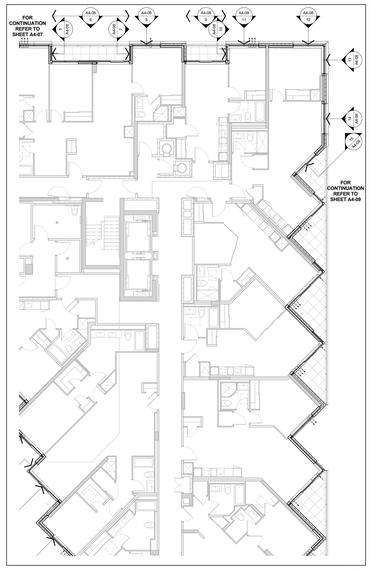

Window Schedule Partial Floor Plan - Level 2 4 A4-08
Scale: 1 : 100

TYPICAL WINDOW SCHEDULE NOTES:

1. ADD 10MM CAULKING ALLOWANCE ON ONE OR BOTH SIDES OF WINDOW OPENING.
2. ADD 10MM CAULKING ALLOWANCE ON ONE OR BOTH SIDES OF WINDOW.
3. CO-ORDINATE LOUVER LOCATIONS WITH MECHANICAL DRAWINGS.
4. CO-ORDINATE BALCONY/TERRACE ELECTRICAL OUTLETS WITH ELECTRICAL DRAWINGS.
5. CO-ORDINATE BALCONY/TERRACE ELECTRICAL OUTLETS WITH ELECTRICAL DRAWINGS.

OBC REQUIREMENTS

9.7.2. WINDOW STANDARDS
9.7.2.1. WINDOW STANDARD
(5) WINDOWS SHALL CONFORM TO:
(a) CAN/CSA-A440 SERIES-08,
(b) THE CAN/CSA-A440.1 "USER SELECTION GUIDE TO CSA STANDARD CAN/CSA-A440-00 WINDOWS".
9.7.3. GLASS
9.7.3.1. GLAZING STANDARDS
(1) GLASS SHALL CONFORM TO:
(a) CAN/CGSB-12.1-M, TYPE 51, OR LAMINATED SAFETY GLASS",
(b) CAN/CGSB-12.3-M, "FLAT, CLEAR SHEET GLASS",
(c) CAN/CGSB-12.4-M, "FLAT, TINTED SHEET GLASS",
(d) CAN/CGSB-12.5-M, "FLAT, REFLECTIVE GLASS",
(e) CAN/CGSB-12.8, "INSULATING GLASS UNITS",
(f) CAN/CGSB-12.11-M, "WIRED GLASS, PATTERNED/REFLECTING",
(g) CAN/CGSB-12.1-M, "WIRED SAFETY GLASS", OR
(h) ASTM E2190, "INSULATING GLASS UNIT PERFORMANCE AND EVALUATION".
(2) GLASS SHALL BE SUPPORTED BY:
(3) GLASS IN WINDOWS, SLOPED GLAZING AND SKYLIGHTS SHALL BE DESIGNED IN CONFORMANCE WITH CAN/CSB-12.20-M, "STRUCTURAL DESIGN OF GLASS FOR BUILDINGS".
9.7.3.2. GLAZING IN DOORS
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 COMPONENT SHALL BE COMPATIBLE WITH THE MATERIAL USED TO EDGE SEAL THE SLASH COMPONENT.

9.7.5.4. WINDOWS ABOVE THE SECOND STOREY
(1) WINDOWS ABOVE THE SECOND STOREY IN DWELLINGS THAT ARE NOT LESS THAN 1.000 MM FROM THE FLOOR AND ARE LOCATED ABOVE THE SECOND STOREY IN BUILDINGS OF RESIDENTIAL OCCUPANCY SHALL BE:
(a) DESIGNED TO WITHSTAND THE LATERAL DESIGN LOADS FOR GUARDS AS PROVIDED IN ARTICLE 4.1.5.14., OR
(b) NON-OPENABLE AND DESIGNED TO WITHSTAND THE LATERAL DESIGN LOADS FOR GUARDS AS PROVIDED IN ARTICLES 4.1.5.15. AND 4.1.5.16.
9.7.6. RESISTANCE TO FORCED ENTRY
9.7.6.1. FORCED ENTRY THROUGH WINDOWS
(1) WINDOWS, EXCEPT FOR WINDOWS THAT ARE 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. REQUIRED 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 CONSTRUCTED SO THAT THERE IS NO:
(a) THERE IS A DIFFERENCE IN ELEVATION OF MORE THAN 600 MM BETWEEN THE WALKING SURFACE AND THE ADJACENT SURFACE, OR
(b) THE ADJACENT SURFACE WITHIN 1.2 M FROM THE WALKING SURFACE HAS A SLOPE OF MORE THAN 1 IN 2.
(2) AT ENTRANCE DOORS,
(3) AT LOADING DOCKS,
(4) AT FLOOR PITS IN REPAIR GARAGES, OR
(5) AT PITS IN PARKING GARAGES FOR MAINTENANCE PURPOSES ONLY.
(6) WHEN 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 NOT LESS THAN 1.100 M HIGH.
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) EXTERIOR GUARDS SERVING NOT MORE THAN ONE DWELLING UNIT SHALL BE NOT LESS THAN 980 MM HIGH WHERE THE WALKING SURFACE SERVED BY THE GUARD IS NOT MORE THAN 1.800 MM ABOVE THE FINISHED GROUND LEVEL.
(3) EXTERIOR GUARDS SERVING NOT MORE THAN ONE DWELLING UNIT SHALL BE NOT LESS THAN 1.200 M HIGH WHERE THE WALKING SURFACE SERVED BY THE GUARD IS MORE THAN 1.800 MM ABOVE THE FINISHED GROUND LEVEL.
(4) 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.
9.9.1. GLASS IN GUARDS
(1) GLASS IN GUARDS 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".

12.3.3.1. WINDOWS AND GLAZING
(5) 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 12.3.2.6. AND 12.3.2.9.
(6) EXCEPT AS PROVIDED IN SENTENCES (2) AND (3), ALL GLAZING, 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 WALLS OF THAT STOREY THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE OR THE EXTERIOR, WHERE THE GLAZING SHALL BE THE AREA OF THE OPAQUE PORTION OF THE WALL IS CALCULATED AS ITS PROJECTED AREA ON A VERTICAL PLANE.
(7) WHERE THE THERMAL RESISTANCE OF GLAZING IS DIFFERENT FROM THAT REQUIRED IN SENTENCE (1) AND ARTICLE 12.3.1.1, THE AREA OF GLAZING PERMITTED BY SENTENCE (6) SHALL BE MODIFIED BY MULTIPLYING THE AREA OF GLAZING BY THE RATIO OF THE RESISTANCE OF THE RATIO OF THE REQUIRED THERMAL RESISTANCE DIVIDED BY THE ACTUAL THERMAL RESISTANCE OF THE GLAZING.
(8) EXCEPT AS PROVIDED IN SENTENCE (9), THE SOLAR HEAT GAIN THROUGH THE GLAZING SHALL BE LESS THAN THE PRODUCT OF 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 LESS THAN THE SOLAR HEAT GAIN FROM SUCH GLAZED AREAS THROUGHOUT THE BUILDING FOR THE PURPOSE OF DETERMINING WHETHER OR NOT 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 NON-SUN ANGLES OF JUNE 21.
(9) SENTENCE (8) SHALL NOT APPLY WHERE THE BUILDING IS DESIGNED TO BE COOLED UNLESS THE GLAZING DESCRIBED IN SENTENCE (8) 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 NON-SUN ANGLES OF JUNE 21.
12.3.3.2. AIR LEAKAGE
(1) WINDOWS AND THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE OR THE EXTERIOR SHALL BE DESIGNED TO LIMIT THE RATE OF AIR INFILTRATION TO NOT MORE THAN 0.25 L/S PER EACH SQUARE METRE OF DOOR AREA WHEN TESTED IN CONFORMANCE WITH SENTENCE (2).
(2) WINDOWS, EXTERIOR SWING TYPE DOOR ASSEMBLIES TO LIMIT AIR INFILTRATION TO NOT MORE THAN 2.0 L/S PER EACH SQUARE METRE OF DOOR AREA WHEN TESTED IN CONFORMANCE WITH SENTENCE (3).
(3) EXTERIOR SWING TYPE DOOR ASSEMBLIES TO BE EQUIPPED ON ALL EDGES AND PROTECTED WITH A STORM DOOR OR BY AN ENCLOSED UNHEATED SPACE, EXTERIOR SWING TYPE DOOR ASSEMBLIES FOR DWELLING UNITS, INDIVIDUALLY HEATED HOTEL ROOMS AND SUITES SHALL BE DESIGNED TO LIMIT THE RATE OF AIR INFILTRATION TO NOT MORE THAN 0.35 L/S FOR EACH SQUARE METRE OF DOOR AREA WHEN TESTED IN CONFORMANCE WITH SENTENCE (3).
(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 1.0 L/S FOR EACH METRE OF DOOR ASSEMBLY WHEN TESTED IN CONFORMANCE WITH SENTENCE (3).
(5) CAULKING MATERIAL TO REDUCE AIR INFILTRATION SHALL CONFORM TO THE REQUIREMENTS IN SUBSECTION 9.27.4.
(6) 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.
(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.

Typical Window Schedule Notes 3 A4-08
NTS

Window Schedule Key Plan - Level 2 2 A4-08
NTS

WINDOW SCHEDULE LEGEND

1348 - AQUAVISTA
UPDATED: FEBRUARY 16, 2016

3 PREFINISHED ALUMINUM WINDOW WALL: VISION PANEL
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 2

3A PREFINISHED ALUMINUM WINDOW WALL: VISION PANEL FRIT PATTERN
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 2
WHITE FRIT 5MM DIAMETER DOTS IN 10CM SQUARE PATTERN ON SURFACE 3

3B PREFINISHED ALUMINUM WINDOW WALL: OPERABLE AWNING
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 2

3C PREFINISHED ALUMINUM WINDOW WALL: OPERABLE AWNING FRIT PATTERN
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 2
WHITE FRIT 5MM DIAMETER DOTS IN 10CM SQUARE PATTERN ON SURFACE 3

3D PREFINISHED ALUMINUM WINDOW WALL: GLASS SPANDREL PANEL
GLASS TYPE: CLEAR FLOAT
COLOUR: SOLID FRIT VIRACON BUBBLED GRAY VIBS ON SURFACE 2

3E PREFINISHED ALUMINUM WINDOW WALL: METAL SPANDREL PANEL
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
METAL PANEL: PPG UC7610F DURANAR GREY VELVET

3F PREFINISHED ALUMINUM WINDOW WALL: METAL LOUVER
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
METAL LOUVER: PPG UC7610F DURANAR GREY VELVET

3G1 PREFINISHED ALUMINUM WINDOW WALL: METAL SLAB COVER - PROFILE 40x420mm
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
SLAB COVER: PPG UC1087SSL DURANAR XL STEEL SILVER CITY

3G2 PREFINISHED ALUMINUM WINDOW WALL: METAL SLAB COVER - PROFILE 195x420mm
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
SLAB COVER: PPG UC1087SSL DURANAR XL STEEL SILVER CITY

3G3 PREFINISHED ALUMINUM WINDOW WALL: METAL SLAB COVER - PROFILE 220x420mm
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
SLAB COVER: PPG UC1087SSL DURANAR XL STEEL SILVER CITY

3H PREFINISHED ALUMINUM WINDOW WALL: OPERABLE WINDOW - VISION PANEL
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 2

3J PREFINISHED ALUMINUM WINDOW WALL: OPERABLE WINDOW - GLASS SPANDREL PANEL
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
COLOUR: SOLID FRIT VIRACON BUBBLED GRAY VIBS ON SURFACE 2

3K PREFINISHED ALUMINUM WINDOW WALL: OPERABLE WINDOW - METAL LOUVER
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - #1200 DURACRON WHITE
METAL LOUVER: PPG UC7610F DURANAR GREY VELVET

4 PREFINISHED STOREFRONT CURTAINWALL: VISION PANEL (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - PPG UC7610F DURANAR GREY VELVET
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 2

4A PREFINISHED STOREFRONT CURTAINWALL: VISION PANEL FRIT PATTERN (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - PPG UC7610F DURANAR GREY VELVET
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 2
WHITE FRIT 5MM DIAMETER DOTS IN 10CM SQUARE PATTERN ON SURFACE 3

4B PREFINISHED STOREFRONT CURTAINWALL: SHADOW BOX (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - PPG UC7610F DURANAR GREY VELVET
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 2
COLOUR: WHITE COLOUR PAINT ON ALUMINUM PAN BEHIND SURFACE 3

4C PREFINISHED STOREFRONT CURTAINWALL: GLASS SPANDREL PANEL (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - PPG UC7610F DURANAR GREY VELVET
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 2
COLOUR: SOLID FRIT GREY VELVET ON SURFACE 4

4D PREFINISHED STOREFRONT CURTAINWALL: METAL LOUVER (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - PPG UC7610F DURANAR GREY VELVET
METAL LOUVER: PPG UC7610F DURANAR GREY VELVET

4E PREFINISHED STOREFRONT CURTAINWALL: METAL SPANDREL PANEL (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - PPG UC7610F DURANAR GREY VELVET
METAL PANEL: PPG UC7610F DURANAR GREY VELVET

4F PREFINISHED STOREFRONT CURTAINWALL: VISION PANEL FRIT PATTERN (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC7610F DURANAR GREY VELVET
INTERIOR - PPG UC7610F DURANAR GREY VELVET
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN68 ON SURFACE 3
GREY VELVET HORIZONTAL FRIT PATTERN ON SURFACE 2

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

Window Schedule Legend 1 A4-08
NTS

East Elevation - Part 3 15 A4-08
Scale: 1 : 50

East Elevation - Part 2 14 A4-08
Scale: 1 : 50

East Elevation - Part 1 13 A4-08
Scale: 1 : 50

North Elevation - Part 25 12 A4-08
Scale: 1 : 50

North Elevation - Part 24 11 A4-08
Scale: 1 : 50

North Elevation - Part 23 10 A4-08
Scale: 1 : 50

North Elevation - Part 22 9 A4-08
Scale: 1 : 50

North Elevation - Part 21 8 A4-08
Scale: 1 : 50

North Elevation - Part 20 7 A4-08
Scale: 1 : 50

North Elevation - Part 19 6 A4-08
Scale: 1 : 50

North Elevation - Part 18 5 A4-08
Scale: 1 : 50

Plot Date: 7/7/2016 10:26:58 AM File Path: C:\Users\mnunes\Documents\Revit 2015 Working Files\13148PL05-Model-Building R3-R4_mnunes (5427).rvt

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No.:	Revision	Date

PROGRESS SET
July 11, 2016

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

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
Window Schedule - Level 2 - 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.N.
Checked by: C.A.
Project No.: 13148
Date: July 11, 2016
Drawing No.: A4-08