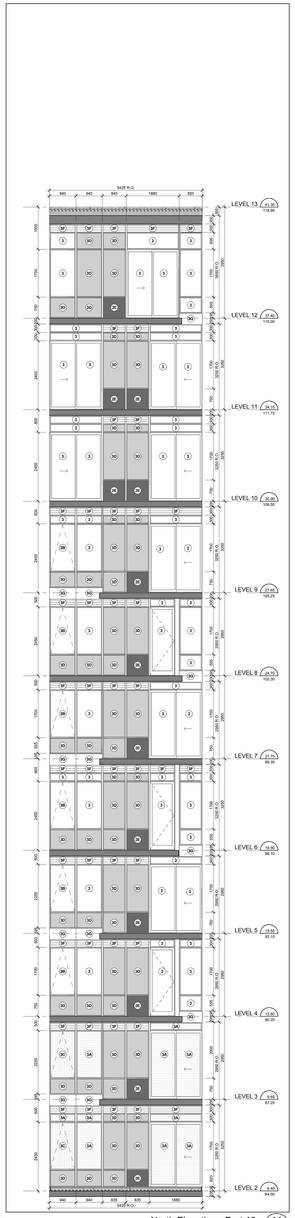
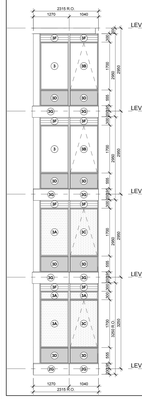
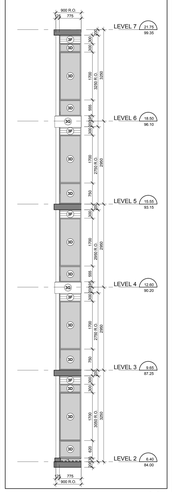


North Elevation - Part 10 14 A4-07
Scale: 1 : 50



North Elevation - Part 17 21 A4-07
Scale: 1 : 50

North Elevation - Part 16 20 A4-07
Scale: 1 : 50



North Elevation - Part 15 19 A4-07
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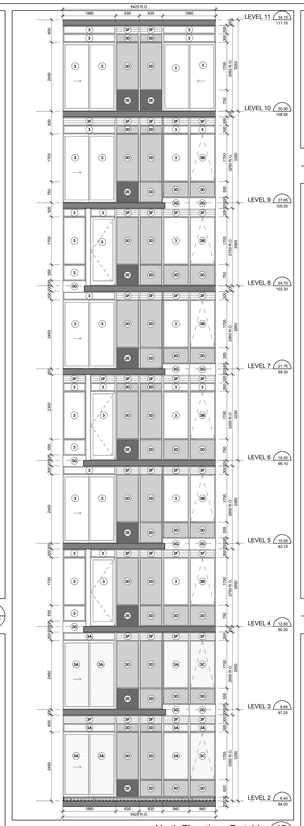
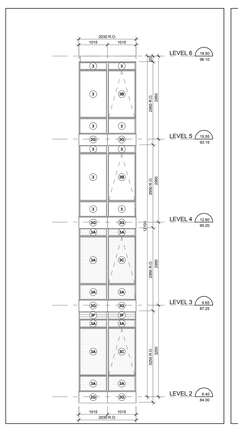
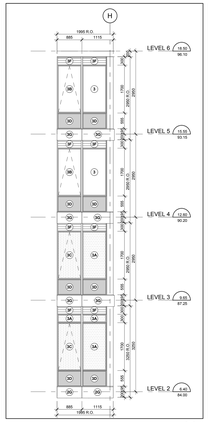


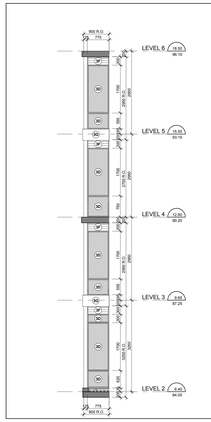
North Elevation - Part 14 18 A4-07
Scale: 1 : 50



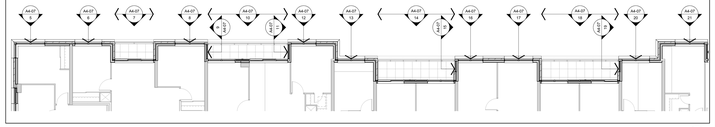
North Elevation - Part 13 17 A4-07
Scale: 1 : 50



North Elevation - Part 12 16 A4-07
Scale: 1 : 50



North Elevation - Part 11 15 A4-07
Scale: 1 : 50



Window Schedule Partial Floor Plan - Level 2 4 A4-07
Scale: 1 : 100

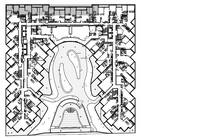
TYPICAL WINDOW SCHEDULE NOTES:

1. ADD 10MM CAULKING ALLOWANCE ON ONE OR BOTH SIDES OF WINDOW OPENING.
2. CO-ORDINATE WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.
3. CO-ORDINATE LOUVER LOCATIONS WITH MECHANICAL DRAWINGS.
4. CO-ORDINATE LIGHTING FIXTURE LOCATIONS 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:
(1) WINDOWS SHALL CONFORM TO:
(a) CAN/CSA-A440 SERIES-08, OR
(b) THE CANCSA-A440.1, "USER SELECTION GUIDE TO CSA STANDARD CANCSA-A440-00 WINDOWS".
9.7.3. GLASS:
9.7.3.1. GLASS STANDARDS:
(1) GLASS SHALL CONFORM TO:
(a) CAN/CGSB-12.1-M, TYPE 1-S, 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-12.8-M, "FLAT, SEAMED PLATE GLASS",
(e) CAN/CGSB-12.5, "INSULATING GLASS UNITS",
(f) CAN/CGSB-12.11-M, "WIRED GLASS, SAFETY-ELECTRIC",
(g) CAN/CGSB-12.1-M, "WIRED SAFETY GLASS", OR
(h) ASTM E2190, "INSULATING GLASS UNIT PERFORMANCE AND EVALUATION".
9.7.3.2. GLASS IN WINDOWS:
(1) GLASS IN WINDOWS, SLOPED GLAZING AND SKYLIGHTS SHALL BE DESIGNED IN CONFORMANCE WITH CAN/CSSB-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 CMPONENT SHALL BE COMPATIBLE WITH THE MATERIAL USED TO EDGE SEAL THE GLASS COMPONENT.

9.7.5.4. WINDOWS ABOVE THE SECOND STOREY:
(1) WINDOWS ABOVE THE SECOND STOREY SHALL NOT EXCEED THAN 1.500 MM FROM THE FLOOR AND ARE LOCATED ABOVE THE SECOND STOREY IN BUILDINGS OF RESIDENTIAL OCCUPANCY SHALL BE:
(a) NON-OPENABLE AND DESIGNED TO WITHSTAND THE LATERAL DESIGN LOADS FOR GUARDS, OR
(b) NON-OPENABLE AND DESIGNED TO WITHSTAND THE LATERAL DESIGN LOADS FOR GUARDS AS PROVIDED IN ARTICLES 4.1.5.10. SENTENCE (1).
9.7.6. RESISTANCE TO FORCED ENTRY:
9.7.6.1. FORCED ENTRY THROUGH WINDOWS:
(1) WINDOWS, INCLUDING THOSE PART 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.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 PROVIDED WITH A GUARD IF THE SURFACE IS ADJACENT TO A DROP OF MORE THAN 0.600 M AND:
(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.
9.8.8.2. HEIGHT OF GUARDS:
(1) AT LOADING DOCKS,
(2) AT FLOOR PITS IN REPAIR GARAGES OR
(3) AT PITS IN GARBAGE ROOMS FOR MAINTENANCE PURPOSES ONLY,
(4) 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 900 MM HIGH, OR
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 900 MM HIGH WHERE THE WALKING SURFACE SERVED BY THE GUARD IS NOT MORE THAN ONE SHELLING AND 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 ON THE SIDES OF STAIRS 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 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. PROTECTION FROM GLAZING:
(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 12.3.2.9.
(2) EXCEPT AS PROVIDED IN SENTENCE (3), WINDOWS AND 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 SERVED BY THE GLAZED AREAS, WHICH ARE DEFINED AS THE PROJECTED AREA OF THE GLAZING, THE SURROUNDING 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 12.3.1.10, THE AREA OF GLAZING MAY EXCEED THE LIMITS SPECIFIED IN SENTENCE (2) PROVIDED THAT THE AREA OF GLAZING SHALL NOT EXCEED THE RATIO OF THE REQUIRED THERMAL RESISTANCE DIVIDED BY THE ACTUAL THERMAL RESISTANCE OF THE GLAZING.
(4) EXCEPT AS PROVIDED IN SENTENCE (5), WINDOWS AND ALL GLAZING SHALL HAVE A 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 SHADED IN THE SUMMER WITH EXTERIOR DEVICES, FOR THE PURPOSE OF DETERMINING WHETHER OR NOT THE GLAZING IS SHADED WITH A SYSTEM THAT AS SUCH WILL ALLOW 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 SHADING DEVICE ALONE.
(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.
9.10.3.12. AIR-INFILTRATION:
(1) WINDOWS AND ALL GLAZING THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE OR THE EXTERIOR SHALL BE DESIGNED TO LIMIT THE RATE OF AIR INFILTRATION TO NOT MORE THAN 1.5 L/S FOR EACH SQUARE METRE OF WINDOW AREA WHEN TESTED IN CONFORMANCE WITH SENTENCE (2).
(2) EXTERIOR DOORS AND ALL GLAZING THAT SEPARATES THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE ON THE EXTERIOR SHALL BE DESIGNED TO LIMIT AIR INFILTRATION TO NOT MORE THAN 2.5 L/S FOR EACH SQUARE METRE OF DOOR AREA WHEN TESTED IN CONFORMANCE WITH SENTENCE (2).
(3) EXTERIOR DOORS SHALL BE DESIGNED TO BE STRIPPED 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 (2).
(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 L/S FOR EACH METRE OF DOOR LENGTH WHEN TESTED IN CONFORMANCE WITH SENTENCE (2).
(5) CAULKING MATERIAL TO REDUCE AIR INFILTRATION SHALL CONFORM TO THE REQUIREMENTS IN SUBSECTION 9.27.4.
(6) ALL 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) ALL 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 2 2 A4-07
NTS

WINDOW SCHEDULE LEGEND

13148 - AQUAVISTA
UPDATED: AUGUST 24, 2015

3 PREFINISHED ALUMINUM WINDOW WALL: VISION PANEL
ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG DURACRON K1286 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 UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG DURACRON K1286 WHITE
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN34 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 UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG DURACRON K1286 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 UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG DURACRON K1286 WHITE
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN34 ON SURFACE 2; WHITE FRIT 5MM DIAMETER DOTS IN 10CM SQUARE PATTERN ON SURFACE 3

3D PREFINISHED ALUMINUM WINDOW WALL: GLASS SPANDREL PANEL
ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURAMAR 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 DURAMAR GREY VELVET; INTERIOR - PPG DURACRON K1286 WHITE
METAL PANEL: PPG UC752-14F DURAMAR GREY VELVET

3F PREFINISHED ALUMINUM WINDOW WALL: METAL LOUVER
ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG DURACRON K1286 WHITE
METAL LOUVER: PPG UC752-14F DURAMAR GREY VELVET

3G PREFINISHED ALUMINUM WINDOW WALL: METAL SLAB COVER
ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG DURACRON K1286 WHITE
SLAB COVER: PPG UC1907SSL DURAMAR AL STEEL SILVER CITY

4 PREFINISHED STOREFRONT CURTAINWALL: VISION PANEL (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG UC752-14F DURAMAR GREY VELVET
GLASS TYPE: CLEAR INNER & OUTER LITE

4A PREFINISHED STOREFRONT CURTAINWALL: VISION PANEL FRIT PATTERN (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG UC752-14F DURAMAR GREY VELVET
GLASS TYPE: CLEAR INNER & OUTER LITE, GUARDIAN SUNGUARD - SUPERNEUTRAL SN34 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 UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG UC752-14F DURAMAR 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 DURAMAR GREY VELVET; INTERIOR - PPG UC752-14F DURAMAR 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 UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG UC752-14F DURAMAR GREY VELVET
METAL LOUVER: PPG UC752-14F DURAMAR GREY VELVET

4E PREFINISHED STOREFRONT CURTAINWALL: METAL SPANDREL PANEL (GROUND FLOOR)
ALUM. COLOUR: EXTERIOR - PPG UC752-14F DURAMAR GREY VELVET; INTERIOR - PPG UC752-14F DURAMAR GREY VELVET
METAL PANEL: PPG UC752-14F DURAMAR 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 A4-07
NTS

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The Drawing Is Not To Be Used For Construction Until Signed By The Architect.
Date: October 15, 2015

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 2 - North 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.: A4-07