

**LEGEND**

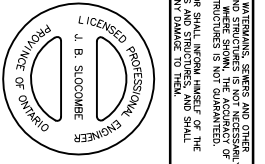
- MAJOR DRAINAGE DIVIDE
- MINOR DRAINAGE DIVIDE
- ZONING LINE FOR NEC
- PROTECTION AREA
- MAJOR DRAINAGE BASIN
- MINOR DRAINAGE BASIN
- MINOR DRAINAGE BASIN (GEORGIAN BLUFFS)
- MINOR DRAINAGE BASIN (CITY OF OWEN SOUND)
- C.S.A. REGULATED AREA
- WATER COURSE
- FLOW DIRECTION



4500 @ 5.8% - CAP 0.687 m <sup>3</sup> /s	1:2 1:5 1:10 1:25 1:50 1:100 REG.
PRE 0.1570 0.2330 0.2920 0.3400 0.3800 0.4150 0.4450 0.4710	
EX 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	
LTL 0.1570 0.2330 0.2920 0.3400 0.3800 0.4150 0.4450 0.4710	

1200 @ 6.0% - CAP 5.173 m <sup>3</sup> /s	1:2 1:5 1:10 1:25 1:50 1:100 REG.
PRE 0.2530 0.3290 0.3880 0.4360 0.4710 0.4910 0.5000 0.5000	
EX 0.0500 0.0440 0.0420 0.0420 0.0420 0.0420 0.0420 0.0420	
LTL 0.2530 0.3290 0.3880 0.4360 0.4710 0.4910 0.5000 0.5000	

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND DEPTH OF SUCH UTILITIES AND STRUCTURES BEFORE BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXISTING CONDITIONS. ALL RIGHTS ARE RESERVED AND SHALL REMAIN THE PROPERTY OF THE ENGINEER.



NO.	DATE	REVISION DESCRIPTION	CHK'D
1	JAN 11/08	UPDATED CULVERT & FLOW INFO	D.L.R.
2	MAR 6/08	ISSUED FOR 90% COMPLETED REPORT	D.L.R.
3	APR 10/08	ISSUED FOR FINAL DRAFT REPORT	D.L.R.
4	JULY 21/08	ISSUED FOR FINAL DRAFT REPORT	D.L.R.



**BROOKE AREA STORMWATER MANAGEMENT STUDY**  
**TWP. OF GEORGIAN BLUFFS & CITY OF OWEN SOUND**  
**DRAINAGE AREAS A5, A6 & A7**  
**EXISTING DESIGN FLOWS**

DESIGNED BY: J.B.S.  
 DATE: SEPT. 2007  
 SCALE: 1:4000

DRAWN BY: K.B.  
 PROJECT NO.: M-1586  
 DRAWING NO.: 6