

ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ANY OTHER WRITTEN INSTRUCTIONS ISSUED.

LOCATION PLAN

- WHERE APPROVAL IS REQUIRED, THIS SHALL BE OF THE SUPERINTENDENT OR HIS REPRESENTATIVE.
- ANY AMBIGUITY OR DISCREPANCY SHALL BE REFERRED FOR CLARIFICATION BEFORE WORK PROCEEDS.
- DIMENSIONS ARE IN PRESENTED MILLIMETERS WITH EQUIVALENT INCH VALUE SHOWN IN BRACKETS. EXAMPLE: 1000mm (40")
- 3. FOR SPECIFIC ITEMS AND MEASUREMENTS, DIMENSIONS ARE ALSO PROVIDED IN INCHES TO ASSIST PURCHASING AND CLEARLY LABELED WITH "IDENTIFIER.
- REFER TO THE DRAWING DIMENSIONS FOR SETTING OUT THE WORKS. HOWEVER, ALL EXISTING DIMENSIONS AND LEVELS ARE APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR ON SITE. UNLESS NOTED OTHERWISE, ALL LEVELS ARE TO OD. SET OUT IS TO BNG 2000.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STABILITY OF THE STRUCTURE UNTIL ITS COMPLETION AND SHALL ENSURE THAT NO PART OF THE STRUCTURE IS OVERSTRESSED DURING THE WORKS.
- WHERE STANDARDS ARE REFERRED TO, THEY SHALL BE THE LATEST EDITION.
- PROPRIETARY ITEMS, PROPOSED BY THE CONTRACTOR, ARE TO BE REVIEWED AND APPROVED BY THE DESIGNING ENGINEER PRIOR TO USE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING WORK AREAS.
- 10. ALL DEMOLITION SHALL BE IN AN ACCEPTABLE MANNER UNDER THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS 2009. ALL SURPLUS MATERIAL SHALL BE DISPOSED OF OFF SITE IN A LEGAL MANNER.

SHEET PILING

- NZ14 HOT ROLLED SHEET PILES USED WITHIN DESIGN
- SPECIFICATIONS ARE AS FOLLOWS:

WEB THICKNESS = 9.5mm [³g"] = 9.5mm [³/"] FLANGE THICKNESS = 340mm [133"] SECTION DEPTH = 770mm [30"] SECTION WIDTH LENGTH = 6096mm [20ft]

NOMINAL YIELD STRENGTH = 390 N/mm²

- 3. FULL 20ft HEIGHT SHEET PILES TO BE DRIVEN DOWN UNTIL TOP FLUSH WITH EXISTING MASONRY WALL. IF ROCK IS ENCOUNTERED PREVENTING FULL EMBEDMENT, SHEET PILES ARE TO HAVE A MINIMUM OF 10 ft EMBEDMENT
- TOP 10 ft OF SHEET PILE TO BE PAINTED. COLOR AND SPEC TO MPW ENGINEER'S SPECIFICATION

CONCRETE

- 1. CONCRETE SHALL COMPLY WITH THE FOLLOWING SPECIFICATION:
- MINIMUM CONCRETE STRENGTH AT SERVICE F'c - MINIMUM CEMENT CONTENT = 440 Kg/m³ (28 lb/ft³) - MAXIMUM WATER/CEMENT RATIO = 0.5
- 2. CONCRETE MIX DESIGNS TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- 3. NO ADDITIVES TO BE USED WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
- 4. CAST IN ITEMS WITH LESS THAN 25mm (1") COVER TO ATMOSPHERE SHALL BE HOT DIPPED GALVANISED IN ACCORDANCE WITH ASTM A153.
- 5. ALL FORMWORK, SHORING AND RESHORING SHALL BE THE RESPONSIBILITY OF AND DESIGNED BY THE CONTRACTOR
- 4. CONCRETE SHALL BE TESTED FOR SLUMP ON SITE. THE TEST CYLINDERS SHALL BE TAKEN FOR 3, 7 AND 28 DAY STRENGTHS.
- 5. CONCRETE STRENGTH AND SLUMP TO BE AS FOLLOWS

MIN. SPECIFIED 28 DAY STRENGTH	SLUMP
25 MPa	75mm ± 25mm

THE MINISTRY OF PUBLIC WORKS

P.O. Box HM525 Hamilton HMCX Bermuda Phone: (441) 295-5151

DEPARTMENT OF WORKS AND ENGINEERING

Fax: (441) 295-5658

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PROJECT NUMBER:

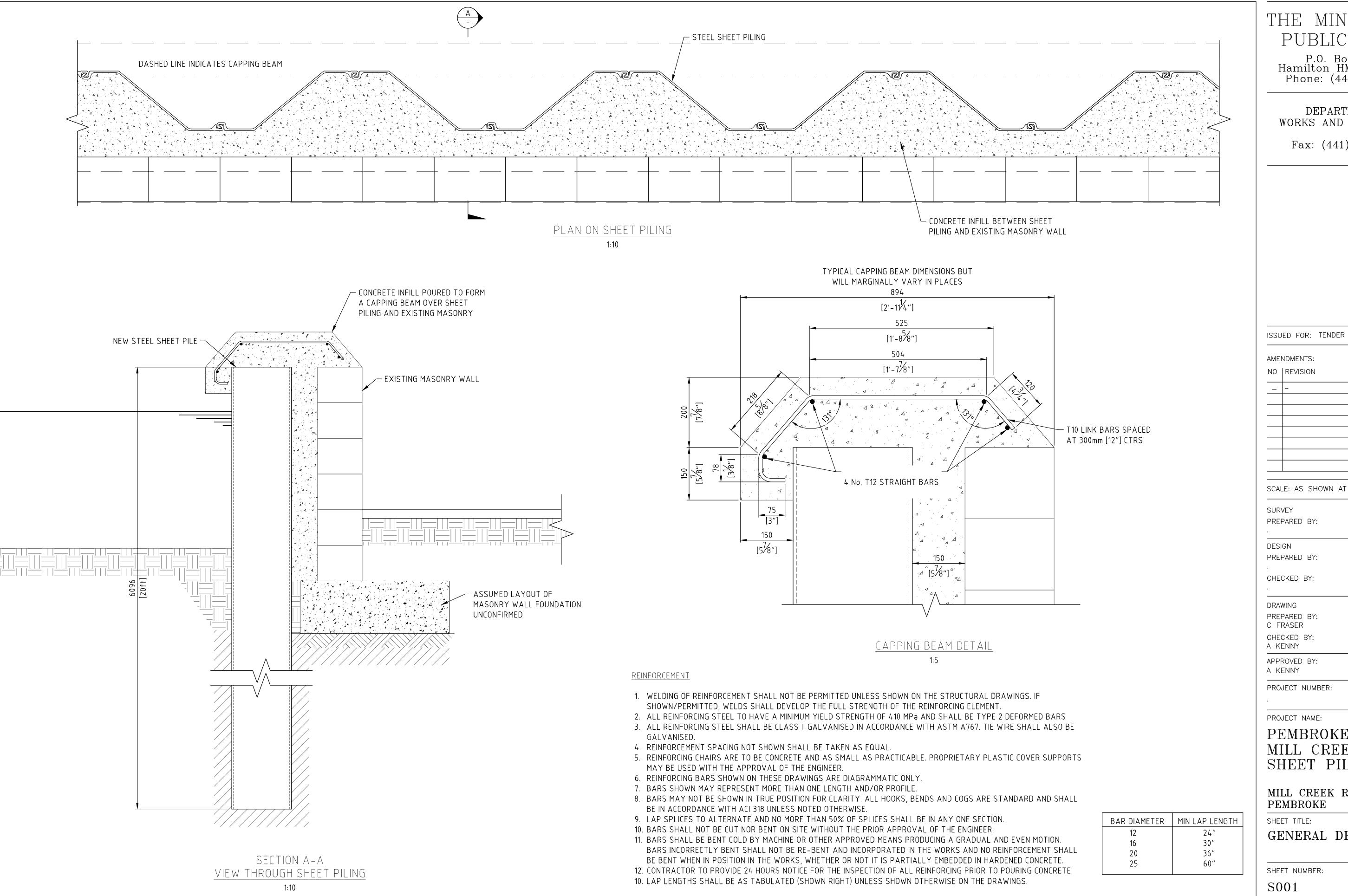
PROJECT NAME:

PEMBROKE CANAL MILL CREEK SHEET PILING

MILL CREEK ROAD PEMBROKE

SHEET TITLE: LOCATION PLAN

SHEET NUMBER: REVISION S000 \mathbf{A}



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PROJECT NAME:

PEMBROKE CANAL MILL CREEK SHEET PILING

MILL CREEK ROAD PEMBROKE

SHEET TITLE: GENERAL DETAILS

SHEET NUMBER:	REVISION
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