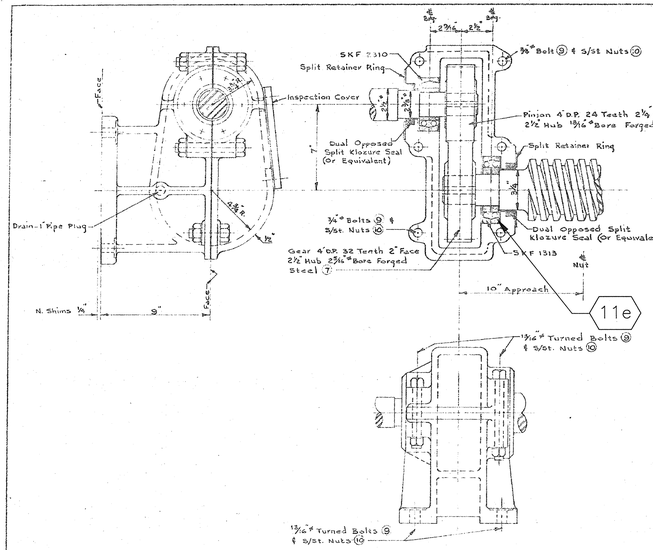
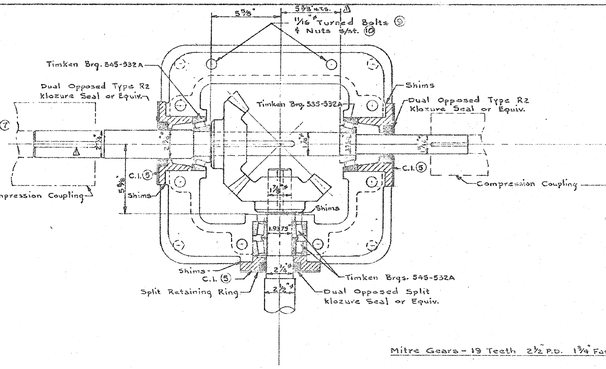
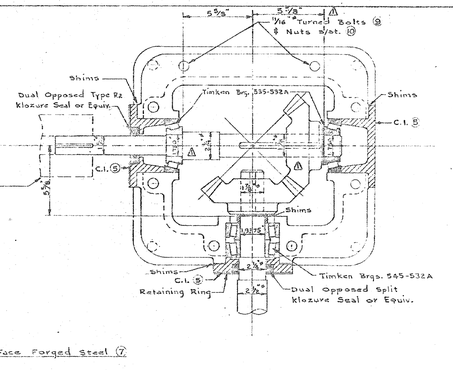


REDUCTION GEAR CASE S.C. ③

(One Right Hand & One Left Hand Per Bascule)

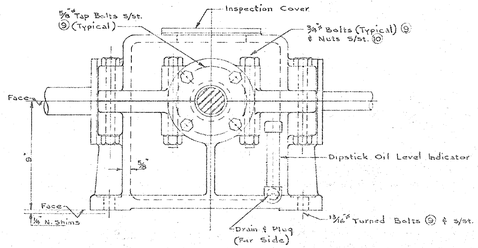


Mitre Gears - 19 Teath 2½" P.D. 1¾" Face Forged Steel ⑦

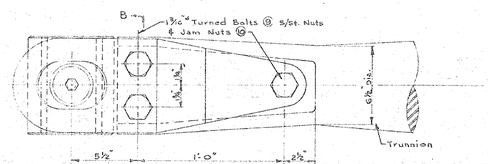


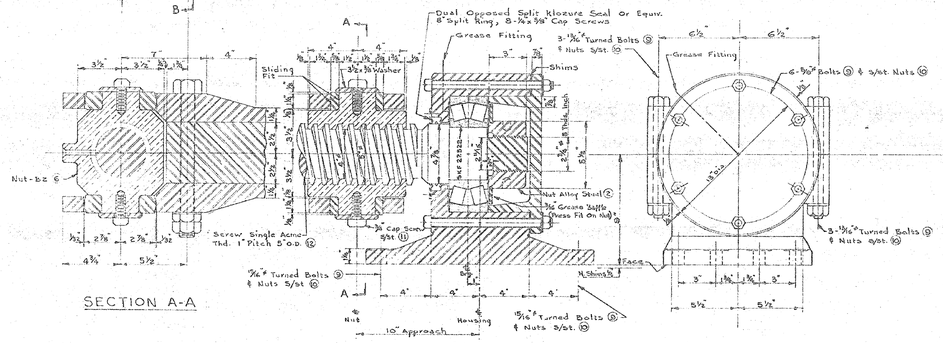
Side Elevation Same As Mitre Gear Case Except Shafts

MITRE GEAR BOX S.C. ③

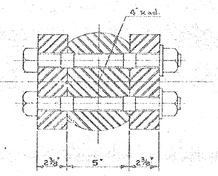


MITRE GEAR CASE S.C. ③





SECTION A-A



SECTION B-B

NUT & JAW PLATE ASSEMBLY THRUST BEARING S.C. ③

(Screws: 1 Right Hand & 1 Left Hand Per Bascule)

NOTES

1. All Gears To Be 20° Involute.
2. Alloy St. For Shafting Etc. SAE 3140.
3. S.C. Means Steel Casting CSA G28 Medium Grade 70-36
4. Inside Of All Gearcases To Be Painted With Oil Resistant Lacquer.
5. C.I. Means Cast Iron CSA S61 Grade 30.
6. BC Means Bronze - Alloy D-ASTM B-22.
7. Forged Steel To Be CSA G28 Except where Noted.
8. Make All Gearcases & Bearing Housings watertight with Sealing Compound.
9. All Bolts Steel SAE 3140.
10. All Nuts Stainless Steel ASTM A276 Type 416
11. All Cap Screws Stainless Steel ASTM A276 Type 416.
12. Forged Steel ASTM A276-54 SAE 3140.
13. All Keys Steel SAE 1020.

SCALE: 1:5

0mm 100mm 200mm 300mm 400mm 500mm

RECEIVED JUN - 9 1997 PUBLIC WORKS CANADA ATLANTIC REGION HALIFAX

DEPARTMENT OF TRANSPORT

CANAL SERVICES

CANSO CANAL

WIRE ROPE FENDER

MACHINERY DETAILS

Scale: 3"=1'-0" Date: May 15, 1998

Design: D.A.F.

Drawn: F.R.

Checked: C.G.V.E.

Recvd: C.G.V.E.

INSPECTOR, CANAL SERVICES

10-472

Dept. 838	Mitre Gear & Shaft	F.R.	
DATE	REVISION	MADE	CH'K'D

DETAILED SCOPE OF WORK

11. WORMGEAR ASSEMBLY – S4 (10–464), S12 (10–472)

e. REPLACE OIL SEALS IN ALL REDUCTION GEARBOXES AT NORTH AND SOUTH ARRESTORS (COVER ALL GEARBOXES N & S).

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

ASSOCIATION OF PROFESSIONAL ENGINEERS PROVINCE OF NOVA SCOTIA — DATE 2015 06 11 — V. LAING — 7137

SHM CANADA — INNOVATIVE ENGINEERING AND DESIGN

0	ISSUED FOR TENDER	11/06/2015
revisions		date

project / projet

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

drawing / dessin

MACHINERY DETAILS

designed / conçu: V.L. — date: SEP. 2015

drawn / dessiné: M.Z. — date: NOV. 6, 2015

approved / approuvé — date

Tender / Soumission

PWGSC Project Manager / Gestionnaire de projets TPSGC

project number / no. du projet: R.076938.001

drawing no. / no. du dessin: S12

PWGSC B1 (2004)

E-DRM/GDD-E: 531132 Version 1