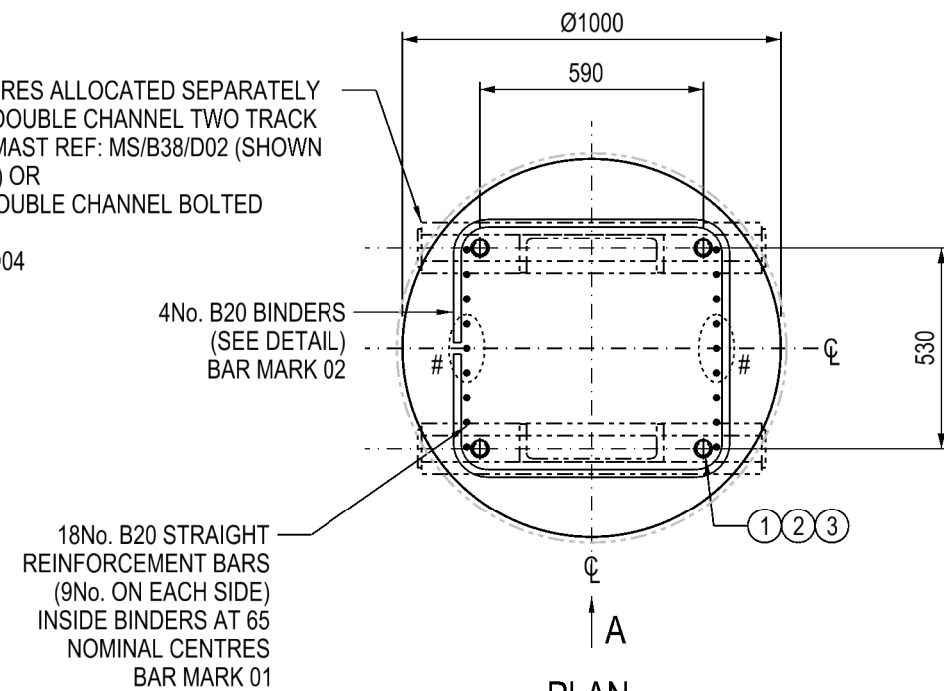


OLE STRUCTURES ALLOCATED SEPARATELY  
•380x100 P.F. DOUBLE CHANNEL TWO TRACK  
CANTILEVER MAST REF: MS/B38/D02 (SHOWN  
INDICATIVELY) OR  
•300x90 P.F. DOUBLE CHANNEL BOLTED  
PORTAL MAST  
REF: MS/B43/D04

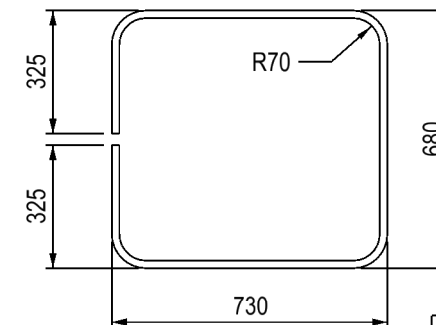


PLAN

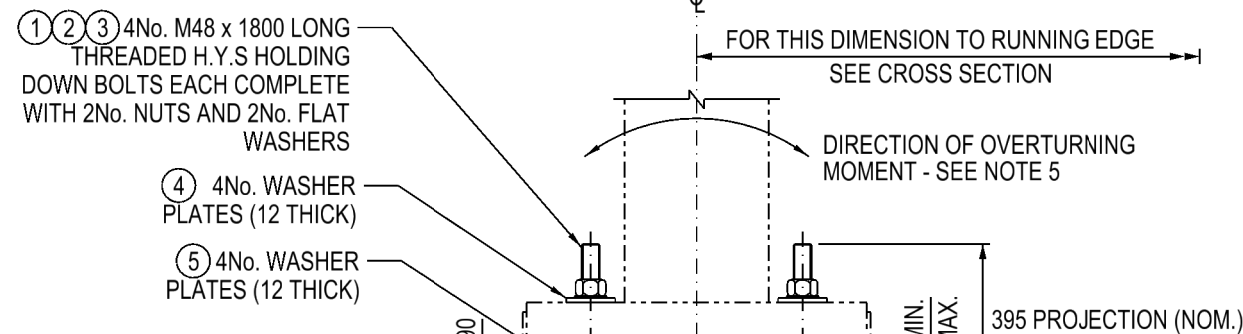
(WASHER PLATES, WASHERS AND NUTS OMITTED FOR CLARITY)

1:20

RUNNING EDGE

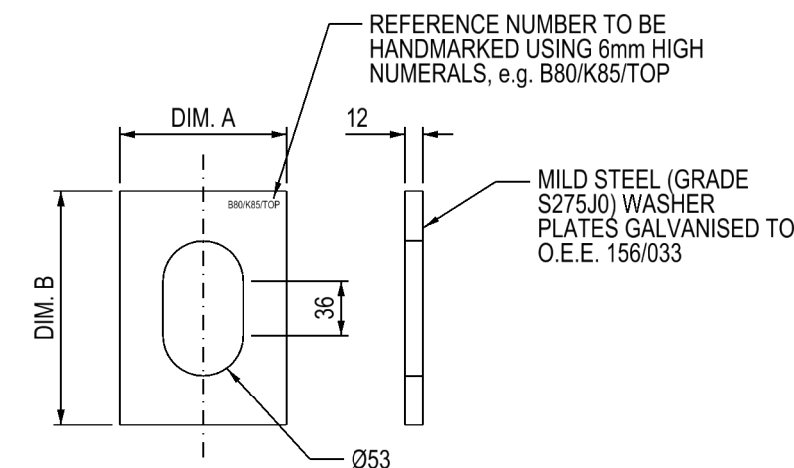


# BINDERS AND MAIN BARS TO BE FIXED USING "SADDLE TIE AND TWIST" TIE OFF OR TACK WELDED



ELEVATION 'A'

1:20



| COMPONENT REFERENCE No. |     |     | DIM. A | DIM. B | MASS (kg) |
|-------------------------|-----|-----|--------|--------|-----------|
| B80                     | K85 | TOP | 110    | 155    | 1.22      |
| B80                     | K85 | BTM | 165    | 165    | 2.17      |

BAR BENDING SCHEDULE

| Member                | Bar Mark | Type and Size | No of mbrs | No of bars in each | Total no | Length of each bar † mm | Shape code | A* mm  | B* mm | C* mm | D* mm | E / r* mm | rev |
|-----------------------|----------|---------------|------------|--------------------|----------|-------------------------|------------|--------|-------|-------|-------|-----------|-----|
| 1.0m DIA AUGERED PILE | 01       | B20           | 1          | 18                 | 18       | TL-125                  | 00         | TL-125 |       |       |       |           |     |
|                       | 02       | B20           | 1          | 13                 | 13       | 2575                    | 41         | 325    | 730   | 680   | 730   | (325)     |     |

\* Specified in multiples of 5 mm

† Specified in multiples of 25 mm

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- FOR METHOD OF ALLOCATION REFER TO DRAWINGS MS/B98/K04 AND MS/B98/K08.
- WHERE ORE METHOD OF ALLOCATION IS NOT APPROPRIATE THIS FOUNDATION CAN BE UTILISED IN ACCORDANCE WITH EUROCODE 7.
- FOR REFERENCES SEE SHEET 2.
- FOUNDATION DESIGNER TO DETERMINE THE SUITABILITY OF THIS FOUNDATION FOR THE REQUIRED APPLICATION.
- WASHER PLATES MUST ENTIRELY COVER THE FULL WIDTH OF THE CLAMPING BARS AS A MINIMUM.
- HD BOLT ARRANGEMENT IS SUITABLE FOR USE WITH 380x100 TTC (MS/B38/D02) AND 300x90 DC PORTAL (MS/B43/D04).
- ENSURE AT LEAST TWO FULL THREADS BEYOND THE OUTER FACES OF THE NUTS.
- TEMPORARY WORKS/LIFTING ARRANGEMENTS TO BE DETERMINED BY INSTALLATION CONTRACTOR.

|     |          |                                  |       |      |      |
|-----|----------|----------------------------------|-------|------|------|
| C01 | 18/01/19 | FOR CONSTRUCTION                 | GB    | EM   | JW   |
| B01 | 13/09/18 | FOR ACCEPTANCE                   | GB    | EM   | DS   |
| P01 | 12/07/18 | RE-DRAFT FROM NWP SCHEME FOR IDC | GB    | DS   | JW   |
| REV | DATE     | DESCRIPTION OF REVISIONS         | DRAWN | CHKD | APPR |

STATUS

FOR CONSTRUCTION



ELECTRIFICATION & PLANT DESIGN GROUP  
INFRASTRUCTURE PROJECTS (SOUTHERN)  
WATERLOO STATION  
LONDON  
SE1 8SW

PROJECT

UK MASTER SERIES

DRAWING TITLE

1000mm DIA AUGERED  
FOUNDATION FOR  
DOUBLE PFC  
TTC AND PORTAL STRUCTURES

|          |            |        |  |      |          |
|----------|------------|--------|--|------|----------|
| DESIGNED | J. WAGG    | SIGNED |  | DATE | 18/01/19 |
| DRAWN    | G. BURROWS | SIGNED |  | DATE | 18/01/19 |
| CHECKED  | E. MELLOR  | SIGNED |  | DATE | 18/01/19 |
| APPROVED | J. WAGG    | SIGNED |  | DATE | 18/01/19 |

SCALE(S)

1:20

ALTERNATIVE REFERENCE

121926-CPL-DRG-ECV-000921

SHEET

1 of 2

DRAWING NUMBER

MS/B80/K85/A3

REVISION

C01