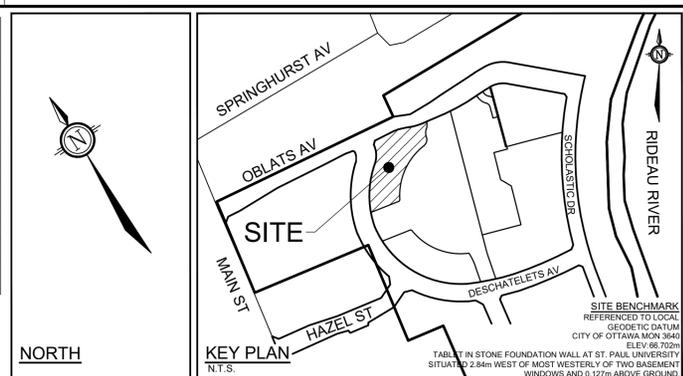


Required Underside of Concrete Adjacent to Tree Plantings
BLOCK 29

Unit	USF	Lowest F/G at Tree	2.1m Depth Section (Red)	3.5m Depth Section (Green)
T1-1	63.11	East = 64.50 West = 64.80	62.40	61.00
T3-5	63.36	65.00	62.90	61.50
T3-6	63.36	65.30	62.90	61.80
T5-9	63.51	65.35	63.25	61.85
T5-10	63.51	65.35	63.25	61.85
T6-11	63.41	65.00	N/A	61.50
T6-12	63.41	65.00	62.90	61.50
T6-13	63.41	65.00	62.90	N/A
T6-14	63.41	North = 65.20 South = 65.00	63.10	61.70



SOURCE REFERENCE:
PLAN OF SUBDIVISION OF PART OF LOT "H" CONCESSION "D" (RIDEAU FRONT), PREPARED BY ANNIS, O-SULLIVAN, VOLLEBEK LTD. ON DECEMBER 15, 2017. (PLAN 4M-1596)
TOPOGRAPHIC INFORMATION:
HORIZONTAL DATUM: NAD 83 (ORIGINAL), MTM - ZONE 9
VERTICAL DATUM: CGVD2878
1. DRAFT PLAN OF SUBDIVISION OF PART OF LOT "H" CONCESSION "D" (RIDEAU FRONT), PREPARED BY ANNIS, O-SULLIVAN, VOLLEBEK LTD (2015)
2. NOVATECH TOPOGRAPHIC SURVEY, APRIL 2024

LEGEND

	PROPOSED ELEVATION		EXISTING STORM MAINTENANCE HOLE
	EXISTING GROUND ELEVATION		EXISTING STORM MAINTENANCE HOLE
	PROPOSED ELEVATION (SUBDIVISION)		EXISTING CATCHBASIN
	EXISTING CONTOUR AND ELEVATION		EXISTING VALVE & VALVE BOX LOCATION
	TERRACE TO EXISTING (3:1 MAX)		EXISTING HYDRANT
	PROPOSED GRADING TIE-IN LIMITS		EXISTING DEPRESSED CURB
	PROPOSED SANITARY MAINTENANCE HOLE		EXISTING STREET LIGHT
	PROPOSED STORM MAINTENANCE HOLE		LEAN CONCRETE REQUIRED UNDER FOOTING TO 3.5m BELOW FINISHED GRADE (FOOTING WITHIN 4.5m OF PROPOSED TREE)
	PROPOSED CATCHBASIN		OVERDEPTH FOOTING/LEAN CONCRETE REQUIRED UNDER FOOTING TO 2.1m BELOW FINISHED GRADE (FOOTING WITHIN 4.5m-7.5m OF PROPOSED TREE)
	PROPOSED STAND POST LOCATION		SITE BOUNDARY
	DEPRESSED CURB		LAND TO BE TRANSFERRED TO THE CITY
	UNIT ID		
	FINISHED FLOOR ELEVATION		
	TOP OF FOUNDATION ELEVATION		
	UNDERSIDE OF FOOTING ELEVATION		
	SUNKEN FLOOR ELEVATION		

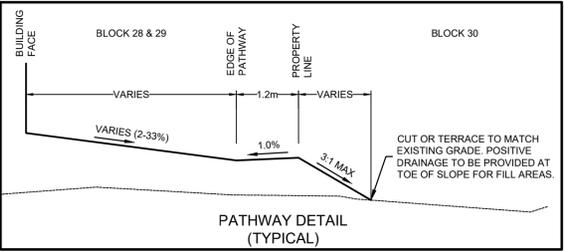
PAVEMENT STRUCTURE:

DESCHATELETS AVENUE
40mm ASPHALT SP12.5 (LEVEL B)
50mm ASPHALT SP19.0 (LEVEL B)
50mm ASPHALT SP19.0 (LEVEL B)
150mm GRANULAR "A"
450mm GRANULAR "B"
740mm TOTAL DEPTH

CAR COURT AREAS
50mm ASPHALT SP12.5 (LEVEL B)
150mm GRANULAR "A"
300mm GRANULAR "B"
500mm TOTAL DEPTH

GRADING AND PAVEMENT NOTES:

- ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED HARD SURFACE (i.e. PAVEMENT, CURB, SIDEWALK, ETC.) AREAS AS DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.
- EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE HEAVILY PROOF ROLLED WITH A LARGE (10 TON) VIBRATORY STEEL DRUM ROLLER UNDER DRY CONDITIONS AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACEMENT OF GRANULARS.
- ANY SOFT AREAS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUB-EXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMPATIBLE WITH THE EXISTING SOILS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- THE GRANULAR BASE SHOULD BE PLACED IN MAXIMUM 300mm LIFTS AND COMPACTED TO AT LEAST 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE. ANY ADDITIONAL GRANULAR FILL USED BELOW THE PROPOSED PAVEMENT SHOULD BE PLACED IN MAXIMUM 300mm LIFTS AND COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.
- SUBGRADE TO BE INSPECTED BY THE GEOTECHNICAL ENGINEER AT THE TIME OF CONSTRUCTION TO REVIEW IF A WOVEN GEOTEXTILE IS REQUIRED BELOW THE GRANULAR MATERIALS; AND TO CONFIRM THE DEPTH AND COMPACTION OF GRANULAR "B".
- PRIOR TO PLACEMENT OF WEAR COURSE ASPHALT, THE CONTRACTOR SHALL ADJUST ALL STRUCTURES TO FINAL GRADE PER CITY OF OTTAWA STANDARDS.
- MINIMUM OF 2% GRADE FOR ALL GRASSED AREAS UNLESS OTHERWISE NOTED.
- MAXIMUM TERRACING GRADE TO BE 3:1 UNLESS OTHERWISE NOTED.
- ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.
- ALL CURBS SHALL BE BARRIER CURB UNLESS OTHERWISE NOTED AND CONSTRUCTED PER CITY OF OTTAWA STANDARD (SC1.1).
- ALL SIDEWALKS ARE TO HAVE 2% CROSSFALL UNLESS OTHERWISE NOTED. CROSSFALL IS TO BE DIRECTED AWAY FROM BUILDINGS AND PROPERTY LINES UNLESS OTHERWISE NOTED. WHERE PATHWAY TO HAVE 1% CROSSFALL, LONGITUDINAL FALL IS TO BE 2% MINIMUM.
- REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE DETAILS.
- DESCHATELETS AVENUE IS A COLLECTOR ROADWAY. ALL ASPHALT USED FOR ROAD CUT REINSTATEMENTS SHALL BE LEVEL B (PG 58-34) PER R10 AND THE APPROVED SUBDIVISION PLANS.
- ASPHALT TO BE PLACED IN LIFT THICKNESSES NOT EXCEEDING 60mm OR AS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- REFER TO "GEOTECHNICAL INVESTIGATION - PROPOSED RESIDENTIAL DEVELOPMENT - 295 & 355 DESCHATELETS AVENUE, PREPARED BY PATERSON GROUP, DATED FEBRUARY 1, 2024" FOR ADDITIONAL INFORMATION.
- RIGHT OF WAY CURBS AND SIDEWALK TO BE CONSTRUCTED AS PER SC1.1 AND SC1.4 OR SC2. ENTRANCES TO BE CONSTRUCTED AS PER SC7.1.
- ARCHITECT IS TO PROVIDE UP-STANDS (RAISED FOUNDATIONS) IN LOCALIZED AREAS AS REQUIRED TO ACHIEVE A MINIMUM 0.15m CLEARANCE FROM THE PROPOSED TERRACE ELEVATIONS TO THE TOP OF FOUNDATION.



NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	DATE	BY
8.	REVISED FOUNDATION REQUIREMENTS	MAY 22/25	TJM
7.	REVISED PER CITY COMMENTS	APR 01/25	TJM
6.	UPDATED UNIT ELEVATIONS	MAR 25/25	TJM
5.	REVISED PER CITY COMMENTS	DEC 20/24	TJM
4.	REVISED PER CITY COMMENTS	NOV 29/24	TJM
3.	RE-ISSUED FOR SITE PLAN APPROVAL	OCT 17/24	TJM
2.	ISSUED FOR SITE PLAN APPROVAL	AUG 14/24	TJM
1.	ISSUED FOR DISCUSSION	APR 26/24	TJM

SCALE

1:250

DESIGN SAM

CHECKED TJM

DRAWN SAM

CHECKED TJM

APPROVED TJM

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LICENCED PROFESSIONAL ENGINEER
T. J. MCKAY
100195434
MAY 22, 2025
PROVINCE OF ONTARIO

LOCATION
CITY OF OTTAWA
GREYSTONE VILLAGE

DRAWING NAME
BLOCK 29
GRADING PLAN

PROJECT No. 114025
REV # REV #8
DRAWING No. 114025-FT-GR1

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