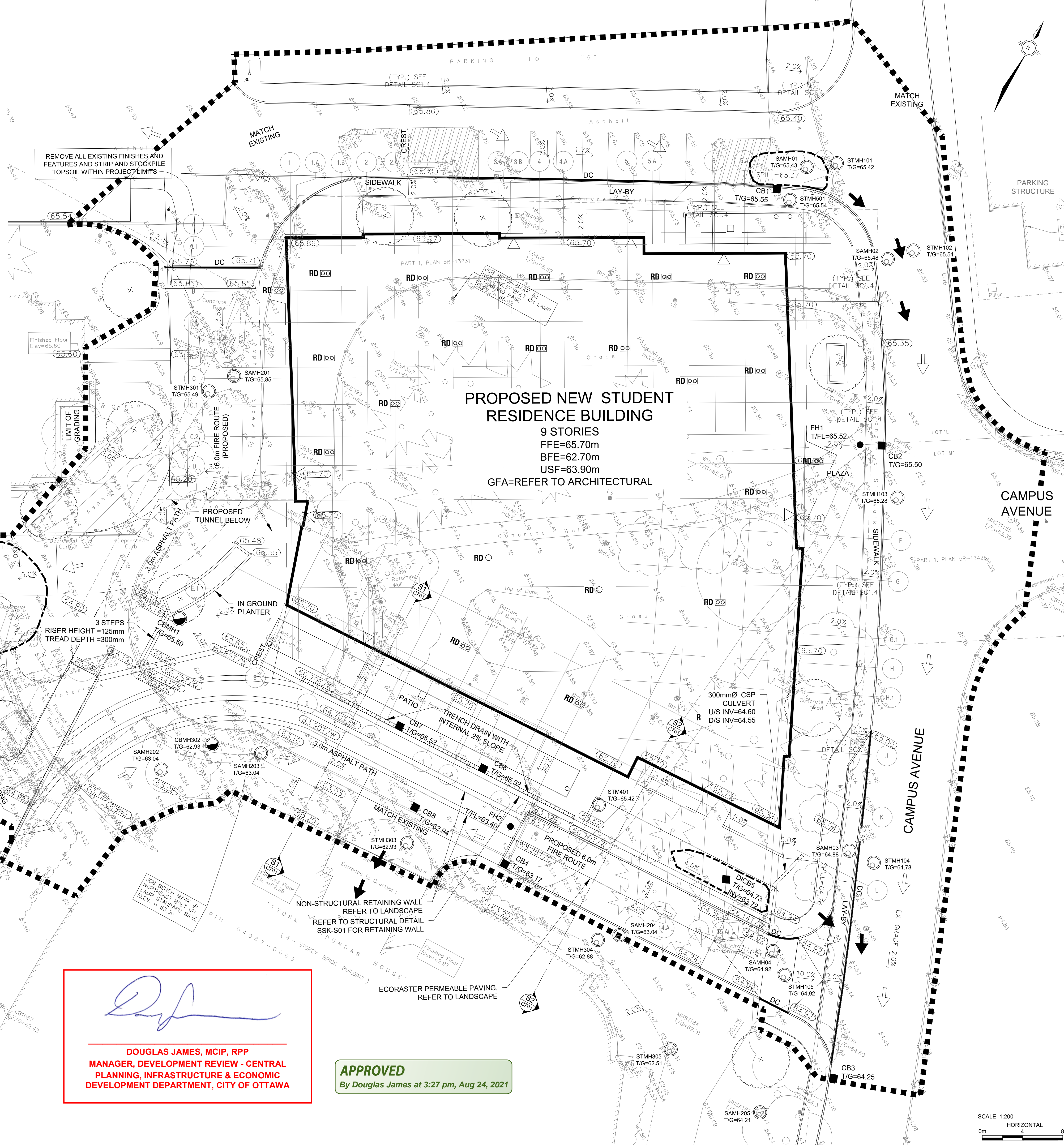


**NOTES:
GRADING**

- ALL ELEVATIONS ARE GEODETIC.
- REFER TO ARCHITECTURAL AND LANDSCAPE DRAWINGS FOR LAYOUT, DIMENSIONS AND SURFACE FINISHES.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS.
- ALL ELEVATIONS BY CURBS ARE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
- REFER TO GEOTECHNICAL INVESTIGATION REPORT (NO. 191-12948-00 DATED DECEMBER 2019, REVISED JULY 21, 2020) PREPARED BY WSP FOR SUBSURFACE CONDITIONS, CONSTRUCTION RECOMMENDATIONS AND GEOTECHNICAL INSPECTION REQUIREMENTS. THE GEOTECHNICAL CONSULTANT SHALL REVIEW EXCAVATIONS PRIOR TO THE PLACEMENT OF GRANULAR MATERIAL.
- REINSTATE ALL DISTURBED/DAMAGED AREAS TO THEIR ORIGINAL CONDITION OR BETTER.
- PROVIDE POSITIVE DRAINAGE, MATCHING EXISTING OVERALL DRAINAGE PATTERN INDICATED.
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA AND/OR ONTARIO PROVINCIAL STANDARDS.
- ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED PAVED AREAS AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- ALL AREAS SHALL DRAIN AT A MINIMUM OF 1%. ANY DISCREPANCIES PREVENTING THIS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WORK.
- BLEND NEW EARTHWORK INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDING AT ALL TOP AND BOTTOM OF SLOPES.
- CONCRETE SIDEWALKS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DRAWING SC1.4 AND SC4.
- CONCRETE BARRIER CURBS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DRAWING SC1.1.
- ALL SIDEWALKS SHALL BE MONOLITHIC CONCRETE CURB AND SIDEWALK PER STD. DETAIL SC2 UNLESS OTHERWISE INDICATED.
- SAW CUT AND KEY GRIND ASPHALT AT ALL TIE-INS PER CITY OF OTTAWA STANDARD R10.
- PROVIDE LINE PAINTING.
- SNOW IS TO BE REMOVED FROM THE SITE AND STORED ELSEWHERE ON THE CAMPUS.
- REFER TO STRUCTURAL MEMO FROM MAY 05, 2020 AND ACCOMPANYING DRAWING SSK-S01 FOR RETAINING WALL DETAILS

UTILITY NOTE

- THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM. THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPORTING AND PROTECTING ANY EXISTING UTILITIES, AS REQUIRED, IN ACCORDANCE WITH THE UTILITY OWNERS' REQUIREMENTS. CONTRACTOR IS REQUIRED TO OBTAIN LOCATES, IN ADVANCE OF EXCAVATION WORK, AND FORWARD COPIES OF THE LOCATES TO THE CONSULTANT AND THE OWNER PRIOR TO EXCAVATION. HAND EXCAVATION IS REQUIRED PER UTILITY OWNERS REQUIREMENTS.



- LEGEND**
- NEW MANHOLE
 - NEW CATCH BASIN
 - PROPOSED ELEVATION
 - EXISTING ELEVATION
 - PROPOSED FINISH GRADE AT TOP OF WALL OR STEP
 - PROPOSED FINISH GRADE AT BOTTOM OF WALL OR STEP
 - PROPOSED TOP OF CURB ELEVATION
 - PROPOSED SLOPE DIRECTION
 - DIRECTION OF MAJOR OVERLAND FLOW
 - DIRECTION OF EMERGENCY OVERLAND FLOW
 - PROPOSED CURB
 - PROPOSED DEPRESSED CURB
 - EMERGENCY SPILL ELEVATION
 - HEAVY DUTY PAVEMENT
 - 40mm HL3 OR SP12.5 PG58-34
 - 100mm HL8 OR SP19.0 PG58-34
 - 150mm OF GRANULAR A
 - 450MM OF GRANULAR B
 - MILL AND RESURFACE 40mm DEPTH
 - ECORASTER PERMEABLE PAVING
 - PROPOSED SWALE
 - LIMIT OF PROJECT
 - NEW ROOF DRAIN

Douglas James

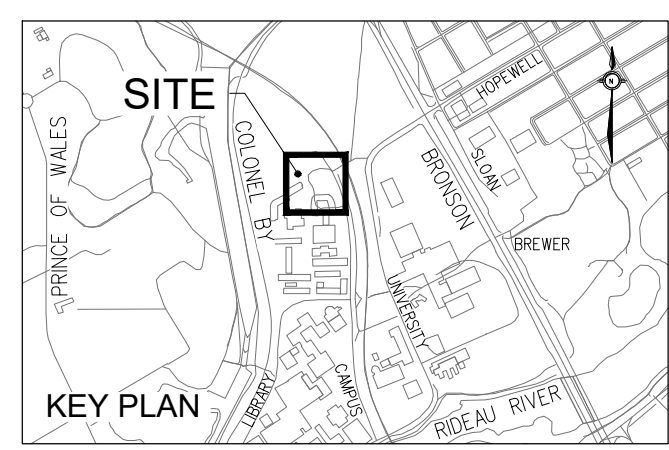
DOUGLAS JAMES, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - CENTRAL
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Douglas James at 3:27 pm, Aug 24, 2021

CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB.
 DO NOT SCALE DRAWINGS.

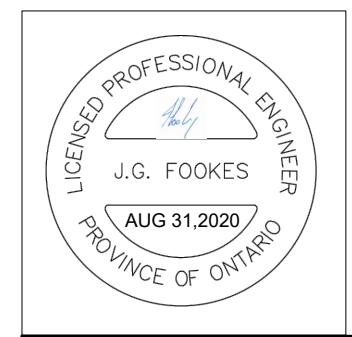
ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR IN WHOLE IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT.



ISSUED

| No. | Date | Description |
|-----|------------|--------------------------------------|
| 1 | 13/12/2019 | ISSUED FOR SITE PLAN APPROVAL |
| 2 | 30/01/2020 | ISSUED FOR 100% DD |
| 3 | 16/03/2020 | REISSUED FOR SITE PLAN APPROVAL |
| 4 | 31/03/2020 | ISSUED FOR COORDINATION |
| 5 | 07/04/2020 | ISSUED FOR FOUNDATION PERMIT |
| 6 | 27/07/2020 | ISSUED FOR 80% INTERNAL COORDINATION |
| 7 | 11/08/2020 | REISSUED FOR SITE PLAN APPROVAL |
| 8 | 31/08/2020 | REISSUED FOR SITE PLAN APPROVAL |



Diamond Schmitt Architects 384 Adelaide Street West
 Suite 100 Toronto, Ontario M5V 1R7 Canada
 Tel: 416 862 8800 Fax: 416 862 5508 info@dsai.ca www.dsai.ca

KWC Architects Inc. 383 Parkdale Avenue
 Suite 201 Ottawa, Ontario K1Y 4B4 Canada
 Tel: 613 238 2117 Fax: 613 238 6595 kwc@kwc-arch.com www.kwc-arch.com

CARLETON UNIVERSITY NEW STUDENT RESIDENCE

CARLETON UNIVERSITY
 1125 COLONEL BY DRIVE
 OTTAWA ON
 K1S 5B6

GRADING PLAN

Scale: 1:200
 Project No: 190444600
 Date: 31/08/20

C003 #18030

Consultant's Information: \\n:\localdata\proj\2019\190444600-Carleton U- New Residence Building\05_CAD\07_Sheets\Grading Plan.dwg
 Date: 31/08/2020 10:51:11 AM
 User: jgokes

D07-12-19-0205