

Navigation Protection Program (NPP)  
820-800 Burrard Street  
Vancouver BC  
V6Z 2J8

## APPROVAL

**OWNER:** BC Hydro and Power Authority  
P.O. Box GEORGIA Street West  
VANCOUVER British Columbia V6E 4M3  
Canada

**WORK(S):** Bridge

**SITE LOCATION:** Located across Peace River, approximately at 56° 1' 42.24" N , 121° 53' 58.92" W, located on all that unsurveyed Crown foreshore or land covered by water being part of the bed of Peace River, Part of Island No.2, Section 19, Township 81, Range 25, West of The 6th Meridian, Peace River District, Hudson's Hope, in the Province of British Columbia.

As per the application (detailed above) to the Minister of Transport, submitted pursuant to the *Canadian Navigable Waters Act*, for an approval of the work per the attached four (4) plan(s), the Minister hereby approves the work pursuant to subsection 7(6) for the construction of the above mentioned work, in accordance with the following terms and conditions:

1. The CNWA Approval and its Terms and Conditions shall be posted at an easily accessible place at the worksite.
2. In the event that the operation of the above works is terminated, it will be the proponent's responsibility to remove the works and associated equipment in its entirety.
3. Install and maintain a warning sign at a location approximately 100m west of Western Reservoir Crossing WR1, advising of the work in progress. The sign shall be a minimum of 72"x 48", a white background with black lettering, with text as outlined below. Sign to be emplaced prior to and for the duration of construction.

### WARNING NO ACCESS KEEP TO THE MAIN CHANNEL

4. During construction, the outermost extent of the work above the surface of the water shall be marked with orange Hi-visibility markers on the upstream and downstream corners.
5. During construction, the outermost extent of the work above the surface shall be marked with a flashing yellow light on the upstream and downstream sides. The lights are to be in operation in darkness or limited visibility.
6. Construction machinery left in the water during darkness or limited visibility shall be marked with a flashing yellow light, visible to upstream and downstream traffic.
7. Any construction equipment anchored or left in or on the waterway shall be marked with a yellow flashing light placed on the outermost extremity if left overnight.
8. During open water season the bridge spans shall be marked using a flashing yellow light facing upstream and downstream and operating during times of darkness and limited visibility.

9. Upon completion of the associated vegetation clearing project, the works and associated equipment shall be completely removed without delay.
10. The upstream and downstream edges of the causeways shall be marked with orange Hi-visibility markers, evenly spaced every 20m on both the upstream and downstream sides, until the causeways are submerged due to inundation.
11. Upon removal of the bridge deck, the pier of WR1 shall be marked with an orange Hi-visibility marker until it is submerged 5 meters due to inundation.
12. Upon removal of the bridge deck, the pier of WR1 shall be marked with a flashing yellow light until it is submerged 5 meters due to inundation.
13. The owner shall conduct an Airborne LIDAR survey of the reservoir area post construction and clearing, but prior to the filling of the reservoir. This survey shall be the basis for mapping of the reservoir for boating.

**SIGNED ON JULY 23, 2021**  
**at the NPP regional office of Pacific**

**Leung**  
**, Eric**

Digitally signed by Leung, Eric  
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CN="Leung, Eric"  
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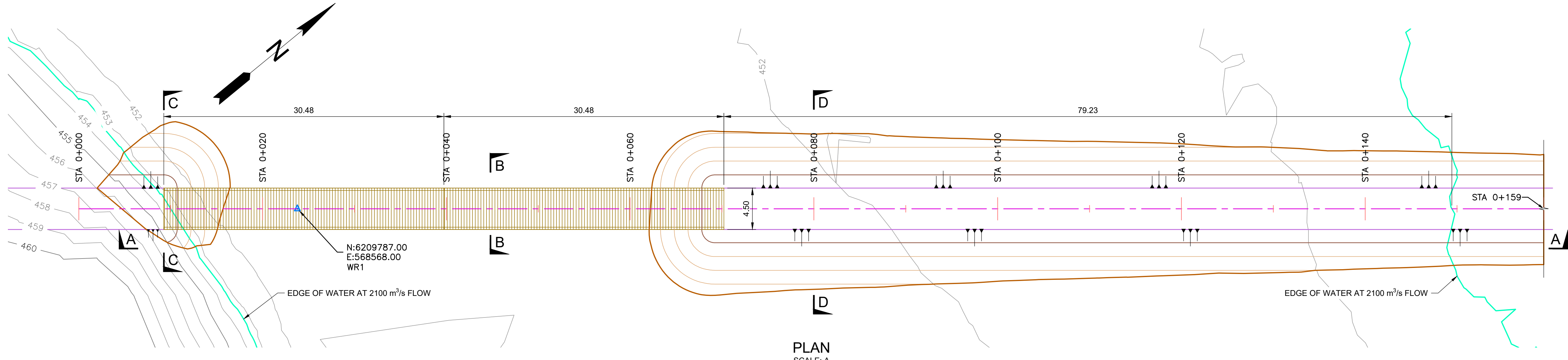
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Eric Leung  
NPP Officer  
Programs Group  
Transport Canada  
Pacific Region  
For the Minister of Transport



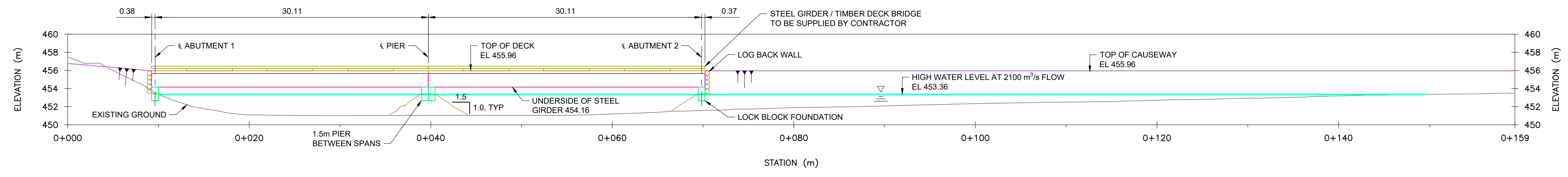




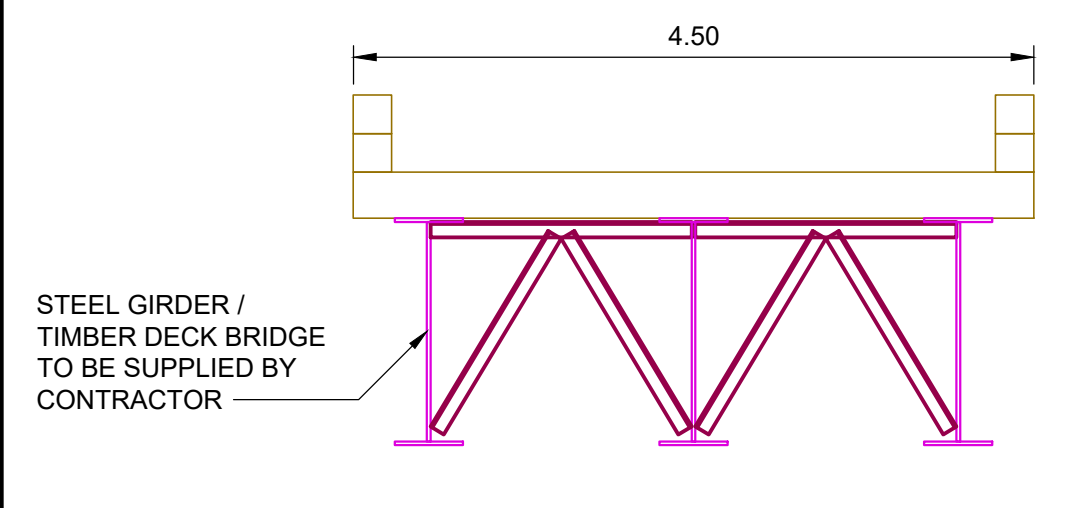


**Reviewed/Examiné**  
 Date: 2021-07-22  
 By:par:   
 ERIC LEUNG  
 2021-504171 4 of 4  
 Navigation Protection Program /  
 Programme de protection de la navigation

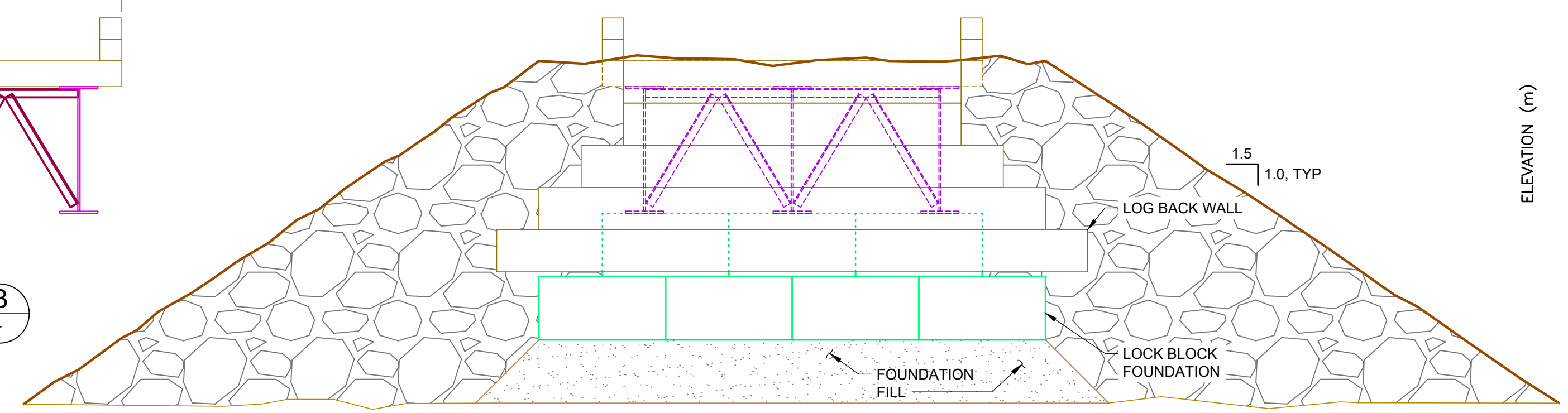
PLAN  
SCALE: A



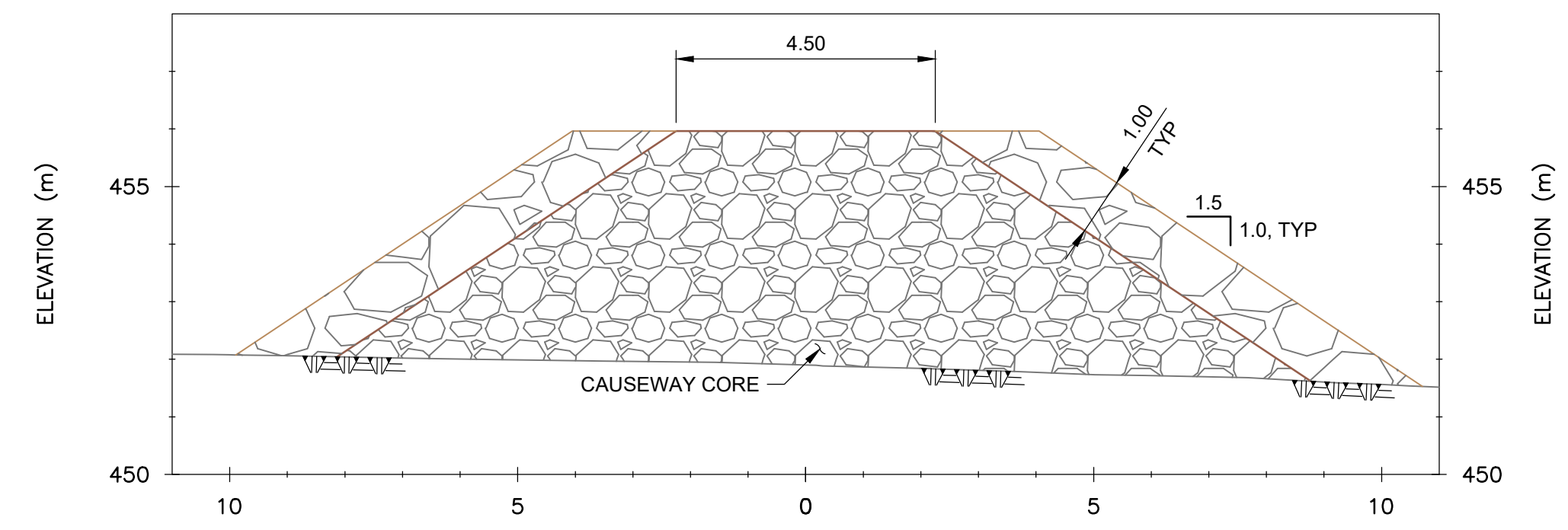
SECTION A  
SCALE: A



SECTION B  
SCALE: B

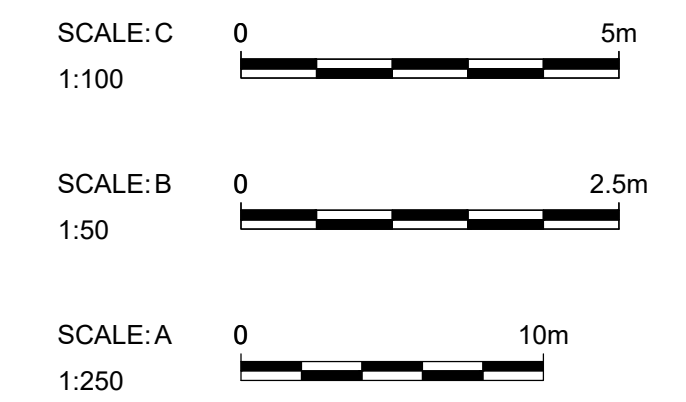


SECTION C  
SCALE: B



SECTION D  
SCALE: C

**LEGEND:**  
 50kg RIPRAP  
 25kg RIPRAP



Contract No .....  
**ISSUED FOR INFORMATION ONLY**  
 By ..... Date .....  
 Hydro's Representative

ALL DIMENSIONS ARE IN METRES, UNLESS OTHERWISE SHOWN



**SITE C**  
 WESTERN RESERVOIR  
 WR1 CROSSING  
 PROPOSED CROSSING  
 PLAN AND SECTIONS

DESIGN NUMBER	DSGN	
WORK ORDER NUMBER	INDEF CHK	
CSA S250 ACCURACY NAD - UTM	DFTG ACZ	
BASE ACCURACY LEVEL:	DFTG CHK	
	INSP	
ASB ACCURACY LEVEL:	REV	
	ACPT	

NO	DRAWING NUMBER	DRAWING TITLE	NO	REMARKS
		REFERENCE DRAWINGS		REVISIONS

DATE	DIST	DRAWING NUMBER	REPORT NUMBER	FIG NO	SIZE	REV
		1016-C14-03103		D		0

G:\GDS\101604\_PROJECTS\GDS\21BFRC-YM800046-Bridges For River Crossings C-993-C01016-C14-03103.dwg  
 Drawing Unit = Metric (6)  
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