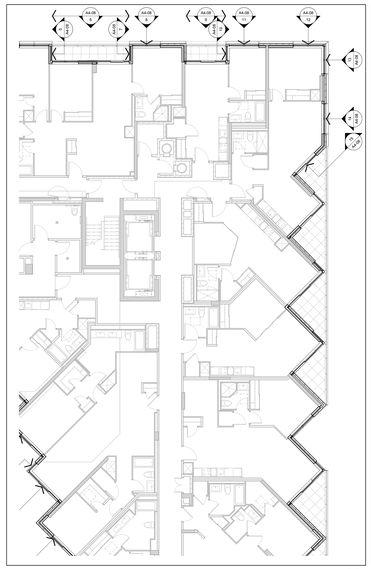


Window Schedule Partial Floor Plan - Level 2 4 A4-08
Scale: 1 : 100

TYPICAL WINDOW SCHEDULE NOTES:

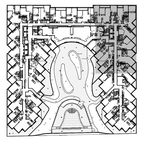
1. ADD 10MM CAULKING ALLOWANCE ON ONE OR BOTH SIDES OF WINDOW OPENING.
2. ADD 10MM CAULKING ALLOWANCE ON ONE OR BOTH SIDES OF DOOR.
3. CO-ORDINATE LOUVER LOCATIONS WITH MECHANICAL DRAWINGS.
4. CO-ORDINATE BALCONY/TERRACE DRAINS WITH STRUCTURAL DRAWINGS.
5. CO-ORDINATE BALCONY/TERRACE ELECTRICAL OUTLETS 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 STANDARD,
(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. GLASS STANDARDS:
(1) GLASS SHALL CONFORM TO:
(a) CAN/CGSB-12.1-M, "FLAT, TOUGHENED OR LAMINATED SAFETY GLASS",
(b) CAN/CGSB-12.2-M, "FLAT, CLEAR SHEET GLASS",
(c) CAN/CGSB-12.3-M, "FLAT, CLEAR FLOAT GLASS",
(d) CAN/CGSB-12.4-M, "FLAT, SELF-CLEANING GLASS",
(e) CAN/CGSB-12.8, "INSULATING GLASS UNITS",
(f) CAN/CGSB-12.10-M, "FLAT, HEAT EXTENDED HARDENED REFLECTING",
(g) CAN/CGSB-12.11-M, "WIRED SAFETY GLASS", OR
(h) ASTM E2190, "INSULATING GLASS UNIT PERFORMANCE AND EVALUATION".
(2) GLASS SHALL BE SELECTED AS PER:
(3) GLASS IN WINDOWS, SLOPED GLAZING AND SKYLIGHTS SHALL BE DESIGNED IN CONFORMANCE WITH CAN/CSA-S136-07, "STRUCTURAL DESIGN OF GLASS FOR BUILDINGS".
9.7.4. SEALING COMPOUND:
9.7.4.1. SEALING COMPOUND:
(5) 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 GLASS COMPONENT.

9.7.6. WINDOWS ABOVE THE SECOND STOREY:
(1) WINDOWS ABOVE THE SECOND STOREY SHALL NOT EXCEED 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 4.1.5.6., OR
(b) NON-OPENABLE AND DESIGNED TO WITHSTAND THE LATERAL DESIGN LOADS FOR GUARDS AS PROVIDED IN ARTICLES 4.1.5.10. AND 9.8.8.1.
9.7.9. RESISTANCE TO FORCED ENTRY:
9.7.9.1. FORCED ENTRY THROUGH WINDOWS:
(1) WINDOWS, EXCEPT FOR THOSE OF WHICH IS LOCATED WITHIN 2 000 MM OF ADJACENT GROUND LEVEL, SHALL:
(a) PERFORM TO THE REQUIREMENTS FOR RESISTANCE TO FORCED ENTRY AS DESCRIBED IN CLAUSE 10.13 OF CAN/CSA-A440.NE "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 GUARDED IF THE SURFACE IS MORE THAN 600 MM BELOW ADJACENT GROUND LEVEL, SHALL:
(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.
(c) AT ENTRANCE DOORS,
(d) AT CLEAR DOORS,
(e) AT FLOOR PITS IN REPAIR GARAGES, OR
(f) AT FLOOR PITS IN PARKING GARAGES FOR MAINTENANCE PURPOSES ONLY.
(2) 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 NOT PROTECTED BY A WALL.
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) EXCEPT AS PROVIDED IN SENTENCE (3), ALL GUARDS SHALL BE NOT LESS THAN 1 000 MM HIGH WHERE THE WALKING SURFACE SERVED BY THE GUARD IS NOT MORE THAN ONE SHELLING 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.
(3) EXCEPT AS PROVIDED IN SENTENCE (4), GUARDS IN RESIDENTIAL OCCUPANCIES SHALL BE NOT LESS THAN 900 MM HIGH.
(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.
9.8.8.4. GUARD FILLING:
(1) A GUARD IN RESIDENCE 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 ON STAIRS:
(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 12.2.2.6. AND 12.3.2.8.
(2) EXCEPT AS PROVIDED IN SENTENCE (3), THE TOTAL AREA OF 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, EXCEPT THAT, IF THE GLAZING IN THE SLOPING WALL, THE AREA OF THE OPAQUE 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 12.3.1.13, THE AREA OF GLAZING PERMITTED BY SENTENCE (2) SHALL BE MODIFIED BY MULTIPLYING THE AREA OF GLAZING BY THE RATIO OF THE REQUIRED THERMAL RESISTANCE DIVIDED BY THE ACTUAL THERMAL RESISTANCE OF THE GLAZING.
(4) WHERE THE GLAZING IS SHADED IN THE WINTER AND FACES A DIRECTION WITHIN 45° OF SOUTH, THE SOLAR HEAT GAIN 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 VALUE GIVEN IN ARTICLE 12.3.1.13. WHEN THE GLAZING IS SHADED IN THE WINTER, THE SHADING SHALL BE CALCULATED 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 WORST CASE SHADING PATTERN.
(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.
12.3.2.13. AIR LEAKAGE:
(1) WINDOWS AND ALL 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 WHEN TESTED IN ACCORDANCE WITH ASTM E283, "TEST METHOD FOR RATE OF AIR LEAKAGE THROUGH EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS UNDER SPECIFIED PRESSURE DIFFERENCES ACROSS THE SPECIMEN".
(2) EXCEPT AS PROVIDED IN SENTENCE (3), WINDOWS AND ALL GLAZING 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) EXCEPT AS PROVIDED IN SENTENCE (4), DOORS 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 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 ASSEMBLY WHEN TESTED IN CONFORMANCE WITH SENTENCE (1).
(5) GLAZING 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) 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 WALLS SHALL BE SEALED TO LIMIT THE RATE OF AIR LEAKAGE.
(8) 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

13148 - AQUAVISTA
UPDATED: AUGUST 24, 2015

	3	**PREFINISHED ALUMINUM WINDOW WALL: VISION PANEL** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG DURACRON K1286 WHITE GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN54 ON SURFACE 2
	3A	**PREFINISHED ALUMINUM WINDOW WALL: VISION PANEL FRIT PATTERN** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG DURACRON K1286 WHITE GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN54 ON SURFACE 2 WHITE FRIT 36MM DIAMETER DOTS IN 100M SQUARE PATTERN ON SURFACE 3
	3B	**PREFINISHED ALUMINUM WINDOW WALL: OPERABLE AWNING** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG DURACRON K1286 WHITE GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN54 ON SURFACE 2
	3C	**PREFINISHED ALUMINUM WINDOW WALL: OPERABLE AWNING FRIT PATTERN** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG DURACRON K1286 WHITE GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN54 ON SURFACE 2 WHITE FRIT 36MM DIAMETER DOTS IN 100M SQUARE PATTERN ON SURFACE 3
	3D	**PREFINISHED ALUMINUM WINDOW WALL: GLASS SPANDREL PANEL** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG DURACRON K1286 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 UC752-14F DURANAR GREY VELVET INTERIOR - PPG DURACRON K1286 WHITE METAL PANEL: PPG UC752-14F DURANAR GREY VELVET
	3F	**PREFINISHED ALUMINUM WINDOW WALL: METAL LOUVER** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG DURACRON K1286 WHITE METAL LOUVER: PPG UC752-14F DURANAR GREY VELVET
	3G	**PREFINISHED ALUMINUM WINDOW WALL: METAL SLAB COVER** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG DURACRON K1286 WHITE SLAB COVER: PPG UC1007SH1, DURANAR AL STEEL SILVER CITY
	4	**PREFINISHED STOREFRONT CURTAINWALL: VISION PANEL (GROUND FLOOR)** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG UC752-14F DURANAR GREY VELVET GLASS TYPE: CLEAR INNER & OUTER LITE
	4A	**PREFINISHED STOREFRONT CURTAINWALL: VISION PANEL FRIT PATTERN (GROUND FLOOR)** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG UC752-14F DURANAR GREY VELVET GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN54 ON SURFACE 2 WHITE FRIT 36MM DIAMETER DOTS IN 100M SQUARE PATTERN ON SURFACE 3
	4B	**PREFINISHED STOREFRONT CURTAINWALL: SHADOW BOX (GROUND FLOOR)** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG UC752-14F 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 UC752-14F DURANAR GREY VELVET INTERIOR - PPG UC752-14F DURANAR GREY VELVET GLASS TYPE: CLEAR FLOAT COLOUR: SOLID FRIT 46MM GREY ON SURFACE 4
	4D	**PREFINISHED STOREFRONT CURTAINWALL: METAL LOUVER (GROUND FLOOR)** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG UC752-14F DURANAR GREY VELVET METAL LOUVER: PPG UC752-14F DURANAR GREY VELVET
	4E	**PREFINISHED STOREFRONT CURTAINWALL: METAL SPANDREL PANEL (GROUND FLOOR)** ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURANAR GREY VELVET INTERIOR - PPG UC752-14F DURANAR GREY VELVET METAL PANEL: PPG UC752-14F 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

Window Schedule Legend 1 A4-08
NTS

Contractor Must Check And Verify All Dimensions On The Job.

Do Not Scale The Drawings.

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Date: October 15, 2015

ONTARIO ASSOCIATE ARCHITECT
KIRKOR ARCHITECTS AND PLANNERS
LICENCE NUMBER
5760
"IT IS NOT TO BE USED TO BE VALID"

Tender

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No.:	Revision	Date
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.M.
Checked by	C.A.
Project No.	13148
Date	October 15, 2015
Drawing No.	A4-08