

EXISTING 45 $\phi$  STEEL PIPE (WATERLINE) TO BE RELOCATED ADJACENT TO BACK OF NEW CURB LOCATION (TYPICAL FULL LENGTH OF WHARF REPAIR)

EXISTING 100x200 CURB (TO BE REMOVED)

100 x 200 x 3000 LG P.T. TIMBER CURB. SEE DETAIL 3/M3.

100 x 200 x 600 LG P.T. CHOCKS

EL. +2.33m  
TOP OF EXISTING DECK

15M STIRRUPS BETWEEN PILES AT 300mm c/c

EL. +2.13m  
NEW H-PILE CUT OFF

DRILL 30mm $\phi$  HOLES THROUGH NEW H-PILE WEBS (DO NOT CUT FLANGES) AT 2 LOCATIONS TO ALLOW PASSAGE OF NEW HORIZONTAL REINFORCEMENT

EL. +1.93m  
TOP OF NEW PANEL

4-20M TOP AND BOTTOM

NEW 200mm THICK CONCRETE DROP-IN PANELS

LAND SIDE

REMOVE EXISTING CHANNEL CAP

EXISTING STEEL H-PILES TO REMAIN FULL HEIGHT

REMOVE EXISTING CONCRETE DROP-IN PANELS DOWN TO TOP OF NEW PANEL (EL. +1.93m)

DRILL 30mm $\phi$  HOLES THROUGH EXISTING H-PILE WEBS (DO NOT CUT FLANGES) TO ALLOW PASSAGE OF NEW HORIZONTAL REINFORCEMENT

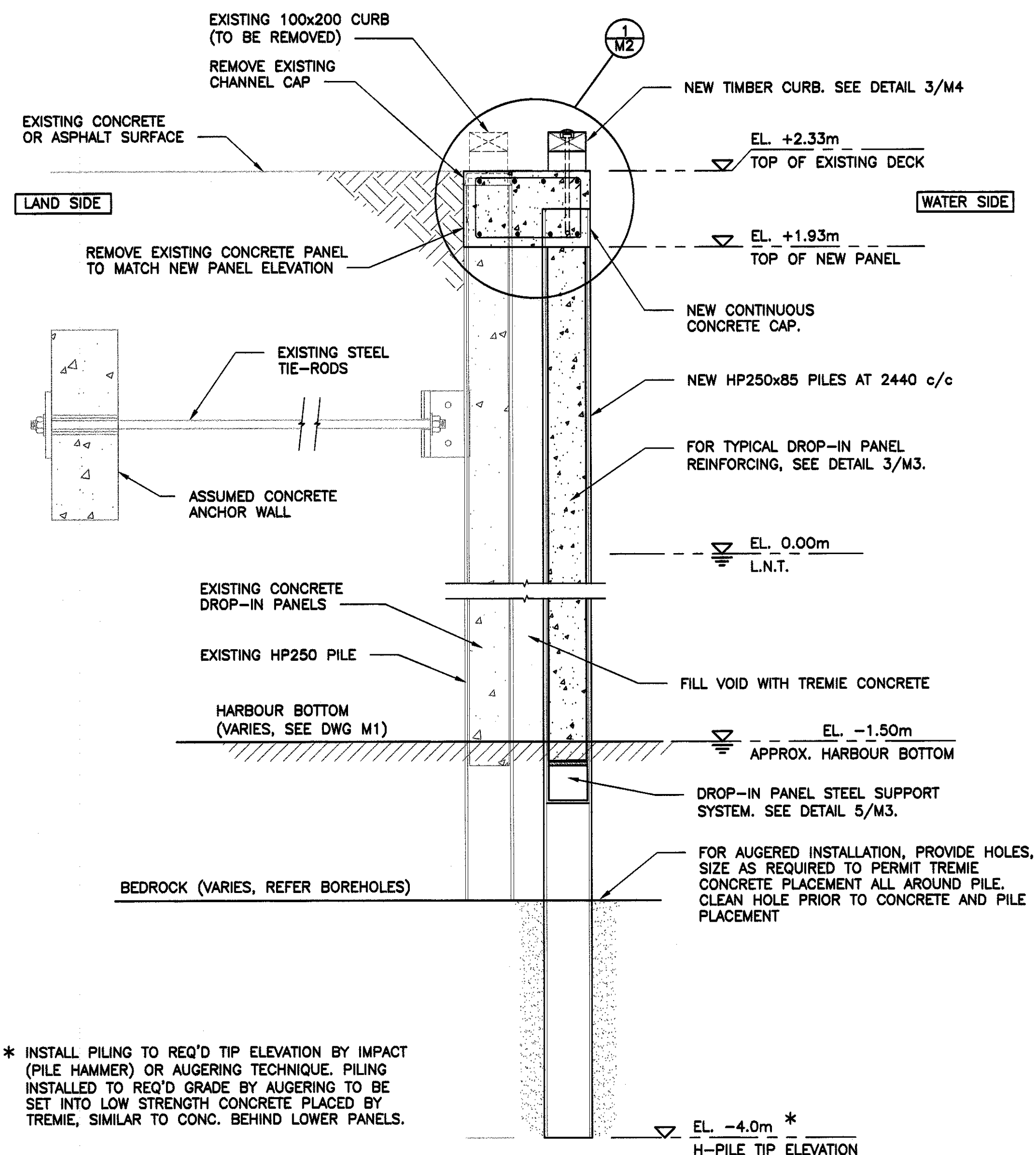
FILL ALL VOIDS BETWEEN NEW AND EXISTING BERLIN WALLS WITH TREMIE CONCRETE

**TYPICAL WALL CAP DETAIL**

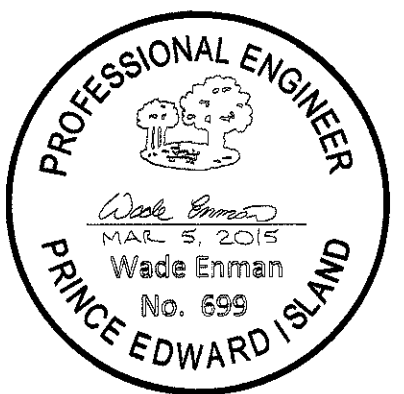
SCALE: 1:5

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

1  
M2



\* INSTALL PILING TO REQ'D TIP ELEVATION BY IMPACT (PILE HAMMER) OR AUGERING TECHNIQUE. PILING INSTALLED TO REQ'D GRADE BY AUGERING TO BE SET INTO LOW STRENGTH CONCRETE PLACED BY TREMIE, SIMILAR TO CONC. BEHIND LOWER PANELS.



LEGEND	EXISTING	NEW
UTILITY POLE		
CRANE		
MOORING CLEAT		
LADDER		

# NOTES:

- CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. ALL ELEVATIONS ARE NOTED IN METERS.
- REMOVE AND REINSTATE ALL SITE SERVICES AFFECTED BY THE WORK OF THIS CONTRACT INCLUDING CRANES, WATER LINES, ELECTRICAL SERVICES, ETC.
- ALL FENDERS, LADDERS AND MOORING CLEAT LOCATIONS TO BE AS DIRECTED BY THE HARBOUR AUTHORITY.
- PROVIDE COUNTERSUNK HOLES AT ALL BOLTING LOCATIONS (TIMBER GUARDS, MOORING CLEATS, ETC.). FILL ALL HOLES AFTER INSTALLATION WITH APPROVED WEATHER-PROOF NON-SHRINK GROUT.

revisions	date
project	project

## HOWARD'S COVE WHARF REPAIR

PRINCE COUNTY, PEI

## NEW BERLIN WALL LAYOUT PLAN, SECTION, AND DETAILS

designed	W. ENMAN	conqu
date	NOV. 2014	
dwn	R. LYNCH	dessin
date	NOV. 2014	
approved		approuv
date		
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPSC	
project number		no. du projet
	R.076439.001	
drawing no.		no. du dessin
	M2 of 7	