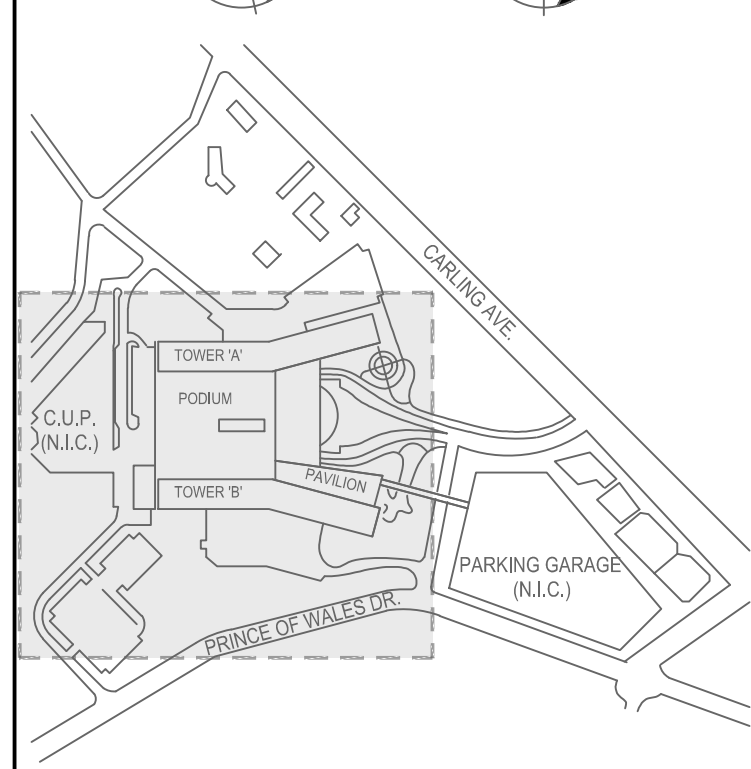


GENERAL NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS AND ALL ELEVATIONS AND STATIONS ARE IN METERS, UNLESS OTHERWISE SHOWN.
- DESIGN CODE: CANCSA-86-19 CANADIAN HIGHWAY BRIDGE DESIGN CODE
- DESIGN LOADS FOR CAST-IN-PLACE RETAINING WALLS:
  - WALL #1:
    - LIVE LOAD SURCHARGE EQUAL TO AN EQUIVALENT ADDITIONAL FILL HEIGHT OF 0.8m
    - COMPACTION SURCHARGE OF 12 kPa TO 0 kPa AT A DEPTH OF 2.0m
    - TL-4 BARRIER IMPACT LOADING
  - WALL #6, 7, 8 AND 9:
    - LIVE LOAD SURCHARGE EQUAL TO AN EQUIVALENT ADDITIONAL FILL HEIGHT OF 0.8m
    - COMPACTION SURCHARGE OF 12 kPa TO 0 kPa AT A DEPTH OF 2.0m
    - TL-4 BARRIER IMPACT LOADING
  - WALL #12:
    - COMPACTION SURCHARGE OF 12 kPa TO 0 kPa AT A DEPTH OF 2.0m
    - PEDESTRIAN RAILING LOAD OF 1.2 kN/m APPLIED HORIZONTALLY AND VERTICALLY SIMULTANEOUSLY.
  - WALL #13:
    - COMPACTION SURCHARGE OF 12 kPa TO 0 kPa AT A DEPTH OF 2.0m
    - PEDESTRIAN RAILING LOAD OF 1.2 kN/m APPLIED HORIZONTALLY AND VERTICALLY SIMULTANEOUSLY.
  - WALL #14:
    - COMPACTION SURCHARGE OF 12 kPa TO 0 kPa AT A DEPTH OF 2.0m
    - PEDESTRIAN RAILING LOAD OF 1.2 kN/m APPLIED HORIZONTALLY AND VERTICALLY SIMULTANEOUSLY.
- DESIGN LOADS FOR PRE-CAST BLOCK RETAINING WALLS TO BE PROVIDED BY WALL MANUFACTURER
- RETAINING WALLS DESIGN AND MATERIALS TO PROVIDE MINIMUM 75-YEAR SERVICE LIFE
- CLASS OF CONCRETE:
  - a. CAST-IN-PLACE RETAINING WALLS CLASS C-1 (35 MPa AT 28 DAYS)
  - b. PRE-CAST BLOCK RETAINING WALLS CLASS C-1 (35 MPa AT 28 DAYS)
- CLEAR COVER TO REINFORCING STEEL:
  - a. FOOTINGS 150 +/- 25
  - b. RETAINING WALLS 75 +/- 25
  - c. REMAINDER 75 +/- 25, UNLESS OTHERWISE SPECIFIED
- REINFORCING STEEL:
  - a. SHALL BE GRADE 400W UNLESS OTHERWISE SPECIFIED.
  - b. TENSION LAP SPICES SHALL BE CLASS B, UNLESS OTHERWISE SPECIFIED.
  - c. BAR HOOKS SHALL HAVE STANDARD HOOK DIMENSIONS USING MINIMUM BEND DIAMETERS, WHILE STIRRUPS AND TIES SHALL HAVE MINIMUM HOOK DIMENSIONS.
- PRE-CAST BLOCK RETAINING WALLS SHOWN SCHEMATICALLY. DETAILED DESIGN OF PRE-CAST BLOCK RETAINING WALLS AND FINAL SIGNED AND SEALED SHOP DRAWINGS, TO BE PROVIDED BY THE MANUFACTURER.
- ANTI-GRAFFITI COATING SHALL BE APPLIED TO EXPOSED SURFACES OF ALL RETAINING WALLS
- FINISHES ON ALL EXPOSED WALL SURFACES SHALL BE APPROVED BY THE OTTAWA HOSPITAL (TOH)

RETAINING WALL DIMENSIONS SCHEDULE														
WALL#	LOCATION	PRECAST BLOCK WALL				CAST-IN-PLACE WALL				FOOTING				
		LENGTH	HEIGHT	WIDTH	STEM WIDTH (M)	LENGTH	HEIGHT	MAX. MIN.	WIDTH		THICK			
3	Loading Dock	142000	4750	1100	2200	810								
4	Loading Dock							21000	1650	1090	600	475	3200	600
5	South Road E	54000	2500	1100	1580	810								
6	Main Entrance						40000	5100	1400	700/1000	475	7200/7800	700/1000	
7	Main Entrance						30000	5300	1400	700/1000	400	7200/7800	700/1000	
8	Main Entrance						20000	5300	1500	700/1000	400	7200/7800	700/1000	
9	Main Entrance						34125	4780	1300	700/1000	475	7200/7800	700/1000	
12	Pavilion	20000	6500	2100	600	400	4200	700						
13	Pedestrian/Bike Path	30000	2900	1300	600	400	2500	600						
14	Loading Dock						18000	2300	1200	600	400	2100	600	
15	Woodland Path	42000	3000	1580	1200	810								
18A	Pedestrian/Bike Path	27600	2500	1100	1200	810								
18B	Pedestrian/Bike Path	15500	2500	2100	1200	810								

RETAINING WALL REINFORCING STEEL QUANTITIES	
WALL	QTY. (TONNES)
4	5.65
6	11.63
7	8.58
8	6.93
9	10.53
12	10.38
13	4.54
14	1.86
Total	60.09



NO.	DESCRIPTION	DATE
15	SITE PLAN CONTROL, RESUBMISSION NO. 2026-03-27	
09	DESIGN-BUILD BASELINE SUBMISSION	2026-03-05
08	FOUNDATION PERMIT SUBMISSION	2026-01-10
07	SITE PLAN CONTROL, RESUBMISSION	2026-01-10
06	80% DO SUBMISSION	2025-09-19
05	SITE PLAN CONTROL, RESUBMISSION	2025-08-25
04	65% DO SUBMISSION	2025-08-05
03	35% DO SUBMISSION	2025-07-28
02	ISSUED FOR ACPOR READINESS	2025-01-08
01	80% DO SUBMISSION	2024-08-15
02	REVISED	DATE

NOT FOR CONSTRUCTION  
 DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT. BEFORE PROCEEDING. ONLY FIGURED DIMENSIONS ARE TO BE USED. CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. THIS DRAWING IS PROTECTED BY COPYRIGHT.

ALL DIMENSIONS ARE SHOWN IN METRIC.  
 AUTHOR:

PROJECT TEAM  
 DESIGN-BUILDER: POLED, A JOINT VENTURE  
 ARCHITECTURAL: PARKIN ARCHITECTS LIMITED, JOONIL LAMARIE PRATTE ARCHITECTES, ADAMSON ASSOCIATES ARCHITECTS, BBS ARCHITECTS OTTAWA INC.  
 STRUCTURAL: SALAS-OSBORN CANADA INC., BOUTHILLET FARGEAU INC.  
 MECHANICAL: HH ANGUS & ASSOCIATES LTD., SALAS OSBORN CANADA INC.  
 ELECTRICAL: MCELVEY & BARRON INTERNATIONAL INC., WSP CANADA INC.  
 CIVIL: WSP CANADA INC.  
 LANDSCAPE: VERTICUS DESIGN INC., PWP LANDSCAPE ARCHITECTURE  
 BUILDING CODE: UMOG BUILDING CODE CONSULTANTS LTD.  
 AUTHOR PROJECT NO: CA0027758.0-51

STAMP:

DRAWING TITLE: RETAINING WALLS - SITE LAYOUT

DRAWN: B. NANDAL CHECKED: M. THOM  
 SCALE AT A4: 1/250 DATE: 2024-02-26

GRAPHIC SCALE:   
 DRAWING NO: C7-400 REV NO: 10

File Number: D07-12-26-0008 (Revision)  
 D07-12-23-0168 (Original)  
 Plan Number: 19424