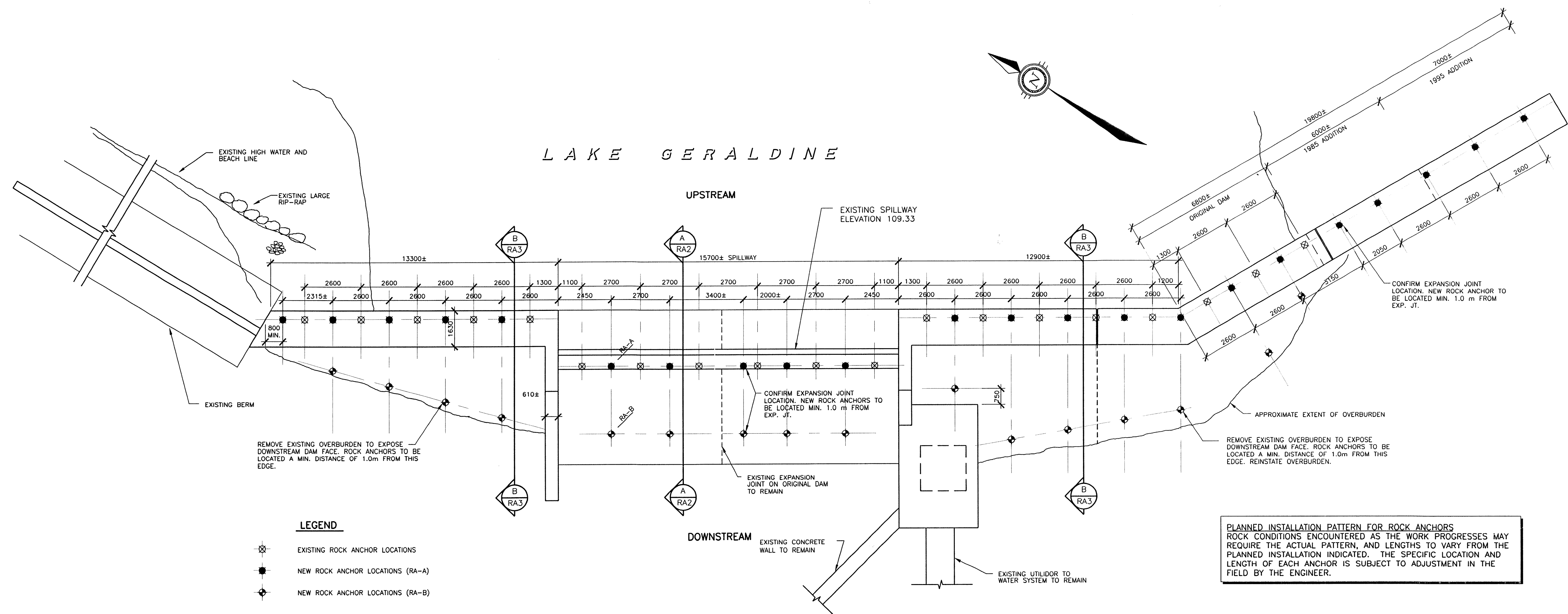
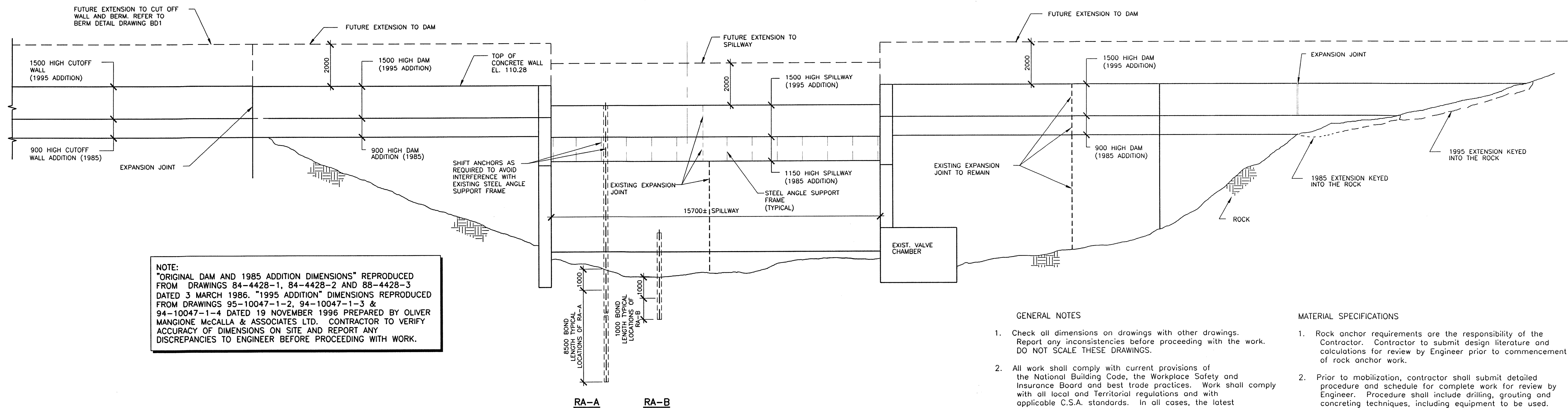


Rock Anchors - 2005



PLAN VIEW  
SCALE 1:100



DOWNSTREAM ELEVATION  
SCALE 1:100

NOTE:  
"ORIGINAL DAM AND 1985 ADDITION DIMENSIONS" REPRODUCED FROM DRAWINGS 84-4428-1, 84-4428-2 AND 88-4428-3 DATED 3 MARCH 1986. "1995 ADDITION" DIMENSIONS REPRODUCED FROM DRAWINGS 95-10047-1-2, 94-10047-1-3 & 94-10047-1-4 DATED 19 NOVEMBER 1996 PREPARED BY OLIVER MANGIONE McALLA & ASSOCIATES LTD. CONTRACTOR TO VERIFY ACCURACY OF DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO ENGINEER BEFORE PROCEEDING WITH WORK.

#### GENERAL NOTES

1. Check all dimensions on drawings with other drawings. Report any inconsistencies before proceeding with the work. DO NOT SCALE THESE DRAWINGS.
2. All work shall comply with current provisions of the National Building Code, the Workplace Safety and Insurance Board and best trade practices. Work shall comply with all local and Territorial regulations and with applicable C.S.A. standards. In all cases, the latest editions of codes and standards shall apply.
3. Before submitting tenders contractors shall carefully examine existing conditions to establish the extent of the work.
4. Locate all buried services prior to excavation. The contractor shall be responsible for all temporary bracing, shoring and dewatering necessary to undertake the work. Provide engineered drawings for same for review and approval of Engineer.
5. The contractor is responsible for removing excess materials and cleaning up on completion of the work.

#### GEOTECHNICAL INFORMATION

1. Refer to Geotechnical Report No. OTGE00017616B prepared by Trow Associates Inc. dated March 2005

#### MATERIAL SPECIFICATIONS

1. Rock anchor requirements are the responsibility of the Contractor. Contractor to submit design literature and calculations for review by Engineer prior to commencement of rock anchor work.
2. Prior to mobilization, contractor shall submit detailed procedure and schedule for complete work for review by Engineer. Procedure shall include drilling, grouting and concreting techniques, including equipment to be used. Contractor will then meet with engineer to discuss procedure and schedule and make any adjustments as required to allow work to be conducted in a safe and timely manner.
3. Contractor shall submit detailed drawings and calculations of proposed rock anchoring system for review by Engineer prior to commencement of work. Details will include length of embedment into rock, hole sizes, grout, theoretical rock and concrete stresses, tensioning procedure's and all other considerations as detailed on these drawings and specifications.
4. The term "ORIGINAL" denotes structure prior to 1985 raise. The term "EXISTING" denotes structure after 1985 raise. The terms "NEW" denotes components to be constructed under this contract.

#### REINFORCEMENT PLACEMENT

1. Rock Anchors - cover as specified on the drawings.

ISSUED FOR ROCK ANCHOR TENDER		no. 0 date 16/06/05 by KAB
REVISIONS		
NOTES: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS WITH FINAL ARCHITECTURAL AND MECHANICAL DRAWINGS. NOTIFY THE ENGINEERS OF ANY ERRORS AND / OR OMISSIONS PRIOR TO CONSTRUCTION FOR DIRECTION. DO NOT SCALE THIS DRAWING.		
 		
PERMIT TO PRACTICE TROW ASSOCIATES INC. Signature: <i>Karen A. Baker</i> Date: <i>June 27, 2005</i> PERMIT NUMBER: P184 The Association of Professional Engineers, Geologists and Geophysicists of the NWT/NU		
Trow Associates Inc. 154 Glenora Road South, Ottawa, Ontario K2E 7J5 Tel: (613) 225-9900 Fax: (613) 225-7337		
CITY OF IQALUIT		
PROJECT LAKE GERALDINE DAM ROCK ANCHORS - 2005		
DRAWING PLAN AND ELEVATION		
design by K.A.B.	project no. 076500017616C	RA1
drawn by R.L./M.N.	drawing no.	
checked by R.W.P.		
date MAY 2005	revision no.	
scale AS NOTED		0