

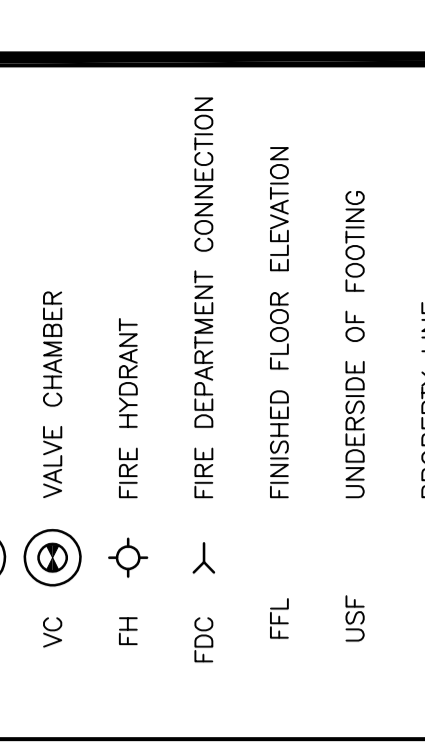
SITE BOUNDARIES AND EXISTING GRADES AND OTHER EXISTING FEATURES ARE DERIVED FROM TOPOGRAPHIC SKETCH PREPARED BY ANNIS O'SULLIVAN, VOLLEBECK LTD JOB NO. 16814-16, DATED FEB 24, 2021. EXISTING ELEVATIONS SHOWN ON THE TOPOGRAPHIC SKETCH ARE GEODETIC AND ARE REFERRED TO THE COVID28 GEODETIC DATUM, DERIVED FROM CITY OF OTTAWA LRT CONTROL MONUMENT 2011-0006 HAVING AN ELEVATION OF 72.657 METRES.

ALL EXISTING TREES ON THE PROPERTY AND RIGHT-OF-WAY SHALL BE PROTECTED DURING AND AFTER CONSTRUCTION AS PER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAWS AND THE URBAN TREES CONSERVATION BY-LAW AS AMENDED FROM TIME TO TIME



LEGEND

CB	CATCH-BASIN
MH	STORM MANHOLE
CB/MH	CATCH-BASIN/MANHOLE
MH	SANITARY MANHOLE
VC	VALVE CHAMBER
FH	FIRE HYDRANT
FDC	FIRE DEPARTMENT CONNECTION
FFL	FINISHED FLOOR ELEVATION
USF	UNDERSIDE OF FOOTING
---	PROPERTY LINE
+99.99	EXISTING GRADE ELEVATION
+99.99	PROPOSED GRADE ELEVATION
↑	OVERLAND FLOW
2%	PROPOSED SLOPE OF GRADE
D.C.	150mm BARRIER CURB
C.R.Z.	DEPRESSED CURB
	CRITICAL ROOT ZONE
	ASPHALT PAVEMENT
	CONCRETE
	PERMEABLE PAVERS



No.	DATE	REVISION
1	NOV 2-21	PRELIMINARY
2	JAN 11-22	ISSUED FOR COORDINATION
3	JAN 12-22	ISSUED FOR APPROVAL
4	JUL 28-22	RE-ISSUED FOR APPROVAL
5	JAN 25-23	RE-ISSUED FOR APPROVAL

D. B. GRAY ENGINEERING INC.
Professional Management Consulting & Engineering - James D. Gray, P. Eng. & Associates
 700 Long Point Circle
 Ottawa, Ontario K1J 1Y7
 d.gray@dbgrayengineering.com
 613-425-8044

Project: **PROPOSED 2 STOREY VOLVO DEALERSHIP**
 1328 MICHAEL STREET
 OTTAWA, ONTARIO

Drawing Title: **GRADING PLAN AND EROSION & SEDIMENT CONTROL PLAN**

Engineer's Seal: **D.B. GRAY**
 LICENSED PROFESSIONAL ENGINEER
 17016502
 JAN 25-23

Drawn: D.B.G.
 H. Scale: 1:200
 V. Scale: 1:20
 Date: NOV 2-21
 Job No.: 21012

Drawing No.: **C-3**
 of **8**

NOT VALID UNLESS SIGNED & DATED

Engineer's Seal: **D.B. GRAY**
 LICENSED PROFESSIONAL ENGINEER
 17016502
 JAN 25-23

DOT-12-22-0012

#18651

REFER TO NOTES, DETAILS & SCHEDULES ON DRAWINGS C-4 & C-5

0 5m 25m

REMOVE EXISTING LID AND FRAME. INSTALL NEW RISE SECTIONS AND/OR ADJUSTMENT RINGS AS NECESSARY TO ACHIEVE TOP ELEVATION OF +68.98 (TO MATCH PROPOSED GRADES). THE TOTAL NUMBER OF THE ADJUSTMENT RINGS SHALL NOT EXCEED THREE AND THE TOTAL HEIGHT OF THE ADJUSTMENT RINGS SHALL NOT EXCEED 300 mm. INSTALL NEW MANHOLE LID AND FRAME TO CITY OF OTTAWA DRAWING No. S25 & S24.1.1.

RETAINING WALL 1
 T.O.W. VARIES 69.47 TO 68.58
 B.O.W. VARIES 69.45 TO 69.22
 HEIGHT VARIES 0.02m TO 0.36m

RETAINING WALL 2
 T.O.W. VARIES 69.57 TO 68.53
 B.O.W. VARIES 69.19 TO 69.21
 HEIGHT VARIES 0.38m TO 0.32m

RETAINING WALL 3
 T.O.W. VARIES 69.57 TO 68.53
 B.O.W. VARIES 69.19 TO 69.21
 HEIGHT VARIES 0.38m TO 0.32m

INSTALL SEDIMENT CAPTURE FILTER SOCK IN EXISTING CB/MH

INSTALL SEDIMENT CAPTURE FILTER SOCK IN EXISTING CB/MH

INSTALL SEDIMENT CAPTURE FILTER SOCK IN EXISTING CB/MH

INSTALL SEDIMENT CAPTURE FILTER SOCK IN EXISTING CB/MH