

BMROSS
engineering better communities



Fisheries and Oceans Canada / Pêches et Océans Canada

Port Dover
S.A.R. Floating Dock
Removable Collar

CONTRACT No.
1

PROJECT No.
13122

SCALE
N.T.S.

DRAWING No.
1 of 2

▽ WATER LEVEL AT TIME OF CONSTRUCTION

DATUM

VARIES

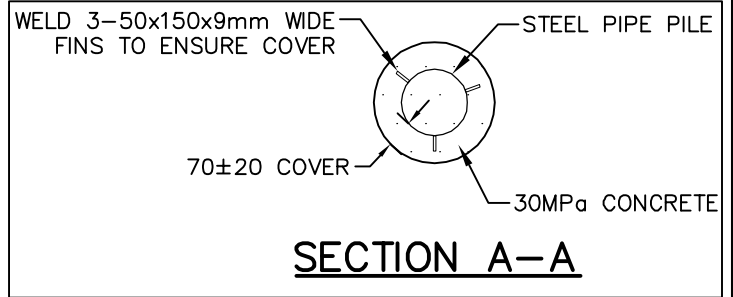
VARIES 1.2m-1.5m

VARIES 0.8m-1.5m

TEMPORARY 400-600mm ϕ STEEL CASING SET TO BEDROCK PRIOR TO START OF AUGER/CORE

32MP α CONCRETE

219mm O.D. PIPE PILE



ASSUMED LAKE BED LEVEL

30MP α CONCRETE

ASSUMED BEDROCK LEVEL

2.5m MIN. EMBEDMENT IN OVERBURDEN IF BEDROCK IS NOT ENCOUNTERED

A

A

400 ϕ MIN.

0.9m

PILE TOE LEVEL

FINS WELDED TO SIDES OF PIPE

AUGER/CORE 400mm ϕ HOLES INTO BEDROCK, INSTALL PILES, PLACE TREMIE CONCRETE IN HOLE TO LAKE BED LEVEL, REMOVE CASING AS CONCRETE DEPTH RISES.



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Pile Socket

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2 of 2