

ADDENDUM NO. 1

May 20, 2025

The following additions, deletions, modifications and clarifications issued herein are hereby an integral part of the Tender and Contract Documents. Minor Typographic or spelling mistakes in the Contract Documents which do not significantly affect the meaning of the sentence or phrase in which they occur may not necessarily be corrected by Addenda.

GENERAL

1. Ensure that all parties submitting bids are aware of this **Addendum No. 1** and its contents.
2. **Contents:** Addendum No. 1 - in its entirety consists of the following:
 - .1 Three (3) typed pages of instructions and one (1) full size drawing size 30" x 42".
 - .2 Structural drawing 'S1.0 General Notes and Sections' size 22" x 34.

QUESTIONS & ANSWERS

QUESTION 1: Is there a construction budget value to base the bond value on?

ANSWER 1: Bonding to be based on the Tender Amount noted on the Stipulated Price Bid Form (Section 00 21 10). Please refer to specification section 01 11 00 General Instructions and Summary of Work, item 1.9 Bonding Requirements.

QUESTION 2: Garbage Enclosure:

Please advise whether the steel is to be primed and painted black or galvanized and then painted black. Kindly confirm whether the black paint is included under the miscellaneous steel work or covered under a separate scope. Additionally, please confirm the required steel post size.

ANSWER 2: Miscellaneous metal for the fenced waste bin enclosure and double gate to be primed and epoxy painted black. Painting responsibility to be determined by the General Contractor. Bidder may also elect to provide an exterior grade pre-fabricated system with a powder coat finish. The HSS posts to be 152x152mm.

QUESTION 3: Guardrail and Handrails:

Detail 4/L1.5 indicates the handrail is to be galvanized steel pipe, while detail 5/L5.1 references guardrail to follow architectural drawing detail 14/SP5, which specifies stainless steel. Please confirm that the handrail is to be galvanized steel and the guardrail is to be stainless steel. Also, kindly confirm whether the pickets are to be 25x25 solid stainless steel, or 25x25 hollow section matching the hollow post, top, and bottom rails. Section

ANSWER 3: The stairs and ramp guard and handrails shall be stainless steel. The 25x25 pickets to be stainless steel hollow metal sections to match the rest of the assembly.

QUESTION 4: Bollards:

Drawing 12/SP5 shows typical **steel pipe bollard details**, however, the plan indicates only **light bollards**. Please confirm whether any **steel pipe bollards** are required. If so, should they be **galvanized** or **primed and painted**?

ANSWER 4: There are 8x Light Bollards (LB) on 2/SP2 (L1.2). Refer to Elec. drawings and specifications for type. There are 4x Steel Pipe Bollards (B) on 2/SP4. These bollards should be galvanized with a HPDE cover as per 05 50 00 Metal Fabrications spec.

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May 20, 2025

QUESTION 5: Is it possible to change the closing date to Tuesday May 27th. Subtrades are saying it's a bit of a complicated site and would like a bit more time.

ANSWER 5: The tender closing date has been extended per the update noted below.

AMENDMENTS TO SPECIFICATIONS

Item 1: Section 00 21 10 Stipulated Price Bid Form:

.1 REVISE the 'DATE OF TENDER CLOSE' to be as follows:

"DATE OF TENDER CLOSE: 4:00:00 P.M., **TUESDAY MAY 27, 2025**"

Item 2: Section 05 50 00 Metal Fabrications:

.1 REVISE: item 3.5 to read as follows:

"3.5 FENCED WASTE BIN ENCLOSURE AND DOUBLE GATE.

.1 Welded steel pipe construction, as shown on drawings. Exterior prime and epoxy paint framing system prior to installation of cedar wood siding."

Item 3: Section 10 11 25 Manufactured Specialties:

.1 REVISE: item 2.1.1.4 to read as follows:

".4 Lids & Signage:

.1 Large Cardboard Slot. **Black lid and user door.**

~~.2 Recyclables. Blue lid. (deleted)~~

.3 Garbage, square opening. **Black lid and user door.**

~~.4 Compostables. Green lid. (deleted)~~

.5 Quantity: Two (2) units in total"

.2 REVISE: item 2.1.1.15 to read as follows:

".5 Framing panel colour: brown"

.3 DELETE: item 2.1.1.10

~~.10 Alternates: Semi-recessed front loader waste containers meeting or exceeding the above produce specifications by Earthbin, EnviroWirx and Exolaxia.~~

.4 DELETE: item 2.1.2. "Modular Welded Wire Partition System:..."

AMENDMENTS TO DRAWINGS

Item 4: Drawing Cover Page:

.2 REVISE 'Drawing List' on cover page to identify the inclusion of structural drawing.

"STRUCTURAL DRAWINGS

S1.0 General Notes and Sections"

Item 5: Drawing SP4 Enlarged Partial Proposed Site Plan:

.1 REPLACE drawing SPA 4 in its entirety with enclosed drawing 'SP4 - Enlarged Partial Proposed Site Plan' with issued date **25 05 20**.

STRUCTURAL

Item 6: Structural Drawing S1.0 General Notes and Sections:

- .1 ADD structural drawing 'S1.0 - General Notes and Sections' (22" x 34") to the tender drawing set.

End of Addendum No. 1

1
SP4 PARTIAL PROPOSED SITE PLAN - TECH COMPOUND
SCALE: 1:100

2 PARTIAL PROPOSED SITE PLAN - GARBAGE ENCLOSURES
SP4 SCALE: 1" = 150'

3
SP4 PARTIAL PROPOSED SITE PLAN - SOUTH CROSSWALKS
SCALE: 1 : 150

[illegible]

GENERAL NOTES

- CHECK ALL DIMENSIONS ON THESE DRAWINGS WITH ALL OTHER DRAWINGS, INCLUDING BUT NOT LIMITED TO DRAWINGS PREPARED ARCHITECTURAL, MECHANICAL OR ELECTRICAL CONSULTANTS. REPORT ANY INCONSISTENCIES TO THE ARCHITECT OR ENGINEER PRIOR TO COMMENCING WITH THE WORK. DO NOT SCALE THE DRAWINGS.
- THE DESIGN LIVE LOADS ARE INDICATED ON THE DRAWINGS. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS.
- THE COMPLETED STRUCTURE IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING AND ANY OTHER TEMPORARY OR PERMANENT MEASURES AS REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPARABLE TO SIMILAR CONDITION DETAILS.
- REFER TO OTHER CONSULTANTS DRAWINGS FOR DETAILS OF OPENINGS, PITS, CHAMBERS, DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS.
- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS, AND GOOD CONSTRUCTION PRACTICES.
- THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.
- CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.

CONCRETE NOTES

- ALL STRUCTURAL CONCRETE ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.3. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.1.
- MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE:
 - FOOTINGS 25 MPa TYPE N
 - FOUNDATION WALLS 35 MPa TYPE C1
 - SLAB ON GRADE 25 MPa TYPE N
 - RAMP SLAB 32 MPa TYPE C2 5-8% AIR.SLUMP SHALL BE 75mm± 25mm.
AGGREGATE SHALL BE 20mm MAXIMUM.
AIR ENTRAINED TO BE 6% ± 1% WHEN EXPOSED TO EXTERIOR. CONTRACTOR TO SUBMIT CONCRETE MIX DESIGN FOR REVIEW.
- THE DEFORMED REINFORCING STEEL SHALL CONFORM TO CSA STANDARD G30.18M GRADE 300R FOR STIRRUPS AND TIES AND GRADE 400R FOR ALL OTHER REINFORCING. UNLESS OTHERWISE NOTED THE REINFORCING LAP LENGTH SHALL BE CLASS B' IN SPLICES. ALL REINFORCING HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH A23.1.
- WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH CSA G30.5. ALL MESH SHALL BE CHAIRED PRIOR TO THE CONCRETE POUR. LIFTING OF THE MESH DURING THE CONCRETE POUR WILL NOT BE PERMITTED. ALL SPLICES SHALL BE A MINIMUM OF TWO CROSS WIRE SPACINGS PLUS 50mm.
- THE REINFORCING COVER FOR CONCRETE SHALL BE:
 - 75mm FOR CONCRETE AGAINST EARTH
 - 40mm FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 15M OR SMALLER
 - 50mm FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 20M OR LARGER
 - 25mm FOR INTERIOR CONCRETE. ALL CHAIRS, BOLSTERS, SPACERS AND BAR SUPPORTS SHALL BE IN ACCORDANCE WITH A23.1.
- FOOTINGS SHALL BEAR ON NATIVE UNDISTURBED SOIL WITH A MINIMUM BEARING RESISTANCE OF:
 - 100 kPa (SLs)
 - 150 kPa (ULs)THE CONTRACTOR SHALL VERIFY THE CAPACITY PRIOR TO PLACEMENT OF CONCRETE.
- THE LINE OF SLOPE BETWEEN ADJACENT FOOTINGS OR EXCAVATION OR STEP DOWN FOOTINGS SHALL NOT EXCEED A RISE OF 7 IN A RUN OF 10. STEP HEIGHT SHALL NOT EXCEED 600mm.
- KEEP EXCAVATIONS DRY BEFORE CONCRETE IS PLACED. REMOVE ALL LOOSE MATERIAL, SOFT SOIL OR WATER PRIOR TO PLACING CONCRETE. PROVIDE A 75mm MUD SLAB FOR ALL FOOTINGS BELOW THE WATER TABLE.
- THE FOOTING DESIGN IS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. THE FOOTING DESIGN MAY BE ALTERED DURING CONSTRUCTION, IF THE SITE CONDITIONS WARRANT, BUT ONLY WITH THE EXPRESS PERMISSION OF THE ENGINEER.
- PROTECT ALL FOOTINGS, WALLS AND SLABS AGAINST FROST ACTION DURING CONSTRUCTION. ALL EXTERIOR FOOTINGS SHALL FOUNDED BELOW THE FROST LINE, MINIMUM 1200mm BELOW GRADE..

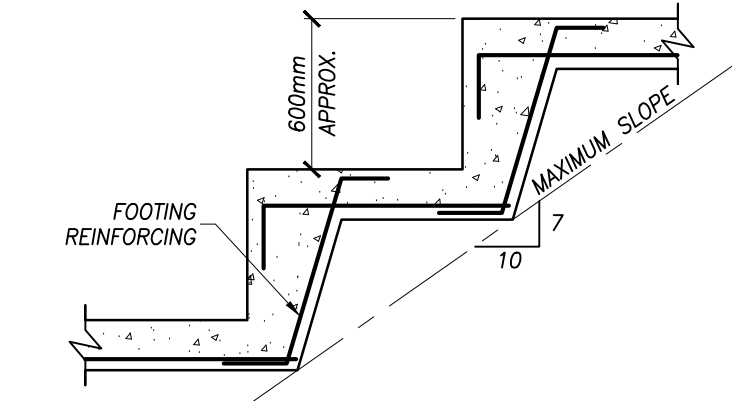
GUARD DESIGN NOTES:

4.1.5.14 - LOADS ON GUARDS AND HANDRAILS

- THE MINIMUM HORIZONTAL SPECIFIED LIVE LOAD APPLIED OUTWARD AT THE MINIMUM REQUIRED HEIGHT OF EVERY REQUIRED GUARD SHALL BE:
 - (C) 0.75 kN/m OR 1.0 kN APPLIED AT ANY POINT SO AS TO PRODUCE THE MOST CRITICAL EFFECT, WHICHEVER GOVERNS FOR LOCATIONS OTHER THAN THOSE DESCRIBED IN CLAUSES (A) AND (B).
 - THE MINIMUM HORIZONTAL SPECIFIED LIVE LOAD APPLIED INWARD AT THE MINIMUM REQUIRED HEIGHT OF EVERY REQUIRED GUARD SHALL BE HALF THAT SPECIFIED IN SENTENCE (1).
 - THE MINIMUM SPECIFIED LIVE LOAD APPLIED VERTICALLY AT THE TOP OF EVERY REQUIRED GUARD SHALL BE 1.5 kN/m AND NEED NOT BE CONSIDERED TO ACT SIMULTANEOUSLY WITH THE HORIZONTAL SPECIFIED LIVE LOAD PROVIDED FOR IN SENTENCES (1), (3) AND (7).
 - HANDRAILS AND THEIR SUPPORTS SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE FOLLOWING MINIMUM SPECIFIED LIVE LOADS, WHICH NEED NOT BE CONSIDERED TO ACT SIMULTANEOUSLY:
 - (A) 0.9 kN APPLIED AT ANY POINT AND IN ANY DIRECTION FOR ALL HANDRAILS, AND
 - (B) 0.7 kN/m APPLIED IN ANY DIRECTION FOR HANDRAILS NOT LOCATED WITHIN DWELLING UNITS.
- 9.2.8.3 - HEIGHTS OF GUARDS
- EXCEPT AS PROVIDED IN SENTENCES (2) TO (3.1), ALL GUARDS SHALL BE NOT LESS THAN 1070mm HIGH.
 - ALL GUARDS WITHIN DWELLING UNITS OR WITHIN HOUSES WITH A SECONDARY SUITE INCLUDING THEIR COMMON SPACES SHALL NOT BE LESS THAN 900mm(2'-1 13/16") HIGH.
 - THE HEIGHT OF GUARDS FOR FLIGHTS OF STEPS SHALL BE MEASURED VERTICALLY FROM THE TOP OF THE GUARD TO A LINE DOWN THROUGH THE TREAD NOSING SERVED BY THE GUARD.

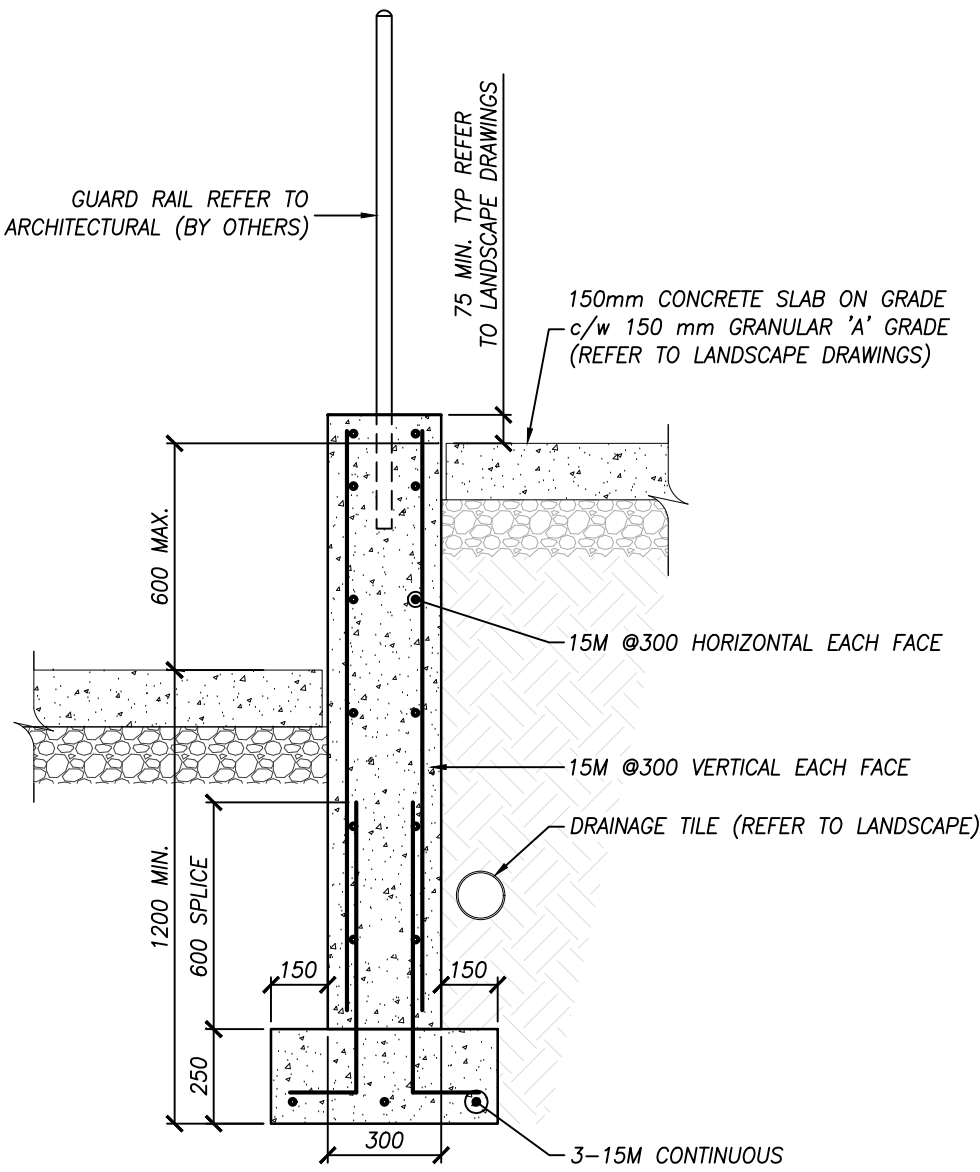
DESIGN STANDARDS

- ONTARIO BUILDING CODE, 2024, PART 4: STRUCTURAL DESIGN
- CAN/CSA-A23.3-19, DESIGN OF CONCRETE STRUCTURES



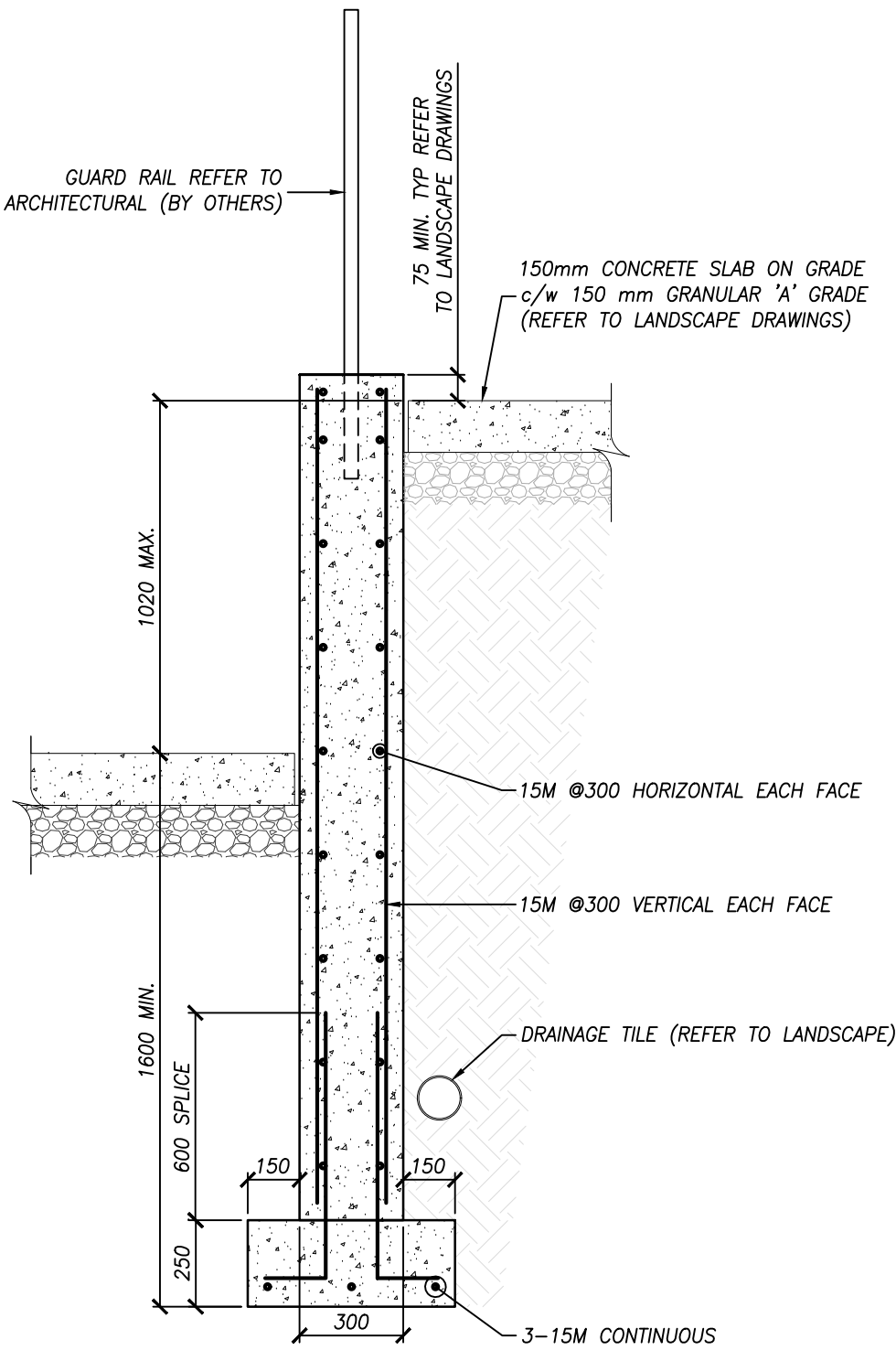
TYPICAL STEP FOOTING DETAIL

SCALE: NTS



SECTION 1

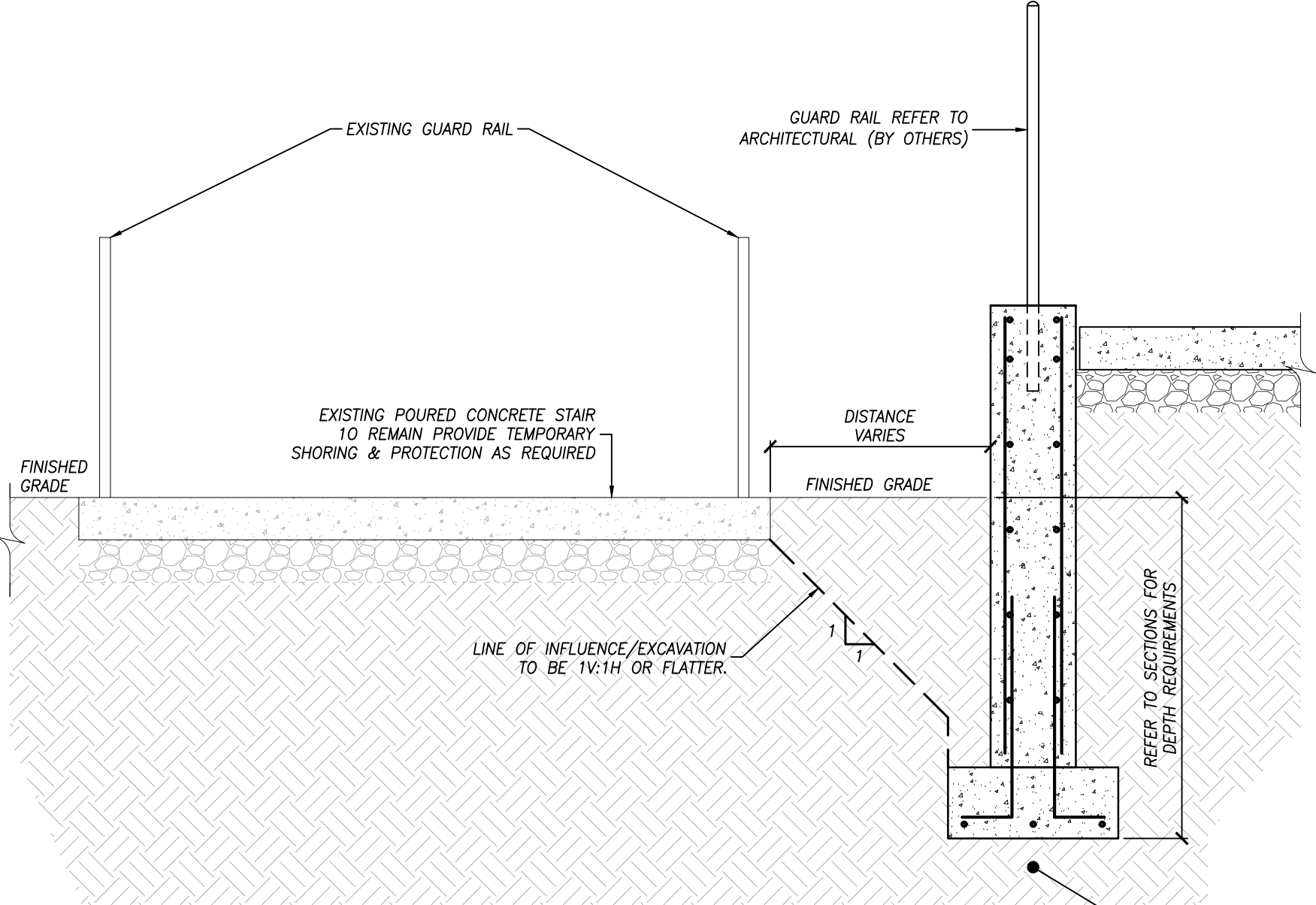
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SECTION 2

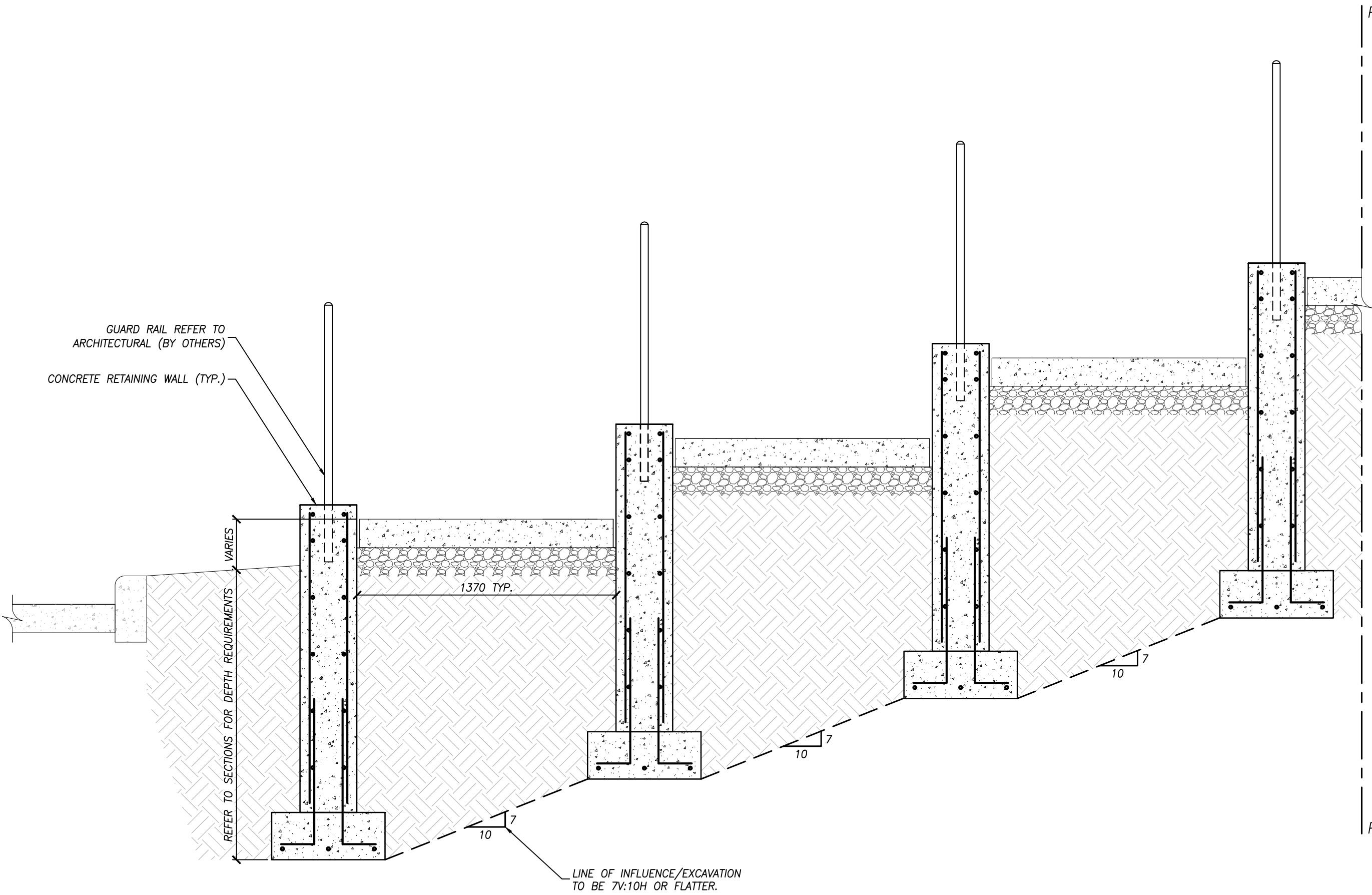
SCALE: 1:20

- NOTES:
- DESIGNED FOR LIVE LOAD SURCHARGE LL=4.8 KPa.
 - STEPS w/s OF FOOTING AS REQUIRED TO ACHIEVE MIN. FROST COVERAGE
 - REFER TO LANDSCAPE DRAWINGS FOR LOCATIONS



SECTION AT EXIT STAIRS

SCALE: 1:20



RAMP SECTION 'A'

SCALE: 1:20

KEY SYMBOLS LEGEND

- KEY - WALL TAG (W1)
- KEY - CONSTRUCTION NOTE (N1)
- KEY - REVISION MARKER (D101)
- KEY - DOOR MARKER (D101)
- KEY - WINDOW MARKER (W201)
- KEY - FRAMING MEMBER TAG (RD1)
- KEY - T.O.S. BEAM ELEV. TAG (+000)



1	25/05/15	ISSUED FOR TENDER
No.	DATE	REVISION

REVISIONS



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NOTRE DAME C66
EXTERIOR RAMP

2333 HEADON FOREST DR.
BURLINGTON ONTARIO

GENERAL NOTES
AND SECTIONS

DATE MAY 2025	DRAWN BY J.H.	DRAWING No. S1.0
PROJECT No. 25084	CHECKED BY E.H.	