

## CLOSE-BOARDED FENCING

NOTES (To be read in conjunction with Drg No SD/3/13).

### GENERAL

1. All dimensions are in millimetres unless otherwise stated.
2. BS 1722 Part 5 applies unless otherwise stated.

10. Capping and counter rails will be fitted to fence type BCM 180B. For other morticed post fences capping and counter rails will be fitted when specified. Where capping is specified it will be nailed to the counter rail at each end and at intervals not exceeding 450mm centres using 45mm x 2mm nails.

### MATERIALS

1. All timber shall comply with specification clause 304 and Appendix 3/2.
2. All nails and bolts shall be galvanised to BS 729.
3. Concrete for post footings to be class C10P.

### ERECTION

1. Where the fence forms a boundary between a highway and private property, the boards shall be fixed to the highway side.
2. Holes for posts will be not less than 300mm square.
3. Holes will be filled to not less than half their depth with concrete which will be well rammed as filling proceeds. Before the concrete has hardened the remainder of the hole will be filled with earth and well rammed as the filling proceeds.
4. Arris rails will be triangular cut from timber of 75mm x 75mm section except for fence types BCM 180B and BCR 180B which will be cut from timber of 87mm x 87mm section.
5. With recessed concrete posts all main rails will be fixed to the post by means of one M8 bolt at each end.
6. With morticed concrete posts, top rails only will be bolted with one M6 bolt at each end.
7. Centre stumps will be splay cut to fit under the bottom rail and will be nailed thereto using one 65mm x 3mm galvanised nail.
8. Feathered edged boards will be 100mm wide tapering from 13mm to 6mm provided at not less than 12 per metre. They will be lapped approximately 18mm when fixed. They will rest on top of the gravel board if any and be nailed to each arris rail with 50mm x 2.65mm galvanised nails. Each nail shall pierce one board only.
9. Wooden gravel boards will be nailed with two 65mm x 3mm galvanised nails to a stump at the centre of each bay. They will also be bolted to galvanised angle cleats using one M8 bolt. The angle cleats will in turn be bolted to concrete posts with 2 x M8 bolts.

Rev.	Description	Drawn	Ch'kd	Auth	Date



in partnership with



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Project		<b>Highway Construction Details</b>			Project	Drawn	Date
Status	Project No.	<b>Fencing</b>			Ch'kd	JLS	20/08/20
Drawing Title		<b>Close-Boarded Fencing To BS 1722 Part 5</b>			Auth	JDP	Date 26/09/20
Drawing No.		<b>SD/3/12</b>			Rev.	JJP	Traced JLS
						0	Scale N.T.S@A4