INSTALL SEDIMENT CAPTURE FILTER SOCK INSERT IN CB

STRAW BALE FLOW CHECK

APPROXIMATE LIMIT OF WORK

ROOF DRAIN DISCHARGE TURN END DOWN ONTO 1.2x1.2m CONCRETE SPLASH PAD

APPROXIMATE LIMIT OF WORK

93.58 93.58 93.58

"BIO-SWALE" - SEE DETAIL ON C-7 & LANDSCAPE PLAN

0.5% 93.63 0.5% 93.68 0.5% 93.73

STRAW BALE FLOW CHECK

LAMP STANDARD TO BE RELOCATED

3:1 3:1 3:1

0.9% 93.79 0.9% 93.84 2.7% 94.04

APPROXIMATE LIMIT OF WORK

93.75 4% 93.80 7% 94.50 94.50 94.70 94.74 94.85

USF=93.00

CB-8 TOP 93.73 (0.15m ABOVE ADJACENT GRADES)

UNDERSIDE OF FOOTINGS SHALL BE 1.5m BELOW GRADE OR PROVIDE ADEQUATE INSULATION.

USF=93.35

RETAINING WALL T.O.W. VARIES 95.07 TO 95.11 B.O.W. VARIES 94.26 TO 94.99 HEIGHT VARIES 0.81m TO 0.12m

PROPOSED 3 STOREY APARTMENT BUILDING

FFL = 95.14
TOF = 95.14
USF = 93.49
(EXCEPT WHERE NOTED)

RETAINING WALL T.O.W. 95.30 HEIGHT VARIES 0.56m TO 0m

RETAINING WALL T.O.W. 95.30 HEIGHT VARIES 0.46m TO 0.56m

RETAINING WALL T.O.W. VARIES 95.30 TO 95.40 HEIGHT VARIES 0.18m TO 0.30m

RETAINING WALL T.O.W. VARIES 94.97 TO 94.40 HEIGHT VARIES 0m TO 0.30m

EXISTING BUILDING 'A'

EXIST. MH B TOP 94.76

T. MH F 93.67

94.10 94.99 95.07 2% 95.13 95.11

95.13 94.84 95.10 94.99 95.13

APPROXIMATE LIMIT OF WORK

RETAINING WALL T.O.W. 95.07 B.O.W. VARIES 94.43 TO 94.26 (0.15m ABOVE SWALE) HEIGHT VARIES 0.64m TO 0.81m

EXISTING BUILDING 'G'

SUBJECT PROPERTY

EASEMENT INSTRUMENT No. 510631

PLAN

94.28 95.07 94.43 94.54 95.07

RETAINING WALL T.O.W. 95.07 T.O.W. VARIES 94.69 TO 94.43 (MIN. 0.15m ABOVE SWALE) HEIGHT VARIES 0.38m TO 0.64m

RETAINING WALL T.O.W. VARIES 95.01 TO 94.69 (MIN. 0.15m ABOVE SWALE) HEIGHT VARIES 0m TO 0.38m

94.76 94.89 95.01 94.62 94.96 94.94

95.13 94.99 94.99 95.13

FIREWALL

95.08 95.03

"RAIN GARDEN" SEE DETAIL ON C-7 & LANDSCAPE PLAN

94.35 94.35 94.99

CB-2 TOP 94.50 (0.15m ABOVE ADJACENT GRADES)

INSTALL SEDIMENT CAPTURE FILTER SOCK INSERT IN CB

APPROVED ☒ REFUSED ☐

THIS 15th DAY OF September, 2021

ERIN O'CONNELL, MCIP, RPP, MANAGER (A)
DEVELOPMENT REVIEW, WEST
PLANNING, INFRASTRUCTURE AND ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

WATER PROOF UPSTAND TOP OF UPSTAND: 95.65

94.87 94.88 94.88 94.88 94.88 94.91 94.91 94.92

MONOLITHIC CONCRETE CURB SIDEWALK

D.C. 94.84 94.79

APPROXIMATE LIMIT OF WORK 94.69

MONOLITHIC CONCRETE CURB & SIDEWALK

MH-1 (OGS) TOP 93.98

XIST. MH E TOP 93.93

SITE BENCHMARK
FIRE HYDRANT
Top of Spindle
Elev=95.92

EXISTING FH

94.92 94.88 94.85 94.83 94.79 D.C. D.C.

MONOLITHIC CONCRETE CURB & SIDEWALK

95.13 95.03 95.03 95.07 D.C.

REMOVE EXISTING CURB & GUTTER

REMOVE EXISTING CURB & GUTTER

94.71 94.80 94.89 94.93 94.97

APPROXIMATE LIMIT OF WORK

DUNBAR COURT

EXISTING CB-0B TOP 94.71

INSTALL SEDIMENT CAPTURE FILTER SOCK INSERT IN CB

94.99 94.95 94.90 D.C 94.85 94.80

94.99 95.50 94.99 95.03 94.85

REMOVE EXISTING CURB & GUTTER

94.79 94.83 94.88 94.83

95.06 94.88 94.83 94.82

MONOLITHIC CONCRETE CURB & SIDEWALK

95.50 95.50 95.11 95.09 94.96 94.93 94.90

EXISTING FH

APPROXIMATE LIMIT OF WORK

EXIST. MH C TOP 94.93

EXIST. CB1A TOP 94.92

INSTALL SEDIMENT CAPTURE FILTER SOCK INSERT IN EXISTING CB

REFER TO NOTES & DETAILS ON DRAWING C-5 & C-6

0 2m 10m

DRAWING LEGEND

CB	CATCH BASIN
MH	MANHOLE
CB/MH	CATCH BASIN/MANHOLE
SPL	SPRINGLINE OF PIPE
INV	INVERT OF PIPE
SAN	SANITARY SEWER
ST	STORM SEWER
WS/WM	WATER SERVICE/WATERMAIN
CS	CURB STOP & STANDPOST
VB	VALVE & VALVE BOX
FH	FIRE HYDRANT
	ROOF DRAIN
M	WATER METER
R	REMOTE WATER METER READOUT
x67.89	EXISTING GRADE ELEVATION
+67.89	PROPOSED GRADE ELEVATION
2%	EXISTING SLOPE OF GRADE
2%	PROPOSED SLOPE OF GRADE
T.O.S	TOP OF SLOPE
B.O.S	BOTTOM OF SLOPE
	CENTERLINE OF SWALE
	PROPERTY LINE
	SILT FENCE BARRIER
D.C	150mm CURB/DEPRESSED CURB
	ASPHALT PAVEMENT
	ASPHALT WALKWAY
	CONCRETE
	LANDSCAPE
FFL	FIRST FLOOR ELEVATION
TOF	TOP OF FOUNDATION ELEVATION
USF	UNDERSIDE OF FOOTING

KEY PLAN

No.	DATE	REVISION
4	MAR 12-21	RE-ISSUED FOR APPROVAL
3	OCT 13-20	ISSUED FOR APPROVAL
2	APR 3-20	50% COMPLETE ISSUED FOR REVIEW & COORDINATION
1	JAN 21-20	PRELIMINARY

D. B. GRAY ENGINEERING INC.
Stormwater Management - Grading & Drainage - Storm & Sanitary Sewers - Watermains
700 Long Point Circle 613-425-8044
Ottawa, Ontario d.gray@dbgrayengineering.com

Project
PROPOSED THREE STOREY APARTMENT BUILDING
DUNBAR COURT
OTTAWA, ONTARIO

Drawing Title
GRADING PLAN AND EROSION & SEDIMENTS CONTROL PLAN

Engineer's Seal
LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
MAR 12-21
PROVINCE OF ONTARIO
NOT VALID UNLESS SIGNED & DATED

Drawn	D.B.G.
Hor. Scale	1:100
Vert. Scale	
Date	JAN 21-20
Job No.	19062

Drawing No.
C-4
of 9

D07-12-20-0139

#18306