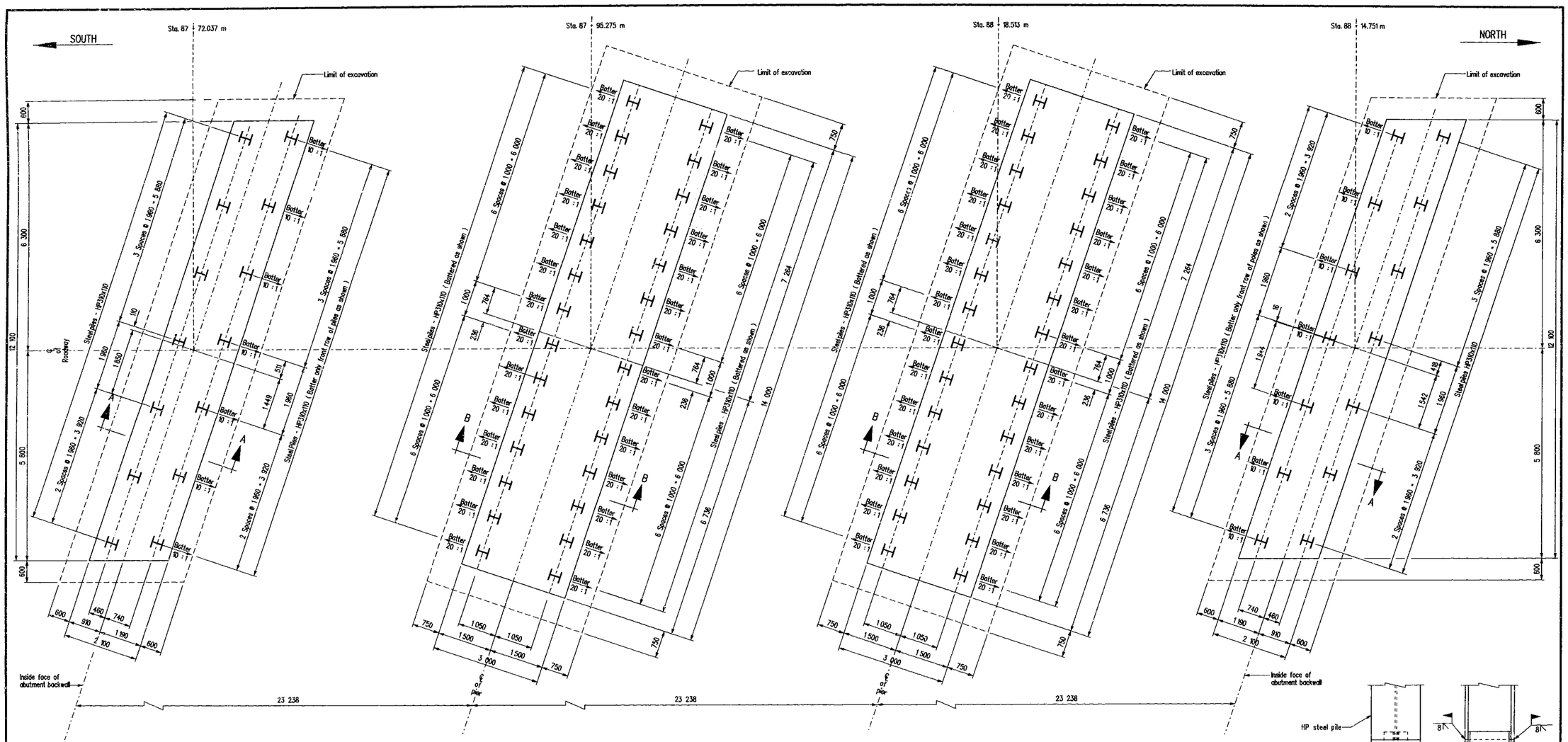
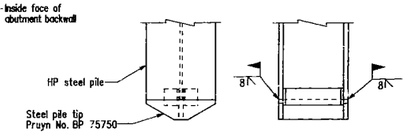


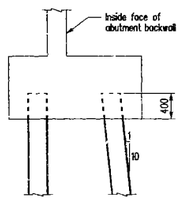


PILE TIP DETAILS

N.T.S.

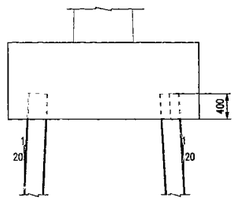
NOTE:

Outside edges of piles to be flame cut on 45° bevel for 8 mm.



SECTION A - A

Showing Abutments SU. 1 & SU.4



SECTION B - B

Showing Piers SU. 2 & SU.3

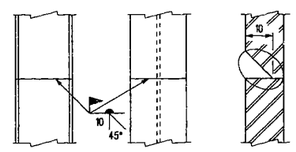
BILL OF PILES

SITE No. 693-02

LOCATION	DESCRIPTION	No. OF PILES	LENGTH	TOTAL LENGTH (m)
SU.1	Steel Piles - HP 310 x 110	14	25 m	350 m
SU.2	Steel Piles - HP 310 x 110	28	17 m	476 m
SU.3	Steel Piles - HP 310 x 110	28	17 m	476 m
SU.4	Steel Piles - HP 310 x 110	14	25 m	350 m
SU.1 - SU.4	Pruyn Point BP 75750 for HP310x110 piles	84		
			Total length	1 652 m

NOTES:

1. Spacing of piles, for all footings as shown, is at the bottom of footings.
2. Limit of excavation for substructure footings shall no extend beyond a maximum horizontal distance of 750 mm for piers and 600 mm for abutments from all sides of footing.



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

PILE CUT-OFF ELEVATION

LOCATION	ELEVATION
SU.1	236.840 m
SU.2	228.089 m
SU.3	228.026 m
SU.4	236.617 m

REVISIONS

DATE	BY	DESCRIPTION
OCT 31/07	R.A	AS BUILT

PROVINCE OF MANITOBA — A. H. PANKRATZ — Oct 12, 2006 — REGISTERED PROFESSIONAL ENGINEER

PILE AND FOOTING LAYOUT

FOR PROPOSED 69 714 LONG R.C. BRIDGE
OVER SEINE RIVER DIVERSION
ON P.T.H. No. 59 SOUTH BOUND LANES, 10 900 ROADWAY
IN SEC. 28-8-4E

R.M. OF RITCHOT

Manitoba Transportation and Government Services
Bridges and Structures Branch

RELEASED FOR CONSTRUCTION BY:

Oct. 31/06
DIRECTOR OF BRIDGES AND STRUCTURES — DATE

DESIGN	BY: A.H.P. & S.L.D.	SCALE: 1:50 or as shown	SHEET No. 7
	CHECKED: J.B.L. & A.H.P.		
DETAILS	BY: G.S.		SITE No. 693-02
	CHECKED: A.H.P.		

..\693\02pile & footing layout.dgn 10/11/2005 2:00:11 PM