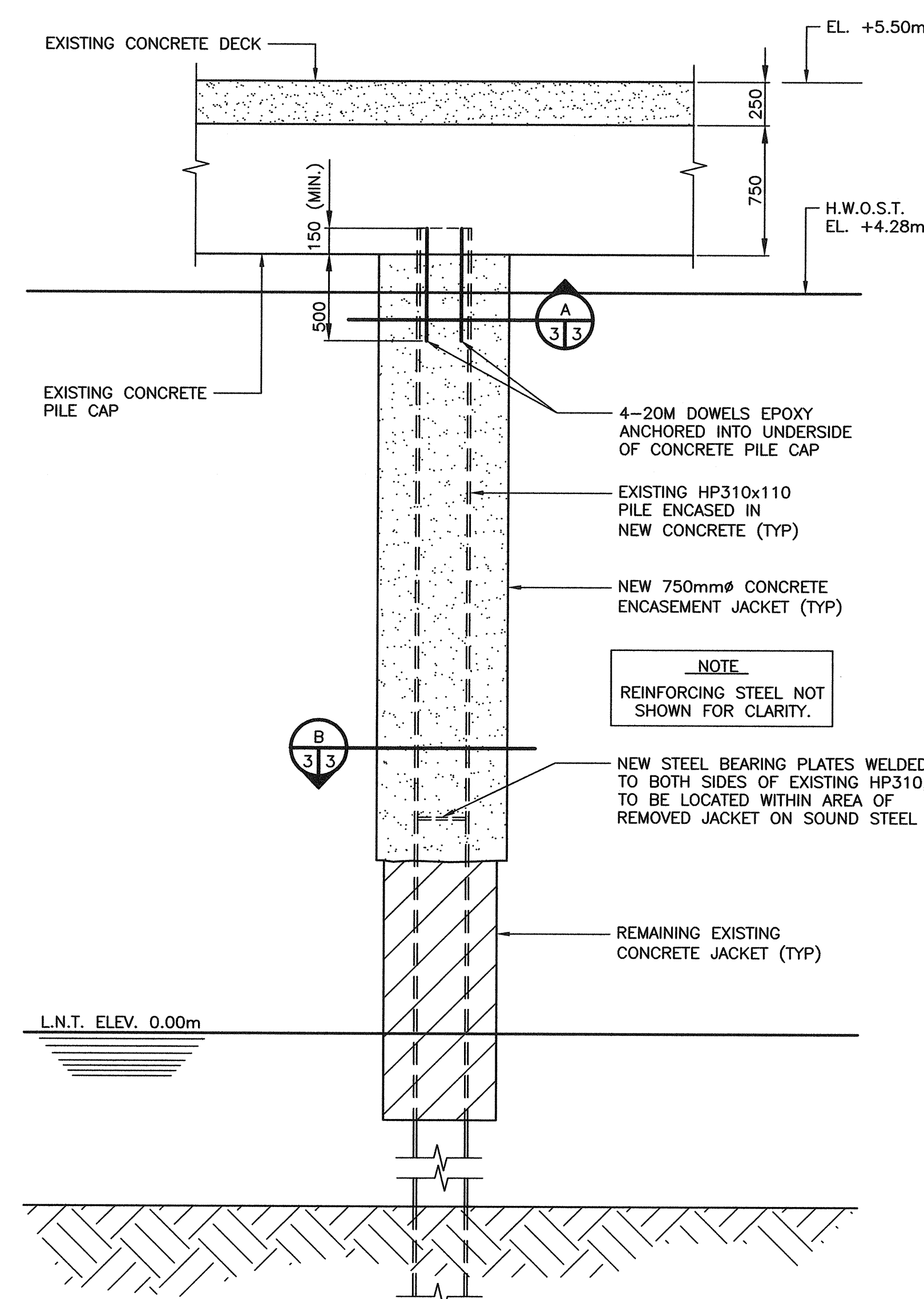


DETAIL — EXISTING PILE (TYP.)

SCALE : 1:25

0mm 500mm 1000m 1500m 2000m 2500m

1
3/3



DETAIL — NEW PILE ENCASEMENT (TYP.)

SCALE : 1:25

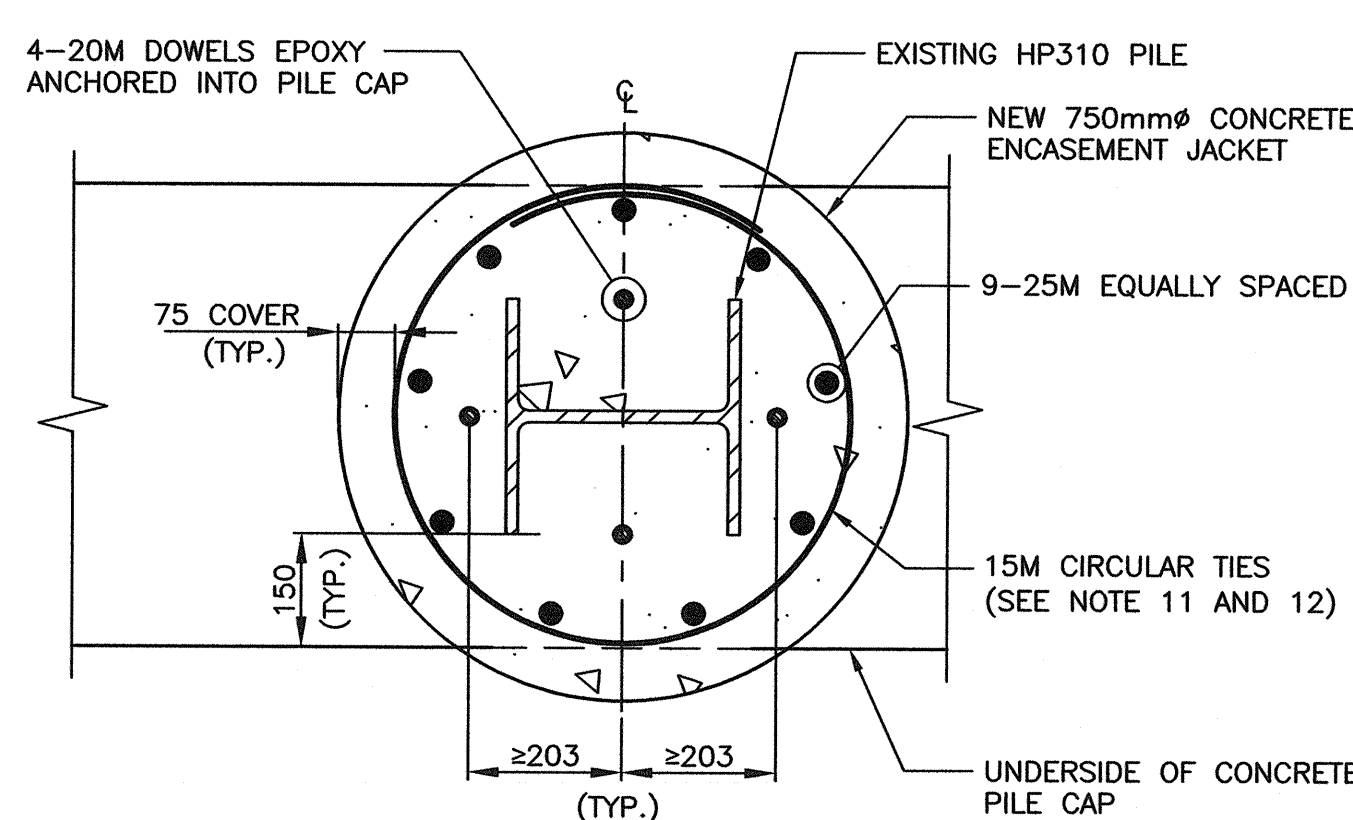
0mm 500mm 1000m 1500m 2000m 2500m

2
3/3

NOTE
REMOVE EXISTING PORTION OF CONCRETE JACKET ±500mm TO SOUND STEEL AS INDICATED ON DETAIL 1/C3 AND CUT OFF ANY EXISTING REINFORCING THAT WOULD BE PROTRUDING FROM EXISTING CONCRETE TO BE LEFT IN PLACE. CLEAN ANY LOOSE STEEL OR CONCRETE FROM HP310 PILE PRIOR TO POURING NEW ENCASEMENT JACKET.

GENERAL NOTES

1. STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO CAN3-S16.1 LATEST EDITION AND THE NATIONAL BUILDING CODE OF CANADA LATEST EDITION.
2. ALL STRUCTURAL STEEL TO CONFORM TO CSA STANDARD G40.21, TYPE 300W OR 350W.
3. PROVIDE ALL NECESSARY DETAILS, MATERIALS AND CONNECTIONS IN ACCORDANCE WITH CISC STANDARD DETAILS U/N.
4. WELDING ELECTRODES TO BE E49XX.
5. CONCRETE COMPRESSIVE STRENGTH TO BE 35 MPa AT 28 DAYS.
6. CONCRETE WORK TO CONFORM TO REQUIREMENTS OF CSA-STANDARD CAN3-A23.1 LATEST EDITION.
7. MINIMUM CONCRETE COVER TO REINFORCING STEEL TO BE IN ACCORDANCE WITH CAN3-A23.1 LATEST EDITION U/N.
8. REINFORCING STEEL TO BE 400 MPa.
9. ALL REINFORCING STEEL DETAILING AND PLACING CONFORM TO ACI MANUAL FOR DETAILING OF REINFORCED CONCRETE STRUCTURE U/N.
10. LAP HORIZONTAL BARS IN ACCORDANCE WITH CAN3-A23.3 LATEST EDITION AND PROVIDE CORNER BARS AND VERTICAL DOWELS TO MATCH HORIZONTAL AND VERTICAL STEEL U/N.
11. REINFORCING STEEL CIRCULAR TIES TO BE FABRICATED TO ACCOMMODATE INSTALLATION AROUND EXISTING STEEL H-PILE.
12. PROVIDE 15M TIES @ 150mm C/C WITHIN 300mm OF BEARING PLATE, TOP OF JACKET AND BOTTOM OF JACKET. TIE SPACING 300mm C/C OVER REMAINDER OF REPAIR JACKET.

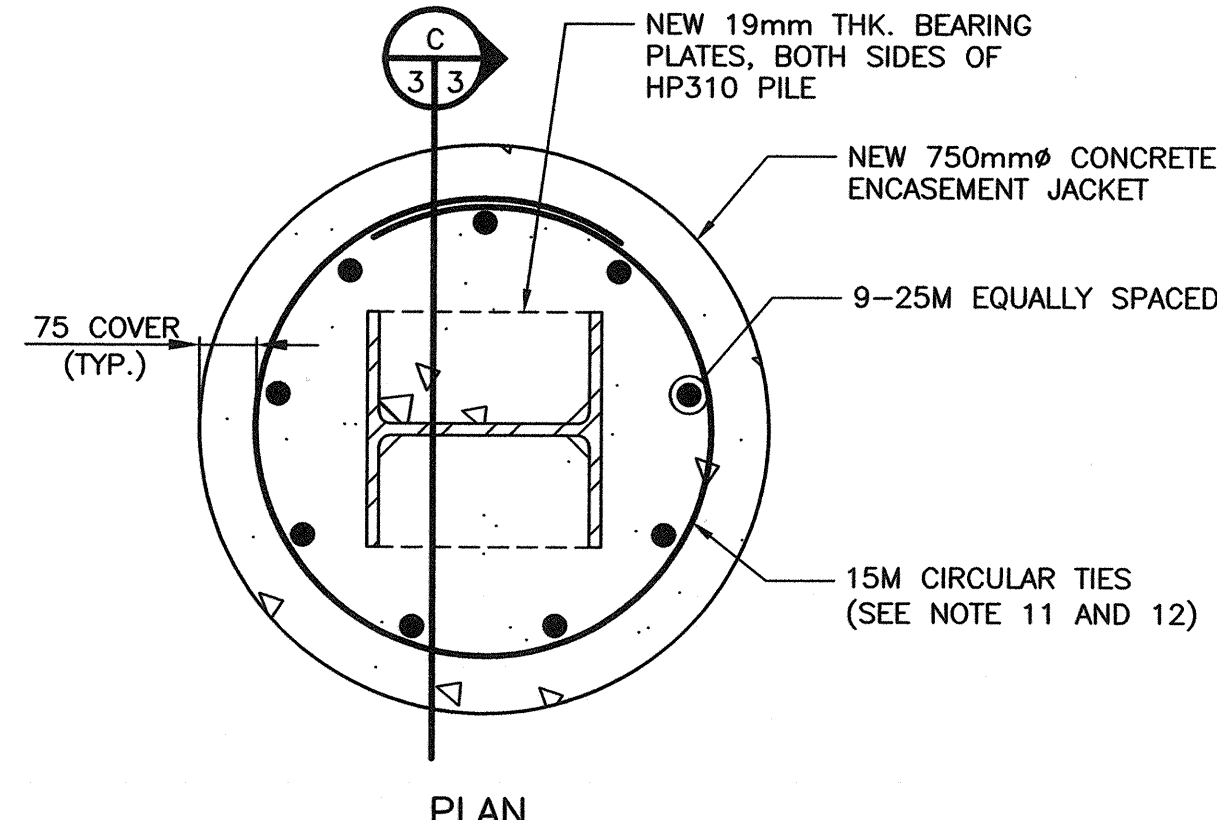


SECTION @ UNDERSIDE OF PILE CAP (TYP.)

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm

A
3/3

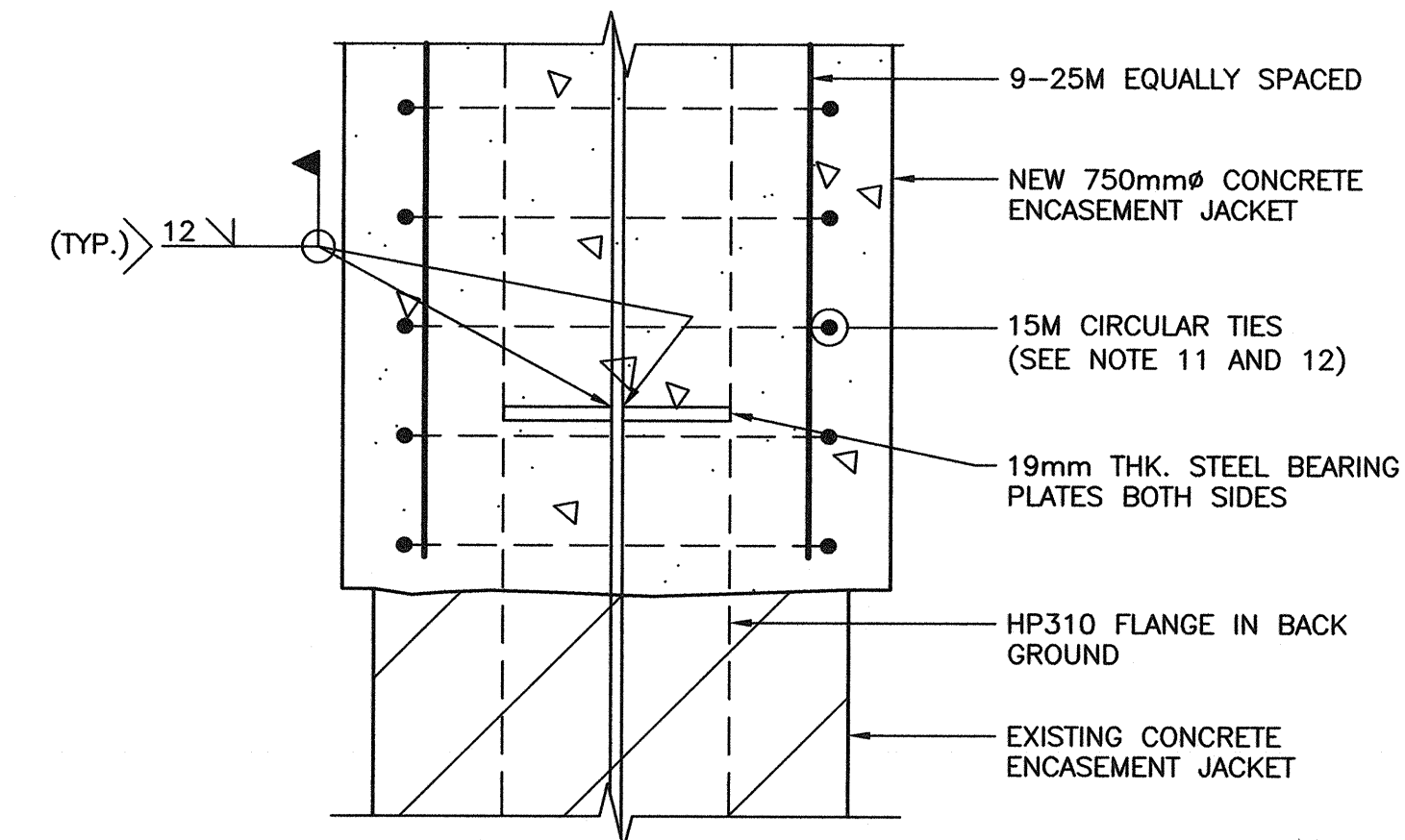


SECTION @ BEARING PLATES (TYP.)

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm

B
3/3

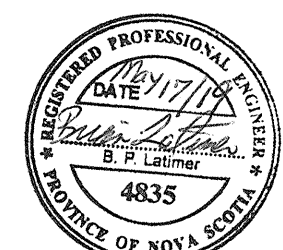


SECTION @ BEARING PLATES (TYP.)

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm

C
3/3



0	ISSUED FOR TENDER	MAY 17 2019
C	ISSUED FOR 99% REVIEW	MAY 07 2019
B	RE-ISSUED FOR 33% REVIEW	APR.03 2019
A	ISSUED FOR 33% REVIEW	FEB.22 2019
revisions		date

project

**WEDGEPORT
PILE
REPAIRS**

drawing

dessin

REPAIR SECTIONS

designed C. WILLETTE

conçu

date FEBRUARY 2019

drawn P. BAILEY

dessiné

date FEBRUARY 2019

approved

approuvé

date

Tender

Soumission

PWGS Project Manager

Administrateur de projets TPSCC

project number

no. du projet

R.100490.001

drawing no.

no. du dessin

C3 OF 3