

| MEMBER                  | NO. OF | BAR TYPE | DIAMETER (mm) | h (mm) | n (mm) | f (mm) | BAR MARK | NO. IN EACH | TOTAL NO. | CUT LENGTH (mm) | SHAPE CODE | BENDING DIMENSIONS (mm) |       |   |   |     | MASS (kg) |
|-------------------------|--------|----------|---------------|--------|--------|--------|----------|-------------|-----------|-----------------|------------|-------------------------|-------|---|---|-----|-----------|
| HEADWALL FOUNDATION     | 1      | Y        | 12            | 120    | 100    | 30     | HR01     | 8           | 8         | 2 205           | 60         | A                       | B     | C | D | E/R | 10.9      |
|                         | 2      | Y        | 12            | 160    | 100    | 36     | HR02     | 4           | 8         | 1 500           | 20         | 720                     | 370   |   |   |     | 10.7      |
|                         | 3      | Y        | 12            | 120    | 100    | 30     | HR03     | 2           | 6         | 1 460           | 20         | 1 500                   |       |   |   |     | 5.4       |
|                         | 1      | Y        | 12            | 160    | 100    | 36     | HR04     | 3           | 3         | 1 040           | 37         | 1 460                   | 370   |   |   |     | 2.8       |
| CUT-OFF WALL            | 2      | Y        | 12            | 120    | 100    | 30     | CO1      | 3           | 6         | 3 300           | 20         | 3 300                   |       |   |   |     | 12.2      |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO2      | 13          | 13        | 1 805           | 60         | 690                     | 150   |   |   |     | 14.5      |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO3      | 13          | 13        | 805             | 37         | 430                     | 400   |   |   |     | 6.5       |
|                         | 1      | Y        | 12            | 200    | 120    | 48     | CO4      | 3           | 3         | 1 600           | 20         | 1 600                   |       |   |   |     | 7.6       |
| HEADWALL                | 1      | Y        | 12            | 120    | 100    | 30     | HO1      | 4           | 4         | 2 900           | 38         | 150                     | 1 400 |   |   |     | 7.2       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | HO2      | 2           | 2         | 1 400           | 38         | 150                     | 650   |   |   |     | 1.7       |
|                         | 2      | Y        | 12            | 120    | 100    | 30     | HO3      | 2           | 2         | 1 000           | 38         | 150                     |       |   |   |     | 1.2       |
|                         | 2      | Y        | 12            | 120    | 100    | 30     | HO4      | 4           | 8         | 1 250           | 20         | 1 250                   | 450   |   |   |     | 6.2       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | HO5      | 3           | 6         | 760             | 20         | 1 470                   |       |   |   |     | 5.5       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | HO6      | 4           | 4         | 1 470           | 38         | 150                     | 330   |   |   |     | 1.9       |
|                         | 2      | Y        | 12            | 120    | 100    | 30     | HO7      | 4           | 4         | 520             | 38         | 150                     | 210   |   |   |     | 1.3       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | HO8      | 6           | 12        | 1 000           | 48         | 500                     | 500   |   |   |     | 7.4       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO1      | 1           | 1         | 1 125           | 37         | 760                     | 390   |   |   | 440 | 0.7       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO2      | 1           | 1         | 1 235           | 37         | 870                     | 390   |   |   |     | 0.8       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO3      | 1           | 1         | 1 345           | 37         | 980                     | 390   |   |   |     | 0.9       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO4      | 1           | 1         | 1 465           | 37         | 1 100                   | 390   |   |   |     | 1.0       |
| WINGWALL                | 1      | Y        | 12            | 120    | 100    | 30     | CO5      | 1           | 1         | 1 605           | 37         | 1 240                   | 390   |   |   |     | 1.1       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO6      | 1           | 1         | 1 745           | 37         | 1 380                   | 390   |   |   |     | 1.2       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO7      | 1           | 1         | 1 865           | 37         | 1 500                   | 390   |   |   |     | 1.4       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO8      | 1           | 1         | 2 005           | 37         | 1 640                   | 390   |   |   |     | 1.2       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | CO9      | 1           | 1         | 615             | 37         | 250                     | 390   |   |   |     | 0.4       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | C10      | 1           | 1         | 1 155           | 37         | 790                     | 390   |   |   |     | 0.7       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | C11      | 1           | 1         | 1 705           | 37         | 1 340                   | 390   |   |   |     | 1.1       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | C12      | 1           | 1         | 2 235           | 37         | 1 870                   | 390   |   |   |     | 1.4       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | C13      | 1           | 1         | 2 235           | 37         | 1 870                   | 390   |   |   |     | 1.4       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | C14      | 1           | 1         | 2 235           | 37         | 1 870                   | 390   |   |   |     | 1.4       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | C15      | 1           | 1         | 2 235           | 37         | 1 870                   | 390   |   |   |     | 1.4       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | C16      | 1           | 1         | 2 050           | 20         | 2 050                   | 390   |   |   |     | 1.3       |
|                         | 1      | Y        | 12            | 120    | 100    | 30     | C17      | 1           | 1         | 1 500           | 20         | 1 500                   |       |   |   |     | 0.9       |
| TOTAL FOR 1 STRUCTURE   |        |          |               |        |        |        |          |             |           |                 |            |                         |       |   |   |     | 121.8     |
| TOTAL FOR 80 STRUCTURES |        |          |               |        |        |        |          |             |           |                 |            |                         |       |   |   |     | 9744      |