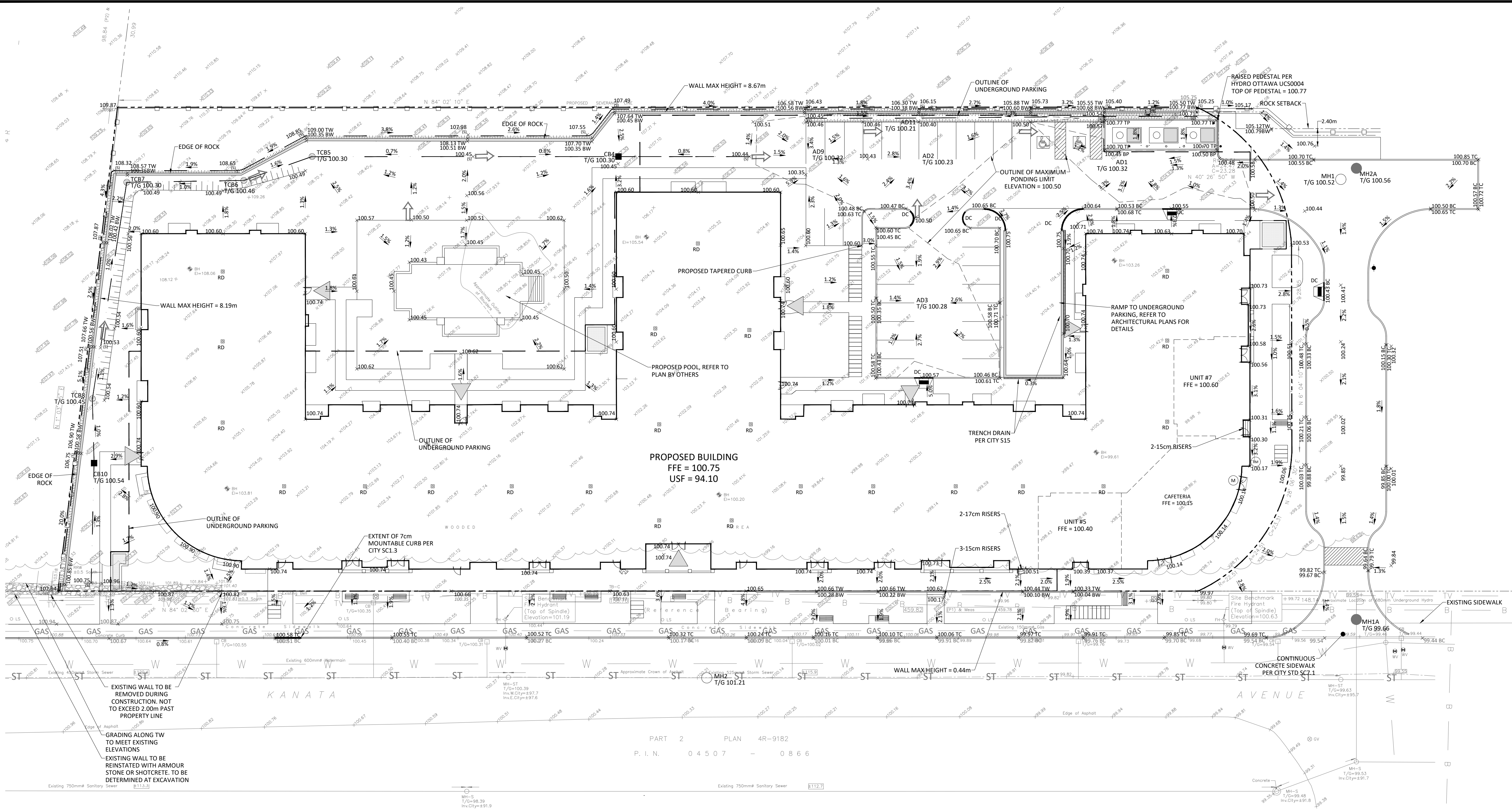
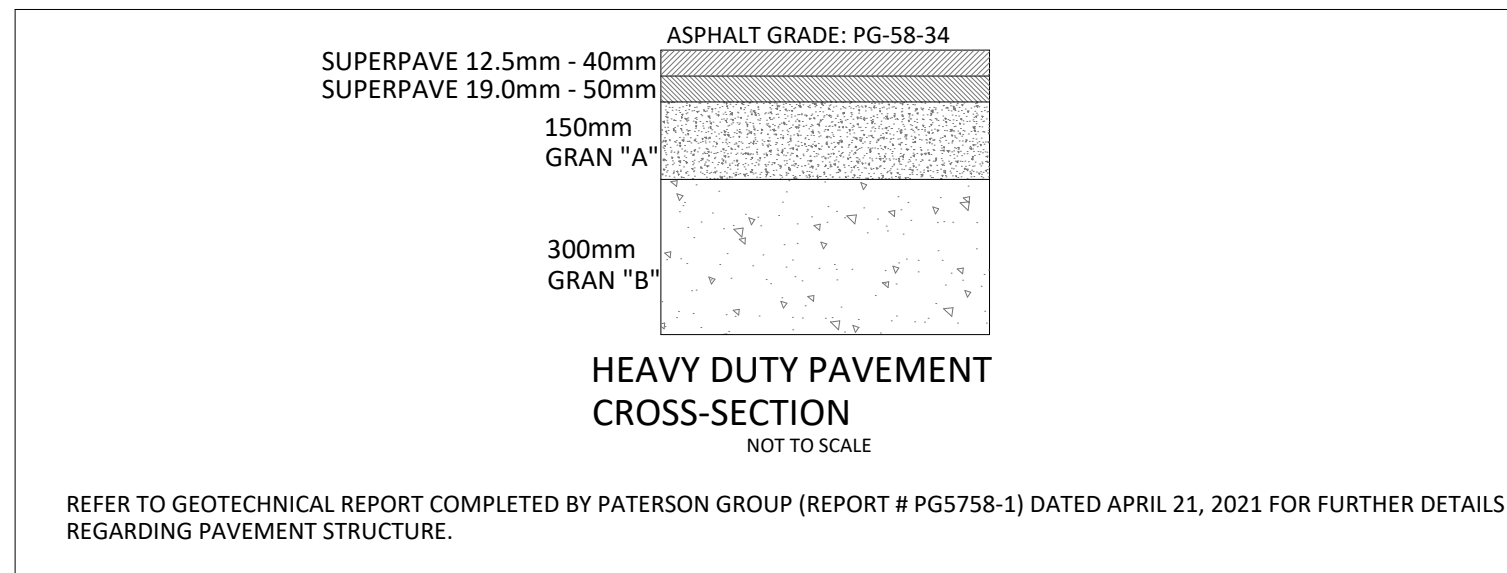


FILENAME: \\A:\Drawings\01 Project - Proposals\2021\001\CCO\CCO-21-3764\The Woods_6995 Campus Drawn\12 - Drainage\CCO-21-3764_Presentation.dwg
LAST SAVED: Thursday, July 21, 2023 1:22:53 PM
LAST MODIFIED: Thursday, July 21, 2023 1:22:53 PM
LAST PLOTTED: Thursday, July 21, 2023 1:22:53 PM

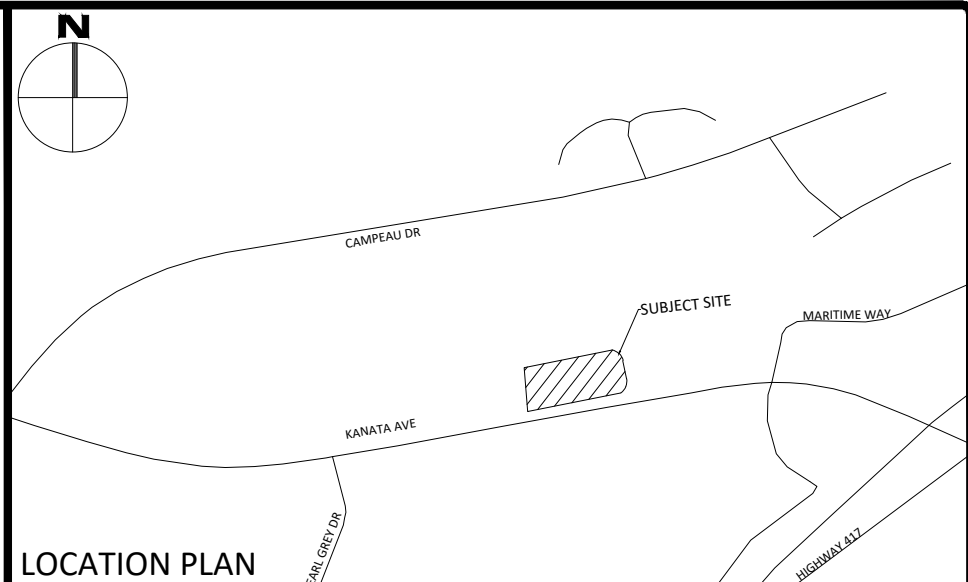


GENERAL NOTES

1. THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY, AND IMPLY NO GUARANTEE OF ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION SHOWN.
2. THIS PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS. THE PROPERTY BOUNDARIES SHOWN HEREON HAVE BEEN DERIVED FROM INFORMATION SUPPLIED BY (OR SHOWN ON) FARLEY, SMITH & DENNIS SURVEYING LTD. FILE # 139-21 AND CANNOT BE RELIED UPON TO BE ACCURATE OR COMPLETE. THE PRECISE LOCATION OF THE CURRENT PROPERTY BOUNDARIES AND EASEMENTS CAN ONLY BE DETERMINED BY AN UP-TO-DATE LAND TITLES SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED AND CERTIFIED BY AN ONTARIO LAND SURVEYOR.
3. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY BEFORE COMMENCING CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT.
5. THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
6. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY AUTHORITIES.
7. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER AND THE CITY.
8. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
9. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS.
11. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE ENGINEER/CITY.
12. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
13. CONTACT THE CITY FOR INSPECTION OF ROUGH GRADING OF PARKING LOTS, ROADWAYS AND LANDSCAPED AREAS PRIOR TO PLACEMENT OF ASPHALT AND TOPSOIL. ALL DEFICIENCIES NOTED SHALL BE RECTIFIED TO THE CITY'S SATISFACTION PRIOR TO PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH AND/OR SOIL.
14. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
15. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY:
 - ELECTRICAL SERVICE - HYDRO ONE,
 - GAS SERVICE - ENBRIDGE,
 - TELEPHONE SERVICE - BELL CANADA,
 - TELEVISION SERVICE - ROGERS.
16. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES HYDRO ONE, BELL AND THE CITY.
17. CONTRACTOR TO ENSURE ALL APPLICABLE OPS SPECIFICATIONS ARE FOLLOWED DURING CONSTRUCTION.
18. ALL PROPOSED CURB TO BE CONCRETE BARRIER CURB UNLESS OTHERWISE SPECIFIED.
19. THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GEOTECHNICAL INVESTIGATION COMPLETED BY PATERSON GROUP DATED APRIL 21, 2021.



ROOF DRAINS (B3)				
TYPE OF CONTROL DEVICE	WATTS DRAINAGE RD-100-A-ADJ (CLOSED)			
NUMBER OF ROOF DRAINS	23			
SCENARIO	2-YEAR	5-YEAR	100-YR	
ROOFTOP STORAGE (m³)	94.71	132.60	303.08	
DEPTH OF FLOW (m)	0.025	0.035	0.080	
FLOW PER ROOF DRAIN (L/S)	0.32	0.32	0.32	
TOTAL RESTRICTED FLOW	7.25	7.25	7.25	



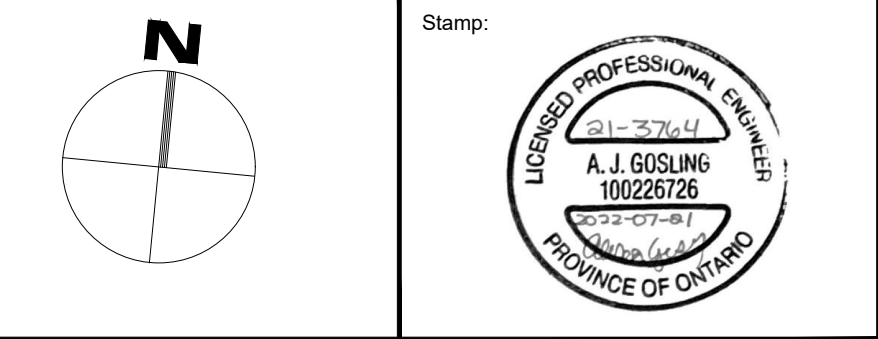
LEGEND	
CONCRETE BARRIER CURB	LIMIT OF CONSTRUCTION
STORM SEWER MANHOLE	DRAINAGE SWALE
LANDSCAPE CATCHBASIN PER CITY S30 & S31	DRAINAGE DITCH
CATCHBASIN PER OPSD 701.010	SLOPING AT 3:1 UNLESS SPECIFIED
AREA DRAIN TO BE SPECIFIED BY MECHANICAL	SURFACE ELEVATION
SANITARY SEWER MANHOLE	SWALE ELEVATION
FIRE HYDRANT	TOP OF WALL ELEVATION
WATER VALVE	BOTTOM OF WALL ELEVATION
WATER METER	OVERLAND FLOW ROUTE
REMOTE WATER METER	SILT FENCE BARRIER
ROOF DRAIN	PROPOSED WALL
SIAMESE CONNECTION	
SUBDRAIN	

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

No.	Revisions	Date
7	ISSUED FOR REVIEW	JULY 21, 2022
6	ISSUED FOR REVIEW	MAY 06, 2022
5	ISSUED FOR REVIEW	MAR 10, 2022
4	ISSUED FOR REVIEW	DEC 10, 2021
3	ISSUED FOR REVIEW	NOV 29, 2021
2	ISSUED FOR TENDER	NOV 10, 2021
1	ISSUED FOR REVIEW	JUNE 30, 2021
Check and verify all dimensions before proceeding with the work		Do not scale drawings



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Client:	KANATA WOODS INC 205 - 1600 LAPERRIERE AVE OTTAWA, ON K1Z 8P5
Project:	THE WOODS 180 KANATA AVE

Drawing Title:	LOT GRADING AND DRAINAGE PLAN
Scale:	1:300
Project Number:	CCO-21-3764
Drawn By:	R.R.R.
Checked By:	C.J.M.
Designed By:	C.J.M.
Drawing Number:	C101

D07-12-21-0098