

2-22mm ϕ BOLTS @ WALE BOLT LOCATIONS AND ON EITHER SIDE OF TIE RODS (TYP.) C/W 40mm ϕ EXTRA STRONG PIPE SEPARATORS AND 150x100x19 PLATES TOP AND BOTTOM

OUTLINE OF STEEL SHEET PILES

SEE DETAIL 5/M5 FOR BOLT AND WASHER DETAILS

PRE-FAB CORNER PILE

WATER SIDE

(2) C310x37

DETAIL - CORNER

SCALE : 1:10

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

1
M3/M5

DETAIL - CORNER

SCALE : 1:10

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

2
M3/M5

DETAIL - CORNER

SCALE : 1:10

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

3
M4/M5

PROVIDE BEVELED WASHERS TO ADJUST FOR ANGLE OF TIE ROD AS REQUIRED

(1) HEX NUT & (1) LOCK NUT

65mm ϕ STEEL TIE ROD

300x200x22 STEEL PLATE

M5/M5

CONTINUOUS STEEL WALE

C310x37

25mm ϕ HOLES IN TOP CHANNEL OF WALES @ 1000mm O/C (FOR DRAINAGE)

PLAN - TIE ROD / WALE DETAIL

SCALE : 1:10

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

4
M3/M5

STEEL SHEET PILES

100x100x19 PLATE (TYPICAL)

M5/M5

PLAN - WALE CONNECTION DETAIL

SCALE : 1:10

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

5
M3/M5

C310x37 x 310mm LG. WALE SUPPORTS (CENTERED BELOW PIPE SEPARATORS)

(2)-22mm ϕ BOLTS @ WALE BOLT LOCATIONS AND ON EITHER SIDE OF TIE RODS (TYP.) C/W 40mm ϕ EXTRA STRONG PIPE SEPARATORS AND 150x100x19 PLATES TOP AND BOTTOM

500x200x19 PLATE WASHERS (TYP.)

C310x37

19mmx100x100 STEEL PLATE

EQ. 75 EQ.

TYP.

OUTLINE OF STEEL SHEET PILING

SECTION - WALE SUPPORT

SCALE : 1:10

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

B
M5/M5

SPLICE

150x650x13mm SPLICE PLATE (BOTH SIDES OF CHANNEL)

XX

25mm ϕ BOLT

PL 500x200x19

C310x37 x 310mm LONG WALE SUPPORTS @ BOLT LOCATIONS

OUTLINE OF STEEL SHEET PILING

EQ. 75 EQ.

TYP.

150x100x19 PLATES (TOP AND BOTTOM)

2-22mm ϕ MACHINE BOLTS C/W 40mm ϕ EXTRA STRONG PIPE SEPARATORS x 80mm LONG

25mm ϕ BOLT

PL 500x200x19

C310x37 x 310mm LONG WALE SUPPORTS @ BOLT LOCATIONS

OUTLINE OF STEEL SHEET PILING

EQ. 75 EQ.

TYP.

150x100x19 PLATES (TOP AND BOTTOM)

2-22mm ϕ MACHINE BOLTS C/W 40mm ϕ EXTRA STRONG PIPE SEPARATORS x 80mm LONG

25mm ϕ BOLT

PL 500x200x19

C310x37 x 310mm LONG WALE SUPPORTS @ BOLT LOCATIONS

OUTLINE OF STEEL SHEET PILING

EQ. 75 EQ.

TYP.

DETAIL - WALE SPLICE

SCALE : 1:10

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

7
M5/M5

(12)-22mm ϕ MACHINE BOLTS C/W 2 WASHERS AND 1 NUT EACH

C310x37 WALE

SECTION XX

NOTE: SPLICE NOT TO OCCUR WITHIN 500mm OF TIE-ROD LOCATIONS

50 100 100 75 75 100 100 50

650

25

100

150

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25

25