



Friday, July 10, 2026

DOCUMENT - 2026-264T

**Interior and Exterior Renovations at Peel Regional Police 12 Division, 4600
Dixie Road, Mississauga**

ADDENDUM NO. 5

Number of Pages: 18

Referring to the above Document 2026-264T - Interior and Exterior
Renovations at Peel Regional Police 12 Division, 4600 Dixie Road,
Mississauga, please note the following:

Questions and Answers

Question 1:

With reference to Separate Price No 1 Phase 2 exterior re-construction work
which includes a new concrete stair, entry ramp and sidewalk:

There is no reference made to the removal of the existing sod, concrete
sidewalk, stairs, planter beds and guard rails (as indicated as D9, D10, D11, D12
and D13 on drawing A100). Please confirm that these removal items are to be
included in Separate Price No 1.

Answer 1:

Yes, please include for demolition as well. Separate Price S.1, which includes the
exterior entrance, is to include the complete scope Demolition & Construction of
the marked area.

Question 2:

What is the extent of the seeding required at the new entrance (drawing A120)?
What planting is required (drawing A120)?

Answer 2:

Refer to Base Bid Item #2.8. Provide sod grass in sloped areas and perimeter, in all affected areas by demolition and construction. Provide low-maintenance perennials in new planters. For all of the above include required topsoil, drainage layers and watering and protection until well established.

Question 3:

Please provide details regarding the attachment/support method for the MT3 bent plate, including whether straps, Nelson studs, anchors, or other fastening methods are required, along with any applicable spacing and connection details.

Answer 3:

Contractor to follow best practice of installation for the raised planter and for the landscape edges (which could be different methods taking into account adjacent soil or concrete and planter height at each particular location).

Question 4:

Please provide specifications for the lighting controls or a lighting controls schedule.

Answer 4:**LIGHTING CONTROL SCHEDULE**

ITEM	DESCRIPTION	MINIMUM REQUIREMENTS	ACCEPTABLE MANUFACTURERS	DESIGN BASE MODEL
DIMMER LIGHT SWITCH	0-10V DIMMING LIGHT SWITCH	COMMERCIAL GRADE, 120V, 0-10V DIMMING, MINIMUM 450W LED RATING	HUBBELL, COOPER LIGHTING, LEGRAND, OR APPROVED EQUAL	LEGRAND WS4FBL3PTC
EMERGENCY LIGHTING CONTROL UNIT	EMERGENCY LIGHTING CONTROL RELAY / BYPASS DEVICE	UL 924 LISTED, PLENUM RATED, 120V, COMPATIBLE WITH 0-10V DIMMING LOOP	HUBBELL, COOPER LIGHTING, LEGRAND, OR APPROVED EQUAL	HUBBELL ALCR1277

LIGHT SWITCH WITH OCCUPANCY SENSOR	WALL-MOUNTED LIGHT SWITCH WITH INTEGRAL OCCUPANCY SENSOR	COMMERCIAL GRADE, 120V, SUITABLE FOR THE CONNECTED LIGHTING LOAD	HUBBELL, COOPER LIGHTING, LEGRAND, OR APPROVED EQUAL	DSW-301 OR APPROVED EQUAL
------------------------------------	--	--	--	---------------------------

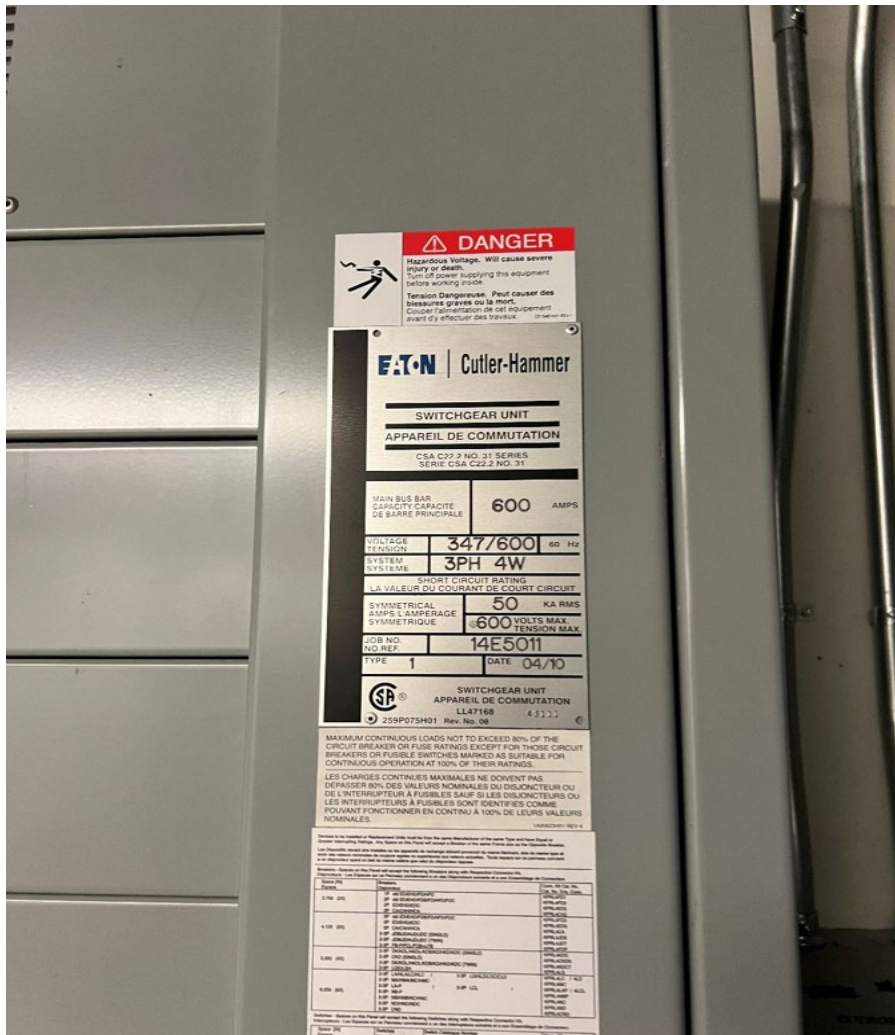
NOTE: ALL LIGHTING CONTROL DEVICES SHALL BE COMPATIBLE WITH THE CONNECTED LIGHTING LOADS, 0-10V DIMMING DRIVERS, EMERGENCY LIGHTING CONTROL REQUIREMENTS, AND APPLICABLE ELECTRICAL CODE REQUIREMENTS. CONTRACTOR SHALL CONFIRM DEVICE COMPATIBILITY PRIOR TO INSTALLATION.

Question 5:

Could you please provide photos of the panel PP0 and any information showing the panel make/model? This will help us confirm the correct breaker type and ensure compatibility.

Answer 5:

Panelboard PP0 Nameplate:



Panelboard PP0 Distribution Section:



Question 6:

Could you please provide specifications for the light fixture type LS-1?

Answer 6:

There is no LS-1 light fixture. Please refer to the lighting schedule for all specified lighting fixtures.

Question 7:

Please confirm if the 120/240V NEMA 3R panel being fed from the proposed new 2P/50A breaker can be provided as a wall-mounted panelboard with a NEMA 3R enclosure.

Answer 7:

A NEMA 3R enclosure is acceptable.

Question 8:

Refer to drawing A060, Item 1.2 - B.B., can the extent of the excavation for the waterproof be clarified, is this applied to east side of the exterior building line from grid line A to D only?

Answer 8:

Item 1.2 - B.B. refers to replacement of exposed insulation protection board around the entire perimeter of the building. Excavation should be low enough to allow for replacement of the CFI to tie into the existing drainage board. Required excavation for the waterproofing and foundation repair is occurring at the southern corner of the planter bed along GL5 between D and E, and is associated with Item 2.1 - B.B. It is assumed that this will require excavation to the basement slab, but the exact extent is unknown.

Question 9:

Detail 5/A400 is being referenced for both east and south waiting room walls, the detail includes references for alum plate panels. Please confirm if east wall is to be clad with alum plate panels.

Answer 9:

Correct. East and West walls beside the main entrance are to be reclad in alum. plate per W1 assembly.

Question 10:

The product code for the VR1, is 21020963 is for Light pure Grey where as for the color section 0969- is for Light cool Beige? Please advise which color to pick?

Answer 10:

Remove reference to 21020963. Colour selection to be 'Light Cool Beige 0969'.

Question 11:

As per the snippet below from Finish Floor Plan A-1000, what does it mean by PCT1 above? as per room Finish schedule Tile Base to be CT1? Please advise.

Answer 11:

All interior walls in both washrooms to be PCT4 to a 5'-0" datum, and GWB painted PT1 above. Include for a CT1 baseboard tile.

Question 12:

Please provide the complete scope of work for Alternative Pricing Request – Option 2, specifically regarding the required floor finishes. The Room Finish Schedule does not identify the floor finish types, finish codes, or applicable specifications for the areas included under this separate pricing option.

Answer 12:

Floors [PCT2] - Baseboard [CT1] - Walls [PCT4] to 5'-0" datum and [PT1] above - Ceiling existing and to remain.

Question 13:

Please clarify the Staff area, 107a and b, and 108 - I just want to confirm the finishes on the room finish schedule: room 105a and 105b show a vinyl base, and 107a, 107a, and 108 show a tile base on VR1 flooring. I am just confirming as it is atypical for this combination.

Answer 13:

The rooms 105a and 105b, Existing Corridors, have new PCT1 flooring (porcelain tile) with new vinyl base VB1. Where the old flooring stays, repair and replace existing baseboard (which is noted as xVB1).

The rooms 107a, 107b and 108, Reception Areas on the new raised floor system, have vinyl flooring VR1. Eliminate CT1 ceramic base in the raised floor areas with VR1 flooring and provide VB1 vinyl baseboard.

Question 14:

Please provide pictures of the existing switchboard lineup. This will allow Eaton to determine available space within the switchboard for the proposed breaker addition. While we have as-built drawings on record, there is no determining if any modifications have been made in the field after the delivery of this switchboard.

Answer 14:

Please refer to the Q&A #5 above.

Question 15:

Please confirm when a purchase order can be expected to be issued. This is important as this EATON switchboard is a legacy switchboard and will require a legacy breaker that will soon be obsolete. If project completion is scheduled into next year, then an alternate solution to provide this feeder would need to be accounted for.

Answer 15:

A purchase order could be expected in August 2026.

Question 16:

Please provide details of the cast in place concrete seating – note 01 on drawing A120.

Answer 16:

Please refer to the attached updated section 01/A211 (1 page) and Structural Addendum SA-01 (3 pages).

Question 17:

Could you please clarify how General Requirements, Manpower, Contingency, Overhead, and Profit should be accounted for within the Base Bid?

Should these costs be included as separate line items, or are they expected to be incorporated into and distributed among Base Bid Items #1.1, #1.2, #1.3, #2.4, #2.5, #2.6, and #2.8?

If these costs are to be allocated across the listed bid items, we would appreciate guidance on the preferred allocation methodology, as these are project-wide costs and can be challenging to distribute proportionally among the individual bid items. Alternatively, would it be acceptable to treat each Base Bid item as a standalone scope of work and include an appropriate share of these costs within each item's pricing?

If a separate line item is preferred, could you please advise where it should be included in the bid form?

Answer 17:

The listed costs should be distributed into the appropriate scope item categories. Fees and Overhead allocation are at the bidder's discretion.

Question 18:

The assembly for furring walls F1 and F2 state Repair 16 mm drywall as required. Could you please clarify the extent of the drywall patching required? Based on the tender drawings, it's difficult to determine how much patching is expected.

Answer 18:

Exact extents are unknown, but the existing drywall is generally in good condition, and repair to existing is expected to be minimal. Patching and repair is expected where new walls and finishes interface with existing conditions.

Question 19:

Please confirm if A/V cabling to be included in tender price.

Please advise specifications for the A/V cabling.

Answer 19:

Refer to Addendum 3, Question #16.

Question 20:

Confirm the thickness of the existing concrete slab at the locations of the proposed floor drains.

Confirm whether concrete scanning or X-ray is required prior to coring to identify existing reinforcing steel.

If scanning is required, please confirm whether it is to be included in the Contractor's scope or will be arranged by the Owner.

Answer 20:

Scanning is required prior to coring and is to be included under the contractor's scope. Level 1 slab +/- 4.5" inclusive of steel deck. Exact dimension of basement and exterior slab are unknown.

Question 21:

Add#2 Q/A 7 lists the electrical scope of work for the temporary trailer; however, our understanding is that it is under cash allowance. Please clarify if all scope related to the electrical for the temp. trailer is under Cash allowance.

Answer 21:

Addendum No 2, Question #7 refers to work inside the temporary office within the building and is not associated with the cash allowance for the trailers.

Question 22:

Will the phases be carried out sequentially, with each phase starting only after the previous one is complete?

Answer 22:

Phases will be carried out sequentially.

Question 23:

BB 1.2 states, Foundation work on the South-East façade where the new ramp and exit platform are to be installed is to be priced and completed under the Base Bid scope of Item 1.2.

Could you please confirm that Item 1.2 is intended to include all work associated with the foundation in this area, including excavation, reinforcing steel, concrete, and all related work required to complete the foundation for the new ramp and exit platform?

Answer 23:

Confirmed.

Question 24:

Please confirm temporary electrical distribution shown on E-08 is included within the cash allowance.

Please provide utility locates for all proposed excavation areas.

Please confirm no contaminated soil is anticipated.?

Answer 24:

Temporary electrical distribution to trailers is included in the cash allowance.

Utility Locates are not available at this time, and shall be the responsibility of the awarded vendor to complete under this contract.

No contaminated soil is anticipated.

Question 25:

There is mention of sliding automatic doors in the specs but in the drawings for door schedule, it is marked as deleted. Please confirm if we need to take the doors into consideration?

Answer 25:

Refer to Addendum No 3, Question #13.

Question 26:

BB 2.4 on Drawing A060 indicates that the scope includes demolition and removal of the existing exterior sitework and construction, including sidewalks, stairs, and planter beds. However, BB 2.4 in the Bid Form and on Drawing A062 states, Provide all labour, materials, equipment, and supervision necessary for the removal of existing raised concrete planter beds.

Could you please confirm whether the scope of BB 2.4 is limited to the removal of the existing raised concrete planter beds only, or if it also includes the demolition and removal of the existing sidewalks, stairs, and other exterior sitework shown on Drawing A060?

Answer 26:

Correct, BB 2.4 is limited to removal of existing raised concrete planter beds only.

Question 27:

Item 1.2 indicates that foundation work at the South-East façade where the new barrier-free ramp and exit platform are located is to be included under Item 1.2. Item 2.5 also indicates remediation of foundation insulation adjacent to the new barrier-free ramp and provision of new protection board. Please confirm the intended scope separation between Items 1.2 and 2.5 to avoid duplication.

Answer 27:

Item 2.5 and 2.6 will proceed regardless of whether or not the reconstruction of the exterior ramp and entrance occurs, and are intended to be included in the base bid scope. This includes complete replacement of the insulation cover board to areas adjacent to the proposed ramp, and remediation of the foundation wall in the basement respectively.

Question 28:

Please advise on the type of construction for the building to get proper pricing on the insurance.

Answer 28:

Construction type is a mixture of structural steel and concrete.

Question 29:

Addendum #3 includes a revised lighting fixture schedule; however, the manufacturer for Fixture Type L6 has not been identified. Please confirm the specified manufacturer and provide the complete fixture specification for L6.

Answer 29:

Refer to Addendum No 3, Question #10 - Lithonia Lighting, FMVCSLS Vanity LED, Model# FMVCSLS 24IN MVOLT 30K35K40K 90CRI BN M6.

Question 30:

During tender closing, General Contractors often receive the majority of subcontractor quotations in the final few minutes before the submission deadline. This makes it extremely challenging to accurately incorporate all pricing into the required itemized base bid, separate prices, and detailed breakdowns within the available time.

Would the Owner consider allowing bidders to submit a lump sum bid price at the time of tender closing, with the required itemized base bid, separate prices, and detailed pricing breakdown to follow within 24–48 hours?

This approach would improve pricing accuracy, reduce the risk of last-minute errors, and still provide the Owner with the detailed information required for bid evaluation.

Answer 30:

All pricing shall be submitted as required. Bidders are responsible for ensuring that all required information is completed and included with their tender submission prior to the closing time.

Question 31:

The number and complexity of the separate prices in addition to the base bid breakdown is excessive and will be highly cumbersome to submit with accuracy. It also increases the potential for errors and bidders running out of time at closing which will reduce the number of compliant bids. Please refer to CCDC 23 Guideline for Calling Tenders and Awarding Construction Contracts Paragraph 7.6 Two-Stage Bid Closing. This outlines a fair and reasonable way to host a closing that requires an extensive amount of information such as this bid. Please keep in mind bidders do not receive bids from subcontractors until the day of the closing and sometimes minutes before the bids are due. The Bids require time for analysis and time for entering prices and this is very difficult to do when there are so many different line items that need to be provided at the last minute. Compound this with the number of different trades involved in each of the different prices and it is not reasonable. The manner in which the bid form has been prepared does not demonstrate consideration of this. Please make this a two part closing or reduce the amount of information you are requesting and if this can't be accommodated could you kindly provide an explanation as to why The Region is opposed to hosting the tender as per the CCDC Guidelines?

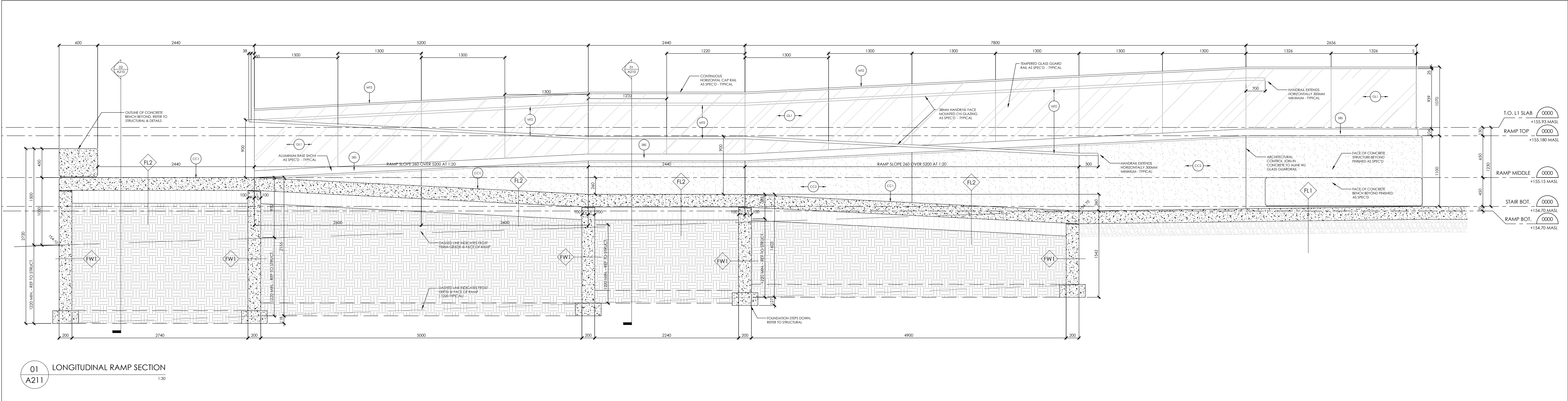
There is another Peel Police project closing for 180 Derry Road at the same time as this tender. Can you please coordinate the closings so they do not occur on the same day at the same time?

Answer 31:

Please refer to the Q&A #30 above. The existing closing date & time will remain no change.

Colin Zeng

Senior Procurement Analyst



SECTION LEGEND						DRAWING NOTES
EXISTING WALLS AND PARTITIONS TO REMAIN. CONTRACTOR TO PROTECT DURING DEMOLITION. TYPES VARY. REFER TO SCHEDULES EXISTING BLOCK MASONRY WALLS AND PARTITIONS TO REMAIN. CONTRACTOR TO PROTECT DURING DEMOLITION. NEW WALL / PARTITION CONSTRUCTION DENOTES GLAZING REQUIRING NEW INTERIOR FIRE SHUTTER SYSTEM. REFER TO DETAILS DENOTES ASSEMBLY CONTAINING ACOUSTIC BATT INSULATION WALL TYPE TAG - SEE WALL ASSEMBLIES FLOOR TAG - SEE FLOOR ASSEMBLIES WINDOW TAG - SEE FRAME SCHEDULE NO CHANGES TO EXTERIOR WINDOWS DOOR TAG - SEE DOOR SCHEDULE	ROOM # ROOM NAME AREA (SQ. FEET) ROOM NAME AND NET AREA A- ELEVATION AND DIRECTION RAISED FLOOR SYSTEM - REFER TO DETAILS WALL FINISH TAG - REFER TO SCHEDULES	HATCH DENOTES EXTENT OF NEW CONCRETE (SECTION CUT) HATCH DENOTES EXTENT OF NEW CONCRETE IN ELEVATION HATCH DENOTES EXTENT OF NATIVE SOIL HATCH DENOTES EXTENT OF COMPRESSIBLE VOID FORM HATCH DENOTES EXTENT OF GRAVEL FILL HATCH DENOTES EXTENT OF GLASS IN ELEVATION HATCH INDICATES EXTENT OF AREA OUTSIDE OF PROJECT SCOPE				

- Copyright of this drawing is reserved by the Architect. The drawing, and all associated documents are instruments of service by the Architect. The drawing, and the information contained therein, may not be reproduced in whole or in part without prior written permission of the Architect.
- These Contract Documents are the property of the Architect. The Architect bears no responsibility for the interpretation of these documents by the Contractor. Upon written application the Architect will provide engineering certification or supplementary information regarding the intent of the Contract Documents. The Architect will review Shop Drawings submitted by the Contractor for design conformance only.
- Drawings are not to be scaled for construction. The Contractor is to verify all existing conditions and dimensions required to perform the work and report and discrepancies with the Contract Documents to the Architect before commencing any work.
- Positions of exposed finishes for mechanical or electrical devices, fitting and fixtures are indicated on architectural drawings. The location shown on the architectural drawing govern over the mechanical and electrical drawings. Those items not clearly located will be located as directed by the Architect.
- These drawings are not to be used for construction unless noted below as "Issued for Construction".
- All work is to be carried out in conformance with the Code and Bylaws of the Authorities having jurisdiction.
- The Architect of these plans and specifications gives no warranty or representation to any party about the constructability of the buildings represented by them. All contractors or subcontractors must satisfy themselves when bidding and at all times ensure that they can properly construct the work represented by these plans.
- Drawings/Specifications "Issued for Construction" are to the best of our knowledge an accurate representation of documented revisions. In the case of any discrepancy, omission or conflict between the "Issued for Construction" documents and the contract documents, the contractor is to promptly notify the architect.

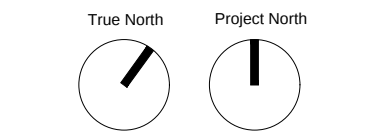
No.	Revision	Date
01	ISSUED FOR BUILDING PERMIT	26.01.12
02	ISSUED FOR NEW INTERNAL TENDER DRAFT REVIEW	26.02.02
03	ISSUED FOR SPAX	26.02.04

07	ISSUED 100% TENDER DRAFT	26.03.27
08	ISSUED FOR TENDER	26.04.10

11	RE-ISSUED FOR TENDER	26.05.19
12	RE-ISSUED FOR TENDER	26.06.25
13	RE-ISSUED FOR TENDER	26.07.03

AXIM
DESIGN ASSOCIATES INC.

133 Roncevalles Avenue
Toronto, ON, CANADA M6R 2L2
TEL : +1 416 345 4301



PEEL REGIONAL POLICE
DIVISION 12 - INTERIOR & EXTERIOR RENOVATIONS

4800 Dixie Road,
Mississauga, ON, L4W 2R1

THE REGIONAL
MUNICIPALITY OF PEEL



RAMP SECTIONS

250512
May 19th, 2026
1:30
MG

project number
set issue date
scale
drawn by
sheet

A211

STRUCTURAL ADDENDUM-No: SA-01

25-0210-10

To: Axia Design Associates

Date

July 7, 2026

Re: 4600 Dixie Rd., Mississauga, ON
Peel Regional Police Division 12 - Interior & Exterior
Renovations

The following items are changes to project Contract Structural Documents. General Contractors shall include the items described in their tender bid including all labour, material, equipment and services required to complete the work described.

Specifications

Drawings Issued

Dwg No.	Drawing Title	Revision	Date
S101	General Notes	7	2026-07-07
S201	Landing, Stair and Ramp Framing/ Foundation	7	2026-07-07

Description of Revisions

1.0 S101 – General Notes

1.1 Added concrete strength for benches in table D.1.

2.0 S201 -Landing, Stair and Ramp Framing/ Foundation

2.1 D/S201 – Added typical bench reinforcing detail.

Engineering Link Incorporated



Per: Anthony Gianfelice, P.Eng.
b: 416-599-LINK (5465)
c: 647-542-5154
e: anthony.g@englink.ca



To: Lesisdania Reynoso
Cc: Michael Good

leisdania@axiadesign.ca
mike@axiadesign.ca

File: h:\2025\0001 - 0599\25-0210 - 4600 dixie rd, mississauga\structural\07 contract_admin\01 addendum\25-0210-10 - sa-s01.docx

GENERAL NOTES

A. GENERAL INFORMATION

1. READ STRUCTURAL DOCUMENTS IN CONJUNCTION WITH CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DOCUMENTS.
2. CONTRACTOR TO BE RESPONSIBLE FOR CHECKING SITE CONDITIONS AGAINST DOCUMENTS BEFORE PROCEEDING WITH THE WORK, AND REPORT DISCREPANCIES TO THE CONSULTANT.
3. CONTRACTOR TO PROVIDE LABOUR, MATERIALS, AND EQUIPMENT TO COMPLETE ALL STRUCTURAL WORK INDICATED.
4. CARRY OUT CONSTRUCTION OPERATIONS, INCLUDING THE INSTALLATION OF TEMPORARY GUYING AND SHORING REQUIRED, ENSURING THAT THE EXISTING STRUCTURE OR MEMBERS ALREADY ERECTED ARE NOT LOADED IN EXCESS OF THEIR SAFE LOAD CARRYING CAPACITY.
5. STRUCTURAL DOCUMENTS DO NOT NECESSARILY SHOW ALL OPENINGS AND SLAB VARIATIONS REQUIRED. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR THE EXACT LOCATION, NUMBER, AND SIZE OF OPENINGS, TRENCHES, PITS, SUMPS, SLEEVES, AND DEPRESSIONS. PROVIDE STRUCTURAL FRAMING AT THESE LOCATIONS IN ACCORDANCE WITH THE APPLICABLE TYPICAL DETAIL.

B. REFERENCE STANDARDS / CODES AND ACTS

1. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH AND SHALL BE CONSTRUCTED TO CONFORM WITH THE 2024 ONTARIO BUILDING CODE, ONTARIO REGULATION 203/24 (REFERRED TO AS "THE BUILDING CODE"), ANY APPLICABLE ACTS OF ANY AUTHORITY HAVING JURISDICTION, AND THE FOLLOWING:

TABLE B.1: REFERENCE STANDARDS

REF	CODE	TITLE
a)	CAN/CSA A23.1	CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION
b)	CAN/CSA A23.2	METHODS OF TEST FOR CONCRETE
c)	CAN/CSA A23.3	DESIGN OF CONCRETE STRUCTURES
d)	CAN/CSA-S16	LIMIT STATES DESIGN OF STEEL STRUCTURES
e)	CAN/CSA G40.20/G40.21	STRUCTURAL QUALITY STEEL
f)	RSIC	REINFORCING STEEL INSTITUTE OF CANADA, MANUAL OF STANDARD PRACTICE

2. ALL STANDARDS AND PUBLICATIONS REFERENCED BY THE STANDARDS NOTED ABOVE ARE TO APPLY.
3. WHERE THERE ARE DIFFERENCES BETWEEN THE DOCUMENTS AND THE STANDARDS, CODES AND ACTS, THE MOST STRINGENT SHALL GOVERN.

C. SUBMITTALS

1. SUBMIT FOR REVIEW BY THE VARIOUS CONSULTANTS, DETAILED INFORMATION FOR ALL TEMPORARY AND PERMANENT STRUCTURAL WORK. THIS INCLUDES, BUT IS NOT LIMITED TO:

TABLE C.1: REQUIRED SUBMITTALS

ITEM	SUBMISSION TO BE SEALED BY PROFESSIONAL ENGINEER	COMMENTS
STRUCTURAL STEEL SHOP DRAWINGS	YES	
MISCELLANEOUS METAL SHOP DRAWINGS	YES	FOR LADDERS, STAIRS, GUARD / HAND RAILS.
REINFORCING STEEL (REBAR) SHOP DRAWINGS	NO	
LIGHT-GAUGE (COLD-FORMED) STEEL FRAMING SHOP DRAWINGS	YES	

2. CONTRACTOR SHALL ALLOW FOR A TURN AROUND TIME OF FIVE WORKING DAYS FOR THE REVIEW OF THESE SUBMISSIONS.
3. OUR REVIEW OF THE SHOP DRAWINGS IS ONLY FOR GENERAL CONFORMITY WITH STRUCTURAL CONTRACT DOCUMENTS AND SPECIFICATIONS. COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE STRUCTURAL CONTRACT DOCUMENTS AND SPECIFICATIONS, NOR DO THEY AUTHORIZE ANY CHANGES TO THE CONTRACT. REVIEW OF A SPECIFIC ITEM SHALL NOT INCLUDE REVIEW OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. THE CONTRACTOR'S RESPONSIBILITIES INCLUDE ALL QUANTITIES, DETAIL DIMENSIONS, FIELD MEASUREMENTS, FABRICATION PROCESS, MEANS, METHODS, SEQUENCES, AND PROCEDURES OF CONSTRUCTION, COORDINATION OF WORK WITH ALL TRADES AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER. THE REVIEW OF SHOP DRAWINGS DOES NOT IMPLY ANY CHANGE IN ANY OTHER CONSULTANTS' OR PROFESSIONALS' RESPONSIBILITY RELATED TO DESIGN OF SPECIFIC ITEMS AS OUTLINED BY THE SPECIFICATIONS (SUCH AS STRUCTURAL STEEL CONNECTIONS, STEEL JOISTS, PRECAST ELEMENTS, ETC.). AFTER REVIEW, THE DRAWINGS WILL BE STAMPED AND RETURNED TO SHOW ONE OF THE FOLLOWING:

NOT REVIEWED SHOWS WORK WHICH IS NOT WITHIN THE SCOPE OF STRUCTURAL CONSULTING SERVICES.

REVIEWED NO DEVIATIONS FROM THE CONTRACT DOCUMENTS NOTED.

NOTED WE HAVE MADE COMMENTS TO BE REVIEWED / INCORPORATED. SUBMIT RECORD PRINT.

RESUBMIT REVISE AND RE-SUBMIT FOR REVIEW.

D. MATERIALS

1. PROVIDE ONLY NEW STRUCTURAL MATERIALS IN ACCORDANCE WITH THE REFERENCE STANDARDS AND THE FOLLOWING, UNLESS OTHERWISE NOTED.
- 1.1. CONCRETE:
- 1.1.1. CONCRETE STRENGTHS FOR STRUCTURAL ELEMENTS SHALL BE AS PER TABLE BELOW, UNLESS NOTED OTHERWISE ON PLANS, SCHEDULES, AND/OR SECTIONS.

TABLE D.1: CONCRETE STRENGTHS

STRUCTURAL ELEMENT	CONCRETE STRENGTH (f'c) @ 28 DAYS, MPa	EXPOSURE CLASS	AIR CONTENT	COMMENTS
FOUNDATIONS				
FOOTINGS	25			
SLABS				
FOUNDATION WALLS, SLABS AND RAMPS AND CONCRETE BENCHES	35	C-1	5% - 8%	DCI CORROSION INHIBITOR

STRUCTURAL ELEMENT	CONCRETE STRENGTH (f'c) @ 28 DAYS, MPa	EXPOSURE CLASS	AIR CONTENT	COMMENTS
NOTES				
1.	CONCRETE STRENGTHS FOR STRUCTURAL ELEMENTS SHALL BE AS PER THIS TABLE UNLESS OTHERWISE NOTED ON PLANS, SCHEDULES, OR SECTIONS.			
2.	CONCRETE COLUMNS AND WALLS EXPOSED TO CHLORIDES SHALL BE A MINIMUM OF 35MPa, "C-1" EXPOSURE CLASS WITH 5% - 7% AIR CONTENT AND DCI CORROSION INHIBITOR.			
3.	CONTRACTOR SHALL REVIEW PROPOSED CONCRETE SLUMP BY THE CONCRETE MIX DESIGNER, REINFORCEMENT CONGESTION, AND WORKABILITY PRIOR TO AND DURING POUR TO AVOID HONEYCOMBING OR VOIDS.			
4.	NOTIFY ENGLINK IN WRITING IF CONDITIONS MAY PREVENT PROPER CONSOLIDATION. CORRECTIVE WORK DUE TO INADEQUATE PLACEMENT SHALL BE AT CONTRACTOR'S COST.			

- 1.2. REINFORCING STEEL: CONFORM TO CSA G30 SERIES, GRADE 400.

- 1.3. STRUCTURAL STEEL:

- 1.3.1. STRUCTURAL WIDE FLANGE (W) AND WELDED WIDE FLANGE SHAPES (WWF) TO CONFORM TO CAN/CSA G40.20/G40.21 GRADE 350W.

- 1.3.2. ANGLES (L), CHANNELS (C), AND PLATES TO CONFORM TO CAN/CSA-G40.20/G40.21 GRADE 300W.

- 1.3.3. HOLLOW STRUCTURAL SECTIONS (HSS) TO CONFORM TO ASTM A500 GRADE C.

- 1.4. PRIME PAINT: CONFORM TO CISC/CPMA STANDARD 2-75.

- 1.5. HOT DIP GALVANIZING: CONFORM TO CSA-G164, MINIMUM ZINC COATING OF 600 g/m².

- 1.6. STRUCTURAL BOLTS, NUTS, AND WASHERS: CONFORM TO ASTM A325M.

- 1.7. NON-SHRINK GROUT = COMPRESSIVE STRENGTH OF 35 MPa AT 24 HOURS.

- 1.8. POST-INSTALLED ANCHORS: PROVIDED BY HILTI (CANADA) CORPORATION. CONTACT HILTI AT (800) 363-4458 FOR PRODUCT RELATED QUESTIONS.

E. EXECUTION

1. FOUNDATIONS

- 1.1. FOUND ALL FOOTINGS (AND UNDERPINNING) ON SOIL CAPABLE OF SUSTAINING A MINIMUM ULTIMATE LIMIT STATES / SERVICE LIMIT STATES BEARING STRESS (ULS/SLS) OF 225 kPa/150 kPa.

- 1.2. FOUND ALL FOOTINGS WHICH WILL BE EXPOSED TO FROST ACTION IN THE COMPLETED BUILDING A MINIMUM OF 1200 mm (4'-0") BELOW FINISHED GRADE.

- 1.3. DO NOT EXCEED A RISE OF 7 IN A RUN OF 10 IN THE LINE OF SLOPE BETWEEN ADJACENT FOOTING EXCAVATIONS OR ALONG STEPPED FOOTINGS. FOR STEPPED FOOTINGS, USE STEPS NOT EXCEEDING 600 mm (2'-0") IN HEIGHT AND A MINIMUM OF 1200 mm (4'-0") IN LENGTH.

- 1.4. SOIL BEARING CAPACITY SPECIFIED MUST BE VERIFIED BY THE SOIL ENGINEER PRIOR TO THE PLACING OF FOOTINGS AND ANY NON-CONFORMANCE WITH THE SPECIFIED MINIMUM CAPACITIES MUST BE IMMEDIATELY REPORTED TO THE STRUCTURAL ENGINEERS.

2. CONCRETE

- 2.1. CONSTRUCTION JOINTS FOR WALLS, SLABS, AND BEAMS NOT SHOWN ON THE DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL CONSULTANT BEFORE CONSTRUCTION. GENERALLY JOINTS IN SLABS SHALL BE AT RIGHT ANGLES TO THE SPANS, AT MID-SPAN IF POSSIBLE, AND BE CLEAR OF SUPPORTS AND POINT LOADS.

- 2.2. WHEN ATMOSPHERIC TEMPERATURE IS AT OR BELOW 5°C, OR WHEN THERE IS A POSSIBILITY OF IT FALLING TO THAT LIMIT, PLACE CONCRETE IN ACCORDANCE WITH THE REQUIREMENTS OF CAN/CSA A23.1 "COLD-WEATHER CONCRETING" AND ACI 306 "RECOMMENDED PRACTICE FOR COLD-WEATHER CONCRETING". WHEN ATMOSPHERIC TEMPERATURE IS AT OR ABOVE 27° C, PLACE CONCRETE IN ACCORDANCE WITH CAN/CSA A23.1 "HOT WEATHER CONCRETING" AND ACI 305 "RECOMMENDED PRACTICES FOR HOT WEATHER CONCRETING".

- 2.3. COVER FOR REINFORCING STEEL BARS IN CONCRETE SHALL BE AS PER TABLE BELOW, UNLESS NOTED OTHERWISE ON PLANS, SCHEDULES, AND/OR SECTIONS.

TABLE E.1: CONCRETE COVER TO REINFORCEMENT

STRUCTURAL ELEMENT	
SLABS/RAMPS	40 (1 1/2")
FOUNDATION WALLS	50 (2") OR 1.5 db
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	75 (3")

NOTES

1. MEASURE CONCRETE COVER FROM DEEPEST POINT OF CONCRETE SURFACE TO NEAREST REINFORCING SURFACE. MEASURE CLEAR COVER TO SURFACE OF NEAREST TIE, STIRRUP, OR MAIN REINFORCING BAR UNLESS SPECIFICALLY NOTED.

2. MINIMUM COVER PROVIDED FOR ANY REINFORCED CONCRETE STRUCTURAL ELEMENT SHALL BE THE GREATER OF 20 (3/4") OR 1.0 db UNLESS NOTED OTHERWISE.

3. CONCRETE COVER PROVIDED SHALL CONFORM TO THE REQUIREMENTS OF CSA A23.1.

4. PROVIDE THE GREATER OF THE COVERS INDICATED IN TABLE E.1 FOR EACH ELEMENT.

5. MEMBRANES SHALL MEET THE REQUIREMENTS OF CSA S413.

6. PROVIDE 40 (1 1/2") COVER WHERE VERTICAL ELEMENTS ARE PROTECTED BY A MEMBRANE (OR SEALANT) EXTENDING 100 (4") ABOVE THE FLOOR LEVEL ON ALL SIDES. WHERE NO MEMBRANE OR SEALANT IS PROVIDED, THE REQUIREMENTS FOR CORROSIVE ENVIRONMENTS SHALL APPLY.

7. WHERE TWO VALUES ARE PROVIDED IN TABLE E.1, PROVIDE COVER EQUAL TO THE GREATER OF THE TWO VALUES.

8. "db" CORRESPONDS TO BAR DIAMETER.

3. STRUCTURAL STEEL

- 3.1. PAINT ALL STRUCTURAL STEEL TO REQUIREMENTS OF CISC/CPMA 2-75. TOUCH UP ALL FIELD WELDS.

- 3.2. ALL STRUCTURAL STEEL EXPOSED TO WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH CSA G164.

- 3.3. ALL WELDS SHALL CONFORM TO CSA STANDARD W59.

- 3.4. ALL WELDS EXPOSED TO VIEW SHALL BE GROUND SMOOTH.

- 3.5. ANY ORGANIZATION UNDERTAKING TO WELD UNDER THIS CONTRACT SHALL BE CERTIFIED BY THE CANADIAN WELDING BUREAU UNDER REQUIREMENTS OF DIVISION 1 OR DIVISION 2.1 OF W47.1.

- 3.6. DO NOT SPLICE STRUCTURAL STEEL SECTIONS WITHOUT PRIOR APPROVAL OF THE CONSULTANT. ALL SPLICES SHALL DEVELOP THE FULL CAPACITY OF THE SECTION AND ARE TO BE TESTED BY NON DESTRUCTIVE METHODS, BY AN INDEPENDENT INSPECTION AND TESTING COMPANY, AT THE CONTRACTOR'S EXPENSE.

- 3.7. COMPLETELY FILL VOIDS BENEATH STEEL BASES ON CONCRETE WITH AN APPROVED NON-SHRINK 36 MPa (5 ksi) GROUT.

- 3.8. SEE ARCHITECTURAL DRAWINGS FOR FIREPROOFING REQUIREMENTS. CONFIRM COMPATIBILITY OF FIREPROOFING MATERIAL WITH STEEL PAINT.

4. POST-INSTALLED ANCHORS

- 4.1. MATERIALS

- 4.1.1. EXCEPT WHERE INDICATED ON THE DRAWINGS, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS PROVIDED BY HILTI (CANADA) CORPORATION. CONTACT HILTI AT (800) 363-4458 FOR PRODUCT RELATED QUESTIONS.

- 4.1.2. ALL POST-INSTALLED ANCHORS SHALL ONLY BE INSTALLED IN A DRY CONDITION FOR INTERIOR EXPOSURE, AND A DRY OR WATER-SATURATED CONDITION FOR EXTERIOR EXPOSURE. WATER-FILLED INSTALLATION IS NOT PERMITTED UNLESS APPROVED BY THE CONSULTANT.

- 4.1.3. ALL ANCHORS EXPOSED TO WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH CSA G164.

- 4.2. QUALITY ASSURANCE

- 4.2.1. POST-INSTALLED ANCHORS SHALL ONLY BE EXECUTED BY TRAINED PERSONNEL. INSTALLATION OF ALL POST-INSTALLED ANCHORS SHALL BE PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) AND THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. A RECORD OF TRAINING SHALL BE KEPT ON SITE AND MADE AVAILABLE TO THE STRUCTURAL CONSULTANT OR THE INDEPENDENT TESTING AND INSPECTION COMPANY UPON REQUEST.

- 4.2.2. POST-INSTALLED ADHESIVE ANCHORS, BOTH HORIZONTALLY AND UPWARDLY INCLINED, SUPPORTING SUSTAINED TENSION LOADS SHALL BE PERFORMED BY PERSONNEL CERTIFIED BY AN APPLICABLE CERTIFICATION PROGRAM. SUCH AS ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM OR APPROVED EQUIVALENT. PROOF OF CERTIFICATION SHALL BE SUBMITTED TO THE STRUCTURAL CONSULTANT AND THE SPECIAL INSPECTOR PRIOR TO STARTING THE WORK.

- 4.2.3. THE OWNER OR OWNER'S AGENT SHALL RETAIN A SPECIAL INDEPENDENT TESTING AND INSPECTION COMPANY CERTIFIED TO INSPECT POST-INSTALLED ANCHORS. THE TESTING AND INSPECTION COMPANY SHALL INSPECT ALL ASPECTS OF HILTI ANCHOR INSTALLATION IN ACCORDANCE WITH THE APPROVED CONTRACT DOCUMENTS. THE MPII, CSA A23.3-19 ANNEX D' AND ACI 355.4. THE CONTRACTOR SHALL COORDINATE WITH THE RETAINED INSPECTION AND TESTING COMPANY TO COMPLETE ALL REQUIRED INSPECTIONS AND PROOF LOADING REQUIREMENTS.

- 4.3. DESIGN

- 4.3.1. ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS THAT HAVE BEEN SEALED BY ANOTHER LICENSED ENGINEER DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF MEETING THE PERFORMANCE OF THE SPECIFIED PRODUCT. SUBSTITUTIONS WILL BE EVALUATED BY THEM HAVING AN ICCES ESR SHOWING COMPLIANCE WITH THE RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE, INSTALLATION TEMPERATURE, MOISTURE CONDITION OF CONCRETE, AND DRILLING METHODS.

- 4.3.2. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.

- 4.4. EXECUTION

- 4.4.1. SPECIAL INSPECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE BUILDING CODE AND ACI 355.4. SPECIAL INSPECTION IS DEFINED AS A FUNCTION PERFORMED BY QUALIFIED SPECIAL INSPECTORS IN THE EMPLOY OF THE OWNER OR THE OWNER'S AGENT.

- 4.4.2. ALL ADHESIVE ANCHORS THAT ARE NOT SUBJECT TO SUSTAINED TENSION LOADS SHALL BE PERIODICALLY INSPECTED BY THE RETAINED INDEPENDENT INSPECTION AND TESTING COMPANY DURING INSTALLATION IN ACCORDANCE WITH ACI 355.4. AT THE SPECIAL INSPECTOR'S DISCRETION, SUBSEQUENT ANCHOR INSTALLATION OF THE SAME ANCHOR SIZE AND TYPE, BY THE SAME CONSTRUCTION PERSONNEL SHALL BE PERMITTED TO BE PERFORMED IN THE ABSENCE OF THE SPECIAL INSPECTOR. ANY CHANGE IN THE ANCHOR PRODUCT BEING INSTALLED, OR THE PERSONNEL PERFORMING THE INSTALLATION, SHALL REQUIRE AN INITIAL SPECIAL INSPECTION IN ACCORDANCE WITH 13.2.3. FOR ONGOING INSTALLATIONS OVER AN EXTENDED PERIOD OF TIME, THE SPECIAL INSPECTOR SHALL MAKE REGULAR INSPECTIONS TO CONFIRM CORRECT HANDLING AND INSTALLATION OF THE PRODUCT. REPORTS SUMMARIZING THE FINDINGS OF THE INSPECTION SHALL BE SUBMITTED TO THE STRUCTURAL CONSULTANT.

- 4.4.3. AT A MINIMUM, THE FOLLOWING ITEMS MUST BE VERIFIED DURING INSPECTION:

- 4.4.3.1. HOLE DRILLING METHOD IN ACCORDANCE WITH MPII.

- 4.4.3.2. ANCHOR EDGE DISTANCE AND SPACING.

- 4.4.3.3. HOLE DIAMETER AND DEPTH.

- 4.4.3.4. HOLE CLEANING IN ACCORDANCE WITH THE MPII.

- 4.4.3.5. ANCHOR ELEMENT TYPE, MATERIAL, DIAMETER, AND LENGTH.

- 4.4.3.6. ADHESIVE IDENTIFICATION AND EXPIRATION DATE.

- 4.4.3.7. ADHESIVE INSTALLATION IN ACCORDANCE WITH THE MPII.

- 4.4.4. ADHESIVE ANCHORS, EITHER OVERHEAD OR HORIZONTAL, SUBJECTED TO SUSTAINED TENSION LOADS SHALL BE CONTINUOUSLY SPECIALLY INSPECTED AND PROOF LOADED IN ACCORDANCE WITH ACI 355.4 BY AN INDEPENDENT TESTING AND INSPECTION COMPANY SPECIALLY APPROVED FOR THIS PURPOSE. CONTINUOUS ANCHOR INSPECTION REQUIRES THE SPECIAL INSPECTOR TO BE PRESENT FOR EACH ANCHOR INSTALLATION. TO VERIFY, THE INSPECTOR SHALL OBSERVE ALL ASPECTS OF THE ANCHOR INSTALLATION. THE SPECIAL INSPECTOR SHALL SUBMIT A REPORT INDICATING THAT THE WORK HAS BEEN PERFORMED, AND THE MATERIALS USED AND THE PROCEDURES CONFORM WITH BOTH THE APPROVED CONTRACT DOCUMENTS AND THE MPII.

- 4.4.5. EXISTING REINFORCING BARS, EMBEDDED CONDUIT, AND OTHER ELEMENTS CAST IN CONCRETE

STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. NO EMBEDDED CONDUITS SHALL BE CUT AT ANY TIME, UNLESS NOTED ON THE DRAWINGS THAT THE REINFORCING CAN BE CUT. THE CONTRACTOR SHALL REVIEW THE EXISTING CONTRACT DOCUMENTS AND SHALL UNDERTAKE LOCATING THE POSITION OF THE REINFORCING, CONDUITS, OR OTHER EMBEDDED ITEMS AT THE LOCATIONS OF THE CONCRETE ANCHORS BY A NON-DESTRUCTIVE TESTING METHOD SUCH AS HILTI FERROSCAN, HILTI PS 1000, GPR, X-RAY, OR BY AN ALTERNATE APPROVED METHOD.

- 4.4.6. CONCRETE SHALL HAVE CURED FOR A MINIMUM OF 21 DAYS PRIOR TO THE INSTALLATION OF ANY ADHESIVE ANCHORS.

- 4.4.7. OVERHEAD ADHESIVE MUST BE INSTALLED USING THE HILTI HIT-SZ PISTON PLUG SYSTEM.

5. ALTERATIONS AND/OR CONNECTIONS TO EXISTING STRUCTURE

- 5.1. INSPECT THE EXISTING BUILDING AND BECOME THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS.

- 5.2. PRIOR TO PROCEEDING WITH THE WORK, DETERMINE THE EXACT FOUNDING ELEVATIONS OF EXISTING FOOTINGS ADJACENT TO THE NEW WORK. REPORT THESE FINDINGS TO THE CONSULTANT.

- 5.3. PRIOR TO FABRICATION OF STRUCTURAL STEEL, OPEN UP ALL AREAS WHERE CONNECTIONS ARE TO BE MADE TO EXISTING WORK AND TAKE FIELD MEASUREMENTS. MODIFY METHODS FOR CONNECTING TO SUIT SITE CONDITIONS FOUND AND TO THE APPROVAL OF THE CONSULTANT. CARRY OUT LOCAL REPAIRS TO THE EXISTING WORK AS NECESSARY AND AS DIRECTED BY THE CONSULTANT.

- 5.4. SHORE EXISTING WORK AS REQUIRED UNTIL ALL NEW WORK HAS BEEN COMPLETED AND REVIEWED BY THE CONSULTANT.

- 5.5. PROVIDE SLOTTED HOLES AND FRICTION TYPE BOLTED CONNECTIONS TO CONNECT NEW STEEL TO EXISTING WORK.

- 5.6. DO NOT CUT CONCRETE REINFORCEMENT UNLESS REVIEWED AND APPROVED BY THE CONSULTANT.

- 5.7. WHERE REQUIRED TO AVOID CUTTING EXISTING REINFORCEMENT, MODIFY THE LAYOUT OF NEW THROUGH BOLTS, EXPANSION ANCHORS AND OTHER ANCHORING DEVICES.

- 5.8. MAKE GOOD THE EXISTING WORK.

F. QUALITY CONTROL

1. GENERAL

- 1.1. IMPLEMENT A SYSTEM OF QUALITY CONTROL TO ENSURE THAT THE MINIMUM STANDARDS SPECIFIED HEREIN ARE ATTAINED.

- 1.2. BRING TO THE ATTENTION OF THE CONSULTANT ANY DEFECTS IN THE WORK OR DEPARTURES FROM THE CONTRACT DOCUMENTS, WHICH MAY OCCUR DURING CONSTRUCTION. THE CONSULTANT WILL DECIDE UPON CORRECTIVE ACTION AND GIVE RECOMMENDATIONS IN WRITING.

- 1.3. THE CONSULTANTS GENERAL REVIEW DURING CONSTRUCTION AND INSPECTION AND TESTING BY INDEPENDENT INSPECTION AND TESTING AGENCIES REPORTING TO THE CONSULTANT ARE BOTH UNDERTAKEN TO INFORM THE OWNER / CLIENT OF THE CONTRACTOR'S PERFORMANCE AND SHALL IN NO WAY AUGMENT THE CONTRACTOR'S QUALITY CONTROL OR RELIEVE THE CONTRACTOR OF CONTRACTUAL RESPONSIBILITY.

2. NOTIFICATION

- 2.1. PRIOR TO COMMENCING SIGNIFICANT SEGMENTS OF THE WORK, GIVE THE CONSULTANT AND INDEPENDENT INSPECTION AND TESTING COMPANIES APPROPRIATE NOTIFICATION (MINIMUM 24 HOURS) SO AS TO AFFORD THEM REASONABLE OPPORTUNITY TO REVIEW THE WORK. FAILURE TO MEET THIS REQUIREMENT MAY BE CAUSE FOR THE CONSULTANT TO CLASSIFY THE WORK AS DEFECTIVE.

3. INSPECTION AND TESTING

- 3.1. AN INDEPENDENT INSPECTION AND TESTING COMPANY SHALL MAKE INSPECTIONS OR PERFORM TESTS AS THE CONSULTANT DIRECTS. THE INDEPENDENT INSPECTION AND TESTING COMPANIES SHALL BE RESPONSIBLE ONLY TO THE CONSULTANT AND SHALL MAKE ONLY SUCH INSPECTIONS OR TESTS AS THE CONSULTANT MAY DIRECT.

- 3.2. THE FOLLOWING ITEMS REQUIRE TESTING AND/OR INSPECTION BY A CERTIFIED, INDEPENDENT INSPECTION AND TESTING COMPANY UNLESS OTHERWISE NOTED. THE TESTING FIRM SHALL SUBMIT COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS TO THE CONSULTANT FOR REVIEW:

TABLE F.1: INSPECTION AND TESTING REQUIREMENTS

ITEM	COMMENTS
SOIL BEARING CAPACITY	BY GEOTECHNICAL CONSULTANT.
STRUCTURAL STEEL ERECTION	REVIEW MEMBER SIZE, PLUMBNESS, BOLTED, CONNECTIONS, ETC.
STRUCTURAL STEEL WELDING	VISUALLY INSPECT ALL FIELD WELDING. CARRY OUT ULTRASONIC TESTING ON ALL CJP FIELD AND SHOP WELDS.

4. DEFECTIVE MATERIALS AND WORK

- 4.1. WHERE EVIDENCE EXISTS THAT DEFECTIVE WORK HAS OCCURRED OR THAT WORK HAS BEEN CARRIED OUT INCORPORATING DEFECTIVE MATERIALS, THE CONSULTANT MAY HAVE TESTS, INSPECTIONS OR SURVEYS PERFORMED, ANALYTICAL CALCULATIONS OF STRUCTURAL STRENGTH MADE, AND THE LIKE, IN ORDER TO HELP DETERMINE WHETHER THE WORK MUST BE CORRECTED OR REPLACED. TESTS, INSPECTIONS OR SURVEYS, OR CALCULATIONS CARRIED OUT UNDER THESE CIRCUMSTANCES WILL BE MADE AT THE CONTRACTOR'S EXPENSE, REGARDLESS OF THEIR RESULTS, WHICH MAY BE SUCH THAT, IN THE CONSULTANT'S OPINION, THE WORK MAY BE ACCEPTABLE.

- 4.2. ALL TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODE, EXCEPT WHERE THIS WOULD, IN THE CONSULTANT'S OPINION, CAUSE UNDUE DELAY OR GIVE RESULTS NOT REPRESENTATIVE OF THE REJECTED MATERIAL IN PLACE. IN THIS CASE, THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE STANDARDS GIVEN BY THE CONSULTANT.

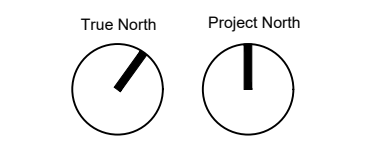
- 4.3. MATERIALS OR WORK, WHICH FAIL TO MEET SPECIFIED REQUIREMENTS, MAY BE REJECTED BY THE CONSULTANT WHENEVER FOUND AT ANY TIME PRIOR TO FINAL ACCEPTANCE OF THE WORK REGARDLESS OF PREVIOUS INSPECTION. IF REJECTED, DEFECTIVE MATERIALS OR WORK SHALL BE PROMPTLY REMOVED AND REPLACED OR REPAIRED TO THE SATISFACTION OF THE CONSULTANT, AT NO EXPENSE TO THE OWNER.

LIST OF STRUCTURAL DRAWINGS

SHEET No.	SHEET TITLE
S101	GENERAL NOTES
S102	TYPICAL DETAILS
S201	LANDING, STAIR AND RAMP FRAMING/ FOUNDATION
S202	PART LOW ROOF FRAMING PLAN
S401	SECTIONS AND DETAILS



No.	Revision	Date
01	ISSUED FOR RFP	25-10-24
02	RE-SSUED FOR RFP	25-11-17
03	ISSUED FOR PERMIT	26-01-09
04	ISSUED FOR TENDER	26-01-30
05	ISSUED FOR PERMIT RESPONSE	26-03-24
06	ISSUED FOR TENDER	26-04-09
07	ISSUED FOR SA-S01	26-07-07



	project number
250512	
	set issue date
OCT 21, 2025	
	scale
N/A	
	drawn by
NAZ	
	sheet

