TYPE-A — FLANGE PL. 30×1276×12800 — FLANGE PL. 20×1276×6575
TYPE-B — FLANGE PL. 20×1576×12800 — FLANGE PL. 16×1576×6575
TYPE-C — FLANGE PL. 12×1576×12800 — FLANGE PL. 12×1576×6575

PL. 16×160 (CONT.)

DIAPH. — LOGS 'B' & 'C' FLANGE STIFF. (TYP) — 10 WEB — DIAPH. — DIAPH. — DIAPH. 16

CLAMP PL. — RUBBER SEAL — 250 — 16 — 1400 - TYPE-A — 1700 - TYPE-B & C — 92

109 — 176 — 150 — 25 — 460

SEE ENLARGED DETAIL-'Y' (DWG. # 5-S-008)

{ 1-PL.16×185 (CONT.) / 2-PL.10×70 (CONT.) } LOG A
1-PL.16×160 (CONT.) - LOG B & C

PRESSURE

SECTION A-A

SEE NOTE ON DWG. 5-S-007 RE: THESE DIMENSIONS.

SYMMETRICAL ABOUT THIS ℄

92×143 FIR (CUT END TO SUIT RUBBER BLOCK) (SEE DETAIL - DWG.# 5-S-008)

2 @ 1371 = 2742 — 2 @ 1372 = 2744 — 3 @ 1372 = 4116 — 10972 c/c PICK-UP

568 — 568 — 568 — 568 — 851 — 6 — 3117 — 176

⚠ 6 AUXILIARY PICK-UP

FLG. SPLICE

PL.16×200×300

12-DIAPHRAGM PL. — 10 STIFFENER PL. (TYP.) — 450 — 460 — 466 — 900 — 845 'A'

230 — 230 — 55 — 130 — 75 — 75 — 130 — 330 — 270 — 710 — 610 — 55 — 150 — 150

ACTUAL CENTRE OF GRAVITY OF LOG

℄ PICK-UP

75℄ DRAIN HOLES IN BOTH WEB PLATES.

12-DIAPHRAGM PL. — 520 'B' — RAD 1524

284 — 284 — 210 — 48 — 16 — 600

345 — 380 — 160 — 160 — 16 PL — 102 — 89 — 27 — 16 STIFF. — 50℄ DRAIN HLS. IN BOTH WEB PLS.

BUFFER — RUBBER SEAL — 27 — 170 — 6 — 197 — 914 — 1562

RUBBER BLOCK — GUIDE ROLLER c/w PIN & WASHER — 100 — 103 — 554 — 248 — 203

SPRING WASHER ON THIS SIDE OF EACH REACTION ROLLER

24384 FACE TO FACE LOCK WALLS — 533 — 394

25450 ℄ OF REACTION ROLLERS — 278 — 305

℄ OF REACTION ROLLER & TRACK

REACTION ROLLER

SEE ENLARGED DETAIL-'X' (DWG # 5-S-007)

8-1¼℄ HLS FOR 1⅛℄ BOLTS, DRILL AT ASSEMBLY WITH PICK-UP LUG (DWG.# 011)

PL.16×370×600

℄ PICK-UP

2-WEB PLS. 10×1830×25770 SPLICE AT ⅓ PTS. OR AT ℄.

PLAN

TYPE-A — 2-FLANGE PL. 40×410×12800
TYPE-B — 2-FLANGE PL. 35×400×12800
TYPE-C — 2-FLANGE PL. 20×400×12800

2-FLANGE PL. 30×410×6652 ABOUT BENT.
2-FLANGE PL. 25×400×6652 ABOUT BENT
2-FLANGE PL. 16×400×6652 ABOUT BENT

TYP. — PL.16×160×600 (TYP. U/N) — ℄ PICK-UP — 680 lg. — 1080 lg. — REACTION ROLLER ℄ — 160 — 100 — 220

30 — 1030 — LOG-A1

SPREADER PLATES (TYP) — PL.25-'A' & 'B' PL.20-'C' — *PL.25-'A' & 'B' PL.16-'C' — 20 PL-'A' & 'B' 16 PL-'C' — 10×120 STIFF. — 10×120 STIFF — 20 PL-'A' & 16 PL-'C'

REACTION ROLLER — GUIDE ROLLER — 220 — 100

PL.25×300-'A' & 'B' PL.16×300-'C'

4-NAME PL's. PER LOG
- 20 WIDE LETTERS FLAME CUT OUT OF 20 PL.
- PAINT PL. A-RED, B-BLUE, C-YELLOW
- PAINT LETTERS BLACK
- SEAL WELD PL. TO LOG.

26184 OUT TO OUT OF GUIDE ROLLERS.

SECTION B-B

92 — 100 — 400 — 100 — 600 — FIR 92×143×600 (TYP.)

4-½℄ CARRIAGE BOLTS — STIFF. PL. — FLG. PL. — 96 — TYP.

1-PL.16×185×600 / 2-PL.10×70×600 } LOG A
1-PL.16×160×600 - LOG B & C

* SPREADER PLATES

LOG TYPE	PL. SIZE
'A'	25×400 U.N.O
'B'	25×500 U.N.O
'C'	20×500 AND 16×500 U.N.O

SECTION G-G

⚠ NOTES CONT'D

(6) SEE DRWG. Nº 5-S-006 FOR SECTIONS C-C, C'-C', D-D, F-F, F'-F' & K-K.

(7) SEE DRWG. Nº 5-S-007 FOR SECTION L-L.

FLANGE SPLICE WELDS — USE RUN OFF TABS

TYP WEB SPLICE WELDS

SCALE : N.T.S.

NOTE
SEE SHEET S34 FOR MEMBER DEFICIENCY AND REPAIR DETAILS.

NOTES

(1) UNLESS OTHERWISE NOTED, WELD SYMBOLS ARE TYPICAL AND APPLY TO OTHER JOINTS OF THE SAME SIZE OF MAT'L. AND ARE TO BE USED AS A GUIDE ONLY.

(2) ALL WELDS MUST BE CONTINUOUS (NO INTERMITTANT WELDS ALLOWED). ALL JOINTS NOT STRENGTH WELDED, TO BE SEAL WELDED, TO BE WATER PROOF.

(3) EDGES OF PLATES IN CONTACT WITH RUBBER TO BE ROUNDED OFF. (6 RAD).

(4) ALL HOLES IN PIN BEARING PLATES TO BE 0·8 mm (1/32") LARGER THAN DIAMETER OF PIN.

(5) ALL TIMBER TO BE PRESSURE TREATED PACIFIC COAST DOUGLAS FIR-SELECT STRUCTURAL GRADE.

(CONTINUED)

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REGISTERED PROFESSIONAL ENGINEER — PROVINCE OF NOVA SCOTIA — DATE: APR 20 2015 — NOVA SCOTIA — 7137

SHM CANADA — INNOVATIVE ENGINEERING AND DESIGN

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project / projet
BUILDING ENVELOPE IMPROVEMENT PROJECT
CANSO CANAL
PORT HASTINGS
INVERNESS COUNTY, N.S.

drawing / dessin
STOP LOG DETAILS

designed V.L. / conçu
date SEP. 2015
drawn M.M. / dessiné
date NOV. 4, 2015
approved / approuvé
date
Tender / Soumission
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