



- REMOVALS:**
- REMOVE ALL EXISTING:
- 600mm HIGH x 280mm DIAMETER CONCRETE FILLED STEEL MOORING POSTS (7) FLUSH WITH TOP OF CONCRETE GUARD.
 - TEMPORARILY REMOVE FLOATING FENDERS (4).
 - LADDERS (7).
 - STEEL SHEET PILING: FROM 54200 INNER WHARF AND 30500 EXTENSION: CUT OFF MAXIMUM 900mm ABOVE HARBOUR BOTTOM.
 - ENSURE OUTSIDE OF 84700 LONG VERTICAL FACE OF CONCRETE GUARD AND DECK IS FLUSH, IE. REMOVE STEEL PLATES, CUT OFF BOLT ENDS, ETC., TO FACILITATE INSTALLATION OF NEW WORK.
 - TEMPORARILY REMOVE AND REINSTALL ANY ELECTRICAL COMPONENTS, IE. ELECTRICAL PANELS, DERRICK MOTOR, ETC., AND DERRICK, WHERE REQUIRED, TO FACILITATE NEW WORK.
 - PROTECT LOOSE ELECTRICAL CABLES LAYING ON DECK TO ENSURE THEY DO NOT GET DAMAGED DURING CONSTRUCTION.
 - TEMPORARILY REMOVE STEEL DERRICK (1).
 - STEEL LADDER HOLDFASTS WHERE NOT REQUIRED.
- NEW WORK:**
- INSTALL NEW TREATED FENDER PILES (56) TO TIP ELEVATIONS SHOWN ON PILE SCHEDULE. NEW FENDER PILES TO BE INSTALLED ADJACENT TO EXISTING BEARING PILES, IE. 3050 c/c. AND AT THEIR MIDPOINTS, IE. 1530 c/c. EVERY SECOND PILE TO EXTEND 1.0m ABOVE TOP OF DECK.
 - INSTALL NEW TIMBER WALES AND CHOCKS.
 - INSTALL NEW LADDERS (7) AND CLEATS (7) WHERE REQUESTED BY HARBOUR AUTHORITY. CENTRE BETWEEN FENDER PILES.
 - INSTALL NEW UHMW WEARING STRIPS ON FENDER PILES.
 - REINSTALL EXISTING ELECTRICAL PANELS, ELECTRICAL MOTOR FOR DERRICK (1), AND FLOATING FENDERS (4).
- GENERALS NOTE:**
- BENCHMARK IS TOP OF CONCRETE GUARDS WITH ASSUMED ELEVATION OF +5.5m ABOVE CHART DATUM.

| PILE SCHEDULE | | | | |
|---------------|--------------------|-------|--------------------------|----------------|
| PILE NUMBER | PILE TIP ELEVATION | ORDER | PILE LENGTHS METRES FEET | PILES REQUIRED |
| 1-10 | -7.7 | 16.7 | 55 | 10 |
| 11-43 | -6.2 | 13.7 | 45 | 32 |
| 44-49 | -8.1 | 15.3 | 50 | 6 |
| 50-53 | -9.5 | 16.7 | 55 | 4 |
| 54-56 | -11.1 | 18.3 | 60 | 3 |
| TOTAL | | | | 55 |

PILE LENGTHS CALCULATED BASED ON:
- TOP OF PILES DRIVEN TO +7.2m, IE. 2.0m ABOVE DECK
- CUT OFF LENGTH 1.0m
- PILE EXTENSION ABOVE TOP OF DECK 1.0m

| | | |
|-----------------------|--|------------|
| 0 | ISSUED FOR TENDER | NOV. 2014 |
| revisions | | date |
| project | STEEL SHEET PILE REMOVAL AND FENDER PILES LOWER EAST PUBNICO YARMOUTH COUNTY NOVA SCOTIA | project |
| drawing | EXISTING CONDITIONS AND NEW WORK | dessin |
| designed | M. HAKINGS | conçu |
| date | NOV. 2014 | |
| drawn | R.L. SMELTZER | dessiné |
| date | NOV. 2014 | |
| approved | M. HAKINGS | approuvé |
| date | Nov. 14/14 | |
| Tender | | Soumission |
| PWGSC Project Manager | Administrateur de projets TPSCG | |
| project number | no. du projet | |
| | R.071889.001 | |
| drawing no. | no. du dessin | |
| | Sht.1 of 2 | |

