



www.severko.com

PROJECT NAME: TELKWA 62.20

BULKLEY RIVER CROSSING WIDENING OF 24.0m SPAN, TPG BRIDGE

TASK: (7.1.) PILES

SUBTASK: (7.1.1.) MATERIALS AND SECTIONS

JOB NUMBER:

CNRAIL0802

DESIGNED BY:

DGT

DATE:

31-Dec-08

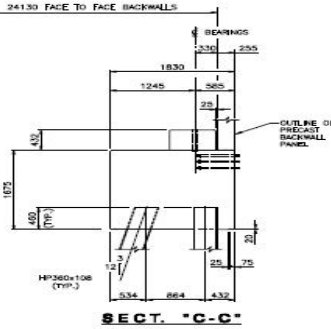
PAGE NO

OF

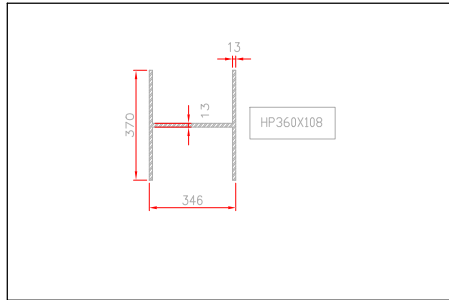
CHECKED BY:

DATE:

REFERENCES:



PILE SECTION:



SI DESIGNATION:

HP360X108

MATERIAL DESIGNATION:

HP14X73

Area= 13800 mm²
 Ix= 303000000 mm⁴
 Sx= 1750000 mm³
 Zx= 1940 mm³
 Iy-y= 108000000 mm⁴
 Sy= 585000 mm³
 J= 832000 mm⁴
 Cw= 3E+12 mm⁶
 rx-x= 148 mm
 ry-y= 88.6 mm

PILE MATERIAL:

MATERIAL STANDARD: CSA CAN3-G40.21 350W
 MATERIAL GRADE: 350W

Fy= 350 mPa
 Fu= 450-650 mPa
 Group 2 grouping for tensile property classification

