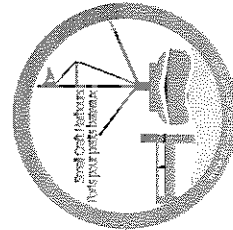


FLOATING BREAKWATER CONSTRUCTION ARNOLD'S COVE, NEWFOUNDLAND AND LABRADOR AVALON DISTRICT ATLANTIC REGION PROJECT No. 721444 ISSUED FOR TENDER

LIST OF DRAWINGS:

- C1 OF 4 SITE PLAN
- C2 OF 4 FLOATING BREAKWATER PLAN & VIEWS
- C3 OF 4 FLOATING BREAKWATER PLAN, SECTION & VIEWS
- C4 OF 4 CONNECTION DETAILS

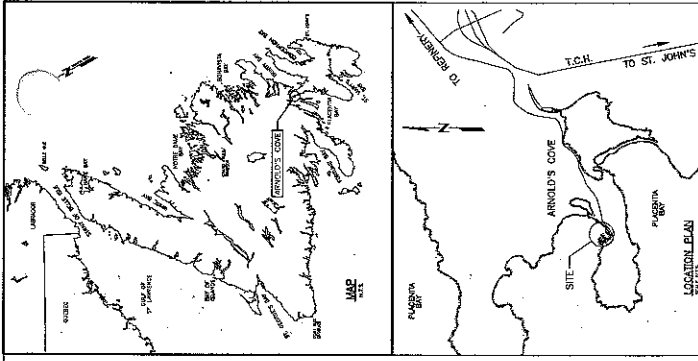
PREPARED FOR

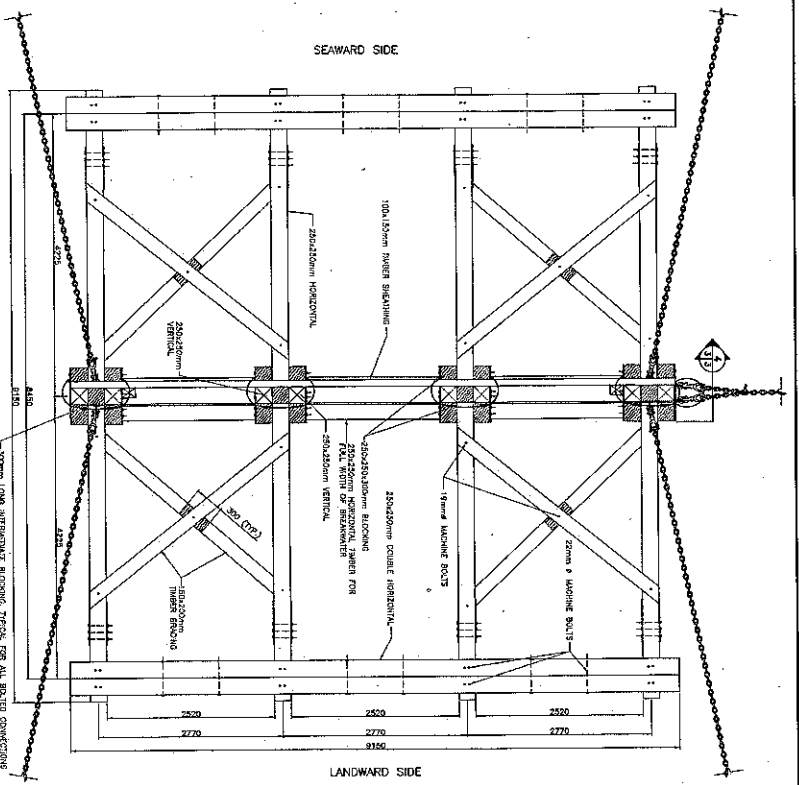


**Fisheries and Oceans
Canada**

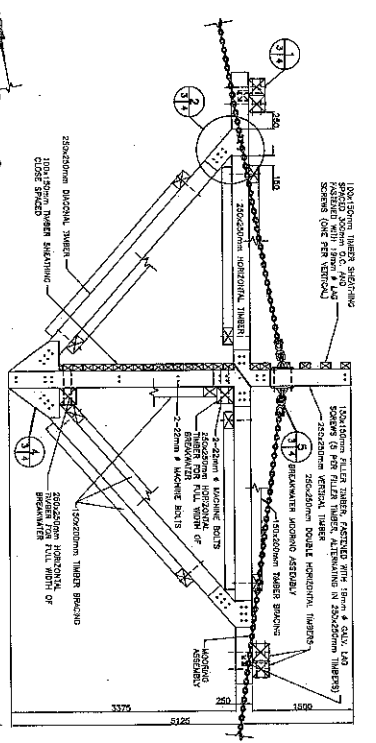
**Pêche et Océans
Canada**

SMALL CRAFT HARBOURS
FISHERIES AND OCEANS CANADA
10, BARTER'S HILL
P.O. BOX, 5667
ST. JOHN'S
NEWFOUNDLAND
A1C 5X1





1 PLAN WITHOUT TIRES AND HOPE PIERS
SCALE: 1:150

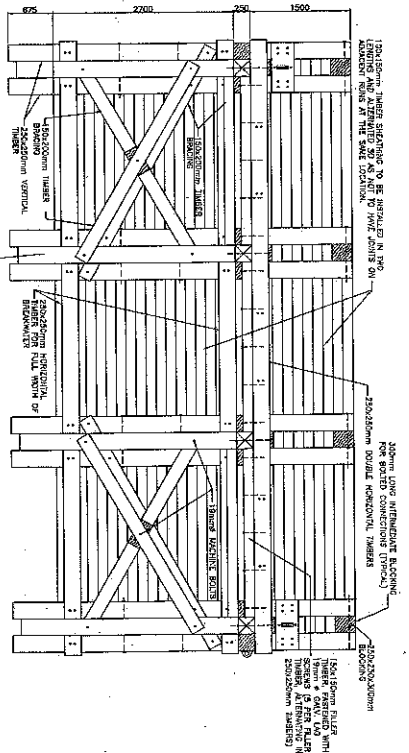
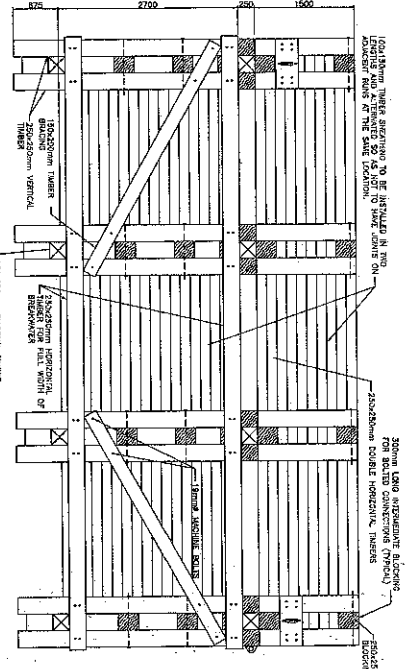


2 PLAN WITH TIRES AND HOPE PIERS
SCALE: 1:150

3 SIDE VIEW (OUTER TUBES)
SCALE: 1:150



4 SECTION
SCALE: 1:150



PROJECT NO. 721444 / C. T. FLETCHER
 DATE: 08/20/15
 BY: R. BOYD / K. COX
 DATE: MAR. 2015

ISSUED FOR TENDER: 10/20/15
 ISSUED FOR STUDY: 11/27/11

FLOATING BREAKWATER CONSTRUCTION
ARNOLD'S COVE, N.L.

FLOATING BREAKWATER PLAN, SECTION AND VIEWS

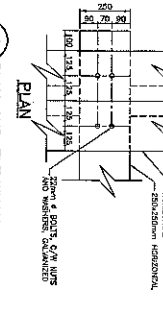
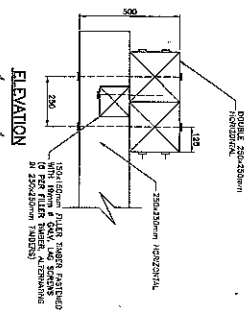
721444

C3 OF 4

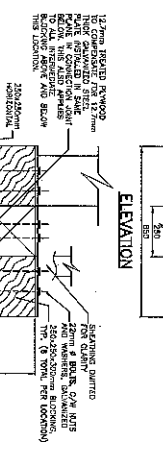
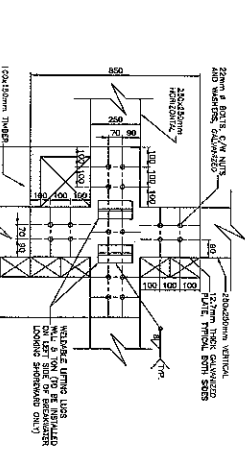
SMALL CRAFT HARBOURS

SCALE: 1:1000

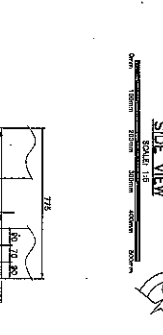
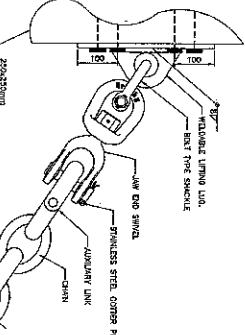
- NOTES:**
1. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.
 2. ALL MOORING END OF OR CALUMNETZ: SCAFF. 444 UNLESS OTHERWISE NOTED.
 3. 250x250mm TUBES 12mm x 4.0mm BOLTS AT 150mm SPACING TO 1500mm FILLET.
 4. ALL BRACING TO BE INSTALLED IN THE LANDWARD PART OF THE SIDE LOCATION.
 5. GALVANIZING TO CONFORM TO ASTM A123/123M, LATEST EDITION.
 6. 18mm DIAMETER BOLTED CONNECTIONS TO BE GALVANIZED.
 7. HOPE PIERS AND HOPE PIERS TO BE GALVANIZED.
 8. ANTIFOULING PAINT: INTERTECH MICHON COAT ANTIFOULING PAINT.



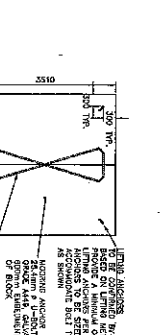
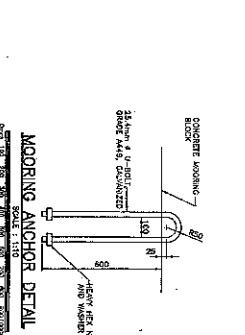
1 PLAN AND ELEVATION
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



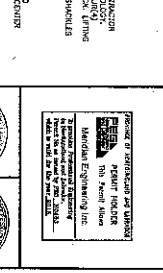
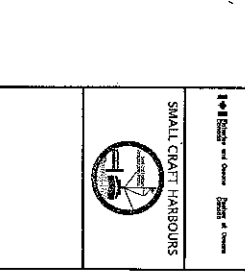
2 PLAN AND ELEVATION
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



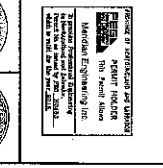
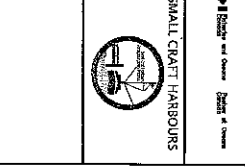
3 PLAN AND ELEVATION
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



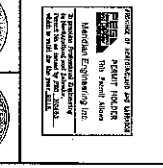
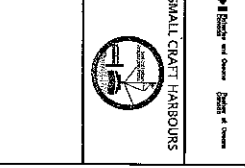
4 PLAN AND ELEVATION
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



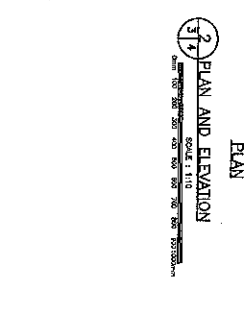
5 BREAKWATER MOORING ASSEMBLY
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



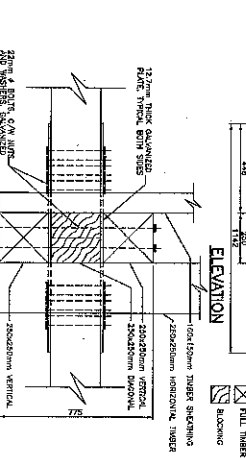
6 CONCRETE MOORING BLOCKS
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



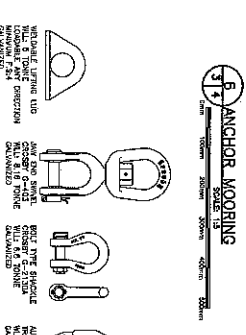
7 HOPE PIPE SUPPORT CLAMP
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



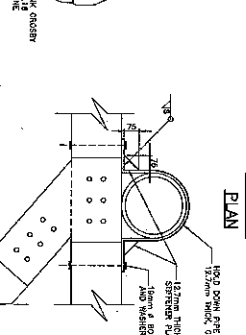
1 PLAN AND ELEVATION
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



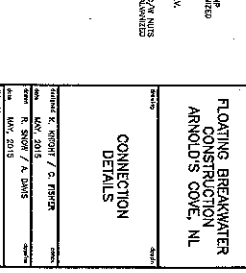
2 PLAN AND ELEVATION
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



3 ANCHOR MOORING
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



4 COMPONENTS
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm



5 HOPE PIPE SUPPORT CLAMP
SCALE: 1:10
DIM: 100 200 300 400 500 600 700 800 900 1000mm

10 SMALL CHART HARBOURS

PROJECT OF SUPERVISION AND CONTROL

PEPPER HICKS
 10000 Highway 100, Suite 100
 Houston, Texas 77055
 (713) 261-1111
 www.pepperhicks.com

CONNECTION DETAILS

DESIGNED BY: R. SHAW / A. DAVIS
 DATE: 10/2015
 DRAWING NO: 721444

NOTES:

- ALL DIMENSIONS IN MILLIMETERS
- REFER TO DRAWING 721443 FOR DIMENSIONS AND FINISHES
- ALL MATERIALS SHALL BE AS SPECIFIED
- ALL MATERIAL TO BE PROVIDED TO THE CONTRACTOR BY THE CONTRACTOR
- CONCRETE TO BE PROVIDED TO THE CONTRACTOR BY THE CONTRACTOR
- CONCRETE TO BE PROVIDED TO THE CONTRACTOR BY THE CONTRACTOR
- REFER TO DRAWING 721443 FOR DIMENSIONS AND FINISHES

