



ACQUIRE EASEMENT OVER WATERCOURSE WEST OF GREY ROAD 1 (MED)

REACH BELOW RAIL TRAIL SHOULD BE LINED WITH RIP RAP OVER FILTER CLOTH (LOW)

RE-ROUTE EX. STORM SEWER SOUTHERLY TO 29th ST W STORM SEWER OUTLET (LOW)

OWEN SOUND HARBOUR

REMOVE EX. 400Ø CSP AND PLACE 750Ø CSP (HIGH)

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ELIMINATE 450Ø CSP SPILL FROM A5 TO A6 (MED)

RECONSTRUCT 27th ST W STORM SEWER FROM 8th AVE W TO FORMER ON RAIL TRAIL (MED)

REPLACE EXISTING COLLAPSED (2) 600Ømm CP's (HIGH)

ACQUIRE EASEMENT OVER WATERCOURSE WEST OF 8th AVE W (MED)

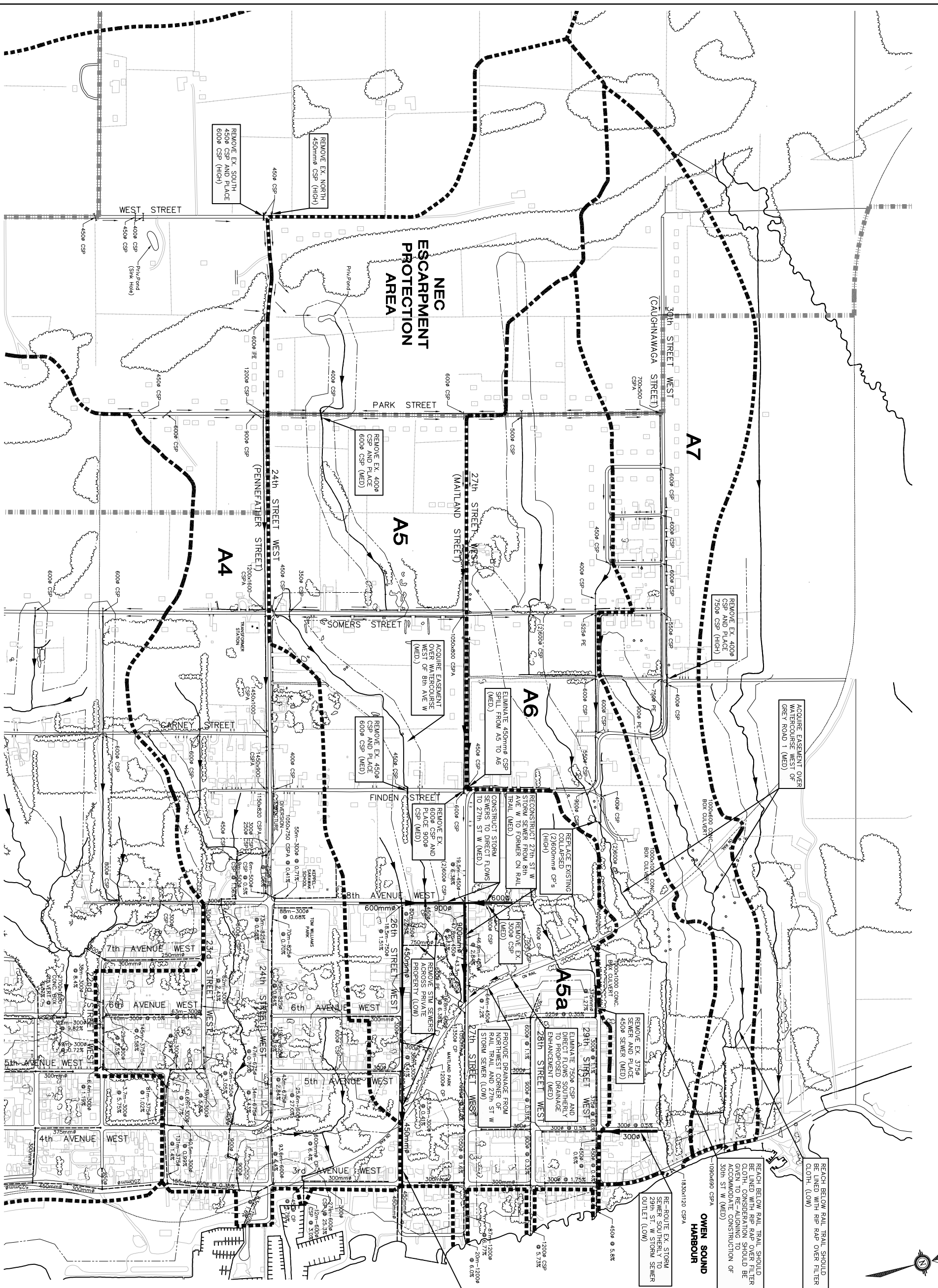
REMOVE EX. 450Ø CSP AND PLACE 600Ø CSP (MED)

REMOVE EX. 400Ø CSP AND PLACE 600Ø CSP (MED)

REMOVE EX. NORTH 450Ømm CSP (HIGH)

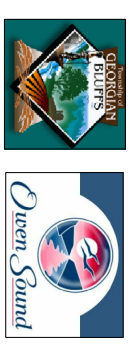
REMOVE EX. SOUTH 450Ø CSP AND PLACE 600Ø CSP (HIGH)

NEC ESCARPMENT PROTECTION AREA



- NOTES :**
- GENERAL RECOMMENDATIONS FOR ALL BASINS.
 - DEFINE BOUNDARIES BETWEEN BASINS BY BERING SPECIFIC LOCATIONS IN DITCHES.
 - CONFIRM FLOW DIRECTIONS IN DITCHES AND ENSURE PROPER GRADING TO PREVENT FLOODING.
 - DITCHES TO BE VEGGED AFTER PRESENT EROSION AFTER MAINTENANCE BY EXCAVATION.

- LEGEND**
- MAJOR DRAINAGE DIVIDE
 - ZONING LINE FOR NEC
 - PROTECTION AREA
 - MAJOR DRAINAGE BASIN
 - G.S.C.A. REGULATED AREA
 - WATER COURSE
 - FLOW DIRECTION



CONSTRUCT NEW 28th ST W 8th AVE W STORM SEWER AND CONNECT TO EX. 28th ST W (2)450Ø OUTLET (LOW)

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THIS PLAN. THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO SUCH UTILITIES AND STRUCTURES.



NO.	DATE	REVISION DESCRIPTION	CHK'D
4	JULY 21/08	ISSUED FOR FINAL REPORT	D.J.R.
3	APR 10/08	ISSUED FOR FINAL DRAFT REPORT	D.J.R.
2	MAR 6/08	UPDATED FOR 80% COMPLETED REPORT	D.J.R.
1	JAN 11/08	UPDATED CULVERT & FLOW INFO	D.J.R.



BROOKE AREA STORMWATER MANAGEMENT STUDY

TWP. OF GEORGIAN BLUFFS & CITY OF OWEN SOUND

DRAINAGE AREAS A5, A6 & A7 PROPOSED CAPITAL WORKS

DESIGNED BY :	J.B.S.	PROJECT NO. :	M-1586
DRAWN BY :	K.B.	DATE :	SEPT. 2007
APPROVED BY :	J.B.S.	SCALE :	1:4000
DATE :	SEPT. 2007	PROJECT NO. :	9