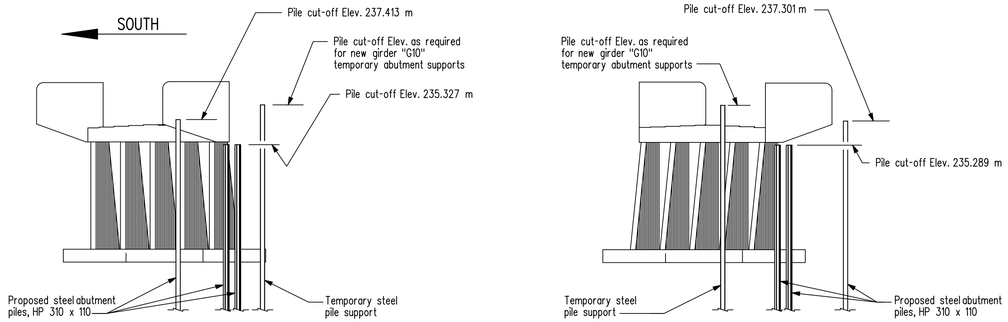
BILL OF PILES

SITE No. 2924-00

LOCATION	DESCRIPTION	No.	LENGTH	TOTAL
N. & S. ABUTMENT	Steel piles HP 310 x 110 (abutments)	6	15 m	90 m
			Total Length of Piles	90 m
N. & S. ABUTMENT	Steel pile tips for piles HP 310 x 110	6		

NOTE:

Bill of Piles does not include piles for temporary girder supports at the abutments.

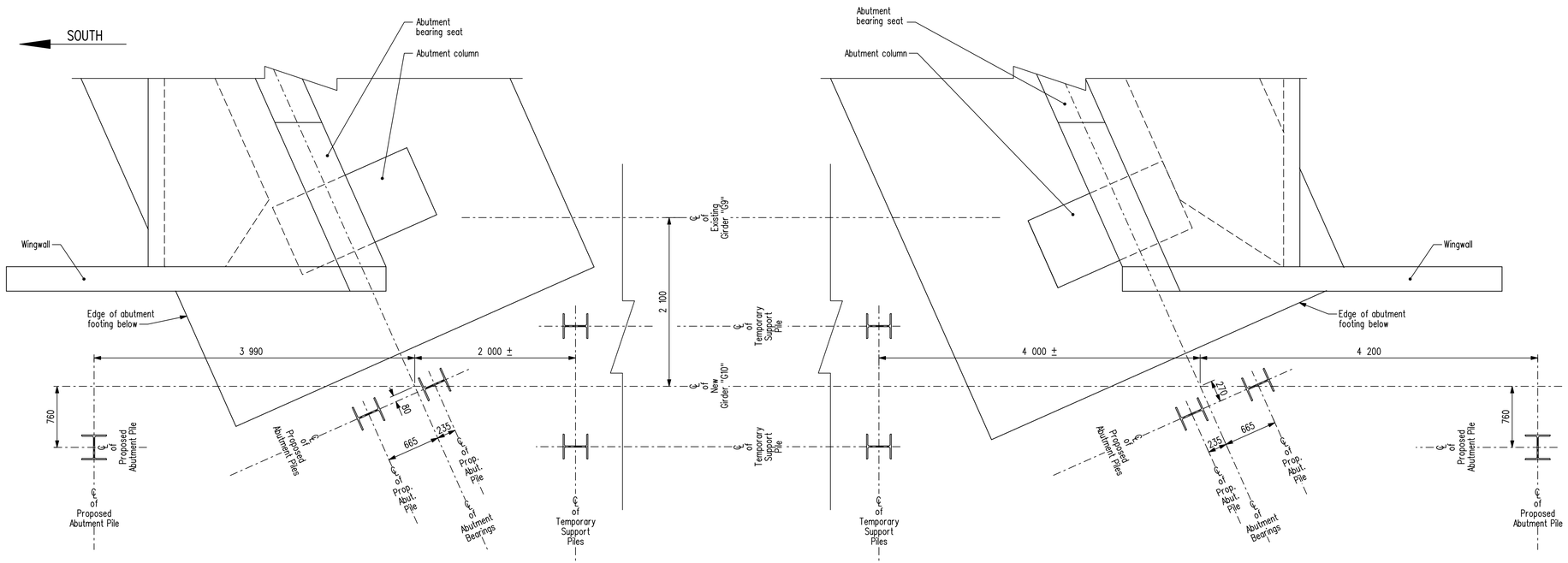


SOUTH ABUTMENT

NORTH ABUTMENT

ELEVATION

Showing abutments only for clarity.



SOUTH ABUTMENT

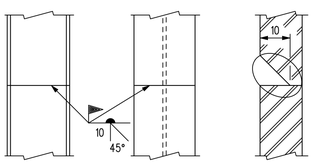
NORTH ABUTMENT

ABUTMENT PLAN

Showing abutments and new piles
Scale 1 : 30

NOTE:

All steel piles, including those for the temporary girder supports at the abutments, are to be fitted with driving tips and are to be driven to refusal into the glacial till.



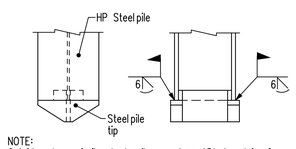
NOTE: RE: WELDING

1. 5 mm low hydrogen E70 series* electrodes shall be used.
2. The minimum root pass shall be 6 mm.

* E48018 equivalent metric electrode.

DETAIL OF STEEL PILE SPLICE

Not To Scale



NOTE:
Outside edges of piles to be flame cut on 45° bevel for 6 mm

PILE TIP DETAIL

Not To Scale

REVISIONS		
10/03/04	J.J.	As built
DATE	BY	DESCRIPTION

PROVINCE OF MANITOBA
Original signed by
M. B. CHISLETT
09/04/20
REGISTERED PROFESSIONAL ENGINEER

NEW ABUTMENT & TEMPORARY PILE DETAILS

RECONSTRUCTION AND STRENGTHENING OF EXISTING BRIDGE
OVER ASSINIBOINE RIVER - CONTRACT ONE
ON P.T.H. No. 100 IN R.L.'S 72, 73 & 94
PARISH OF ST. CHARLES

CITY OF WINNIPEG

Manitoba
Infrastructure and Transportation
Water Control & Structures

RELEASED FOR CONSTRUCTION
BY:
Original signed by
Ruth J. Eden
09/05/01
DIRECTOR — DATE
STRUCTURES, DESIGN AND CONSTRUCTION BRANCH

DESIGN	BY: M.B.C.	SCALE: 1 : 200	SHEET No. 12
	CHECKED: A.H.P.		
DETAILS	BY: M.S.	or as shown	SITE No. 2924-00
	CHECKED: M.B.C.		