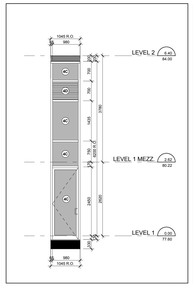
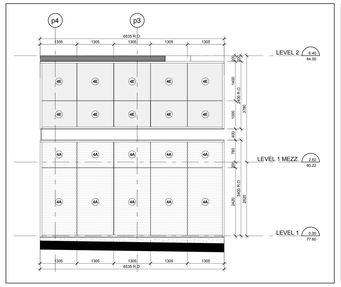
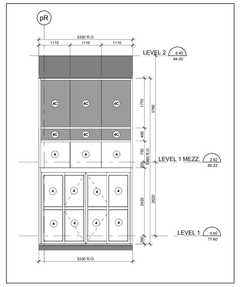
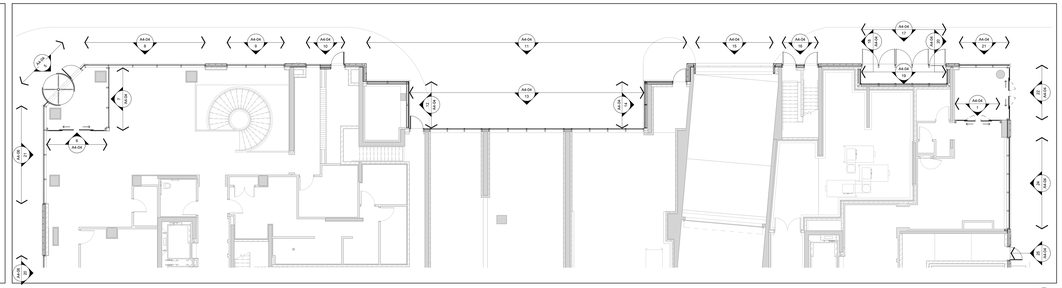


East Elevation - Part 4 (25 / A4-04)
Scale: 1 : 50



East Elevation - Part 3 (24 / A4-04)
Scale: 1 : 50





Window Schedule Partial Floor Plan - Level 1 (4 / A4-04)
Scale: 1 : 100

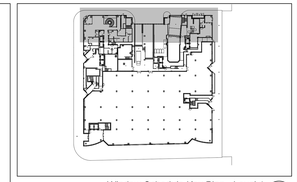
TYPICAL WINDOW SCHEDULE NOTES:

1. ADD 15MM CALKING ALLOWANCE ON ONE OR BOTH SIDES OF WINDOW OPENING.
2. CO-ORDINATE CLOSER LOCATIONS WITH ARCHITECTURAL DRAWINGS.
3. CO-ORDINATE LOUVER LOCATIONS WITH MECHANICAL DRAWINGS.
4. CO-ORDINATE ELECTRICAL OUTLETS WITH ARCHITECTURAL DRAWINGS.
5. CO-ORDINATE BALCONY/TERRACE ELECTRICAL OUTLETS WITH ELECTRICAL DRAWINGS.

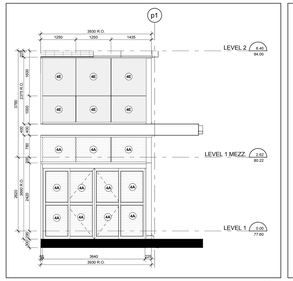
GEC REQUIREMENTS

9.7.2. WINDOW STANDARDS
9.7.2.1. WINDOW STANDARD
(1) WINDOWS SHALL CONFORM TO:
(a) CAN/CSA-A440 "WINDOWS", OR
(b) THE CSA/CSA-A440.1 "USER SELECTION GUIDE TO CSA STANDARD CAN/CSA-A440-00 WINDOWS".
9.7.2.10. GLASS
9.7.2.10.1. GLASS STANDARDS
(1) GLASS SHALL CONFORM TO:
(a) CAN/CGSB-12.1-M90 TYPE 23 "OR LAMINATED SAFETY GLASS",
(b) CAN/CGSB-12.2-M. "FLAT, CLEAR SHEET GLASS",
(c) CAN/CGSB-12.3-M. "FLOAT GLASS", OR
(d) CAN/CGSB-12.4-M. "HEAT ABSORBING GLASS",
(e) CAN/CGSB-12.8. "INSULATING GLASS UNITS",
(f) CAN/CGSB-12.10-M. "GLAZING GLASS ARCHITECTS",
(g) CAN/CGSB-12.11-M. "WIRED SAFETY GLASS", OR
(h) ASTM E2190. "INSULATING GLASS UNIT PERFORMANCE AND EVALUATION".
9.7.2.10.2. GLAZING STANDARDS
(1) GLASS IN WINDOWS, SLOPED GLAZING AND SKYLIGHTS SHALL BE DESIGNED IN CONFORMANCE WITH CAN/CGSB-12.20-M, "STRUCTURAL DESIGN OF GLASS FOR BUILDINGS".
9.7.4. SEALING COMPOUND
9.7.4.1. SEALING COMPOUND
(1) THE SEALING COMPOUND USED TO SEAL THE GLASS COMPONENT OF A FACTORY SEALED DOUBLE GLAZED UNIT TO THE SASH CMBPONENT SHALL BE COMPATIBLE WITH THE MATERIAL USED TO EDGE SEAL THE GLASS COMPONENT.

9.7.6. WINDOWS ABOVE THE SECOND STOREY
(1) WINDOWS ABOVE THE SECOND STOREY TO LESS THAN 1.000 MM FROM THE FLOOR AND ARE LOCATED ABOVE THE SECOND STOREY IN BUILDINGS OF RESIDENTIAL OCCUPANCY SHALL BE:
(a) FITTED WITH GUARDS CONFORMING TO SENTENCES (2) TO (4) OF SUBSECTION 9.8.8., OR
(b) NON-OPENABLE AND DESIGNED TO WITHSTAND THE LATERAL DESIGN LOADS FOR GUARDS AS PROVIDED IN ARTICLES 4.1.5.15. OF DIV. B.
9.7.8. RESISTANCE TO FORCED ENTRY
9.7.8.1. FORCED ENTRY THROUGH WINDOWS
(1) WINDOWS, INCLUDING THEIR FRAMES, OF WHICH IS LOCATED WITHIN 2.000 MM OF ADJACENT GROUND LEVEL, SHALL:
(a) CONFORM TO THE REQUIREMENTS FOR RESISTANCE TO FORCED ENTRY AS DESCRIBED IN CLAUSE 10.13 OF CAN/CSA-A440.M. "WINDOWS".
9.8.8.1. SCOPE OF GUARDS
(1) EXCEPT AS PROVIDED IN SENTENCES (2) AND (3), EVERY SURFACE TO WHICH ACCESS IS PROVIDED FOR OTHER THAN MAINTENANCE PURPOSES, INCLUDING BUT NOT LIMITED TO FLIGHTS OF STEPS AND RAMPS, EXTERIOR LANDINGS, PORCHES, BALCONIES, GALLERIES AND RAMPS, SHALL BE PROTECTED BY A GUARD ON EACH SIDE THAT IS EXPOSED TO A VERTICAL DISTANCE OF 600 MM OR MORE.
(2) THERE IS A DIFFERENCE IN ELEVATION OF MORE THAN 600 MM BETWEEN THE WALKING SURFACE AND THE ADJACENT SURFACE, OR
(3) THE ADJACENT SURFACE WITHIN 1.2 M FROM THE WALKING SURFACE HAS A SLOPE OF MORE THAN 1 IN 2.
9.8.8.2. HEIGHT OF GUARDS
(1) AT GARAGE DOORS,
(2) AT FLOOR PITS IN REPAIR GARAGES, OR
(3) AT PITS IN PARKING GARAGES FOR MAINTENANCE PURPOSES ONLY.
(4) WHERE AN INTERIOR STAIR HAS MORE THAN 2 RISERS OR AN INTERIOR RAMP RISES MORE THAN 400 MM, THE SIDES OF THE STAIR OR RAMP AND THE LANDING OR FLOOR LEVEL AROUND THE STAIRWELL OR RAMP SHALL BE PROTECTED BY A GUARD ON EACH SIDE THAT IS EXPOSED TO A DROP.
9.8.8.3. HEIGHT OF GUARDS
(1) EXCEPT AS PROVIDED IN SENTENCES (2) TO (4), ALL GUARDS SHALL BE NOT LESS THAN 1.070 MM HIGH.
(2) WHERE THE WALKING SURFACE IS NOT MORE THAN 1.800 MM ABOVE THE GROUND,
(3) EXTERIOR GUARDS SERVING NOT MORE THAN ONE DWELLING UNIT SHALL BE NOT LESS THAN 900 MM HIGH WHERE THE WALKING SURFACE SERVED BY THE GUARD IS NOT MORE THAN 1.800 MM ABOVE THE FINISHED GROUND LEVEL,
(4) EXTERIOR GUARDS SERVING NOT MORE THAN ONE DWELLING UNIT SHALL BE NOT LESS THAN 800 MM HIGH WHERE THE WALKING SURFACE SERVED BY THE GUARD IS NOT MORE THAN 1.800 MM ABOVE THE FINISHED GROUND LEVEL,
(5) THE HEIGHT OF GUARDS FOR FLIGHTS OF STEPS SHALL BE MEASURED VERTICALLY FROM A LINE DRAWN THROUGH THE LEADING EDGE OF THE TREADS SERVED BY THE GUARD.
9.8.8.4. GUARD CONSTRUCTION
(1) A GUARD SHALL BE:
(a) SAFETY GLASS OF THE LAMINATED OR TEMPERED TYPE CONFORMING TO CAN/CGSB-12.1-M. "TEMPERED OR LAMINATED SAFETY GLASS",
OR
(b) WIRED GLASS CONFORMING TO CAN/CGSB-12.11-M. "WIRED SAFETY GLASS",
9.8.8.5. GUARDS ADJACENT TO WINDOWS
(1) EXCEPT AS PROVIDED IN SENTENCES (2) AND (3), WINDOWS AND ALL GLAZING THAT SEPARATES HEATED SPACE FROM UNHEATED SPACE OR THE EXTERIOR SHALL CONFORM TO ARTICLES 12.2.2. AND 12.3.2. B
(2) WHERE THE WALKING SURFACE SERVED BY THE GUARD IS NOT MORE THAN 1.800 MM ABOVE THE GROUND, INCLUDING GLAZING FOR DOORS AND SKYLIGHTS, THAT SEPARATES HEATED SPACE FROM UNHEATED SPACE OR THE EXTERIOR SHALL NOT EXCEED 20 PER CENT OF THE FLOOR AREA OF THE STOREY SERVED BY THE GLAZED AREAS AND SHALL NOT EXCEED 40 PER CENT OF THE TOTAL AREA OF THE SHALLOF THAT STOREY SERVED BY THE GLAZED AREAS AND SHALL NOT EXCEED 40 PER CENT OF THE TOTAL AREA OF THE SHALLOF THAT STOREY SPACE PORTION OF THE WALL IS CALCULATED AS ITS PROJECTED AREA ON A VERTICAL PLANE.
(3) WHERE THE THERMAL RESISTANCE OF GLAZING IS DIFFERENT FROM THAT REQUIRED IN SENTENCE (1) AND ARTICLE 12.3.1.10, THE AREA OF GLAZING PERMITTED IN SENTENCE (2) SHALL BE MODIFIED BY MULTIPLYING THE AREA OF GLAZING BY THE RATIO OF THE RESISTANCE OF THE GLAZING THE RATIO OF THE REQUIRED THERMAL RESISTANCE DIVIDED BY THE ACTUAL THERMAL RESISTANCE OF THE GLAZING.
(4) WHERE THE SHADING COEFFICIENT OF GLAZING IS DIFFERENT FROM THAT REQUIRED IN SENTENCE (1) AND ARTICLE 12.3.1.10, THE SHADING COEFFICIENT OF MORE THAN 0.75 THAT IS UNSHADED IN THE WINTER AND FACES A DIRECTION WITHIN 45° OF DUE SOUTH MAY BE ASSUMED TO BE 50 PERCENT OF THE AREA OF GLAZING THAT IS SHADED IN THE WINTER AND FACES A DIRECTION WITHIN 45° OF DUE SOUTH MAY BE ASSUMED TO BE 50 PERCENT WITH A SYSTEM THAT IS CAPABLE OF DISTRIBUTING THE SOLAR HEAT GAIN FROM SUCH GLAZED AREAS THROUGHOUT THE BUILDING FOR THE PURPOSE OF DETERMINING WHETHER OR NOT THE GLAZING IS SHADED IN THE WINTER, THE SHADING SHALL BE CALCULATED USING THE NOON SUN ANGLES OF JUNE 21.
(5) SENTENCE (4) SHALL NOT APPLY WHERE THE BUILDING IS DESIGNED TO BE COOLED UNLESS THE GLAZING DESCRIBED IN SENTENCE (4) IS SHADED IN THE SUMMER WITH EXTERIOR DEVICES. FOR THE PURPOSE OF DETERMINING WHETHER OR NOT THE GLAZING IS SHADED IN THE SUMMER, THE SHADING SHALL BE CALCULATED USING THE NOON SUN ANGLES OF JUNE 21.
9.13.3.2. WINDOWS
(1) WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE OR THE EXTERIOR SHALL BE DESIGNED TO LIMIT THE RATE OF AIR LEAKAGE THROUGH EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS UNDER SPECIFIED PRESSURE DIFFERENCES ACROSS THE SPECIMEN WHEN TESTED IN CONFORMANCE WITH SENTENCE (2).
(2) WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE OR THE EXTERIOR SHALL BE DESIGNED TO LIMIT AIR INFILTRATION TO NOT MORE THAN 2.0 L/S FOR EACH SQUARE METRE OF DOOR AREA WHEN TESTED IN CONFORMANCE WITH SENTENCE (1).
(3) WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE OR ALL EDGES AND PROTECTED WITH A STORM DOOR OR BY AN ENCLOSED UNHEATED SPACE, EXTERIOR SWING TYPE DOOR ASSEMBLIES FOR DWELLING UNITS, INDIVIDUALLY RENTED HOTEL ROOMS AND SUITES SHALL BE DESIGNED TO LIMIT THE RATE OF AIR INFILTRATION TO NOT MORE THAN 6.35 L/S FOR EACH SQUARE METRE OF DOOR AREA WHEN TESTED IN CONFORMANCE WITH SENTENCE (1).
(4) DOOR ASSEMBLIES OTHER THAN THOSE DESCRIBED IN SENTENCES (2) AND (3), THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE OR THE EXTERIOR SHALL BE DESIGNED TO LIMIT THE RATE OF AIR INFILTRATION TO NOT MORE THAN 11.0 L/S FOR EACH METRE OF DOOR SEAL WHEN TESTED IN CONFORMANCE WITH SENTENCE (1).
(5) CAULKING MATERIAL TO REDUCE AIR INFILTRATION SHALL CONFORM TO THE REQUIREMENTS IN SUBSECTION 9.27.4.
(6) WHERE THERE IS A POSSIBILITY OF AIR LEAKAGE INTO HEATED SPACES IN A BUILDING THROUGH THE EXTERIOR WALLS, SUCH AS AT UTILITY SERVICE ENTRANCES, THE ENTRANCES SHALL BE SEALED TO LIMIT THE RATE OF AIR LEAKAGE.
(7) AIR LEAKAGE BETWEEN HEATED SPACE AND ADJACENT ROOF OR ATTIC SPACE CAUSED BY THE PENETRATION OF SERVICES SHALL BE RESTRICTED IN CONFORMANCE WITH THE REQUIREMENTS OF SUBSECTION 9.25.3.



Window Schedule Key Plan - Level 1 (2 / A4-04)
NTS



East Elevation - Part 1 (22 / A4-04)
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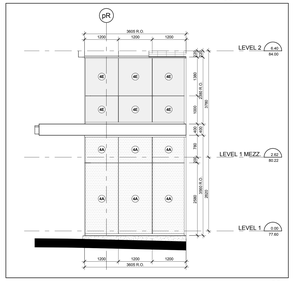
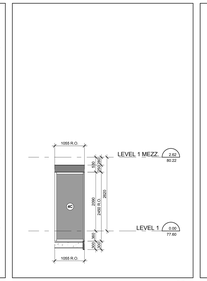


North Elevation - Part 17 (21 / A4-04)
Scale: 1 : 50



North Elevation - Part 16 (20 / A4-04)
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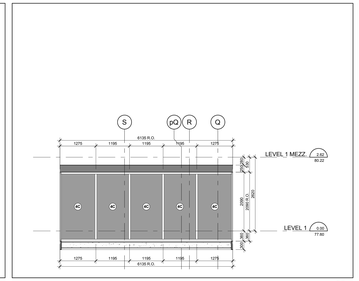

North Elevation - Part 15 (19 / A4-04)
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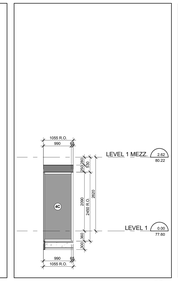

North Elevation - Part 14 (18 / A4-04)
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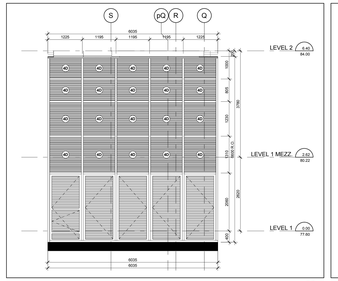

North Elevation - Part 13 (17 / A4-04)
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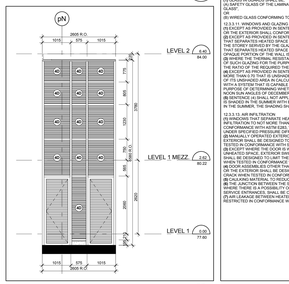


North Elevation - Part 12 (16 / A4-04)
Scale: 1 : 50

WINDOW SCHEDULE LEGEND

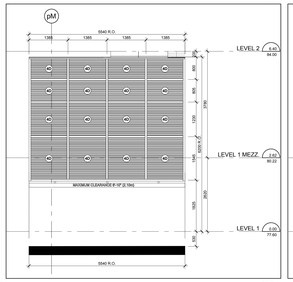
13148 - AQUAVISTA
UPDATED: AUGUST 24, 2015

3	**PREFINISHED ALUMINUM WINDOW WALL: VISION PANEL**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG DURACRON K1088 WHITE GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN34 ON SURFACE 2
3A	**PREFINISHED ALUMINUM WINDOW WALL: VISION PANEL FRIT PATTERN**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG DURACRON K1088 WHITE GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN34 ON SURFACE 2 WHITE FRIT 36MM DIAMETER DOTS IN 102M SQUARE PATTERN ON SURFACE 3
3B	**PREFINISHED ALUMINUM WINDOW WALL: OPERABLE AWNING**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG DURACRON K1088 WHITE GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN34 ON SURFACE 2
3C	**PREFINISHED ALUMINUM WINDOW WALL: OPERABLE AWNING FRIT PATTERN**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG DURACRON K1088 WHITE GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN34 ON SURFACE 2 WHITE FRIT 36MM DIAMETER DOTS IN 102M SQUARE PATTERN ON SURFACE 3
3D	**PREFINISHED ALUMINUM WINDOW WALL: GLASS SPANDREL PANEL**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG DURACRON K1088 WHITE GLASS TYPE: CLEAR FLOAT COLOUR: SOLID FRIT VIRACON SUBDUED GRAY VISO ON SURFACE 2
3E	**PREFINISHED ALUMINUM WINDOW WALL: METAL SPANDREL PANEL**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG DURACRON K1088 WHITE METAL PANEL: PPG UC752-M7 DURANAR GREY VELVET
3F	**PREFINISHED ALUMINUM WINDOW WALL: METAL LOUVER**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG DURACRON K1088 WHITE METAL LOUVER: PPG UC752-M7 DURANAR GREY VELVET
3G	**PREFINISHED ALUMINUM WINDOW WALL: METAL SLAB COVER**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG DURACRON K1088 WHITE SLAB COVER: PPG UC1607SM1 DURANAR AL STEEL SILVER CITY
4	**PREFINISHED STOREFRONT CURTAINWALL: VISION PANEL (GROUND FLOOR)**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG UC752-M7 DURANAR GREY VELVET GLASS TYPE: CLEAR FLOAT COLOUR: SOLID FRIT WARM GREY ON SURFACE 4
4A	**PREFINISHED STOREFRONT CURTAINWALL: VISION PANEL FRIT PATTERN (GROUND FLOOR)**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG UC752-M7 DURANAR GREY VELVET GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN34 ON SURFACE 2 WHITE FRIT 36MM DIAMETER DOTS IN 102M SQUARE PATTERN ON SURFACE 3
4B	**PREFINISHED STOREFRONT CURTAINWALL: SHADOW BOX (GROUND FLOOR)**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG UC752-M7 DURANAR GREY VELVET GLASS TYPE: CLEAR INNER & OUTER LITE, SOLID FRIT VIRACON SUBDUED GRAY ON SURFACE 4
4C	**PREFINISHED STOREFRONT CURTAINWALL: GLASS SPANDREL PANEL (GROUND FLOOR)**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG UC752-M7 DURANAR GREY VELVET GLASS TYPE: CLEAR FLOAT COLOUR: SOLID FRIT WARM GREY ON SURFACE 4
4D	**PREFINISHED STOREFRONT CURTAINWALL: METAL LOUVER (GROUND FLOOR)**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG UC752-M7 DURANAR GREY VELVET METAL LOUVER: PPG UC752-M7 DURANAR GREY VELVET
4E	**PREFINISHED STOREFRONT CURTAINWALL: METAL SPANDREL PANEL (GROUND FLOOR)**	ALUM. COLOUR: EXTERIOR - PPG UC752-M7 DURANAR GREY VELVET INTERIOR - PPG UC752-M7 DURANAR GREY VELVET METAL PANEL: PPG UC752-M7 DURANAR GREY VELVET

LEGEND

BBQ	BBQ GAS CONNECTION - REFER TO MECHANICAL DRAWINGS
NFHB	NON-FREEZE HOSE BIBB - REFER TO MECHANICAL DRAWINGS
WDR	WEATHERPROOF DUPLEX RECEPTACLE - REFER TO ELECTRICAL DRAWINGS
LF	LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
TG	TEMPERED GLASS

Typical Window Schedule Notes (3 / A4-04)
NTS



North Elevation - Part 11 (15 / A4-04)
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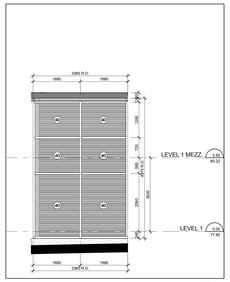
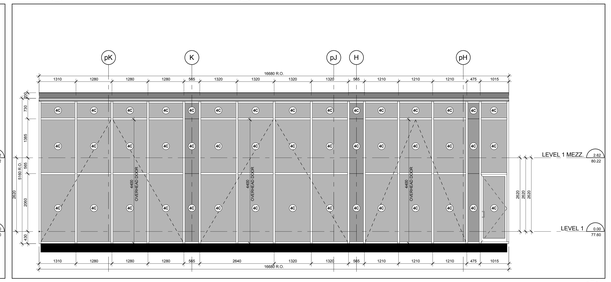
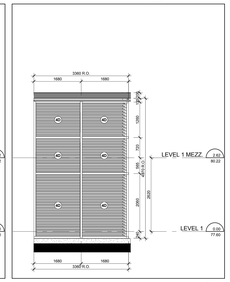


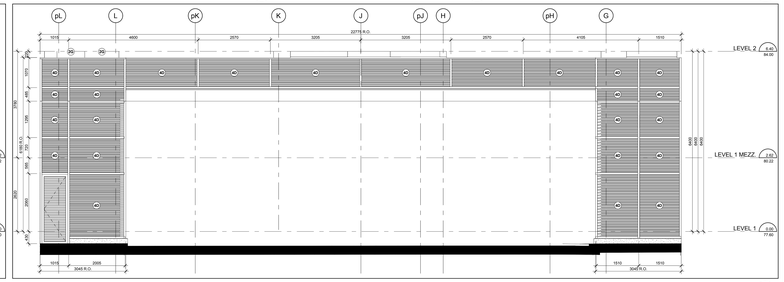
North Elevation - Part 10 (14 / A4-04)
Scale: 1 : 50



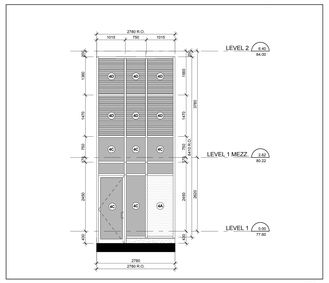
North Elevation - Part 9 (13 / A4-04)
Scale: 1 : 50



North Elevation - Part 8 (12 / A4-04)
Scale: 1 : 50



North Elevation - Part 7 (11 / A4-04)
Scale: 1 : 50



North Elevation - Part 6 (10 / A4-04)
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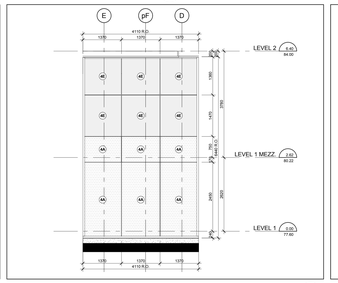

North Elevation - Part 5 (9 / A4-04)
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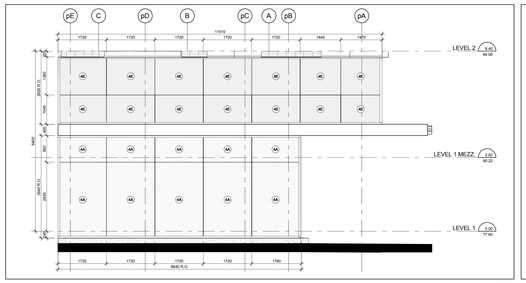
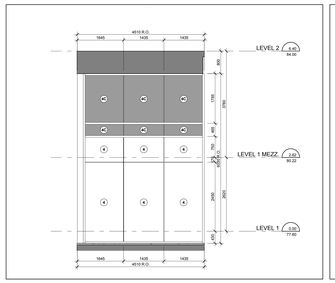
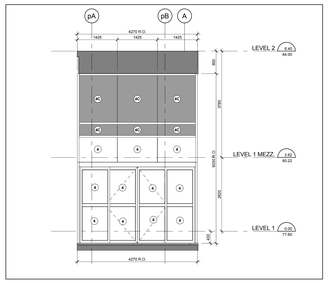


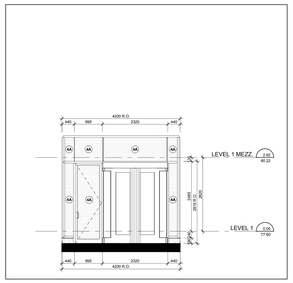
North Elevation - Part 4 (8 / A4-04)
Scale: 1 : 50



North Elevation - Part 3 (7 / A4-04)
Scale: 1 : 50



North Elevation - Part 2 (6 / A4-04)
Scale: 1 : 50



North Elevation - Part 1 (5 / A4-04)
Scale: 1 : 50

Window Schedule Legend (1 / A4-04)
NTS

Contractor Must Check And Verify All Dimensions On The Job.
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TORONTO ONTARIO CANADA ASSOCIATE ARCHITECT
SEAL MUST BE SIGNED TO BE VALID
Tender

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No.	Revision	Date

No.	Issued For	Date
1	Tender	Oct. 15, 2015

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
Window Schedule - Level 1 - North & East Elevation

Project
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
263 Queens Quay East
Toronto, ON

Scale: As indicated
Drawn by: E.V. / M.M.
Checked by: C.A.
Project No.: 13148
Date: October 15, 2015
Drawing No.: A4-04