Page Setup: ....
Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)
Plot Date: Tuesday, September 06, 2011 5:04:32 PM
Last Saved: Tuesday, September 06, 2011 5:04:22 PM
Consultant's Information: H:\SO\EO2331\EO8\WG\SWORKING DRAWING\GIS\EO2331EO8-GP2.dwg

BRITANNIA VILLAGE
FLOOD CONTROL

Delcan

Contract No.	Dwg. No. 101A
Sheet 2 of 4	
Asset No.	
Asset Group	ISD
Des.	Chk'd.
Dwn.	Chk'd.
Utility Circ. No.	Index No.
Const. Inspector:	

SCALE 1:250
0 1 5 10

NOTE: The location of utilities is approximate only, the exact location should be determined by consulting the municipal authorities and utility companies concerned. The contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

REVISIONS	No.	Description	By	Date (dd/mm/yy)

Kehoe St
Maud St
Cascades Ave

CONNECT TO EXISTING 450mmø STORM SEWER INV=57.97 (450ø) INV=58.12 (300ø)

156
164
170
174
176
180
182
184
186
188
190
192
194
196

CB 1 T/G=60.50 INV=59.30
17.7m–250ø STM @ 5.9%
31.2m–300ø STM @ 0.45%
21.9m–250mm STM @ 0.25%
18.5m–250mm STM @ 0.25%
CBMH 1 T/G=60.35 INV=58.26
CBMH 2 T/G=59.60 INV=58.31
CB 2 T/G=59.56 INV=58.36

RAISE SECTION OF EXISTING CONCRETE RETAINING WALL TO FINISHED ELEVATION OF 61.10.

PROVIDE LANDSCAPED BERM OR STEPS BETWEEN BORDING FOUNDATIONS.

FFE=61.34
GARAGE=60.72

CONCRETE WALL TOP=61.5m

FLOOD BARRIER PROVIDED BY EXISTING LANDSCAPE STEPS AND BUILDING FOUNDATION

TOP OF BERM ELEVATION=60.0m

SEE NOTE 1

72.10m 250mm STM. @ 0.5%

FFE=61.42
GARAGE=60.68

FFE=61.34
GARAGE=60.73

Existing Concrete Retaining Wall

EX. SAN MH INV.S=59.05
EX. SAN MH INV.S=57.67
EX. 450ø STM
EX. 450ø SAN
EX. 300ø STM
EX. STM MH T/G=59.85± INV.N=57.00 INV.S=56.95 INV.E=56.92
EX. 600ø STM
EX. 250ø SAN
EX. SAN MH T/G=60.07± INV.S=57.44
EX. SAN MH T/G=60.05± INV.S=57.20
EX. STM MH T/G=60.06± INV.N=57.51 INV.S=57.36
EX. STM MH T/G=60.06± INV.N=56.96 INV.S=56.93
SIB (990)
SSIB (W) (857)

LEGEND

- RAISE CONCRETE RETAINING WALL
- PROPOSED STORM SEWER
- LDRAIN 2 PROPOSED LANDSCAPE DRAIN
- RYCB 2 PROPOSED REARYARD CATCHBASIN
- DOUBLE CB PROPOSED DOUBLE CATCHBASIN
- PROPOSED BACKWATER VALVE FOR EXISTING DRAINAGE PIPE
- DIRECTION OF FLOW
- MH 101 EXISTING SANITARY MH & SEWER
- MH 102 EXISTING STORM MH & SEWER
- 200mmø WM EXISTING WATERMAIN
- EXISTING CONCRETE RETAINING WALL

NOTES

1. PROPERTY LINE AS PER: PLAN OF SURVEY OF THE WESTERLY LIMIT OF BLOCK "A", JAMISON STREET AND ROWATT STREET, REGISTERED PLAN 40 ½, CITY OF OTTAWA; AND PLAN OF SURVEY OF THE WESTERLY LIMIT OF REGISTERED PLAN 120, CITY OF OTTAWA. PREPARED BY FAIRHALL MOFFATT & WOODLAND LIMITED, MARCH 15, 2011.
2. LANDSCAPE DRAIN No.5 AS PER CITY OF OTTAWA STANDARD DRAWING L11.
3. LANDSCAPE DRAIN No.4 AS PER CITY OF OTTAWA STANDARD DRAWING L10.
4. PERFORATED PIPE AS PER CITY OF OTTAWA STANDARD DRAWING L9.
5. LOCATION OF SEWERS AND SWALES ARE PRELIMINARY. FINAL LOCATIONS ARE SUBJECT TO CHANGE PENDING FINAL DESIGN AND EASEMENT NEGOTIATION/ACQUISITION FROM AFFECTED PROPERTY OWNERS.

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, 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.