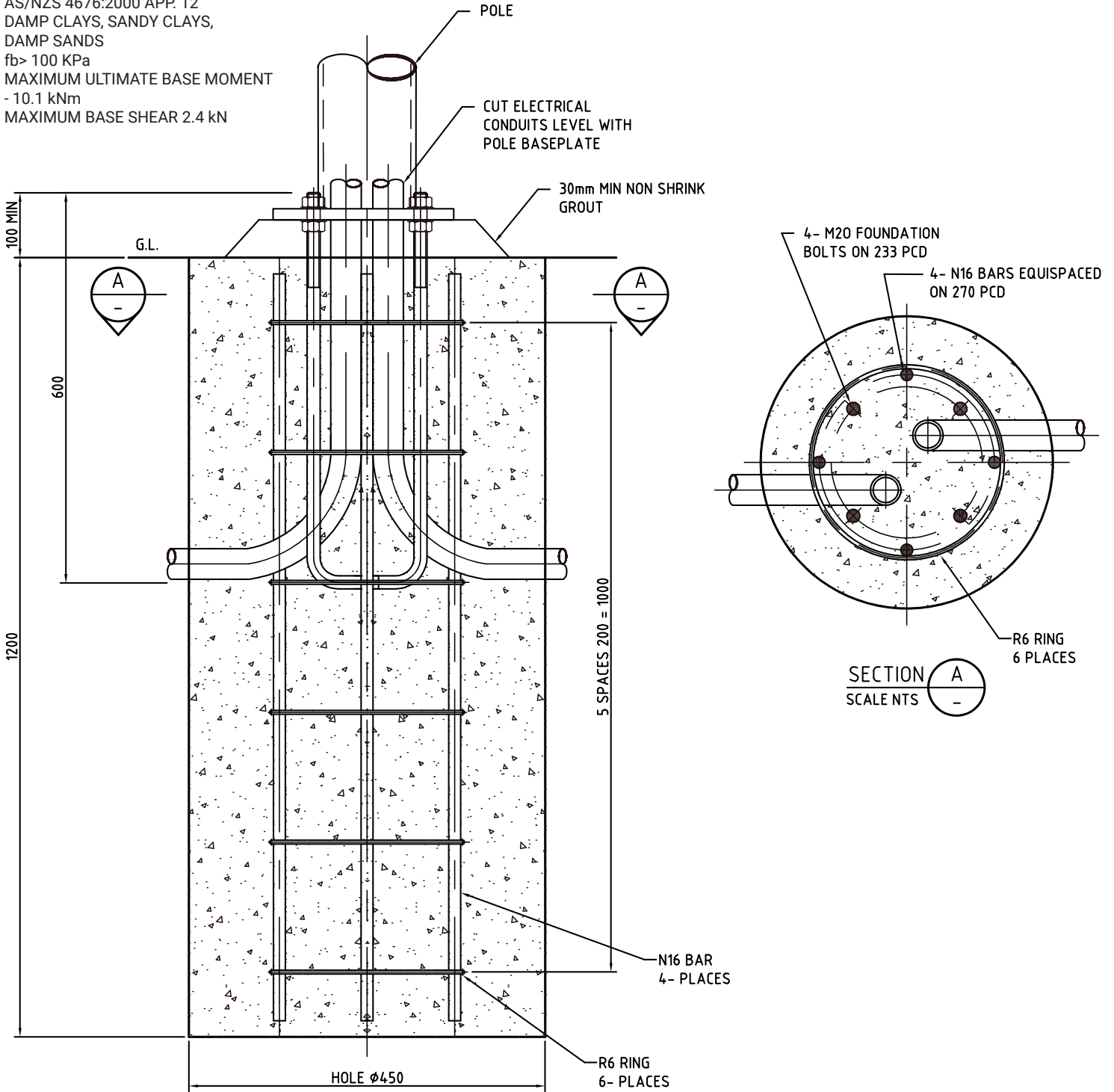


BOLT PATTERN - 4 x M20 x 233 PCD
 SOIL TYPE FIRM AS DEFINED IN
 AS/NZS 4676:2000 APP. 12
 DAMP CLAYS, SANDY CLAYS,
 DAMP SANDS
 $f_b > 100$ kPa
 MAXIMUM ULTIMATE BASE MOMENT
 - 10.1 kNm
 MAXIMUM BASE SHEAR 2.4 kN



- NOTES:**
1. THIS DRAWING IS TO BE USED AS A GUIDE ONLY. ALL PILE SPECIFICATIONS SHALL BE CONFIRMED WITH AN APPROPRIATELY QUALIFIED ENGINEER PRIOR TO CONSTRUCTION
 2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT SAA CODE AS3600 PILING - DESIGN AND INSTALLATION - WITH AMENDMENTS
 3. ALL CONCRETE TO HAVE A MINIMUM CHARACTERISTIC STRENGTH OF 32MPA OR 40MPA WHERE AN EXPOSURE CLASSIFICATION OF MODERATE IS DETERMINED IN ACCORDANCE WITH AS2159 - PILING AND INSTALLATION
 4. MINIMUM CLEAR CONCRETE COVER TO BE 65MM
 5. ALL CONCRETE TO BE PLACED AND VIBRATED TO OPTIMUM COMPACTION
 6. PILE CASINGS TO BE USED FOR CONSTRUCTION WHERE REQUIRED
 7. ENGINEERING ADVICE IS TO BE SOUGHT WHERE SOILS ARE ASSESSED TO BE OF EXPOSURE CLASSIFICATIONS SEVERE OR GREATER AS DETERMINED IN ACCORDANCE WITH AS2159
 8. SOIL CLASSIFICATION TO BE CONFIRMED BY A GEOTECHNICAL ENGINEER
 9. ALL INFORMATION SUBJECT TO CHANGE WITHOUT NOTICE