

**LEGEND**

V&VB	PROPOSED VALVE AND VALVE BOX	→	DIRECTION OF MAJOR OVERLAND FLOW ROUTE
HYD	PROPOSED HYDRANT	▭	STATIC PONDING AREA AND SPILL DEPTH ELEVATION
—	PROPOSED RETAINING WALL	○	EXISTING VALVE AND VALVE BOX
—	PROPOSED RETAINING WALL C/W CHAIN LINK FENCE	○	EXISTING FIRE HYDRANT
70.00	PROPOSED ELEVATION	□	EXISTING CATCHBASIN
70.00TW	EXISTING ELEVATION	□	EXISTING CURB INLET CATCHBASIN
72.00TW	PROPOSED TOP OF WALL ELEVATION	—	EXISTING ADJACENT LEGAL LINE
72.00TW	PROPOSED BOTTOM OF WALL ELEVATION	○	EXISTING TREES
72.00TW	EXISTING SWALE ELEVATION	○	EXISTING STREETLIGHT
—	PROPOSED SWALE	○	EXISTING UTILITY POLE
V&VB	PROPOSED VALVE AND VALVE BOX	○	EXISTING STORM MANHOLE
HYD	PROPOSED HYDRANT	○	EXISTING SANITARY MANHOLE
CBMH	PROPOSED CATCHBASIN MANHOLE		
CB1	PROPOSED CATCHBASIN		
RYE1	PROPOSED REAR YARD ELBOW		
RYT1	PROPOSED REAR YARD TREE		
—	PROPOSED TRENCH DRAIN		
▭	PROPOSED BUILDING ENTRANCE / EXIT		
▭	PROPOSED ROCK FLOW CHECK DAM (OPSD 219.210)		

**PAVEMENT STRUCTURE:**

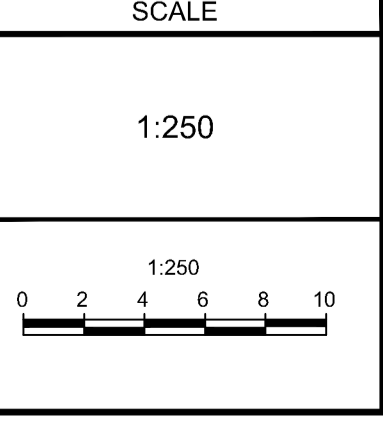
□	LIGHT DUTY 50mm SUPERPAVE 12.5 (PG 58-34) 150mm GRAN 'A' 300mm GRAN 'B' TYPE II
□	HEAVY DUTY 40mm SUPERPAVE 12.5 (PG 58-34) 50mm SUPERPAVE 19.0 (PG 58-34) 150mm GRAN 'A' 400mm GRAN 'B' TYPE II

\* GRANULAR BASE TO BE COMPACTED TO 99% STANDARD PROCTOR DRY DENSITY.

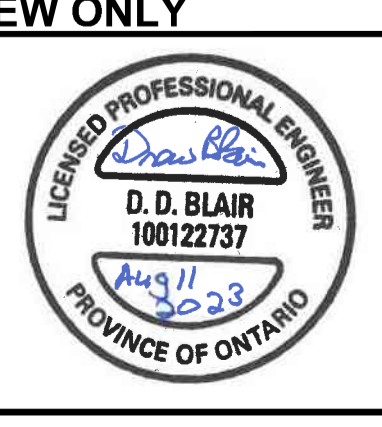
**NOTE:**  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK,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

**PRELIMINARY  
NOT FOR  
CONSTRUCTION**

No.	REVISION	DATE	BY
5.	ISSUED FOR SITE PLAN APPROVAL	AUG 11/23	DDB
4.	ISSUED FOR CITY OF OTTAWA REVIEW	JUN 2/23	DDB
3.	ISSUED FOR CITY OF OTTAWA REVIEW	JAN 27/23	DDB
2.	ISSUED FOR CITY OF OTTAWA REVIEW	MAY 8/22	DDB
1.	ISSUED FOR CITY OF OTTAWA REVIEW	DEC 23/21	DDB



DESIGN	DDb
CHECKED	DDb
DRAWN	MTM / SM
CHECKED	DDb
APPROVED	DDb



**NOVATECH**  
Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6

Telephone: (613) 254-9643  
Facsimile: (613) 254-5867  
Website: www.novatech-eng.com

CITY OF OTTAWA HILLSIDE COMMONS ORLEANS TOWN CENTER	
DRAWING NAME	
GRADING PLAN	
PROJECT No.	120237-00
REV	REV # 5
DRAWING No.	120237-GR

M:\2020\120237\CADD\Design\120237-GR.dwg, GR, Aug 04, 2023, 2:57pm, smathews

D07-12-21-0229