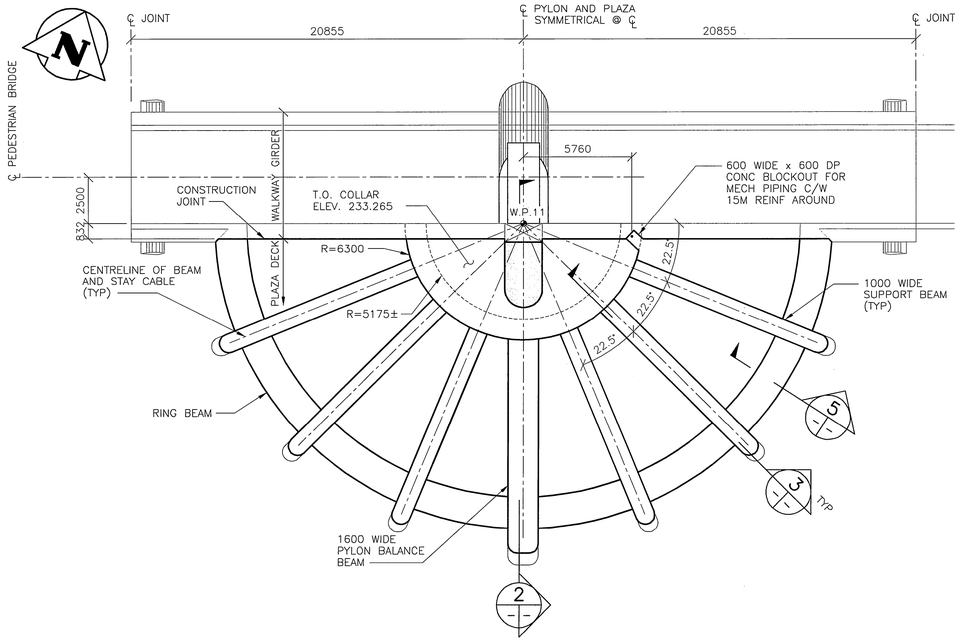
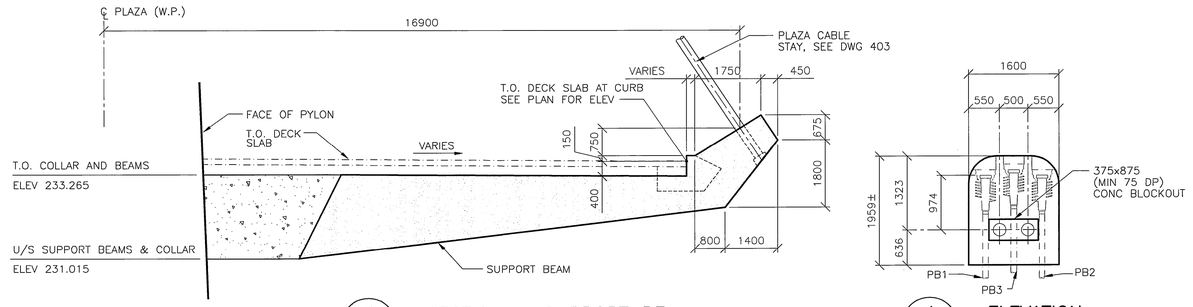
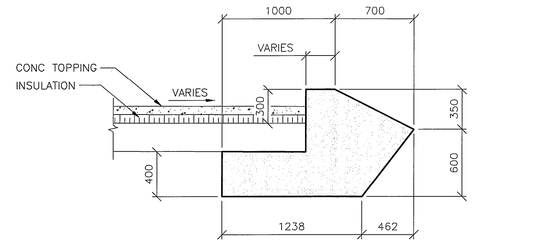


1 PLAN – CENTRE PLAZA
1 : 150
– SHOWING COLLAR AND BEAM LAYOUT

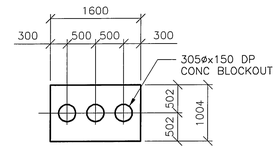


3 SECTION – SUPPORT BEAM
1 : 75

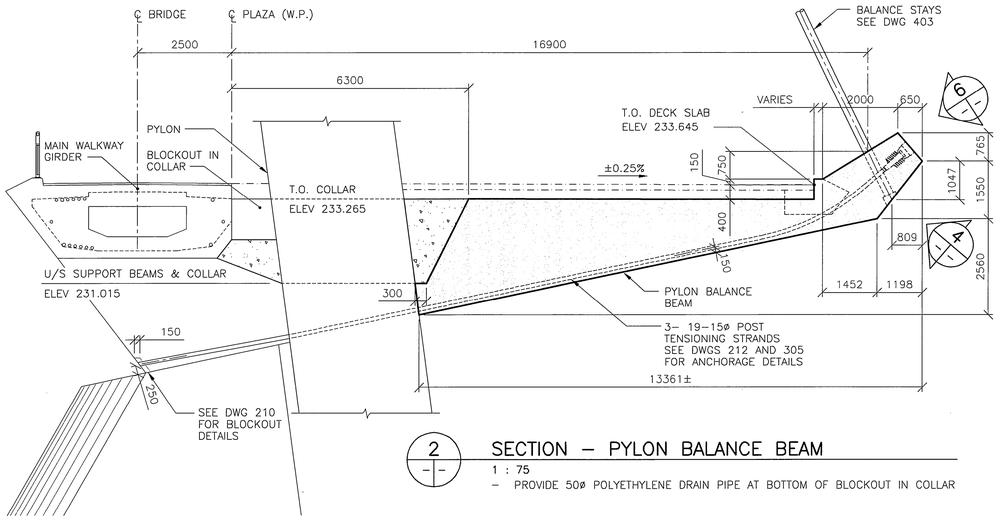
4 ELEVATION
1 : 50



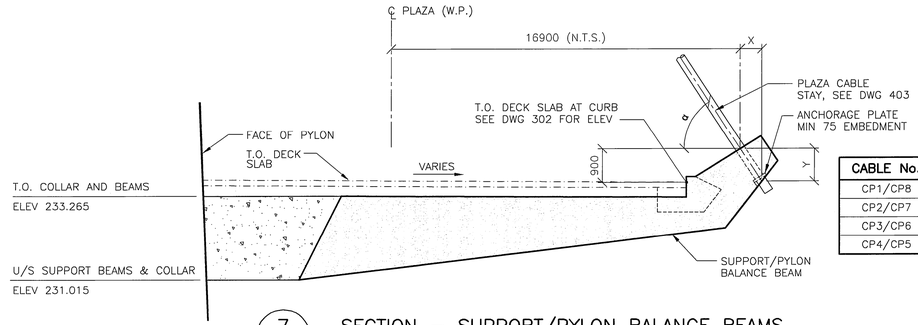
5 SECTION – RING BEAM & PLAZA CURB
1 : 25



6 ELEVATION
1 : 50



2 SECTION – PYLON BALANCE BEAM
1 : 75
– PROVIDE 50ø POLYETHYLENE DRAIN PIPE AT BOTTOM OF BLOCKOUT IN COLLAR



CABLE No.	α	X	Y
CP1/CP8	56.462°	579	873
CP2/CP7	56.610°	577	875
CP3/CP6	56.712°	576	877
CP4/CP5	63.912°	642	1311

7 SECTION – SUPPORT/PYLON BALANCE BEAMS
1 : 75

SUGGESTED PYLON BALANCE BEAM JACKING SEQUENCE

1. PARTIALLY TENSION PB1 AND PB2
2. PARTIALLY TENSION PYLON BALANCE CABLE STAYS AND PLAZA CABLE STAYS
3. FULLY TENSION PB3, PB2 AND PB1
4. PARTIALLY TENSION PYLON BALANCE CABLE STAYS AND PLAZA CABLE STAYS

NOTES:

1. CONTRACTOR TO PROVIDE ALL JACKING FORCES AND JACKING SEQUENCE REQUIRED FOR CONSTRUCTION AND SUBMIT DETAILED CALCULATIONS TO CONTRACTOR ADMINISTRATOR.
2. JACKING SEQUENCE SHALL BE SUCH THAT THE PT FORCES ARE INTRODUCED UNIFORMILY IN THE PYLON BALANCE BEAM.
3. NOMINAL JACKING STRESS: MULTISTRAND = 0.80 fpu

RECORD DRAWING
DATE 05.01.20 BY G.I.
REVIEWED BY BF

APEGM
Certificate of Authorization
No. 195
Expires APRIL 30, 2003
W.R. HALDANE-WILSONE
signature
02.05.06
date

1:25 500 0 500 1000mm
1:50 1 0 1 2m
1:75 1.5 0 1 2 3m
1:150 3 2 1 0 2 4 6m

B.M. ELEV. F.B.

NO.	REVISIONS	DATE	BY
3	RECORD DRAWING	05.01.20	BF
2	GENERAL REVISIONS	02.09.25	R.H.W.
1	ISSUED FOR CONSTRUCTION	02.07.29	R.H.W.
0	ISSUED FOR TENDER	02.05.06	R.H.W.

WARDROP | Engineering Inc.

DESIGNED BY J.D.B./B.F. CHECKED BY R.H.W.
DRAWN BY G.I. APPROVED BY R.vG.
HOR. SCALE: AS NOTED
VERTICAL:
ACCEPTED BY DATE
ORIGINAL DRAWING SIGNED BY B. EBENSPANGER (02.05.06)
DATE 02.05.06
B. EBENSPANGER, P.ENG. BRIDGE DESIGN AND PROJECTS ENGINEER

ORIGINAL DRAWING REVISION "0" SEALED BY W.R. HALDANE–WILSONE 02.05.06

CONSULTANT DRAWING NO. 010007–13–01

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PROVENCHER PAIRED BRIDGES PROJECT
PEDESTRIAN BRIDGE

CITY DRAWING NUMBER B231–02–035
SHEET OF

CENTRE PLAZA – BEAM LAYOUT PLAN, SECTIONS AND DETAILS

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