

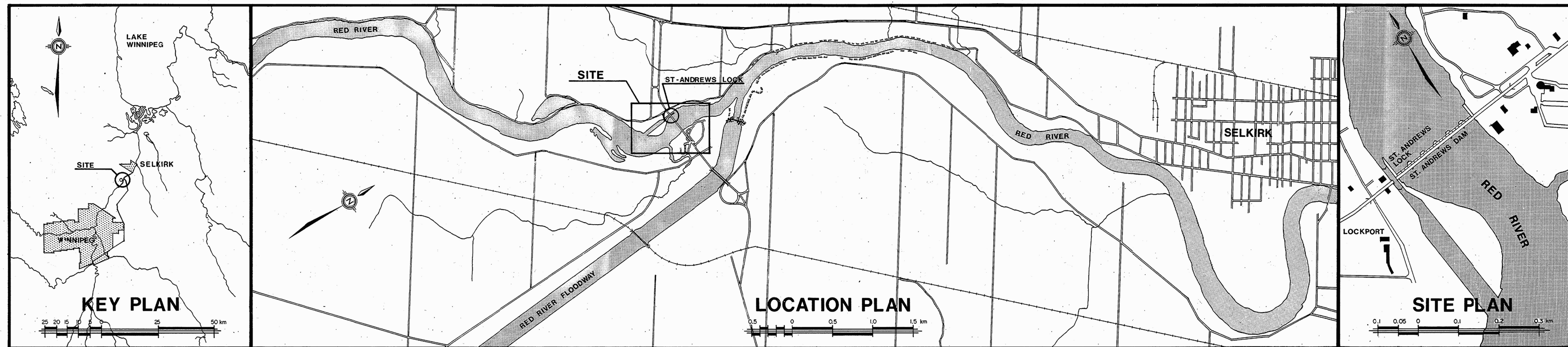


Public Works
Canada

Travaux publics
Canada

ST-ANDREWS LOCK & DAM

LOCK GATES RENEWAL



DRAWING TITLES:

1. ~~PLAN OF LOCKS - GENERAL ARRANGEMENT & SECTIONS~~
2. ~~UPPER GATES - GENERAL ARRANGEMENT & GENERAL NOTES~~
3. ~~LOWER GATES - GENERAL ARRANGEMENT, UPPER & LOWER GATES LIFTING LUGS DETAILS~~
4. ~~UPPER GATE UPSTREAM & DOWNSTREAM ELEVATIONS~~
5. ~~LOWER GATE UPSTREAM & DOWNSTREAM ELEVATIONS~~
6. ~~UPPER GATE SECTIONS, UPPER & LOWER GATES VERTICAL CHANNEL DETAILS~~
7. ~~LOWER GATE SECTIONS, UPPER & LOWER GATES EYE BAR DETAILS~~
8. ~~UPPER & LOWER GATES FABRICATED BEAMS - PLANS, ELEVATIONS & SECTIONS~~
9. ~~UPPER & LOWER GATES STEEL JACKETS, STEP SOCKETS - PLANS, ELEVATIONS, SECTIONS & DETAILS~~
10. ~~UPPER & LOWER GATES HEEL PLATES, PIVOTS - PLANS, ELEVATIONS & SECTIONS~~
11. ~~UPPER & LOWER GATES WALKWAY - PLAN, ELEVATIONS, SECTIONS & DETAILS; UPPER GATES BALLAST RETAINER DETAILS~~
12. ~~UPPER & LOWER GATES - GENERAL ARRANGEMENT, CONCRETE SECTIONS & DETAILS~~
13. ~~GENERAL REINFORCING SECTIONS & DETAILS~~
14. ~~PLAN - REINFORCING AT MITRE SILL & BAR LIST~~

PROJECT NO. 037538

EXPLANATORY NOTES:

1. THIS DRAWING, AND THE FOLLOWING 5 DRAWINGS, USE IMAGES FROM THE 1982 "ST. ANDREWS LOCK & DAM LOCK GATES RENEWAL, PROJECT NO. 037538" DESIGN DRAWINGS, BY PUBLIC WORKS CANADA, AS THEIR BASE.
2. THIS DRAWING, AND THE FOLLOWING 5 DRAWINGS, ARE NOT REFERENCE DRAWINGS, UNLESS CLEARLY IDENTIFIED AS SUCH, AND FORM PART OF THIS PROJECT WORK.
3. ST. ANDREW'S LOCK AND DAM IS DESIGNATED AS A NATIONAL HISTORIC SITE OF CANADA. THE HERITAGE VALUE OF THIS SITE IS CARRIED IN THE DESIGN AND MATERIAL OF THE CHARACTER DEFINING ELEMENTS (CDES) OF THE STRUCTURE.
4. PUBLIC WORKS AND GOVERNMENT SERVICES CANADA HAS PROVIDED PERMISSION TO THE CURRENT "ST. ANDREWS LOCK & DAM: ENGINEERING SERVICES FOR LOCK GATE REPLACEMENT, PROJECT NO. R.014381.002" ENGINEERING TEAM OF RECORD, TO USE THE 1982 DESIGN DRAWINGS AS THE DRAWING BASE FOR THIS PROJECT.
5. THE CURRENT ENGINEERING TEAM OF RECORD MAKE NO CLAIM TO BE THE ORIGINAL DESIGNERS OF THE ST. ANDREWS LOCK GATES, AND ARE HEREBY ACKNOWLEDGING THE WORK OF THE ORIGINATING PUBLIC WORKS CANADA DESIGN AND ENGINEERING TEAM.
6. BY AUTHENTICATING THESE DRAWINGS WITH THEIR PROFESSIONAL ENGINEERING SEAL, THE CURRENT ENGINEERING TEAM OF RECORD CONFIRMS THEY HAVE REVIEWED THE INFORMATION WITHIN THESE DRAWINGS.
7. BEST EFFORTS HAVE BEEN MADE TO CLEARLY IDENTIFY AND NOTE ALL CHANGES, MODIFICATIONS AND OMISSIONS TO THE ORIGINAL 1982 DESIGN DRAWINGS, AS NECESSARY, TO SUFFICIENTLY DESCRIBE AND CLARIFY THE CURRENT PROJECT REQUIREMENTS.
8. THE IMAGES FROM THE 1982 RECORD DRAWINGS SHOWN WITHIN THE NEXT 14 DRAWINGS MAY NOT BE TO SCALE, AS THEY WERE CREATED FROM A DIGITAL PORTABLE DOCUMENT FORMAT (.PDF) COPY OF THE ORIGINAL DRAWINGS, THAT WAS PROVIDED TO THE CURRENT ENGINEERING TEAM OF RECORD BY PUBLIC WORKS AND GOVERNMENT SERVICES CANADA.
9. EACH OF THE NEXT 5 DRAWINGS USE THE ORIGINAL 1982 RECORD DRAWING NUMBERS TO ENSURE ACCURATE CROSS-REFERENCING BETWEEN ONE ANOTHER.
10. THE NEXT 5 DRAWINGS ARE INTENDED TO BE INTERPRETED AS A STAND-ALONE DRAWING SET, AND SHOULD NOT BE CROSS-REFERENCED WITH THE OTHER DRAWINGS OF THIS PROJECT WORK, UNLESS IDENTIFIED OTHERWISE.
11. ALL DIMENSIONS AND ALL ELEVATIONS ARE IN MILLIMETRES AND METRES, RESPECTIVELY, FOR THE FOLLOWING 5 DRAWINGS, UNLESS NOTED OTHERWISE.
12. A COMPLETE UNALTERED COPY (.PDF) OF THE ORIGINAL 1982 "ST - ANDREWS LOCK & DAM LOCK GATES RENEWAL, PROJECT NO. 037538" DESIGN DRAWINGS CAN BE REQUESTED FROM PUBLIC WORKS AND GOVERNMENT SERVICES CANADA.

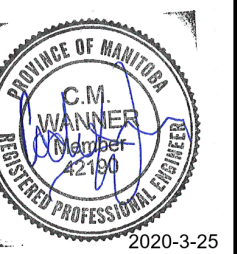
wood.

Consultant's Name
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Eng. Stamp
Sceau de l'ingénieur



DO NOT SCALE DRAWINGS

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

Client

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. JAIKARAN

PWSSC, Architectural and Engineering Resources Manager
R. MAY

Client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

drawing title

COVER PAGE
DRAWING LIST AND NOTES

(1982)

project no.	sheet	revision no.
R.097505.001	C10 (OLD 0 OF 14)	0