



ADDENDUM #1

April 5th, 2022

RFP AP21-18

Alexandra Park Phase 2A – Window Washing Systems (TCHC)

Addendum #1 is being issued on the above-mentioned Request for Proposal and consists of fifteen (15) pages including this cover page.

1. General

- This addendum shall be supplemental to and form part of scope of work, drawings and specifications.

2. Added Specifications

- Please note that **Specification Section 11015 – Window Washing Equipment for Site 2 (ATK)** has been included with this addendum as **Schedule F** and is to be used as part of your submission (**Appendix I**).

3. Drawing List Update

- Please note that **Drawings, Specifications and Reports R1** has been updated to reflect the added specifications, included with this addendum (**Appendix II**).

[End of Addendum #1]

All other matters of the Proposal remain the same.

This addendum now forms part of this Request for Proposal and Proponents are reminded that receipt of all Addenda must be shown on the RFP Submission Form.

- .1 CSA W59-18 “Welded Steel Construction”.
- .2 CSA W47.1-19 “Certification of Companies for Fusion Welding of Steel Structures”.
- .3 CSA 157-17 “Strength Design in Aluminum”.
- .3 Regulatory Requirements:
 - .1 Ontario Building Code regarding “Anchor Systems on Building Exterior”.
 - .2 Comply with Occupational Health and Safety Act Window Cleaning Regulation, including latest revisions and amendments, and CSA-Z91-17 and CAN/CSA-Z271-20. In case of conflict, comply with the most stringent requirements.
 - .3 Comply with the “Guidelines for enforcing window cleaning regulations affecting anchorage for fall arrest systems and tiebacks for suspended equipment primary support lines”, issued by the Ontario Ministry of Labour, including latest revisions.
- .4 Design Criteria:
 - .1 Design system to be suitable for building conditions and compatible with industry accepted window cleaning equipment and accessories.
 - .2 Select spacing of davit bases to allow use of one standard length platform at all locations. Do not deviate from this requirement without Consultant's approval.
 - .3 Design systems components with 4:1 safety factor based on ultimate strength and normal operating conditions.
 - .4 Design each davit arm assembly to support a safe working load of 454 kg.
 - .5 Design roof anchors to support 360° ultimate load of 22 kN.
 - .6 Design monorails for manual operation; each trolley shall have a 4.5 kN working load. The monorail and trolleys shall be designed to withstand a factored load of 23 kN.
 - .7 Design equipment to ensure building surfaces and components are not marred or damaged during normal operation of equipment.

1.5 SUBMITTALS

- .1 Product Data:
 - .1 Submit detailed product data for each product required.
- .2 Shop Drawings:
 - .1 Submit shop drawings, showing complete layout and configuration of system, locations, materials, finishes, components and accessories.

- .2 Clearly indicate design, fabrication details, plans, elevations, hardware and installation details.
 - .3 Shop drawings shall bear seal and signature of qualified professional engineer registered in Ontario who is responsible for design of the equipment.
 - .4 Shop drawings shall meet the Occupational Health and Safety Act requirements and shall include all necessary restrictive and non-restrictive working usage notes and general safety notes.
 - .5 Obtain review and approval of shop drawings required by jurisdictional authorities and general safety notes.
 - .6 Obtain review and approval of shop drawings required by jurisdictional authorities.
- .3 Reports and Certificates:
- .1 Provide all necessary and required test reports and certificates to comply with the relevant codes and regulations of jurisdictional authorities.
 - .2 Submit test data from an independent testing laboratory to show that all anchors which are to be used in this project meet the loading requirements of the referenced standards.
 - .3 Submit inspection reports within 5 days of inspection.
 - .4 Submit certified proof of product liability insurance.
 - .5 Submit application from engineer whose seal and signature appears on the shop drawings, or his/her authorized representative, confirming that the window washing equipment meets the performance requirements of the Ministry of Labour.
- .4 Closeout Submittals:
- .1 Provide at each roof entrance a reduced plastic laminated as-built shop drawing showing anchor locations and details, in accordance with requirements of jurisdictional authorities. Drawings shall be metal framed with clear polycarbonate scratch resistant cover and securely screwed to wall.
 - .2 Complete inspection log book, to certify window washing system is ready for use in accordance with requirements of jurisdictional authority and for yearly inspections.
 - .3 Submit following for each product incorporated into operation and maintenance manuals:
 - .1 Identification: manufacturing name, type, year, serial number, number of units, capacity, and identification of related systems.
 - .2 Functional description detailing operation and control of components.
 - .3 Performance criteria and maintenance data.
 - .4 Operating instructions and precautions.

.5 Safety precautions.

1.6 DELIVERY, STORAGE AND HANDLING

- .1 Package or crate, and brace products to prevent damage or distortion of equipment in shipment, handling and storage. Label packages and crates, and protect finished surfaces by sturdy wrappings or equivalent protection.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Metals:
 - .1 Steel, structural shapes, plate, bars: hot-rolled, to meet specified requirements of CAN/CSA-G40.21 Grade 300W.
 - .2 Steel, hollow structural sections: hot-formed, seamless, to meet specified requirements of CAN/CSA-G40 .21 Grade 350W, Class H.
 - .3 Stainless steel: ASTM A276, Type 316.
 - .4 Aluminum: structural sections to CSA-S157; AA 6061-T6 alloy, with mill finish.
- .2 Paint:
 - .1 Zinc rich paint: CAN/CGSB-1.181-99.
 - .2 Isolation coating: alkali resistant asphaltic enamel.

2.2 FABRICATION

- .1 Fabricate components in accordance with reviewed shop drawings.
- .2 Fabricate work with materials and component sizes, metal gauges, reinforcing, anchors and fastenings of adequate strength to ensure that it will remain free of warping, buckling, opening of joints and seams, and distortion within limits of intended and specified use. Conceal and weld connections wherever possible.
- .3 Fit joints and junctions between components tightly, in true planes, and in manner preventing entry of water. Cap open ends of sections exposed to view.
- .4 Cleanly and smoothly finish exposed edges of materials including holes.
- .5 Fasteners shall be hot dip galvanized or stainless steel.

2.3 SAFETY & TIE-BACK ANCHORS

- .1 Safety U-bars: Type 304 stainless steel with yield strength of 240 MPa U-bar shall be not less than 19 mm diameter material with 38 mm eye opening.
- .2 Securement bolts: mild steel, Type 300W with yield strength of 300 MPa (44 Ksi), hot dipped galvanized to CSA G164.

- .3 Hollow steel section (HSS) piers: mild steel, Type 300W with yield strength of 350 MPa. Wall thickness to suit application, hot dipped galvanized to CSA G164.
- .4 Base plate and all other sections: galvanized mild steel as above with yield strength of 300 MPa. Thickness and securement to suit application.
- .5 Flashings: in accordance with roof membrane manufacturer's recommendations.
- .6 Miscellaneous bolts, nuts and washers: mild steel, Type 300W with yield strength of 300 MPa, hot dipped galvanized to CSA G164 or Type 304 stainless steel with yield strength of 240 MPa.

2.4 DAVITS

- .1 Davit booms: aluminum sections of engineered length and size to suit application, equipped with: carrying handles, stainless steel rolling trolley on outboard end; prominently displayed, non-corrosive data plate clearly stating maximum service capacity of boom, manufacturer's name, serial no. and manufacturing date.
- .2 Davit masts: round tubular aluminum section capable of rotating through 360°; carrying handles; connecting pins; erection winch; turning handles; transport wheels.
- .3 Davit arms:
 - .1 Davits shall be demountable, portable, capable of being easily and quickly broken down into pieces weighting no more than 36 kg for ease of carrying.
 - .2 A davit or part of a davit weighing more than 36 kg shall be provided with a means for its transport, which shall keep the centre of gravity of the davit at or below 915 mm above the safe surface during transport.
 - .3 Davits or davit components that require more than 36 kg lifting effort to raise the arm into position shall be provided with a mechanical means for hoisting them into position.
 - .4 Davit arm booms equipped with rolling trolleys or friction trolleys to have stops to ensure trolley cannot become detached from boom.
 - .5 Tall roof rigged davits shall be designed with hoisting winches to safely raise and lower arms and dolly wheels to roll davit arms into place.
- .4 Davit bases: round, hollow steel section piers of mild steel, Type 350W with yield strength of 350 MPa (hot dip galvanized to CSA G164, with 19 mm diameter U-bar safety anchor, and securement to suit application).
- .5 Tethers: All pins and loose pieces to be secured using 3 mm stainless steel cable complete with easily inserted lead connectors to avoid loss.
- .6 Plate and all other sections: galvanized mild steel as per davit bases above with yield strength of 300 MPa.
- .7 Flashings: in accordance with roof membrane manufacturer's recommendations.

- .8 Miscellaneous bolts, nuts and washers: mild steel, Type 300W with yield strength of 300 MPa, hot dipped galvanized to CSA G164 or Type 304 stainless steel with yield strength of 240 MPa.

2.5 MONORAILS

- .1 Fabricate monorails from structured steel shapes to suit layouts as indicated. Design monorails to be recessed into building soffit.
- .2 Provide stops at ends of monorails to prevent the trolleys from going past the end of the monorails.
- .3 Monorail anchor cages shall be fabricated from Type 316 stainless steel.
- .4 All monorail hardware such as; shims, rail clips, bolts, nuts, washers and other items shall be Type 316 stainless steel.
- .5 Monorails and mounting: designed to carry minimum vertical service load of 4.5 kN; fabricated using aluminum extrusions to CSA S157 cold rolled steel sections, Type 350W with yield strength of 350 MPa and tensile strength of 450 MPa, galvanized to CSA G164.
- .6 Monorail finish where exposed to view shall be hybrid powder coated in colour selected by Consultant.
- .7 Capacity/Data Plates: rail entry systems to be equipped with prominently displayed, non-corrosive plate clearly stating maximum service capacity, manufacturer's name, serial no., and manufacturing date.
- .8 Trolleys: equipped with heavy-duty rollers and 16 mm diameter U-bar safety anchors; interior finish shall be powder-coated mild steel to match monorail. Design trolleys to run freely under load at minimum discontinuity. at rail splices and provide end stops to ensure trolley cannot become detached from the rail. Stops shall be removable for service.
- .9 Safety U-bars: Type 304 stainless steel with yield strength of 240 MPa. U- bar shall not be less than 19 mm diameter material with 38 mm eye opening.
- .10 Securement bolts: mild steel, Type 300W with yield strength of 300 MPa, hot dipped galvanized to CSA G164.
- .11
- .12 Hollow steel section (HSS) piers: galvanized steel as above with yield strength of 350 MPa. Wall thickness shall suit application.
- .13 Tethers: all pins and loose pieces shall be secured.
- .14 Base plate and all other sections: galvanized mild steel as above with yield strength of 300 MPa. Thickness and securement shall suit application.

2.6 WELDING

- .1 Perform welding by electric arc process.
- .2 Execute welding to avoid damage or distortion to work. Execute welding in accordance with following standards:

- .1 CSA W48.1 for Electrodes. If rods are used, only coated rods are allowed.
- .2 CSA W59 and CSA W59S1 for design of connections and workmanship.
- .3 CAN/CSA W117.2 for safety.
- .3 Thoroughly clean welded joints and expose steel for a sufficient distance to perform welding operations. Finish welds smooth. Supply continuous and ground welds which will be exposed to view and finish painted.
- .4 Test welds for conformance and remove work not meeting specified standards and replace to Consultant's acceptance.

2.7 HOT DIP GALVANIZING

- .1 After fabrication, hot dip galvanize all steel items components. After galvanizing, plug relief vents air tight with appropriate aluminum plugs as suitable and required for intended metal fabricated item. Straighten shapes and assemblies true to line and plane after galvanizing. Repair damaged galvanized surfaces with zinc rich primer in accordance with manufacturer's printed directions.
- .2 Hot-dip galvanize members in accordance with CAN/CSA G164-M and requirements of the following ASTM standards with minimum coating weights or thicknesses as follows:
 - .1 Rolled, pressed and forged steel shapes, plates, bars and strips: ASTM A123; average weight of zinc coating per square/metre of actual surface, for 4.8 mm and less thickness members 600 g/m² for 6 mm and heavier members 640 g/m².
 - .2 Iron and steel hardware: ASTM A153; minimum weight of zinc coating, in ounces per square foot of surface, in accordance with ASTM A153, Table 1 for the various classes of materials used in the work.

2.8 FINISHES

- .1 Steel components:
 - .1 Hot dip galvanize assemblies following fabrication.
 - .2 Fabricate items to be galvanized as recommended in Appendix B of CAN/CSA-G164-M92 (R2003).
 - .3 Paint galvanized surfaces which are cut, welded or threaded with zinc rich paint, minimum 4 mils thick, immediately following such work; meet applicable requirements of ASTM A780.
- .2 Isolation Coating: except for work cast into concrete, coat metal surfaces in contact with dissimilar metals and in contact with concrete, with heavy coat of isolation coating.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Install work of this Section under the supervision of a qualified, professional engineer licensed in Ontario.
- .2 Install work in accordance with reviewed shop drawings true, tightly fitted, plumb and level.
- .3 Include reinforcing, anchorage and mounting devices required for the installation of each product. Coordinate with Divisions 3 and 5 as required.

3.2 FIELD QUALITY CONTROL

- .1 Install work of this Section under the supervision of a qualified professional engineer registered in Ontario.
- .2 Arrange for load testing of all anchor points by a recognized independent testing agency and submit certified report to Consultant. Test anchor points in accordance with requirements of jurisdictional authorities, and as follows:
 - .1 Minimum 10% of anchor points under load of 1800 kg.
 - .2 Remaining anchors under load of 900 kg.
 - .3 If any test under load of 900 kg fails, test all anchor points under load of 1800 kg.
 - .4 Replace and retest any anchor point which fails load test.

3.3 FINAL INSPECTION, TRAINING, CERTIFICATION

- .1 Professional engineer responsible for design of system shall inspect completed work and submit sealed and signed report confirming that system meets design requirements and has been installed in accordance with reviewed shop drawings.
- .2 Provide a training session to the building maintenance crew. Instructing them in the proper and safe use of the system. Submit copy of signed attendance record to Consultant.
- .3 Complete the inspection log book to certify system for use.

END OF SECTION

APPENDIX II

APPENDIX C – DRAWINGS, SPECIFICATIONS & REPORTS R1

The following documents have been included in the links below (***Please ensure to copy and paste these links into your browser to access the associated drawings and schedules**):

Drawing Number	Description	Revision Date
Architectural Drawings – CS&P Architects (Site 2)		
http://tchcupload.torontohousing.ca/www/?a=d&i=U6lhmu1gD		
0-A0.00-PH2-SITE2	COVER PAGE	March 11 th , 2022
1-A0.10	GENERAL NOTES, WALL, CEILING & ROOF SCHEDULES	March 11 th , 2022
1-A0.11	ABBREVIATIONS, SYMBOLS	March 11 th , 2022
1-A0.21	LIFE SAFETY & FIRE SEPARATION	March 11 th , 2022
1-A0.22	LIFE SAFETY & FIRE SEPARATION	March 11 th , 2022
1-A1.10	OVERALL SITE PLAN	March 11 th , 2022
1-A1.11	SITE STATS, MATRIX	March 11 th , 2022
0-A2.10	OVERALL PLAN - PARKING 02	March 11 th , 2022
0-A2.11	OVERALL PLAN - PARKING 01	March 11 th , 2022
0-A2.13	OVERALL PLAN - GROUND LEVEL	March 11 th , 2022
0-A2.14	OVERALL PLAN - LEVEL 2	March 11 th , 2022
0-A2.15	OVERALL PLAN - LEVEL 3	March 11 th , 2022
0-A2.16	OVERALL PLAN - LEVEL 4	March 11 th , 2022
0-A2.17	OVERALL PLAN - LEVEL 5	March 11 th , 2022
0-A2.18	OVERALL PLAN - LEVEL 6	March 11 th , 2022
0-A2.19	OVERALL PLAN - LEVEL 7	March 11 th , 2022
0-A2.20	OVERALL PLAN - LEVEL 8	March 11 th , 2022
0-A2.21	OVERALL PLAN - LEVEL 9	March 11 th , 2022
0-A2.22	OVERALL PLAN - LEVEL 10	March 11 th , 2022
0-A2.23	OVERALL PLAN - LEVEL 11	March 11 th , 2022
0-A2.24	OVERALL PLAN - LEVEL 12	March 11 th , 2022
0-A2.25	OVERALL PLAN - LEVEL 13	March 11 th , 2022
0-A2.26	OVERALL PLAN - LEVEL 14	March 11 th , 2022
0-A2.27	OVERALL PLAN - LEVEL 15	March 11 th , 2022
0-A2.28	OVERALL PLAN - LEVEL 16	March 11 th , 2022
0-A2.29	OVERALL PLAN - ROOF LEVEL	March 11 th , 2022
2-A2.39	PARTIAL PLANS - GROUND FLOOR	March 11 th , 2022
2-A2.40	PARTIAL PLANS - GROUND FLOOR	March 11 th , 2022
2-A2.41	PARTIAL PLANS - LEVEL 2	March 11 th , 2022
2-A2.42	PARTIAL PLANS - LEVEL 2	March 11 th , 2022
2-A2.43	PARTIAL PLANS - LEVEL 3	March 11 th , 2022
2-A2.44	PARTIAL PLANS - LEVEL 3	March 11 th , 2022
2-A2.45	PARTIAL PLANS - LEVEL 4	March 11 th , 2022
2-A2.46	PARTIAL PLANS - LEVEL 4	March 11 th , 2022
2-A2.47	PARTIAL PLANS - LEVEL 5	March 11 th , 2022
2-A2.48	PARTIAL PLANS - LEVEL 5	March 11 th , 2022
2-A2.49	PARTIAL PLANS - LEVEL 6	March 11 th , 2022
2-A2.50	PARTIAL PLANS - LEVEL 6	March 11 th , 2022

2-A2.51	PARTIAL PLANS - LEVEL 7	March 11 th , 2022
2-A2.52	PARTIAL PLANS - LEVEL 7	March 11 th , 2022
2-A2.53	PARTIAL PLANS - LEVEL 8	March 11 th , 2022
2-A2.54	PARTIAL PLANS - LEVEL 8	March 11 th , 2022
2-A2.55	PARTIAL PLANS - LEVEL 9	March 11 th , 2022
2-A2.56	PARTIAL PLANS - LEVEL 9	March 11 th , 2022
2-A2.57	PARTIAL PLANS - LEVEL 10	March 11 th , 2022
2-A2.58	PARTIAL PLANS - LEVEL 10	March 11 th , 2022
2-A2.59	PARTIAL PLANS - LEVEL 11	March 11 th , 2022
2-A2.60	PARTIAL PLANS - LEVEL 12	March 11 th , 2022
2-A2.61	PARTIAL PLANS - LEVEL 13	March 11 th , 2022
2-A2.62	PARTIAL PLANS - LEVEL 14	March 11 th , 2022
2-A2.63	PARTIAL PLANS - LEVEL 15	March 11 th , 2022
2-A2.64	PARTIAL PLANS - LEVEL 16	March 11 th , 2022
2-A2.80	EXTERIOR PLAN DETAILS	March 11 th , 2022
2-A2.81	EXTERIOR PLAN DETAILS	March 11 th , 2022
2-A2.82	EXTERIOR PLAN DETAILS	March 11 th , 2022
2-A2.90	INTERIOR PLAN DETAILS	March 11 th , 2022
2-A2.100	FINISHES PLAN – PARKING 02	March 11 th , 2022
2-A2.101	FINISHES PLAN – PARKING 01	March 11 th , 2022
2-A2.102	FINISHES PLAN – GROUND LEVEL	March 11 th , 2022
2-A2.103	FINISHES PLAN – LEVEL 2	March 11 th , 2022
2-A3.01	NORTH & SOUTH ELEVATION	March 11 th , 2022
2-A3.02	WEST ELEVATION	March 11 th , 2022
2-A3.03	EAST ELEVATION	March 11 th , 2022
2-A3.04	NORTH & SOUTH ELEVATION	March 11 th , 2022
2-A3.30	BALCONY ELEVATION – NORTH	March 11 th , 2022
2-A3.31	BALCONY ELEVATION – SOUTH	March 11 th , 2022
2-A3.32	BALCONY ELEVATION – EAST	March 11 th , 2022
2-A3.33	BALCONY ELEVATION – WEST	March 11 th , 2022
2-A3.34	BALCONY ELEVATION – N & S MEWS	March 11 th , 2022
2-A3.35	BALCONY ELEVATION 3D VIEWS	March 11 th , 2022
2-A3.36	BALCONY ELEVATION 3D VIEWS MEWS	March 11 th , 2022
2-A3.40	BUILDING SECTIONS	March 11 th , 2022
2-A3.41	BUILDING SECTIONS	March 11 th , 2022
2-A3.42	BUILDING SECTIONS	March 11 th , 2022
2-A3.43	BUILDING SECTIONS	March 11 th , 2022
2-A3.43A	BUILDING SECTIONS	March 11 th , 2022
2-A3.44	BUILDING SECTIONS	March 11 th , 2022
2-A3.45	BUILDING SECTIONS	March 11 th , 2022
2-A3.46	BUILDING SECTIONS	March 11 th , 2022
2-A3.47	BUILDING SECTIONS	March 11 th , 2022
2-A3.48	COURTYARD SECTIONS	March 11 th , 2022
2-A3.49	BUILDING SECTIONS	March 11 th , 2022
2-A3.50	BUILDING SECTIONS	March 11 th , 2022
2-A3.51	BUILDING SECTIONS	March 11 th , 2022
2-A3.52	BUILDING SECTIONS	March 11 th , 2022
2-A4.01	MISCELLANEOUS DETAILS	March 11 th , 2022
2-A4.02	MISCELLANEOUS DETAILS	March 11 th , 2022
2-A4.03	MISCELLANEOUS DETAILS	March 11 th , 2022
2-A4.04	MISCELLANEOUS DETAILS	March 11 th , 2022
2-A4.10	MISCELLANEOUS DETAILS	March 11 th , 2022
2-A5.01	INTERIOR ELEVATIONS	March 11 th , 2022

2-A5.02	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.03	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.04	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.05	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.06	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.07	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.08	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.09	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.10	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.11	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.12	INTERIOR ELEVATIONS	March 11 th , 2022
2-A5.13	INTERIOR ELEVATIONS	March 11 th , 2022
2-A6.01	PARKING LEVEL P2 REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.02	PARKING LEVEL P1 REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.03	GROUND FLOOR REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.04	2 ND LEVEL REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.05	3 RD LEVEL REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.06	4 TH LEVEL REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.07	5 TH LEVEL REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.08	6 TH - 7 TH LEVEL REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.09	8 TH - 9 TH LEVEL REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.10	10 TH - 11 TH LEVEL REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.11	12 TH - 13 TH LEVEL REFLECTED CEILING PLAN	March 11 th , 2022
2-A6.12	14 TH - 15 TH LEVEL REFLECTED CEILING PLAN	March 11 th , 2022
2-A7.11	STAIR A PLANS AND SECTIONS	March 11 th , 2022
2-A7.12	STAIR B PLANS AND SECTIONS	March 11 th , 2022
2-A7.13	STAIR C & D PLANS AND SECTIONS	March 11 th , 2022
2-A7.15	ELEVATOR A & B PLANS AND SECTIONS	March 11 th , 2022
2-A7.16	ELEVATOR C & D PLANS AND SECTIONS	March 11 th , 2022
2-A7.20	RAMP P1XX PLANS	March 11 th , 2022
2-A7.21	RAMP P202, 102, P1-YY, 118, 114	March 11 th , 2022
2-A7.22	RAMP SECTIONS	March 11 th , 2022
2-A8.20	WALL SECTIONS	March 11 th , 2022
2-A8.21	WALL SECTIONS	March 11 th , 2022
2-A8.22	WALL SECTIONS	March 11 th , 2022
2-A8.23	WALL SECTIONS	March 11 th , 2022
2-A8.24	WALL SECTIONS	March 11 th , 2022
2-A8.31	BELOW GRADE WALL SECTIONS	March 11 th , 2022
2-A8.32	BELOW GRADE WALL SECTIONS	March 11 th , 2022
2-A8.33	BELOW GRADE WALL SECTIONS	March 11 th , 2022
2-A8.34	BELOW GRADE WALL SECTIONS	March 11 th , 2022
2-A8.35	BELOW GRADE WALL SECTIONS	March 11 th , 2022
2-A8.36	BELOW GRADE WALL SECTIONS	March 11 th , 2022
2-A8.37	BELOW GRADE WALL SECTIONS	March 11 th , 2022
2-A8.50	EXTERIOR SECTION DETAILS	March 11 th , 2022
2-A8.51	EXTERIOR SECTIONS DETAILS	March 11 th , 2022
2-A8.52	EXTERIOR SECTION DETAILS	March 11 th , 2022
2-A8.53	EXTERIOR SECTION DETAILS	March 11 th , 2022
2-A8.54	EXTERIOR SECTION DETAILS	March 11 th , 2022
2-A8.55	EXTERIOR SECTION DETAILS	March 11 th , 2022
2-A8.56	EXTERIOR SECTION DETAILS	March 11 th , 2022

2-A8.57	EXTERIOR SECTION DETAILS	March 11 th , 2022
2-A8.58	EXTERIOR SECTION DETAILS	March 11 th , 2022
2-A8.60	INTERIOR SECTION DETAILS	March 11 th , 2022
2-A9.01	ATK WINDOW SCHEDULE NORTH FLOORS 3-15	March 11 th , 2022
2-A9.02	ATK WINDOW SCHEDULE EAST FLOORS 3-8	March 11 th , 2022
2-A9.03	ATK WINDOW SCHEDULE EAST FLOORS 3-8	March 11 th , 2022
2-A9.04	ATK WINDOW SCHEDULE EAST FLOORS 9-15	March 11 th , 2022
2-A9.05	ATK WINDOW SCHEDULE EAST FLOORS 9-15	March 11 th , 2022
2-A9.06	ATK WINDOW SCHEDULE SOUTH FLOORS 3-15	March 11 th , 2022
2-A9.07	ATK WINDOW SCHEDULE WEST FLOORS 3-8	March 11 th , 2022
2-A9.08	ATK WINDOW SCHEDULE WEST FLOORS 3-8	March 11 th , 2022
2-A9.09	ATK WINDOW SCHEDULE WEST FLOORS 9-15	March 11 th , 2022
2-A9.10	ATK WINDOW SCHEDULE WEST FLOORS 9-15	March 11 th , 2022
2-A9.11	ATK WINDOW SCHEDULE WEST FLOORS 3-15	March 11 th , 2022
2-A9.12	ATK WINDOW SCHEDULE MEWS & FL 1-2	March 11 th , 2022
2-A9.13	ATK WINDOW SCHEDULE FL 1-2	March 11 th , 2022
2-A9.14	ATK WINDOW SCHEDULE	March 11 th , 2022
2-A9.15	MECHANICAL PENTHOUSE SCREEN & WIND SCREEN	March 11 th , 2022
2-A9.16	INTERIOR ALUMINUM SCREENS	March 11 th , 2022
2-A9.17	DOOR SCHEDULE	March 11 th , 2022
2-A9.18	DOOR SCHEDULE	March 11 th , 2022
2-A9.19	DOOR DETAILS	March 11 th , 2022
2-A11.00	NORTH	March 11 th , 2022
2-A11.01	SOUTH	March 11 th , 2022
2-A11.02	WEST	March 11 th , 2022
2-A11.03	EAST	March 11 th , 2022
2-A11.04	MEWS	March 11 th , 2022
2-A11.05	3D VIEWS	March 11 th , 2022
2-A11.06	3D VIEWS – MEWS	March 11 th , 2022
2-A11.07	PRECAST SCHEDULE	March 11 th , 2022
Structural Drawings – Jablonsky (MKT & ATK)		
https://tchcupload.torontohousing.ca/www/?a=d&i=V5hdHDCJvU		
S-000	COVER PAGE	Jan 14 th , 2022
S-001	GENERAL NOTES	Jan 14 th , 2022
S-002	TYPICAL DETAILS	Jan 14 th , 2022
S-003	TYPICAL DETAILS	Jan 14 th , 2022
S-004	TYPICAL DETAILS	Jan 14 th , 2022
S-005	TYPICAL DETAILS	Jan 14 th , 2022
S-101	P2 LEVEL FOUNDATION PLAN	Jan 14 th , 2022
S-102	P1 LEVEL FRAMING PLAN	Jan 14 th , 2022
S-103	GROUND FLOOR FRAMING PLAN	Jan 14 th , 2022
S-104	2ND LEVEL FRAMING PLAN	Jan 14 th , 2022
S-105	3RD LEVEL FRAMING PLAN	Jan 14 th , 2022
S-106	4TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-107	5TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-108	6TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-109	7TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-110	8TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-111	9TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-112	10TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-113	11TH LEVEL FRAMING PLAN	Jan 14 th , 2022

S-114	12TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-115	13TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-116	14TH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-117-A	15TH & MPH LEVEL FRAMING PLAN	Jan 14 th , 2022
S-118-A	ROOF LEVEL FRAMING PLAN	Jan 14 th , 2022
S-119-B	MPH & ROOF LEVEL FRAMING PLAN	Jan 14 th , 2022
S-201	FOUNDATION SECTIONS	Jan 14 th , 2022
S-202	FOUNDATION SECTIONS	Jan 14 th , 2022
S-203	FOUNDATION SECTIONS	Jan 14 th , 2022
S-204	FOUNDATION SECTIONS	Jan 14 th , 2022
S-205	FOUNDATION SECTIONS	Jan 14 th , 2022
S-251	SECTIONS AND DETAILS	Jan 14 th , 2022
S-252	SECTIONS AND DETAILS	Jan 14 th , 2022
S-253	SECTIONS AND DETAILS	Jan 14 th , 2022
S-254	SECTIONS AND DETAILS	Jan 14 th , 2022
S-255	SECTIONS AND DETAILS	Jan 14 th , 2022
S-256	SECTIONS AND DETAILS	Jan 14 th , 2022
S-301	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-302	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-303	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-304	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-305	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-306	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-307	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-308	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-309	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-310	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-311	COLUMN AND WALL SCHEDULE	Jan 14 th , 2022
S-401	BEAM SCHEDULE	Jan 14 th , 2022
S-402	BEAM SCHEDULE	Jan 14 th , 2022

[Landscape Drawings ATK – JRS Studio](#)

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L100	LANDSCAPE LAYOUT PLAN_TCHC	Jan 19 th , 2022
L101	LANDSCAPE LAYOUT PLAN_TCHC	Jan 19 th , 2022
L102	COURTYARD LAYOUT PLAN_TCHC	Jan 19 th , 2022
L200	LANDSCAPE PLANTING PLAN_TCHC	Jan 19 th , 2022
L201	COURTYARD PLANTING PLAN_TCHC	Jan 19 th , 2022
L300	LANDSCAPE SECTIONS_TCHC	Jan 19 th , 2022
L400	LANDSCAPE DETAILS_TCHC	Jan 19 th , 2022
L401	LANDSCAPE DETAILS_TCHC	Jan 19 th , 2022
L500	LIGHTING PLAN_TCHC	Jan 19 th , 2022
L501	LIGHTING PLAN_TCHC	Jan 19 th , 2022
LT105	LEVEL 05 LANDSCAPE LAYOUT AND PLANTING PLAN_TCHC	Jan 19 th , 2022
LT200	LANDSCAP DETAILS_TCHC	Jan 19 th , 2022

Schedule C – Safety Scope

<https://tchcupload.torontohousing.ca/www/?a=d&i=TC3dkrtjPN>

Schedule D– Construction Schedule dated February 10, 2022

<https://tchcupload.torontohousing.ca/www/?a=d&i=xGmeWbUNRr>

Schedule E – Drawings Scope Mark-up

<https://tchcupload.torontohousing.ca/www/?a=d&i=RIJFnTXo98>

Schedule F – Spec Section 11015 Window Washing Equipment – Site 2 (ATK)

<https://tchcupload.torontohousing.ca/www/?a=d&i=p10rkqyKy0>

Schedule J – Architectural Specifications

<https://tchcupload.torontohousing.ca/www/?a=d&i=4pjSTjaPqH>