

TOWNSHIP OF UXBRIDGE

PRESENTATION TO BUSINESS IMPROVEMENT AREA

BY

BEN KESTER, DIRECTOR OF PUBLIC WORKS

AND

TOM FOWLE, CHAIR, WATERSHED ADVISORY
COMMITTEE

TOPIC

DOWNTOWN FLOOD ALLEVIATION PROJECT

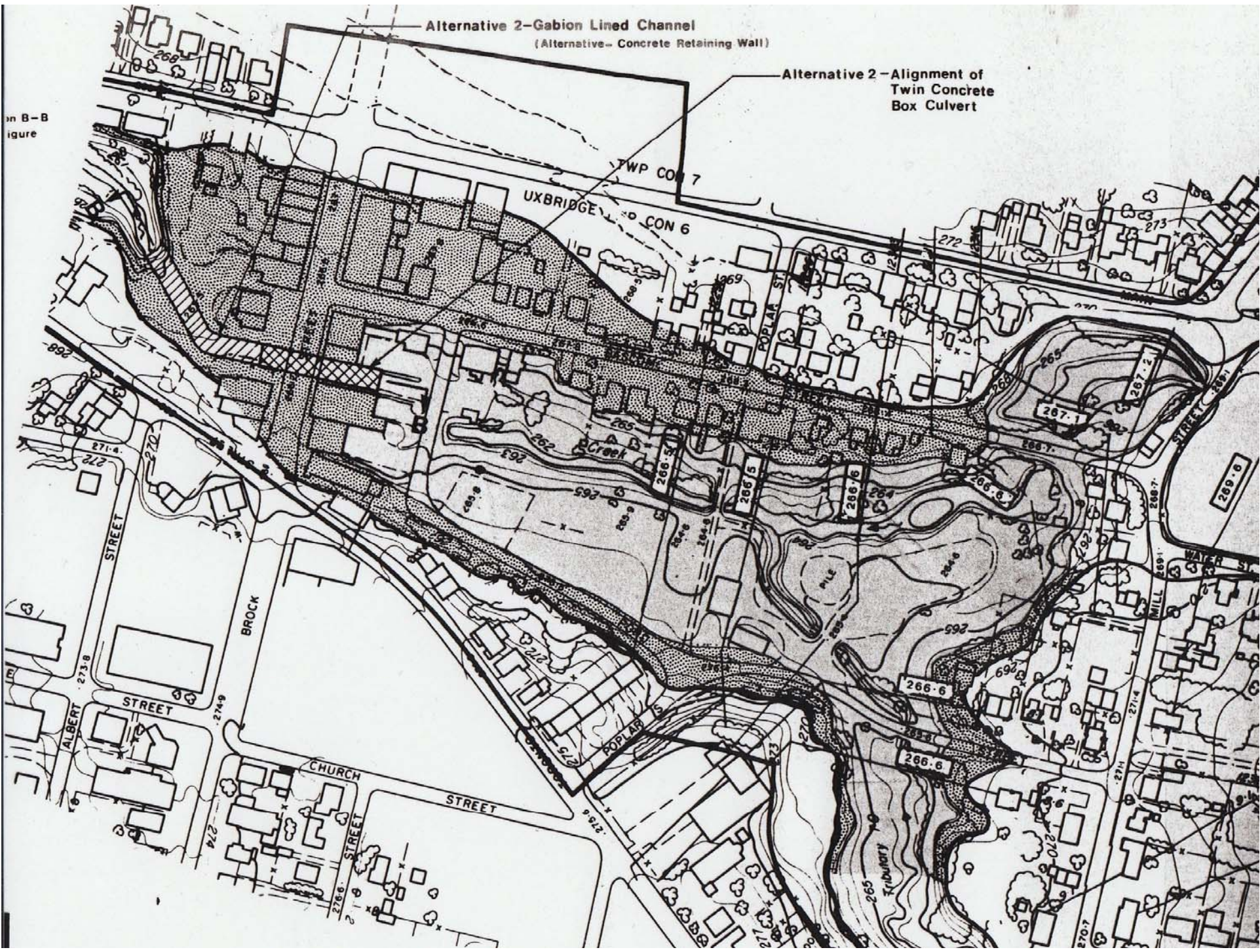
PURPOSE

TO INFORM AND ENGAGE BIA IN EA PROCESS

NOT

PROMOTE ANY PARTICULAR ALTERNATIVE SOLUTION





in B-B
figure

Alternative 2-Gabion Lined Channel
(Alternative- Concrete Retaining Wall)

Alternative 2-Alignment of
Twin Concrete
Box Culvert

TWP CO. 7

UXBRIDGE STREET
CON 6

272

MILL STREET

ALBERT STREET

STREET

BROCK STREET

CHURCH STREET

STREET

POPLAR STREET

TRIBUTARY

WATER



January 14, 2008

Township of Uxbridge
51 Toronto Street South
Uxbridge ON L9P 1T1

Attn: Debbie Leroux,
Clerk

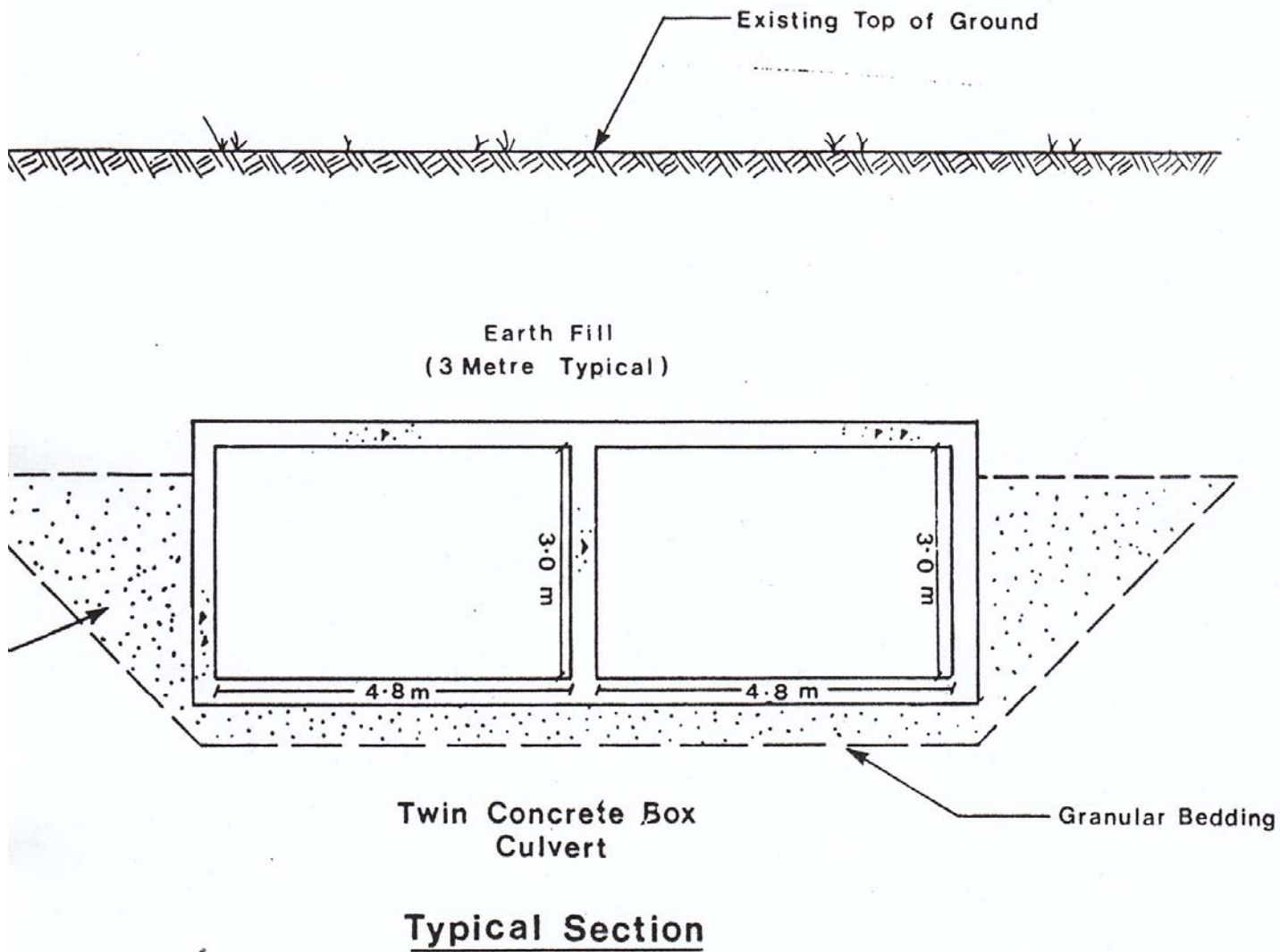
RE: Uxbridge Brook Flood Plain Mapping for Downtown Core

This to advise Council that the Uxbridge Watershed Advisory Committee (UWAC) unanimously passed the following motion at its meeting on January 10, 2008:

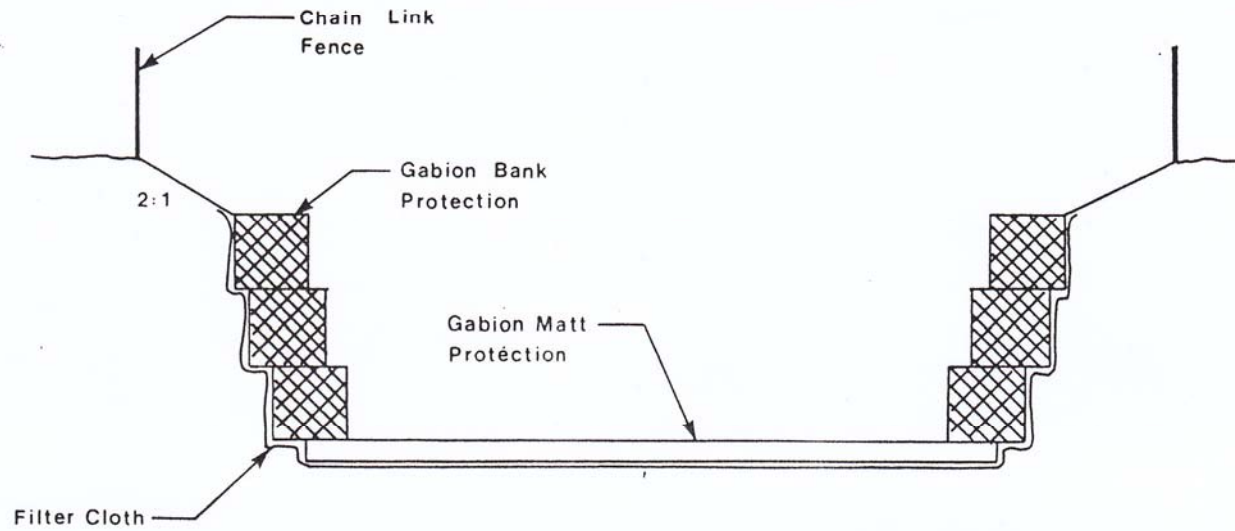
The UWAC recommends to Council that:

- 1) a consultant be engaged to update the 1983 Flood Relief Study prepared by Cumming - Cockburn Associates, including options and costs, and that this update include an expert evaluation of the condition of the existing culvert under Brock Street west; and
- 2) that Council also explore all possible options involving partnerships to share the cost of the study and possible subsequent remedial works.

Tom Fowle
Chair

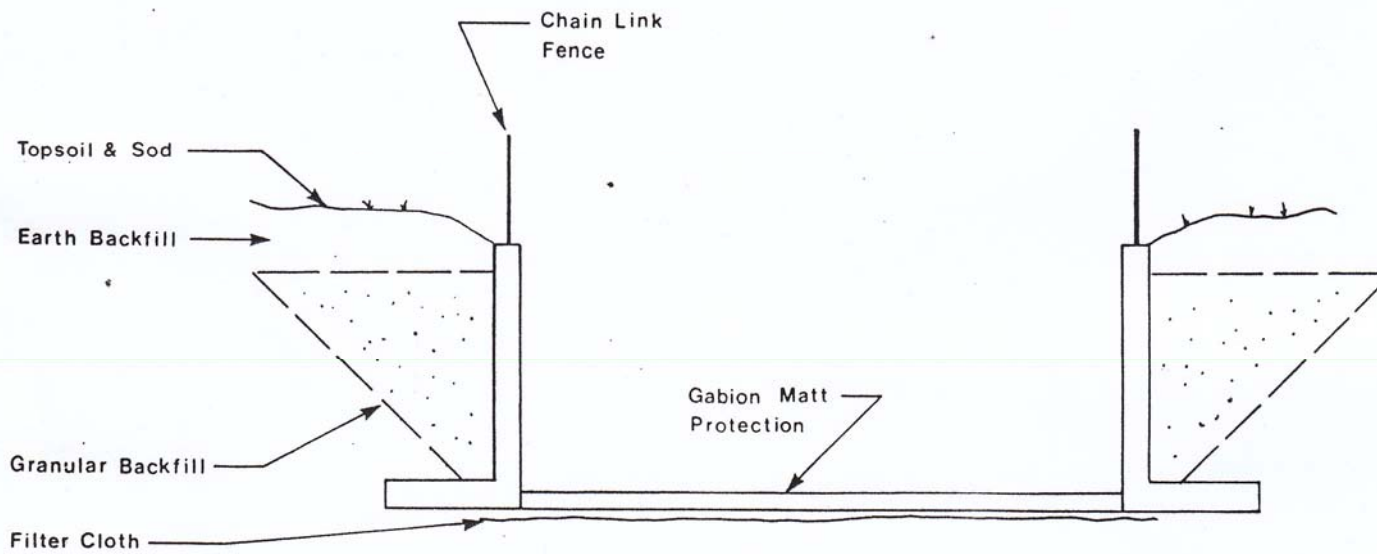


Typical Channel Protection



Gabion Channel

1:100



BENEFITS TO PROPERTY OWNERS AND BUSINESSES

ELIMINATE LOSS OF LIFE OR INJURY RISK

ELIMINATE PROPERTY DAMAGE RISK
NOT INSURABLE

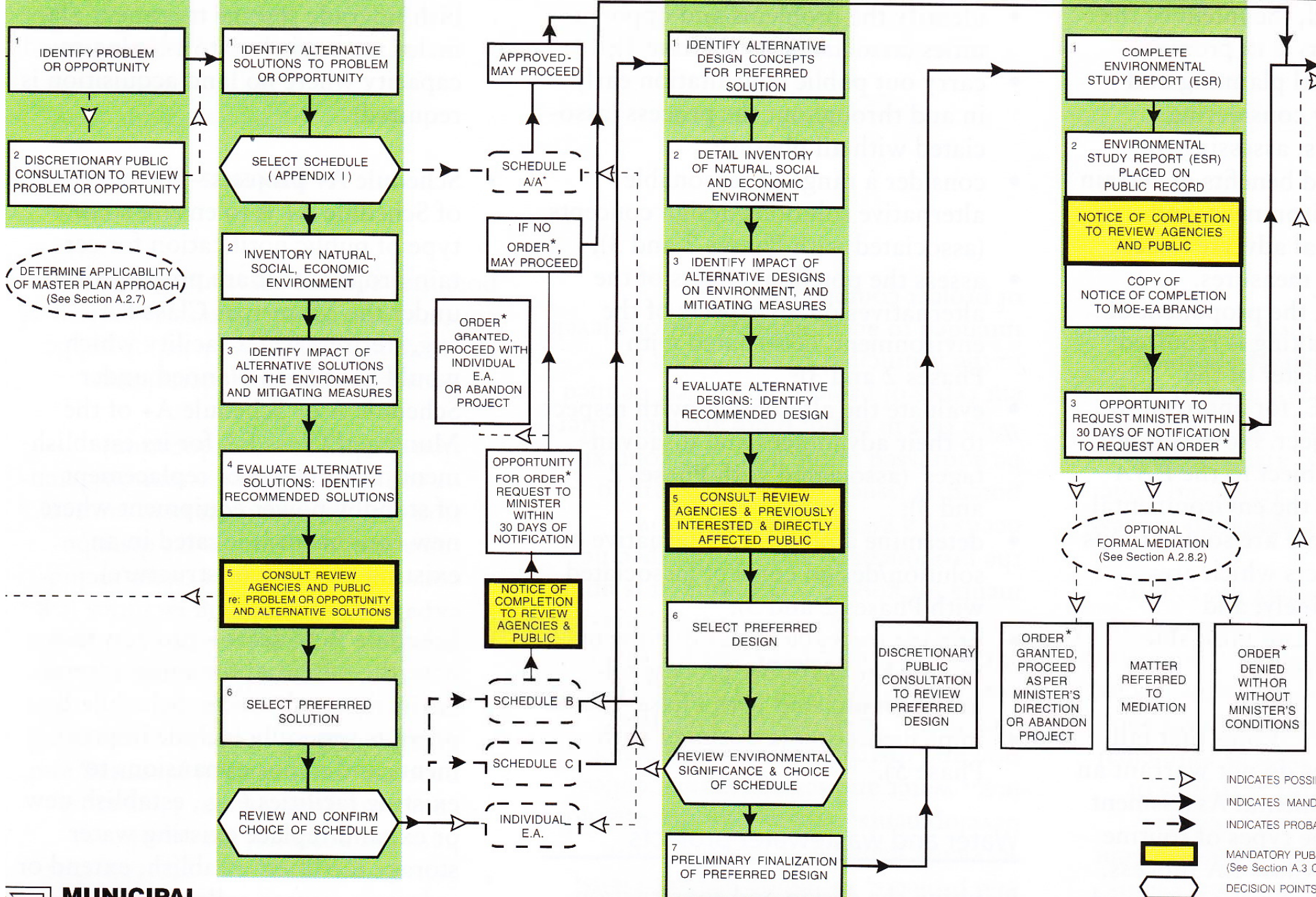
REMOVE DEVELOPMENT RESTRICTION
STRICT DEVELOPMENT CONTROLS

POTENTIALLY INCREASE PROPERTY VALUES

FOSTER DOWNTOWN REVITALISATION

CREATE A MORE ATTRACTIVE DOWNTOWN

PROBLEM OR OPPORTUNITY → **ALTERNATIVE SOLUTIONS** → **ALTERNATIVE DESIGN CONCEPTS FOR PREFERRED SOLUTION** → **ENVIRONMENTAL STUDY REPORT**



- - - -> INDICATES POSSI
 ———> INDICATES MAND
 - - -> INDICATES PROB
 [Yellow Box] MANDATORY PUB
 (See Section A.3.C)
 [Hexagon] DECISION POINTS

SELECTION OF PREFERRED ALTERNATIVE SOLUTION
BASED ON
ADDRESS REASON(S) FOR PROJECT
FEASIBILITY
ENVIRONMENTAL EFFECTS POSITIVE AND NEGATIVE
COST
COMMENTS BY PUBLIC

TOWNSHIP OF UXBRIDGE

PRESS BRIEFING

BY

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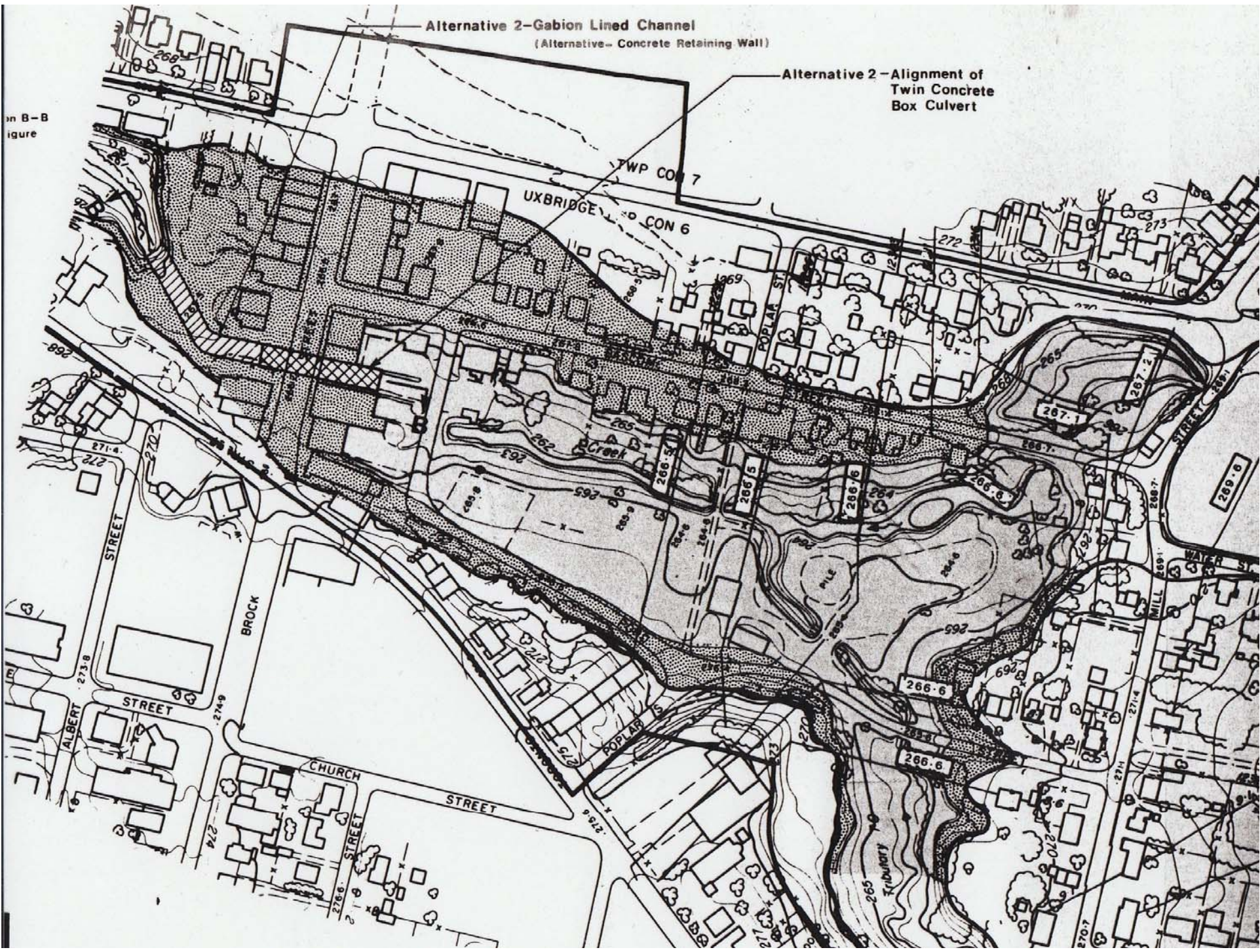
Simulation of Regional storm on Brock street











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“THE MOST CRITICAL LOCATION FOR FLOOD CONTROL... IS AT BROCK STREET. HERE THE LIMITED FLOW CAPACITY OF THE CULVERT (IN RELATION TO THE REGIONAL STORM) AND **THE PRESENCE OF COMMERCIAL STRUCTURES WHICH SPAN THE WIDTH OF THE VALLEY LANDS CREATES A PRECARIOUS FLOOD HAZARD CONDITION.**”

Cumming Cockburn & Associates Limited ☐
October 1983 Section 5-11

“UNDER THE REGIONAL STORM EVENT IT IS ESTIMATED THAT THE DAMAGE TO THE DOWNTOWN CORE WOULD BE IN THE ORDER OF \$5,101,200”

Cumming Cockburn & Associates Limited ☐
October 1983 Section 6-3

**CURRENT FLOOD DAMAGE : APPROXIMATELY \$15m
THIS IS NOT AN INSURABLE RISK**



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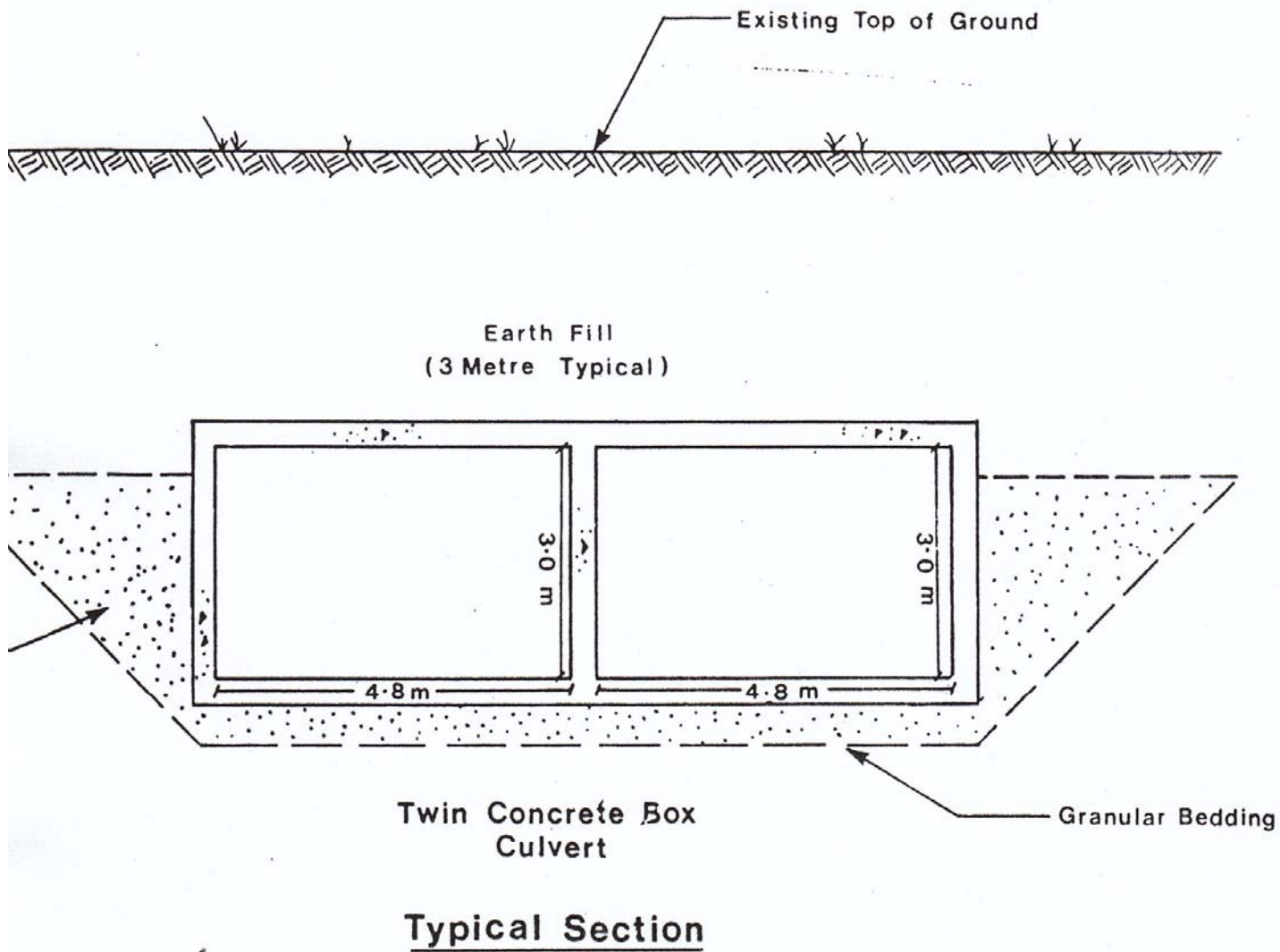
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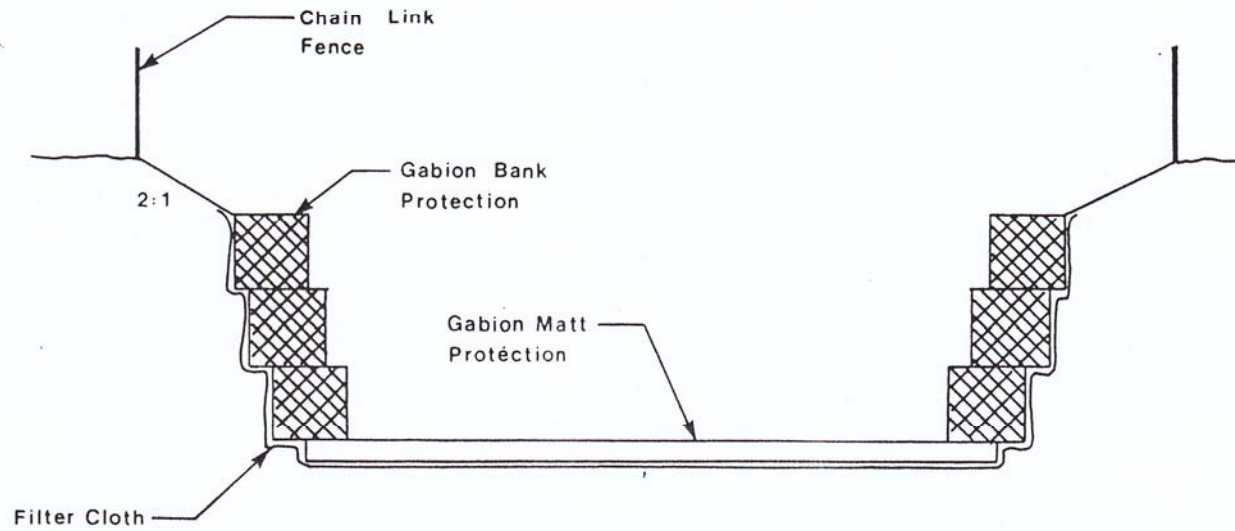
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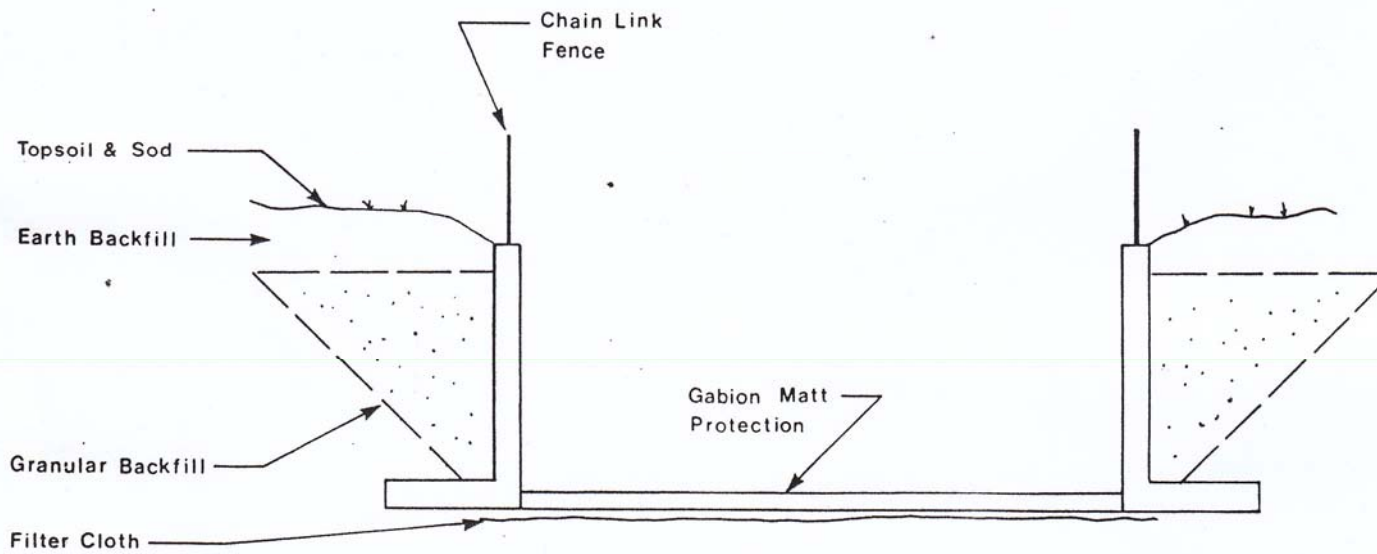


Typical Channel Protection



Gabion Channel

1:100



PRESENT DEVELOPMENT RESTRICTION IN
REGULATED AREA

NO INCREASE IN FOOTPRINT OF
EXISTING BUILDINGS PERMITTED

NO NEW BUILDINGS ALLOWED

AS PRACTICAL MATTER: DEVELOPMENT IS FROZEN

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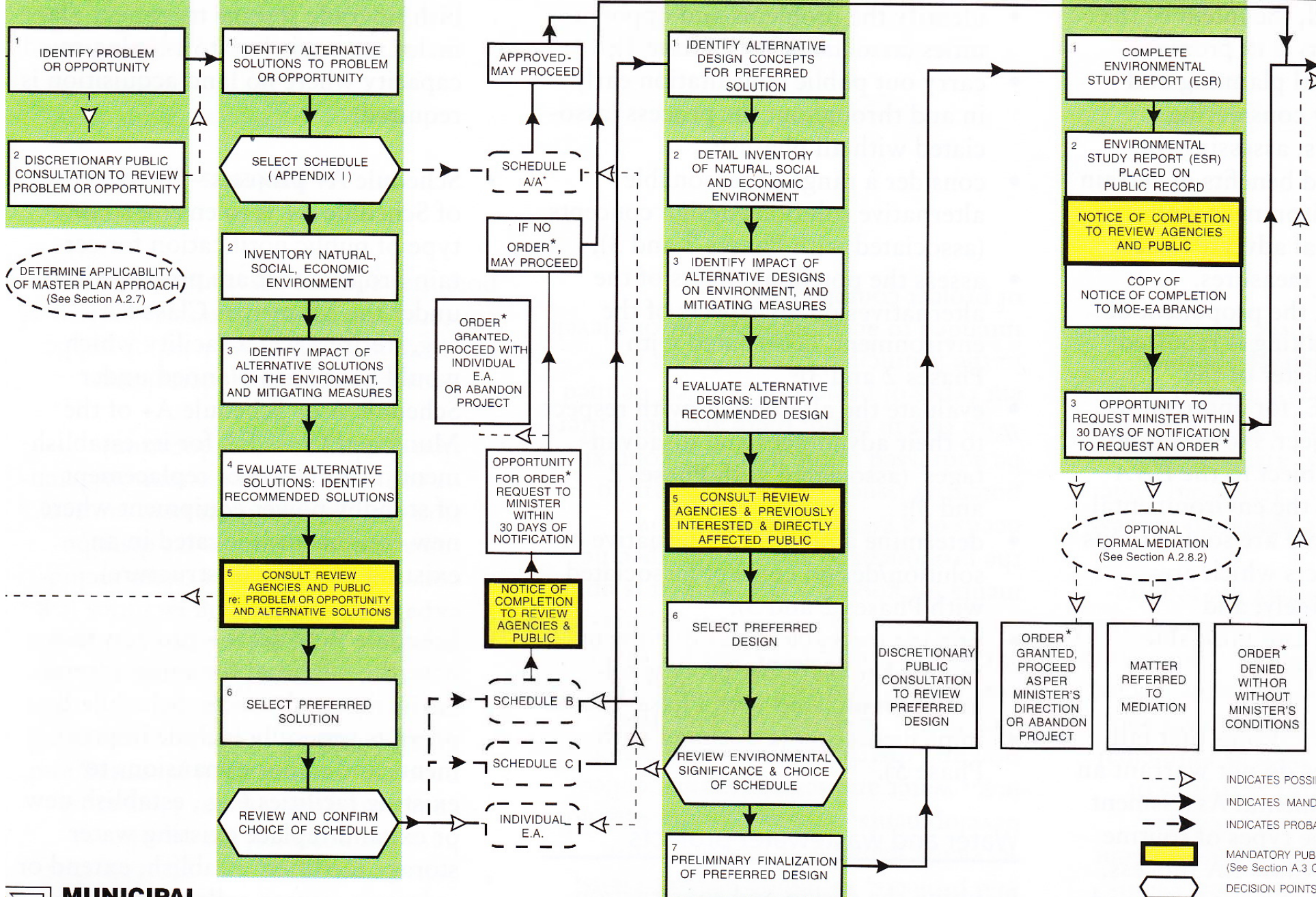
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NEXT PUBLIC INFORMATION CENTRE

NOVEMBER 2nd AT 6.00 pm

COUNCIL CHAMBER

WE ARE HOPING FOR GOOD ATTENDANCE

YOU CAN HELP BY INFORMING YOUR READERS