

- NOTES:**
- THIS DRAWING USES DIGITAL IMAGES FROM A PDF COPY OF THE ORIGINAL 1982 "ST ANDREWS LOCK & DAM LOCK GATES RENEWAL, PROJECT NO. 037538, DESIGN DRAWING NO. 13 OF 14, BY PUBLIC WORKS CANADA, AS ITS BASE.
  - ORIGINAL NOTES AND TEXT THAT HAVE BEEN STRUCK OUT "EXAMPLE" ARE NOT PART OF THE CURRENT CONTRACT WORK.
  - ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
  - IT IS ANTICIPATED THAT ONLY MINOR CONCRETE REPAIRS TO THE GATE SILL CONCRETE ARE REQUIRED FOR THE CURRENT CONTRACT WORK. REPAIR CONCRETE AS PER DETAILS 2 AND 3 ON DRAWING C06, AND IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS.
  - THE ONLY CURRENT CONTRACT WORK ILLUSTRATED ON THIS DRAWING IS THE INSTALLATION OF A NEW TIMBER SILL, 76x305 PLANK AND OAK FACING BOARD. ALL OTHER DETAILS AND SECTIONS ARE PROVIDED FOR INFORMATION ONLY.

**wood.**

Consultant's Name  
Nom de l'expert-conseil

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Eng. Stamp  
Sciau de l'ingenieur

**C.M. WANNER**  
Professional Engineer  
2020-3-25

DO NOT SCALE DRAWINGS

5		
4		
3		
2		
1		
0	ISSUED FOR TENDER	20/03/06
revisions	description	date

**PUBLIC WORKS & GOVERNMENT SERVICES CANADA**

310 - 269 MAIN ST.  
WINNIPEG, MANITOBA R3C 1B3

project title

**ST ANDREWS LOCK & DAM  
625 RIVER ROAD  
LOCKPORT, MANITOBA R1A 2R4**

**ST ANDREWS LOCK & DAM  
STOPLOG FABRICATION  
AND LOCK REPAIRS**

approved by  
**G. NORLANDER**

designed by  
**C. WANNER**

drawn by  
**S. BROWN**

PWSSC Project Manager  
**B. JAIRAN**

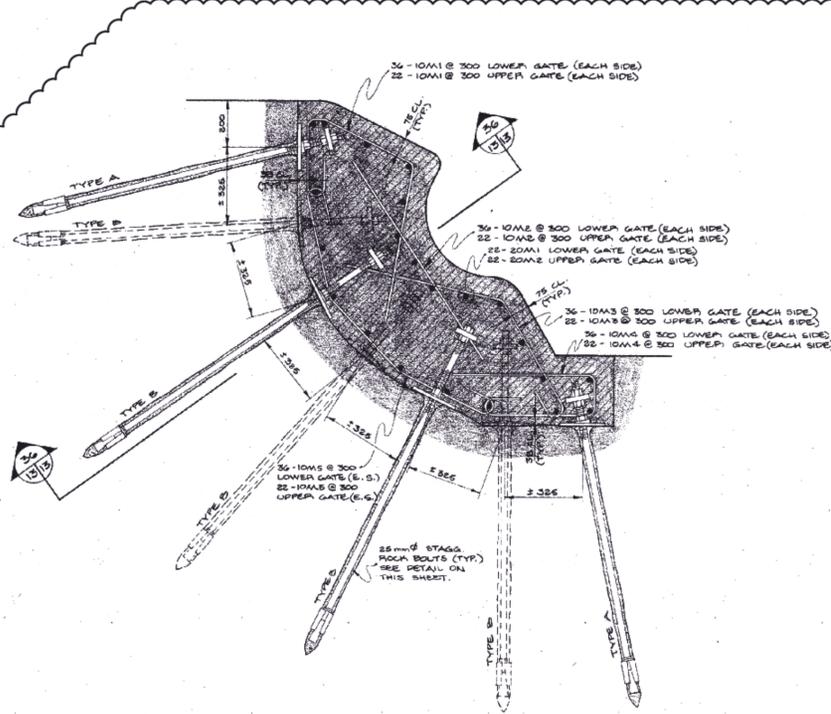
PWSSC, Architectural and Engineering Resources Manager  
**R. MAY**

Client  
**PUBLIC WORKS AND GOVERNMENT SERVICES CANADA**

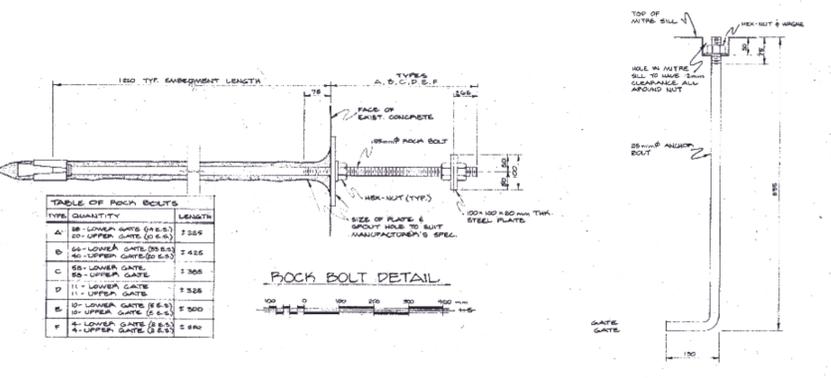
drawing title

**LOWER GATE  
UPSTREAM & DOWNSTREAM  
ELEVATIONS  
(1982)**

project no.	sheet	revision no.
<b>R.097505.001</b>	<b>C15</b>	<b>0</b>
	(OLD 13 OF 14)	



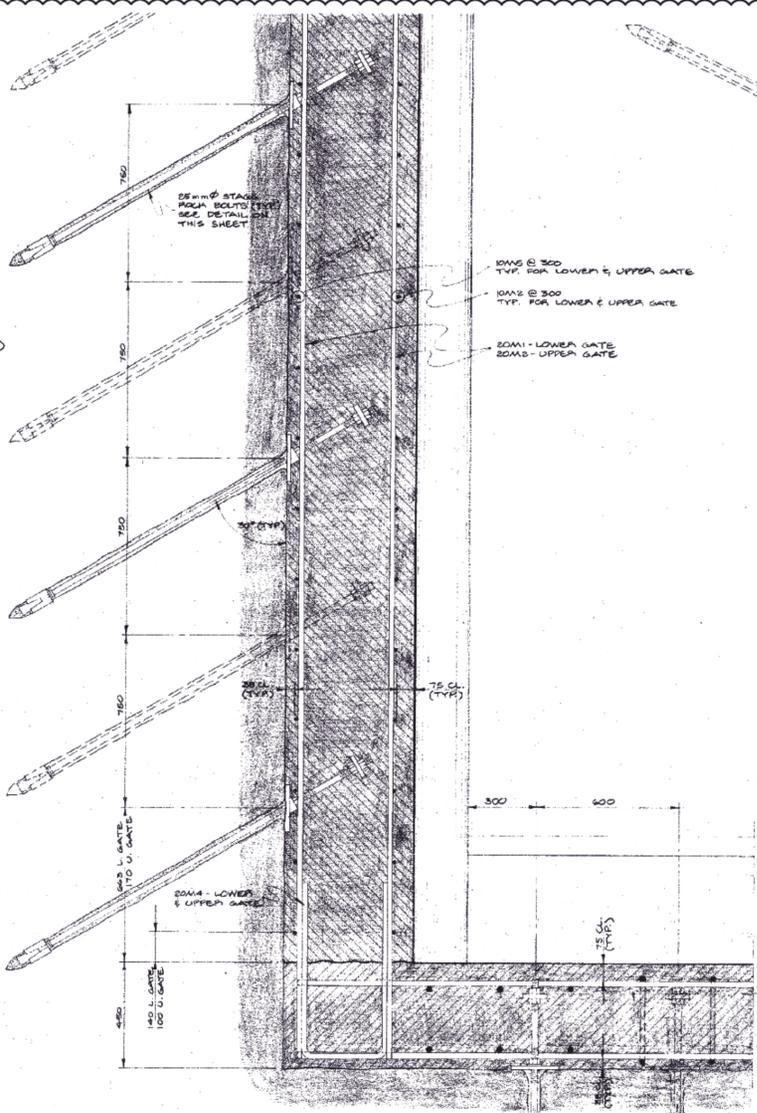
TYPICAL SECTION AT CONCRETE QUOIN



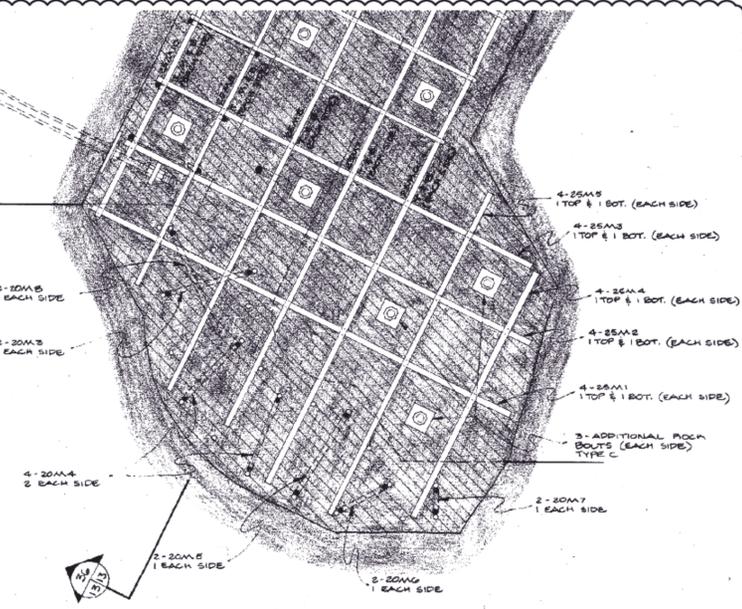
ROCK BOLT DETAIL



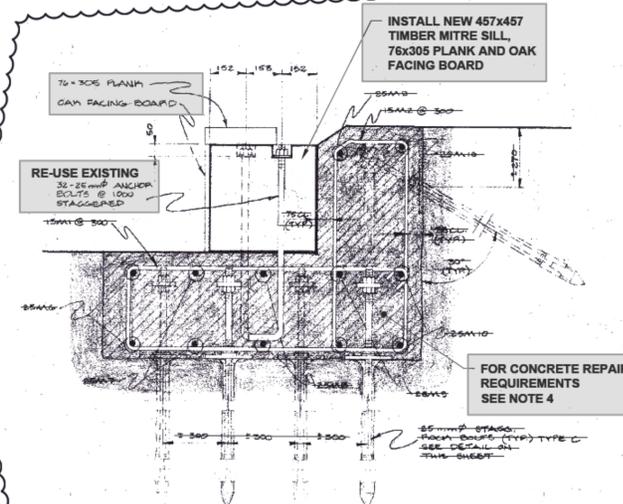
ANCHOR BOLT DETAIL



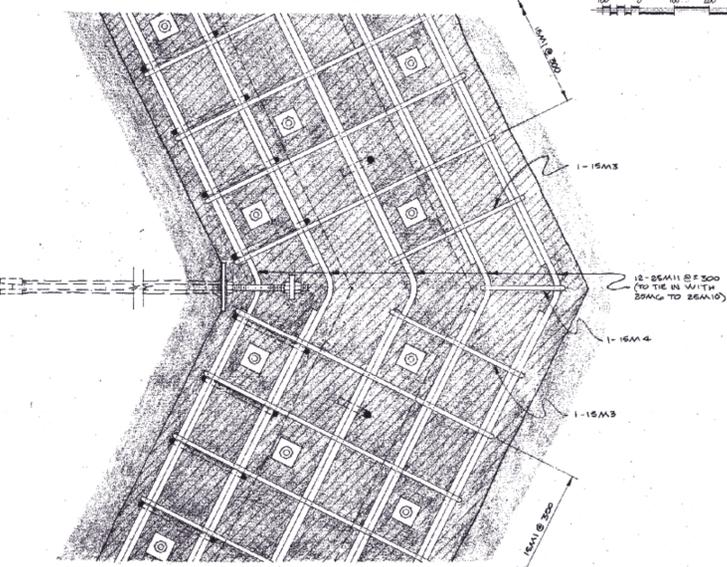
SECTION 36



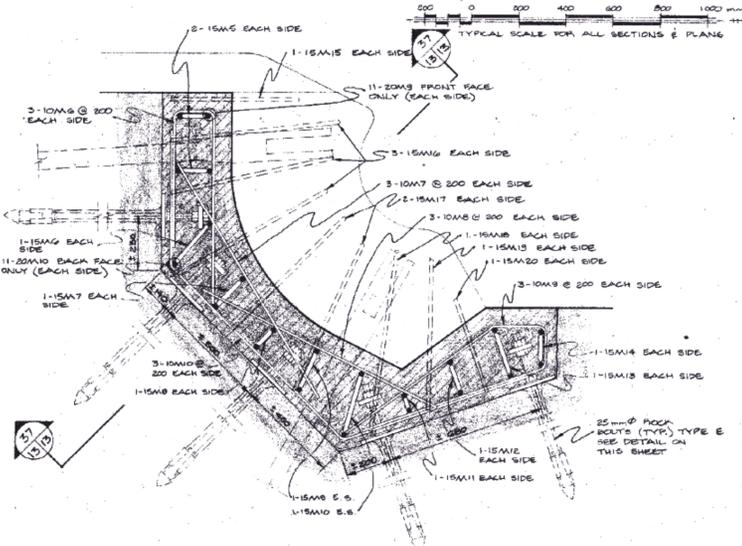
PLAN - REINFORCING AT BOT. SLAB LOWER GATE  
UPPER GATE SIMILAR



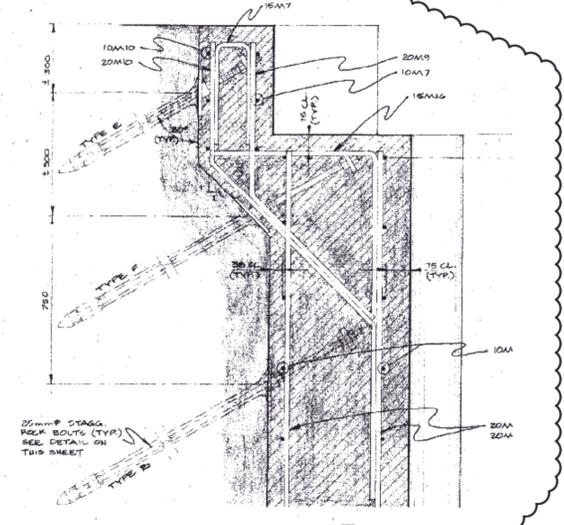
TYPICAL SECTION THROUGH MITRE SILL



PLAN - REINFORCING AT CENTRE OF MITRE SILL LOWER GATE  
UPPER GATE SIMILAR



PLAN - REINFORCING AT ANCHOR BOX LOWER GATE  
UPPER GATE SIMILAR



SECTION 37

SEE NOTE 5