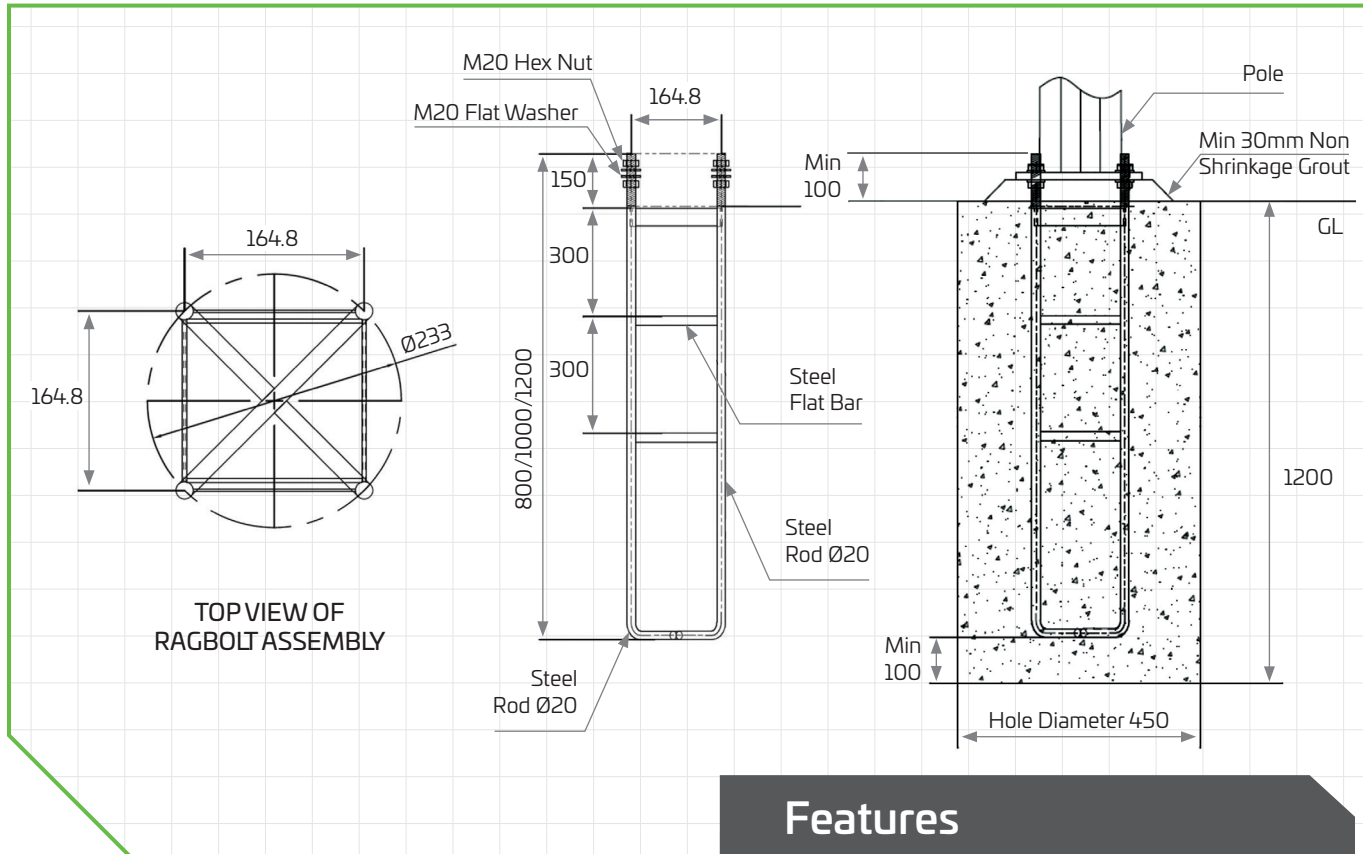


SLD M20 FOUNDATION CAGE



Features

Foundation bolt/cage to be fully welded construction in accordance with AS 1554.1 weld symbols comply with AS 1103.3

Hot dip galvanised after fabrication

Concrete to have a minimum characteristic strength of 32MPa or 40MPa where an exposure classification of moderate is determined

Minimum clear concrete cover to be 65mm

All concrete shall be placed and vibrated to optimum compaction

Pile casings to be used for construction purposes where required

Engineering advice is to be sought where soils are assessed to be of exposure classification severe or greater

Soil classification to be determined by a geotechnical engineer

SKU: SLDRBC001

Soil Type As defined in AS/NZS 4676: 2000 Appendix

Firm Damp Clays; Sandy Clays; Damp Sands
F_b > 100KPa

Pile Diameter	Pile Length	Cage Bolt Assembly
450mm	1200mm	M20

This table is to be used as a guide only. All pile specifications should be confirmed with an appropriately qualified engineer prior to construction.

M20 Foundation bolt/cage assembly on 233mm PCD.
Based on average soil conditions. Certification by others.

Bolt Pattern	4 M20 on 233 PCD
Ultimate Base Moment	10.1 kNm
Ultimate Base Shear	2.5 kN

SLD M20 FOUNDATION CAGE



Installation Guide



1. Mark pile location



2. Auger 450mm x 1200mm hole



3. Position cage, template, and conduit as required.

WARNING: Cover all exposed holes and fence off the area with high visibility fencing



4. Pour concrete - During the pour continuously vibrate concrete.



5. Finish and fence off foundation



6. Once concrete has fully dried (24h min), the foundation cage can be used to erect the lighting column