKBOARD. REFER TO COMMUNICATION / SECURITY RISER E4-05 / E4-06 FOR CONDUITS DETAIL.

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Date: 03/09/15

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No.	Revision	Date
1	ISSUED FOR ADD E-001	2015/12/10
2	ISSUED FOR ADD E-002	2016/01/06
3	ISSUED FOR ADD E-003	2016/01/26
4	ISSUED FOR CONSTRUCTION	2016/04/21
5	ISSUED FOR SI-E003	2016/09/29
6	ISSUED FOR SI-E022	2017/06/01
7	ISSUED FOR SI-E023	2017/06/06
8	ISSUED FOR SI-E024	2017/06/08

No	Issued For	Date
6		
5		
4		
3	BUILDING PERMIT RESUBMISSION	2017-04-25
2	ISSUED FOR CONSTRUCTION	2016-04-21
1	ISSUED FOR TENDER	2015-10-30

AQUAVISTA
AT BAYSIDE TORONTO

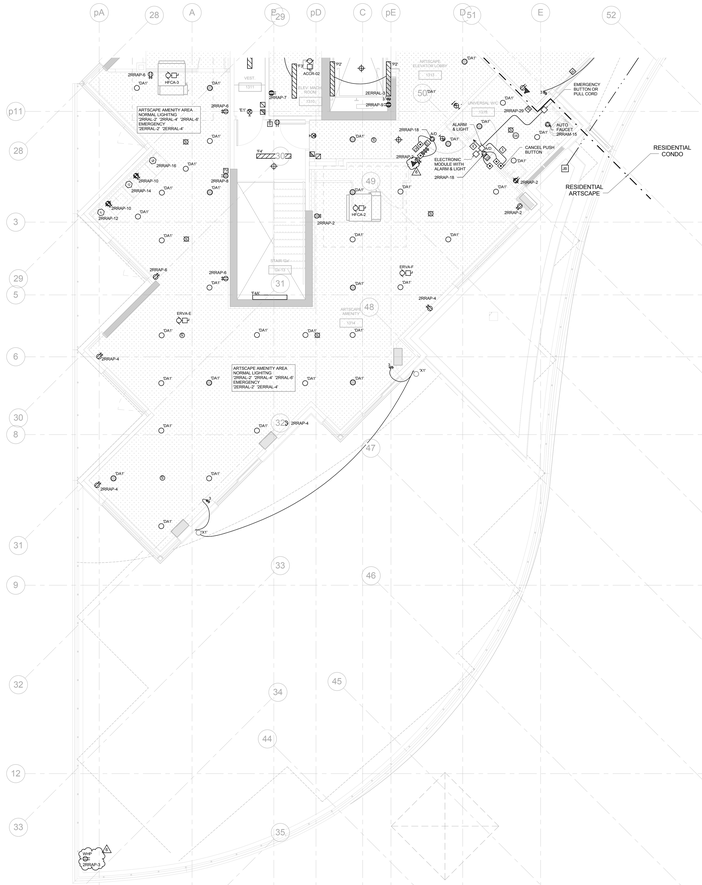
Drawing Title

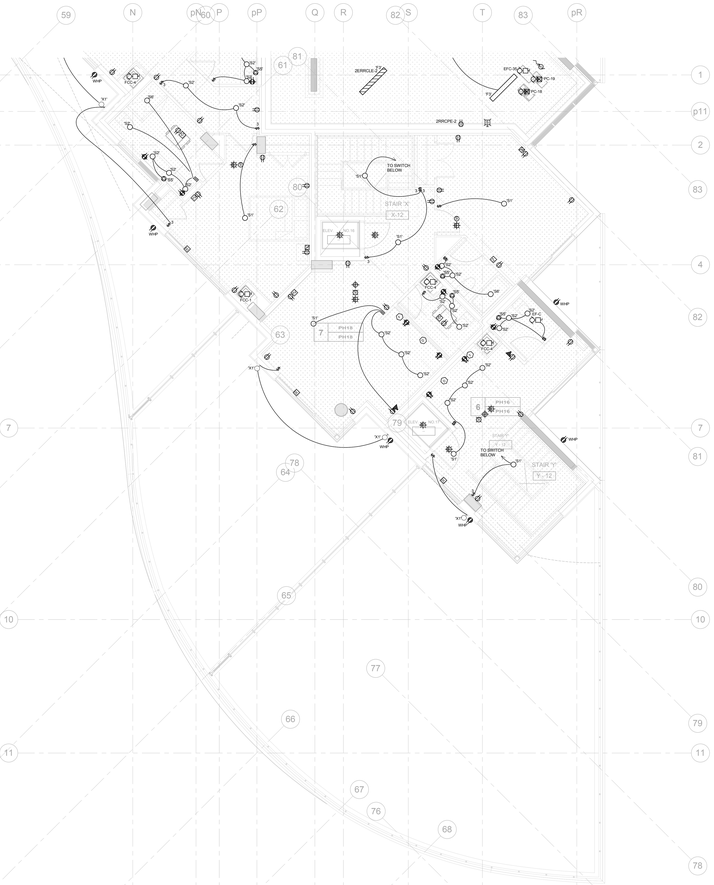
LEVEL 1 MEZZANINE FLOOR PLAN NORTH - ELECTRICAL

Project

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

Scale	1 : 50
Drawn by	Author
Checked by	Checker
Project No.	8489D
Date	03/09/15
Drawing No.	E2-02A





NOTES:

1. ALL EXIT SIGNS ARE TYPE 'E2' UNLESS OTHERWISE NOTED.
2. REFER TO RISER FOR STAIRS AND COMMON AREA CIRCUITS. (DWG. E4-01)
3. SPRINKLER SYSTEM FLOW SWITCH AND SUPERVISORY VALVE. REFER TO MIRENDA INCORPORATED DRAWING SP2 FOR QUANTITY AND DESCRIPTION.

1. PROVIDE A 20A,120V,1φ SURFACE MOUNTED WEATHERPROOF DUST - LOCK TYPE RECEPTACLE WITH INTEGRAL GROUND FAULT INTERRUPTER AND HANDLE LOCK # HBL2620SW (ESMAC LB-30R). PROVIDE ALSO A 120 VOLT DUPLEX RECEPTACLE.
2. PROVIDE 21mAC CIDOUT C/W PULL WIRE FOR EMERGENCY CALL SYSTEM IN UNIVERSAL WASHROOM.
3. RUN 27mAC CONDUIT C/W PULL WIRE BACK TO SECURITY CONTROL PANEL AT MAIN LOBBY FROM EMERGENCY CALL STATION AREA FOR EMERGENCY CALL SYSTEM IN UNIVERSAL WASHROOM.

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Date: 04/16/15

D.C.M. BELAMY
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No.	Revision	Date
1	ISSUED FOR ADD E-001	2015-12-08
2	ISSUED FOR ADD E-002	2016/01/06
3	ISSUED FOR SI-E003	2016/06/09
4	ISSUED FOR SI-E011	2017/04/24
5	ISSUED FOR SI-E012	2017/05/25
6	ISSUED FOR SI-E024	2017/06/06

No.	Issued For	Date
6		
5	BUILDING PERMIT RESUBMISSION	2017-04-25
4	ISSUED FOR CONSTRUCTION	2016-04-21
3	ISSUED FOR TENDER	2015-10-16
2	BUILDING PERMIT SUBMISSION	2015-06-12
1	WT REVIEW	2015-05-01

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title

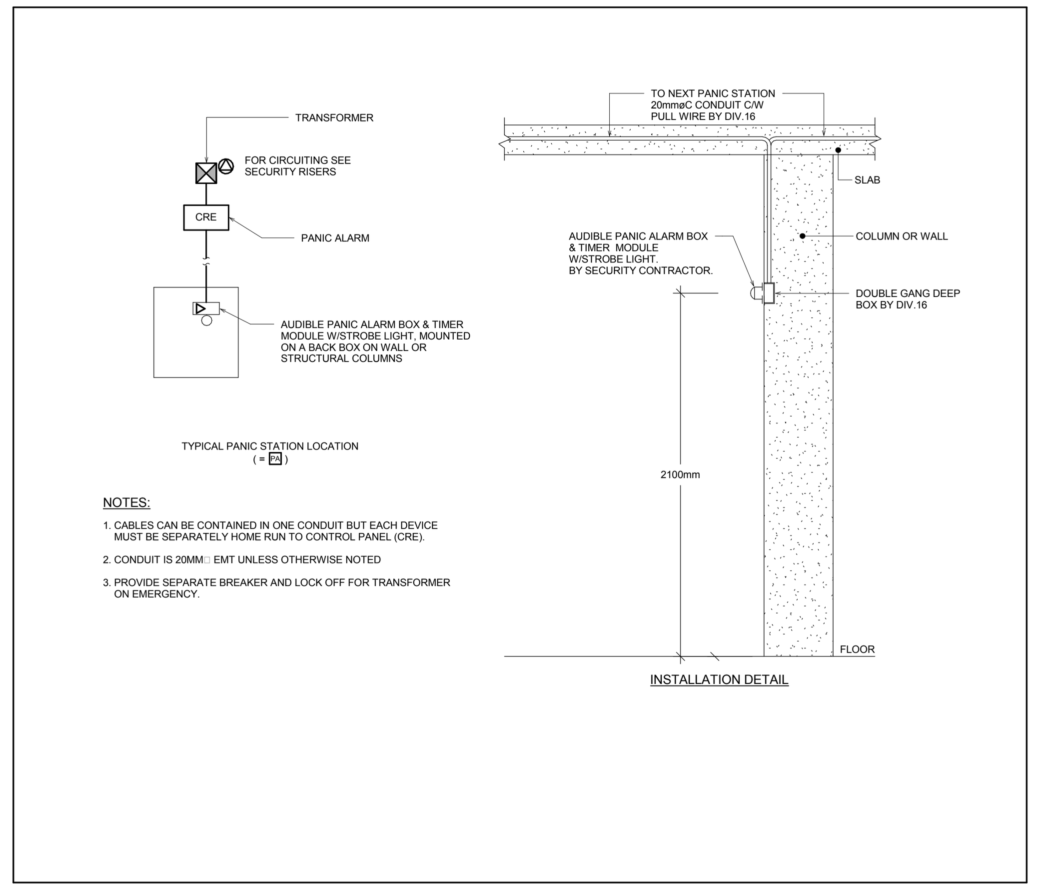
LEVEL 13 FLOOR PLAN
SOUTH - ELECTRICAL

Project

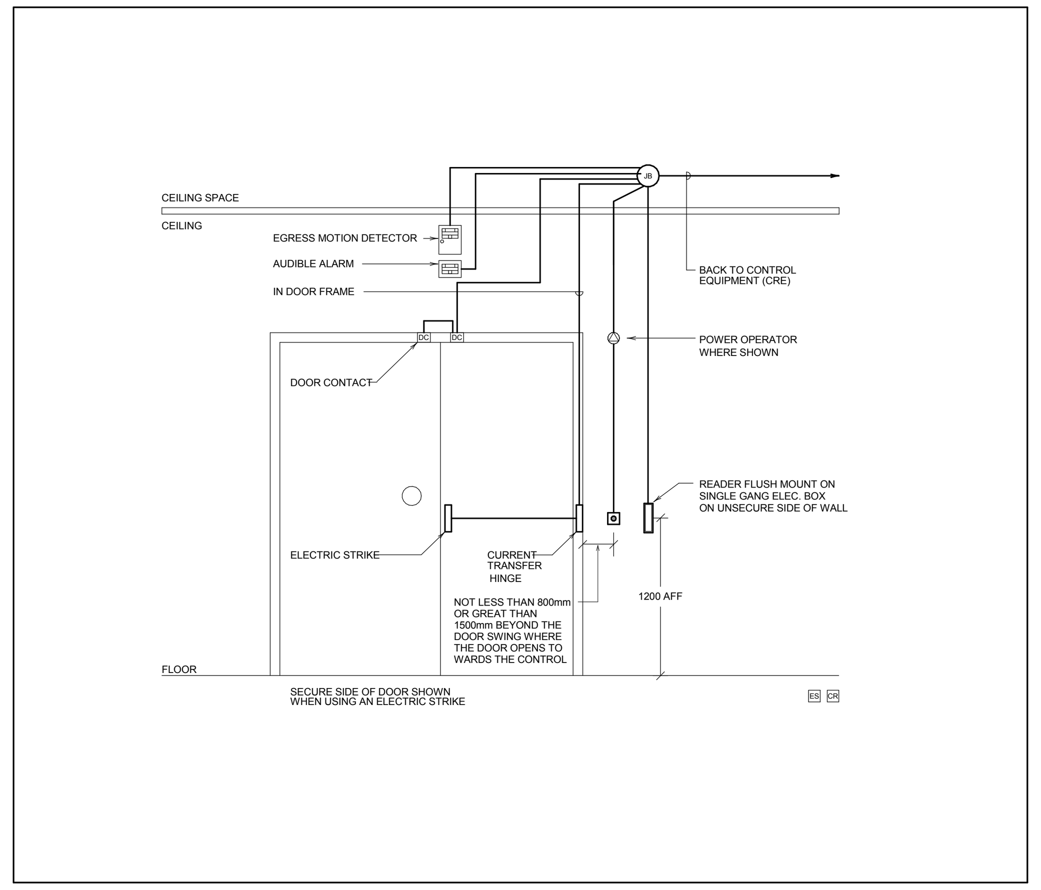
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
Queen's Quay East
Toronto, ON

Scale: 1 : 50
Drawn by: Author
Checked by: Checker
Project No.: 8489D
Date: 04/16/15
Drawing No.: E2-14B

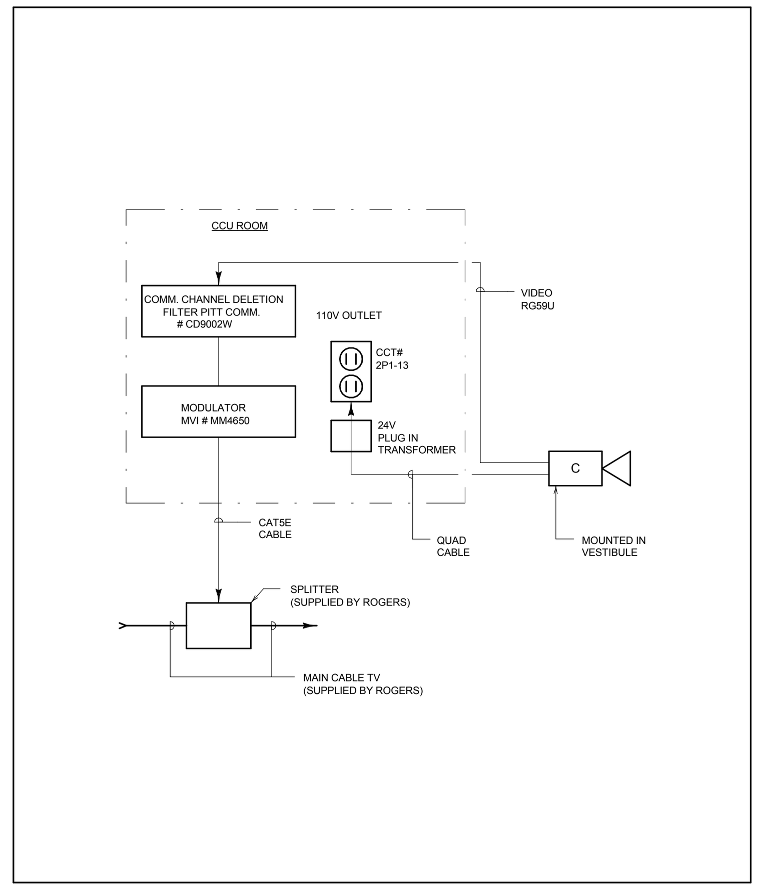
N



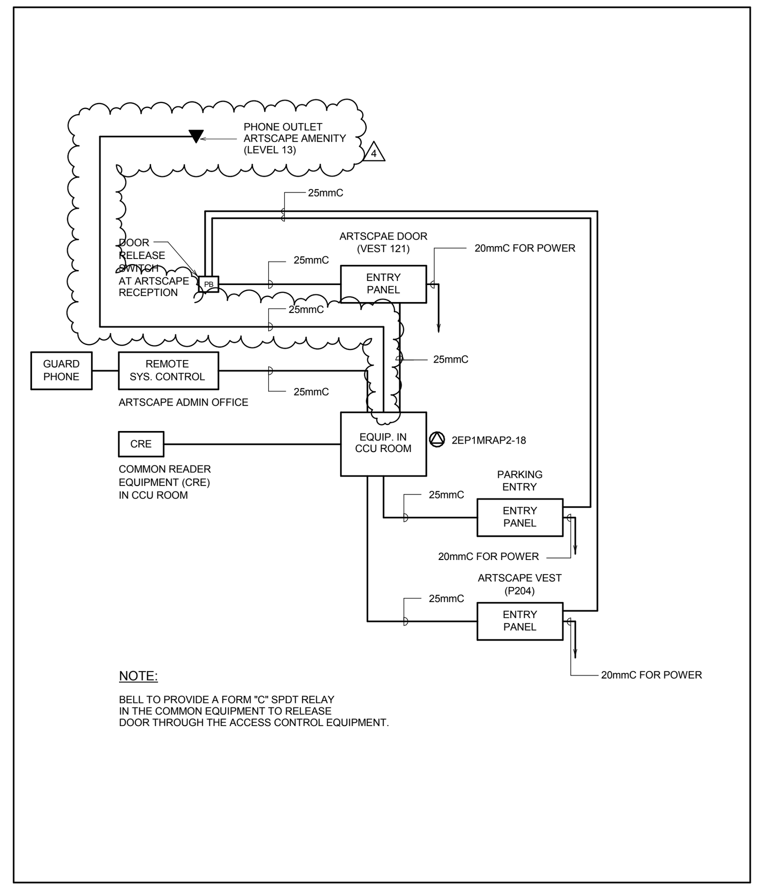
12 PANIC ALARM SYSTEM DETAILS
1 : 1



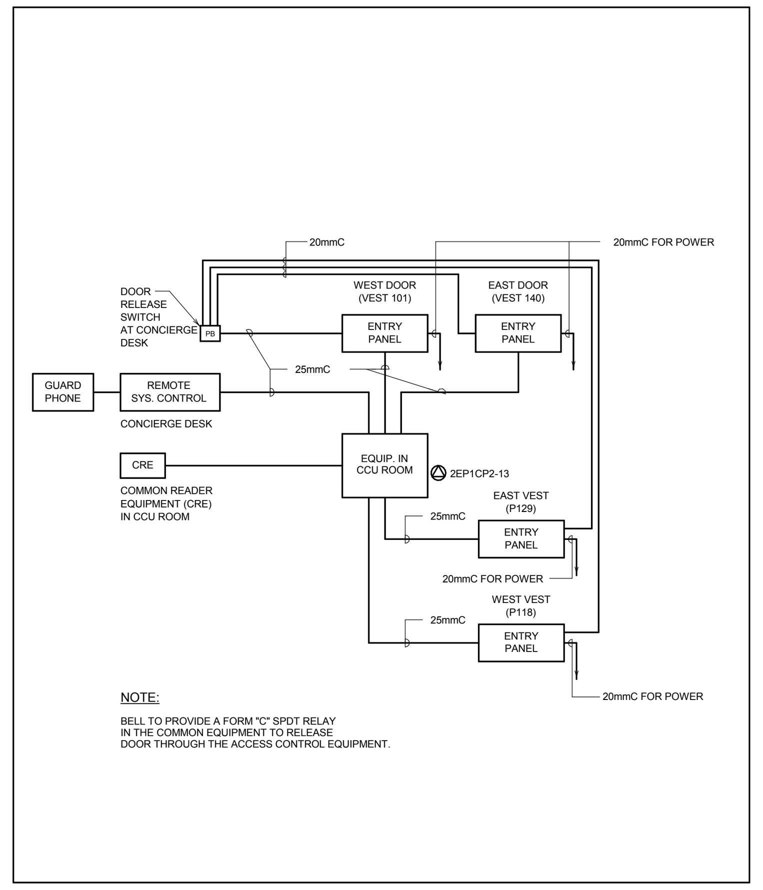
9 SECURED DOUBLE DOOR WITH ELECTRIC STRIKE
N.T.S



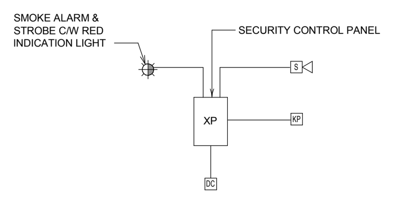
6 LOBBY CAMERA INSTALLATION
N.T.S



5 ENTERPHONE SYSTEM (ARTSCAPE)
N.T.S



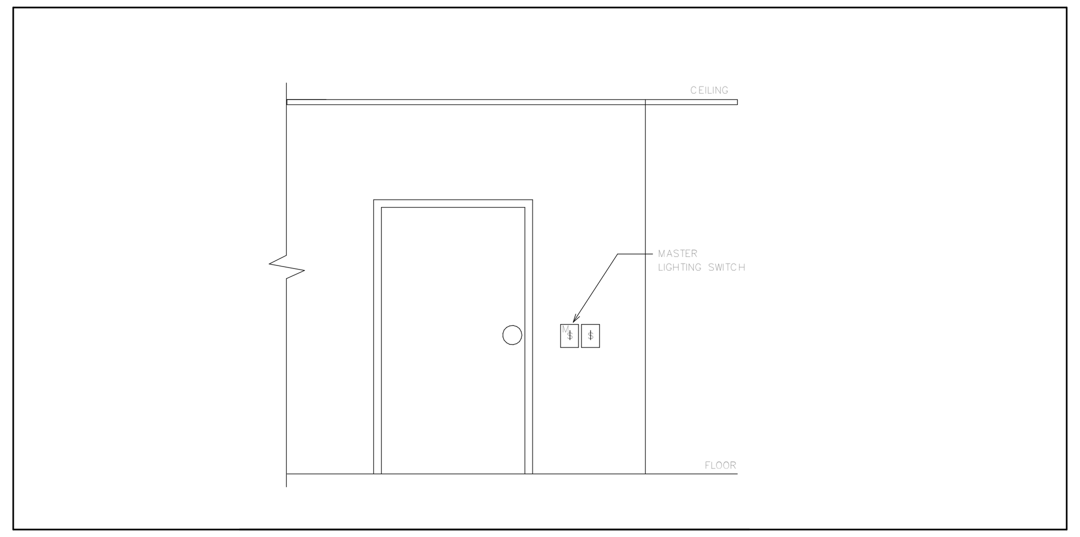
4 ENTERPHONE SYSTEM (CONDO)
N.T.S



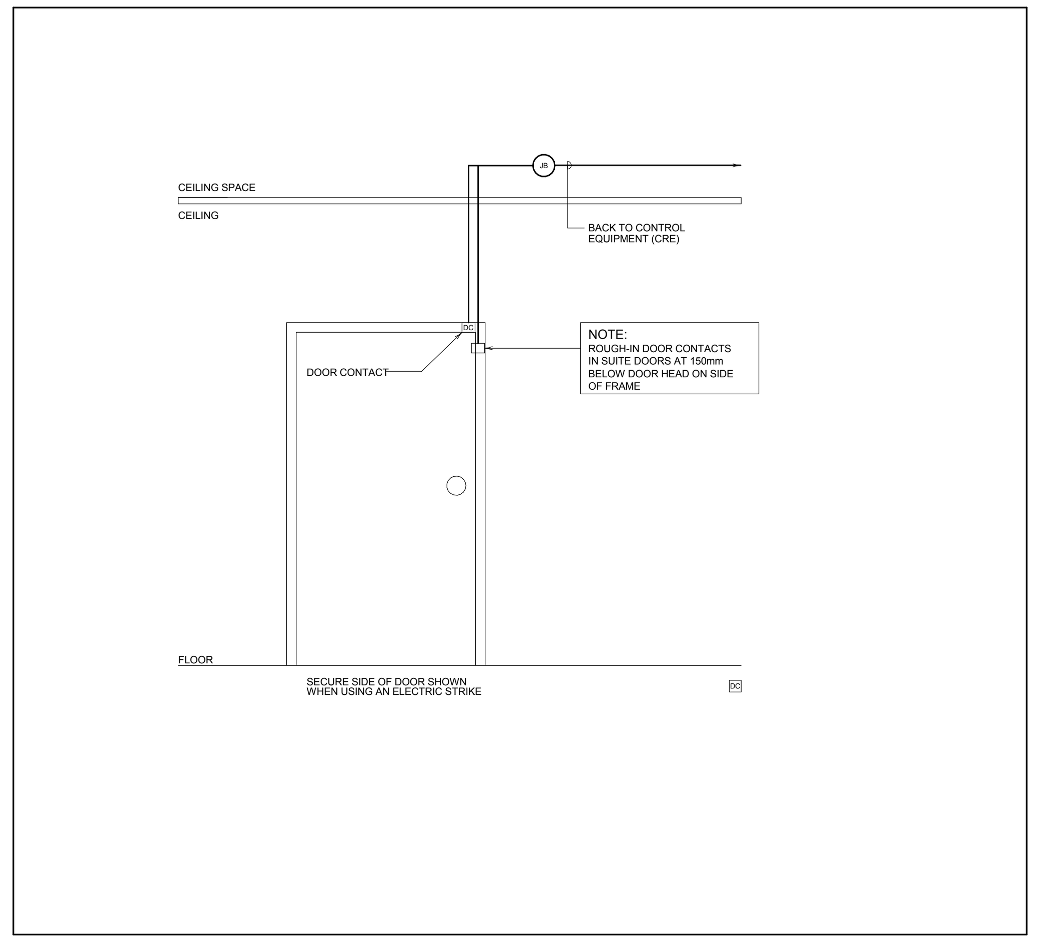
NOTES:

1. CABLES CAN BE CONTAINED IN ONE CONDUIT BUT EACH DEVICE MUST BE SEPARATELY RUN TO CONTROL PANEL.
2. CABLES ARE EACH A 1-T1 UNLESS OTHERWISE NOTED.
3. CONDUITS ARE 12mm UNLESS OTHERWISE NOTED.
4. PROVIDE CONTROL PANEL WITH WIRELESS CAPABILITY, TO ACCEPT WIRELESS DEVICES.

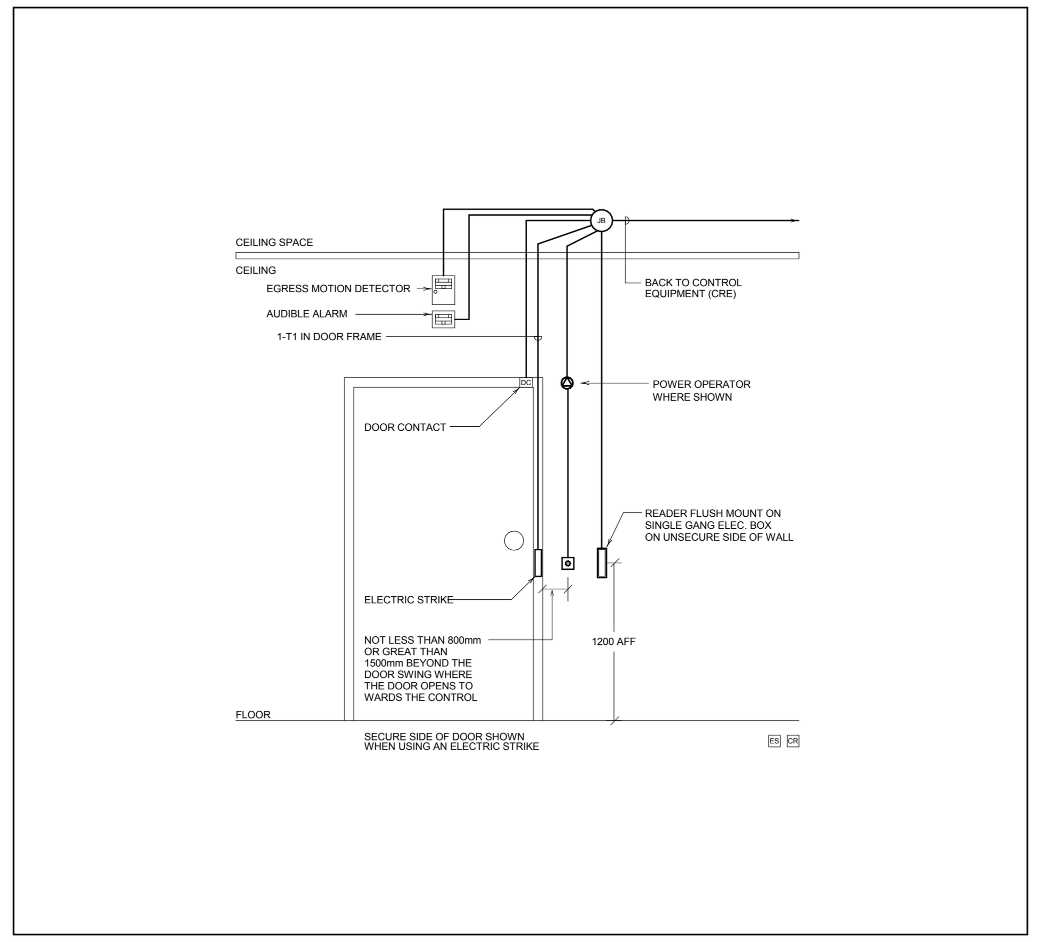
3 TYPICAL SUITE SECURITY SYSTEM (ARTSCAPE)
N.T.S



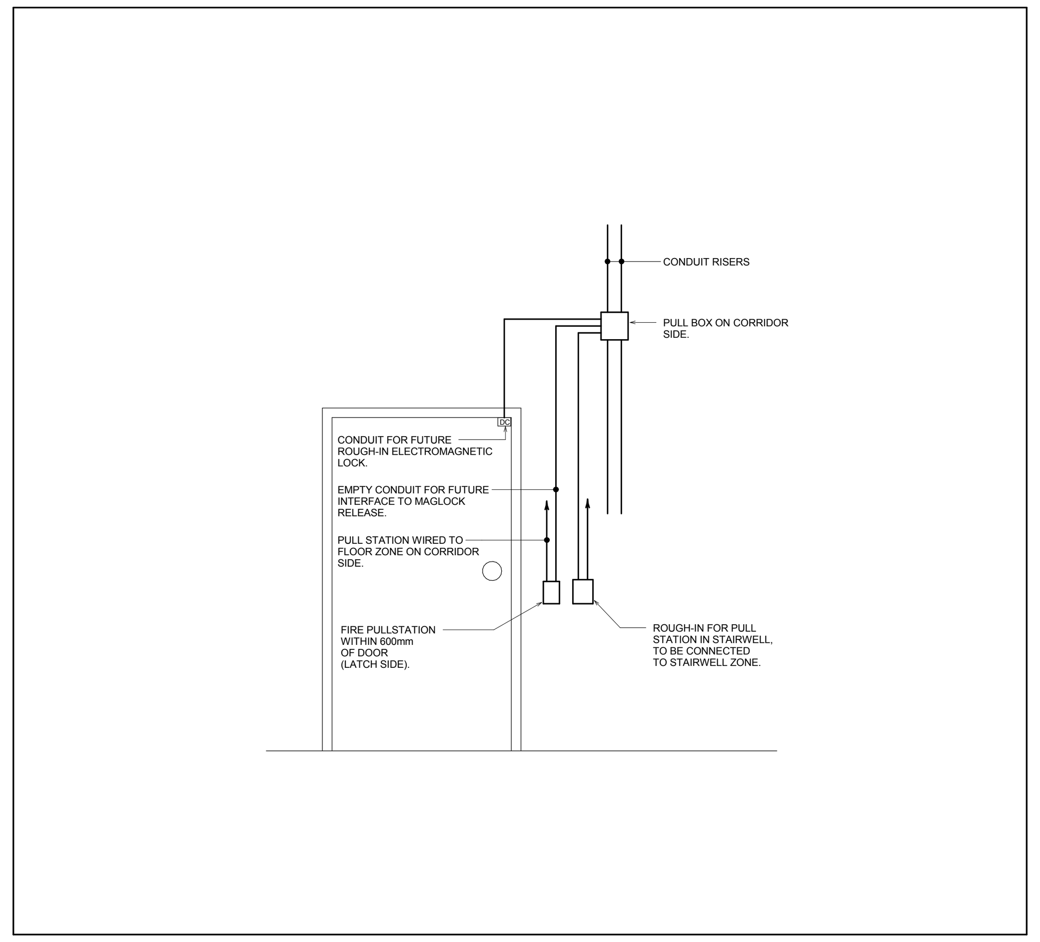
2 TYPICAL SUITE MASTER SWITCH DETAILS (ARTSCAPE)
N.T.S



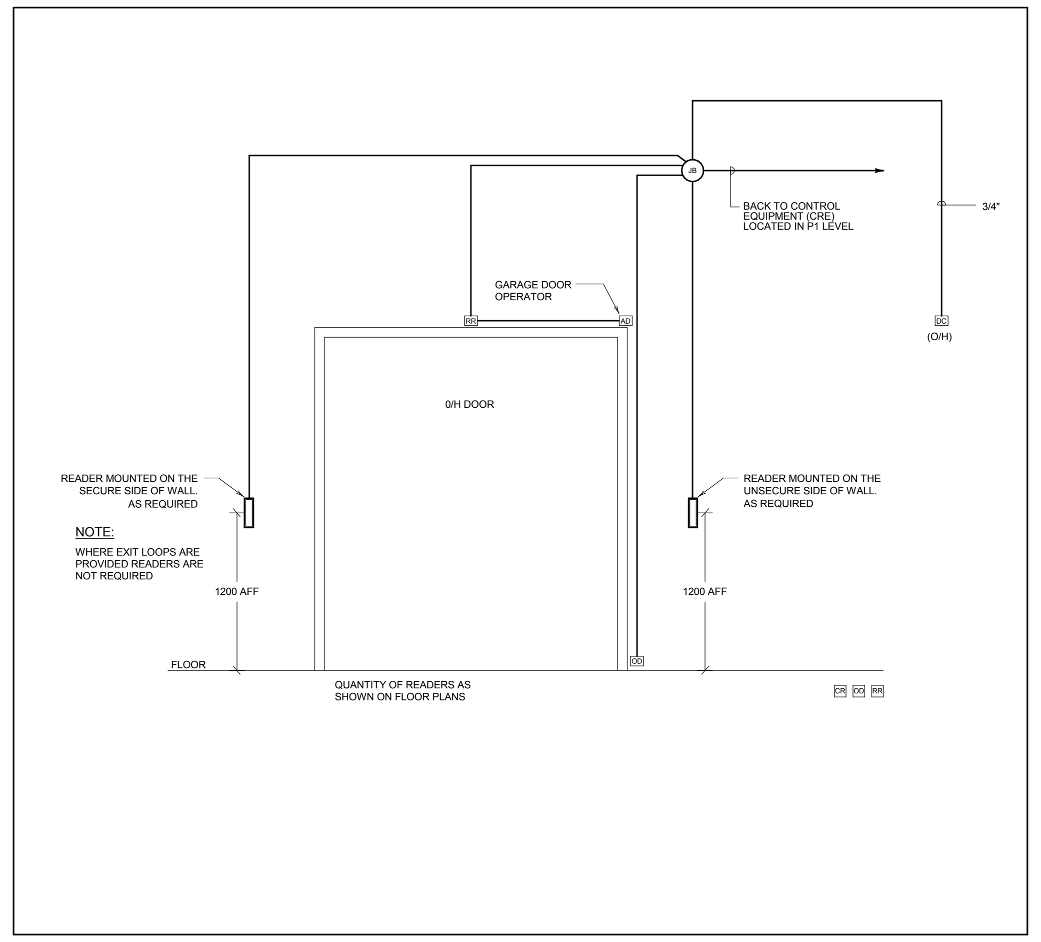
11 SECURED SINGLE DOOR WITH DOOR CONTACT
N.T.S



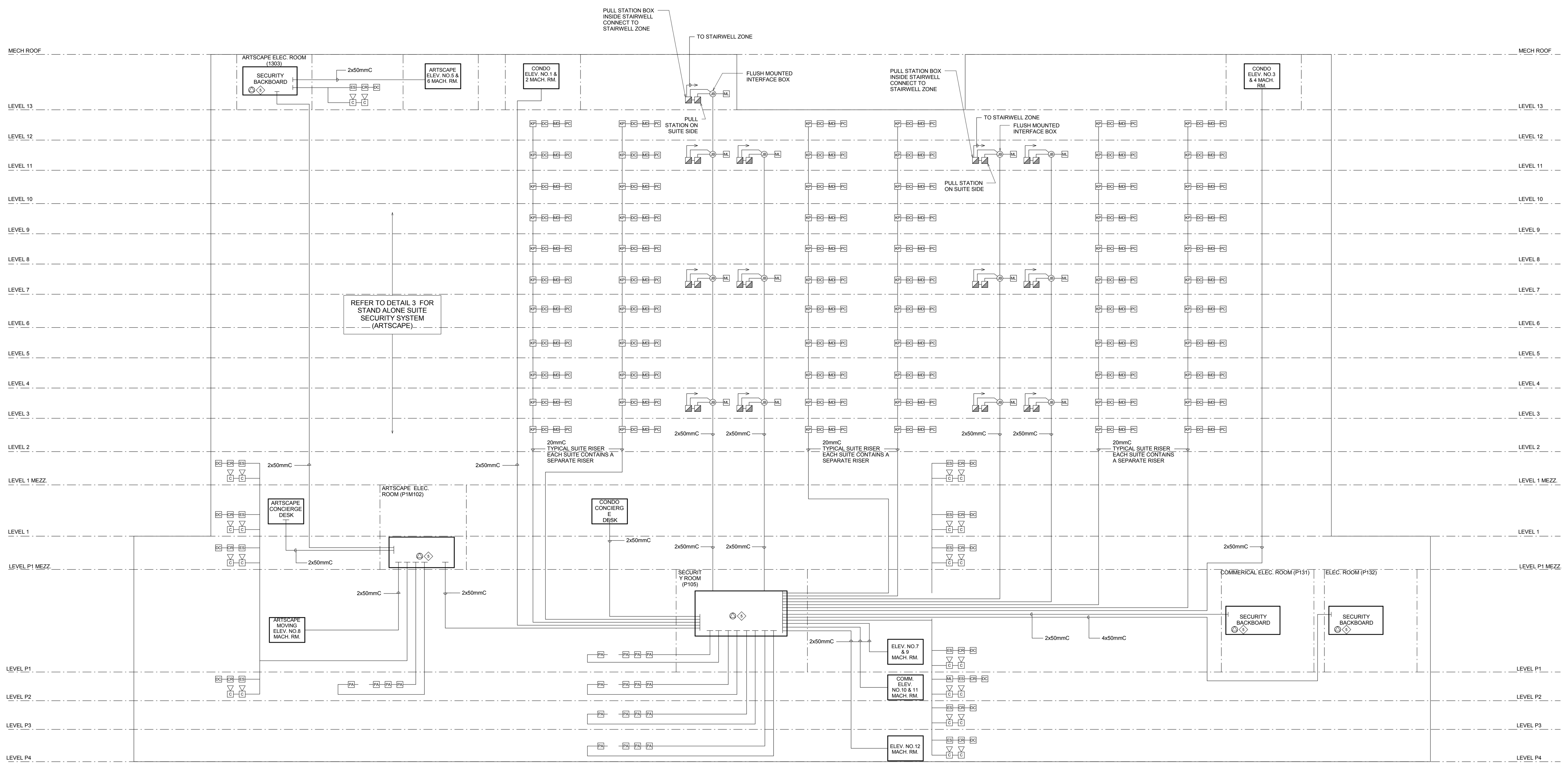
8 SECURED SINGLE DOOR WITH ELECTRIC STRIKE
N.T.S



10 ROUGH-IN REQUIREMENTS AT CROSS-OVER DOOR LOCATION
N.T.S



7 SECURED OVERHEAD GARAGE DOOR
N.T.S



NOTES:

1. SEE FLOOR PLANS FOR EXACT QUANTITIES OF DEVICES.
2. ALL CONDUITS SHALL BE 20mmC UNLESS OTHERWISE NOTED.
3. RUN RISERS VERTICALLY THROUGH SUITES.
4. ALL SECURITY DEVICES AND CABLING SHALL BE PROVIDED BY THE SECURITY CONTRACTOR. DIV 16 TO PROVIDE ALL ROUGH-IN AND COORDINATE WITH THE SECURITY CONTRACTOR.

(5) PROVIDE POWER BOOSTERS ON EMERGENCY CIRCUIT, SEE FLOOR PLAN FOR CIRCUIT NUMBER.

CARD READER SYSTEM RISER

NOTES:

1. PROVIDE 120V CIRCUIT IN OCTAGON BOX ON EMERGENCY AT EACH C.R.E.
2. REFER TO FLOOR PLAN FOR DEVICES AND DOOR ROUGH-IN DETAILS FOR ROUGH-IN REQUIREMENTS.
3. PROVIDE INDIVIDUAL RELEASE PUSHBUTTONS FOR:
   - VESTIBULE DOOR
   - O/H DOOR FOR PARKING GARAGE
   - O/H DOOR FOR LOADING SPACE
   - P1 PARKING DOOR
   - RELEASE OF READERS IN ELEVATOR

   PROVIDE ALL SWITCHES IN A COMMON PANEL PROPERLY LABELLED AND MOUNTED ON THE CONCIERGE DESK.

INTERCOM SYSTEM RISER

NOTES:

1. SIZE CONDUIT TO MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE SEPARATE BREAKER AND LOCK OFF FOR TRANSFORMER ON EMERGENCY POWER.

WIRELESS PANIC ALARM SYSTEM RISER

NOTES:

1. 20mm CONDUIT UNLESS NOTED.
2. REFER TO FLOOR PLAN FOR LOCATION.

CAMERAS

NOTES:

1. ELEVATOR TRAVELER CABLE BY ELEVATOR COMPANY.
2. PROVIDE 110V EMERGENCY CIRCUITS ON EACH POWER SUPPLY (PS).
3. PROVIDE ALL OUTLETS AT FRONT DESK (MINIMUM 8) ON SEPARATE EMERGENCY CIRCUITS.
4. CONDUIT REQUIREMENTS:
   RUN: 1-20mmC FOR ONE CAMERA
   : 1-25mmC FOR TWO CAMERAS
   : 1-32mmC FOR THREE CAMERAS

SUMP PUMP ALARM

1. RUN 1-20mm CONDUIT FROM SUMP PUMP CONTROLLER TO NEAREST SECURITY ROOM FOR HIGH FLOAT ALARM REQUIREMENTS: REFER TO DRAWING E1-01 FOR SUMP PUMP CONTROLLER LOCATIONS. COORDINATE WITH SECURITY CONTRACTOR FOR EXACT CONDUIT REQUIREMENT.

1 SECURITY RISER DIAGRAM
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No.:	Revision	Date
1	ISSUED FOR CONSTRUCTION	2016/04/21
2	ISSUED FOR SI-E006	2016/11/16
3	ISSUED FOR SI-E021	2017/05/24
4	ISSUED FOR SI-E024	2017/06/08

No	Issued For	Date
6		
5		
4		
3	BUILDING PERMIT RESUBMISSION	2017-04-25
2	ISSUED FOR CONSTRUCTION	2016-04-21
1	ISSUED FOR TENDER	2015-10-30

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
SECURITY RISER DIAGRAM & DETAILS

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

Scale: N.T.S
Drawn by: Author
Checked by: Checker
Project No.: 8489D
Date: 03/09/15
Drawing No.: E4-06