



Stantec Consulting Ltd.  
400 - 1331 Clyde Avenue  
Ottawa ON  
Tel. 613.722.4420  
[www.stantec.com](http://www.stantec.com)

---

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

---

## Legend

	PROPOSED WATERMAIN
	PROPOSED VALVE AND VALVE BOX
	PROPOSED VALVE CHAMBER
	PROPOSED REDUCER
	PROPOSED FIRE HYDRANT
	PROPOSED VALVE AND DMA CHAMBER AS PER CITY STD W3
	WATER METER
	REMOTE WATER METER
	PROPOSED SANITARY SEWER
	PROPOSED STORM SEWER
	PROPOSED CATCHBASIN
	EXISTING CULVERT
	EXISTING WATERMAIN
	EXISTING VALVE AND VALVE BOX
	EXISTING VALVE CHAMBER
	EXISTING FIRE HYDRANT
	EXISTING SANITARY SEWER
	PROPOSED DEPRESSED CURB LOCATIONS
	PROPOSED BARRIER CURB
	THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.
	EX. TREE TO BE REMOVED
	EX. TREE TO BE RETAINED
	ROAD CUT ASPHALT RE-INSTATEMENT PER CITY STD R10
	GRAVEL RE-INSTATEMENT AREA
	LANDSCAPE RE-INSTATEMENT AREA. 150mm TOPSOIL AND SEED
	HEAVY DUTY ASPHALT
	ASPHALT ACCESS PER SC21.
	RETAINED TREE CRITICAL ROOT ZONES (REFER TO TCR FOR DETAILS)
	TREE PROTECTION FENCING PER CITY STD F7 (REFER TO TCR FOR DETAILS)

## Notes

1. FINAL METER AND REMOTE METER LOCATIONS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
2. THE LOCATION AND ELEVATION OF SEWERS, WATERMAIN AND UTILITIES IS APPROXIMATE ONLY AND THE EXACT LOCATION AND ELEVATIONS SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION AND ELEVATION OF SEWERS, WATERMAINS AND UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARD AND REGULATIONS. ANY DISCREPANCY WITH THE INFORMATION SHOWN ON THESE PLANS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION.

SCHEDULE OF INLET CONTROL DEVICES				
AREA ID	STRUCTURE ID	ICD TYPE	100YR HEAD (m)	100YR FLOW (L/s)
POND 1	STM OUTLET	200mmØ ORIFICE	1.04	86.6
POND 2	CBMH 4	102mmØ ORIFICE	1.90	28.5
SCHEDULE OF ROOF RELEASE RATES				
BUILDING	DRAIN TYPE		# DRAINS	100YR Head (m)
BUILDING	WATTS ACCUEFLOW		10	0.15
				10.0

## Revision

File Name: 160401570 DB      MJS      AMP      MJS      20.08.17

---

## Permit-Seal



---

## Client/Project

## 100 STEACIE DRIVE

OTTAWA, ON

---

## Title

Project No.	Scale	0	5	15	25m
160401570	1:500	 A scale bar consisting of a series of vertical black tick marks of decreasing height from left to right, representing distances of 1m, 2m, 3m, 4m, and 5m at a 1:500 scale.	5	15	25m
Drawing No.	Sheet		Revision		

