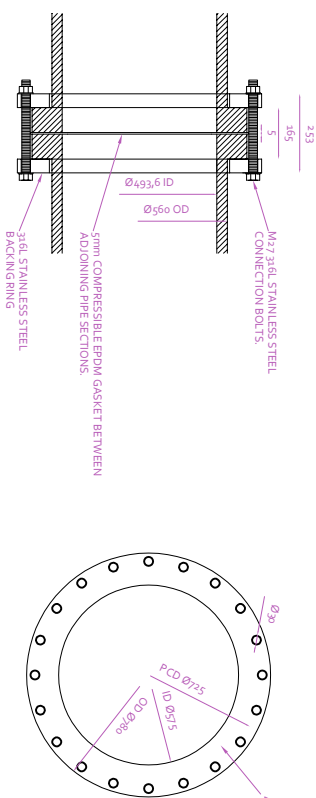


**OUTFALL STUB END DETAIL- 560mm OD HDPE**

**OUTFALL STUB END DETAIL-560mm OD HDPE**

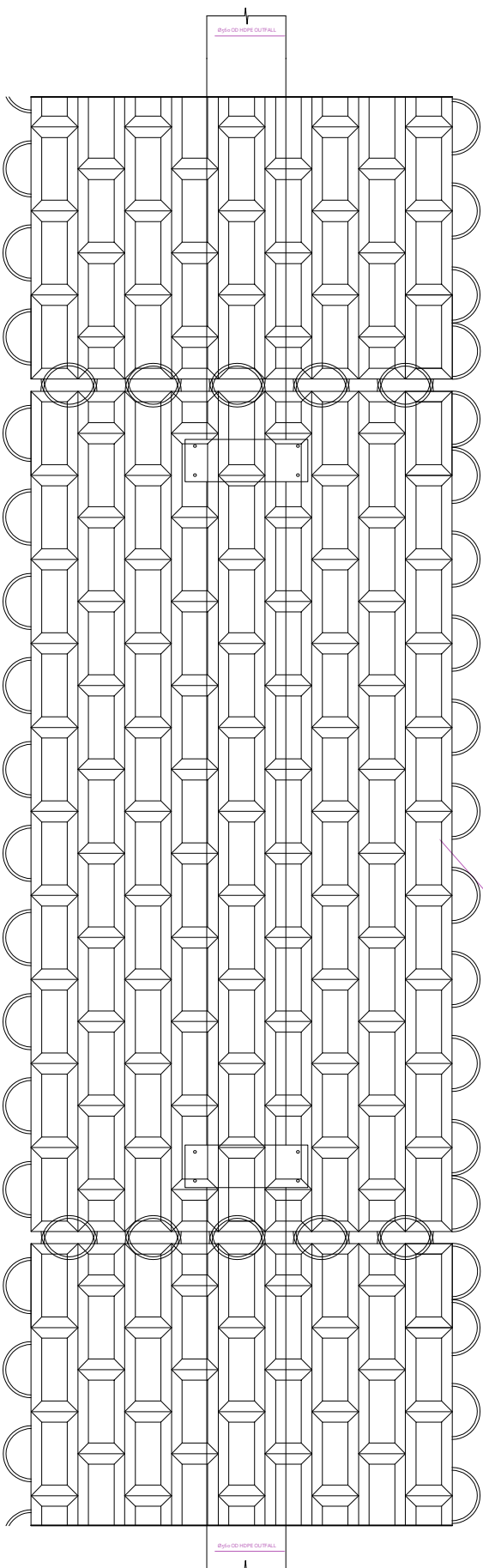


### OUTFALL STUB ENDS CONNECTION DETAIL-

560mm OD HDPE

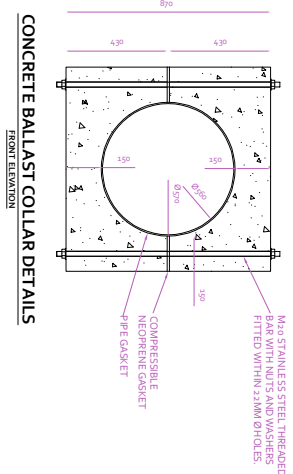
**316L STAINLESS STEEL BACKING**  
**RING DETAIL - 56mm OD HDPE**

### RING DETAIL- 560mm OD HDPE

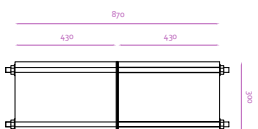


## INSTALLED PIPE SECTION

### PLAN VIEW



| Pre-Cast Concrete Balustrade Details |                        |
|--------------------------------------|------------------------|
| Width & Breadth                      | 0.9m W x 2x0.43m H     |
| Length                               | 0.3m                   |
| Volume                               | 0.14965m <sup>3</sup>  |
| Weight (@ 2.4t/m <sup>3</sup> )      | 0.359 T (Approx) - air |
| Weight (@ 2.4t/m <sup>3</sup> )      | 0.206 T - Submerged    |
| To suit pipe Ø                       | 0.56m OD               |
| To suit pipe Ø                       | 0.56m OD               |

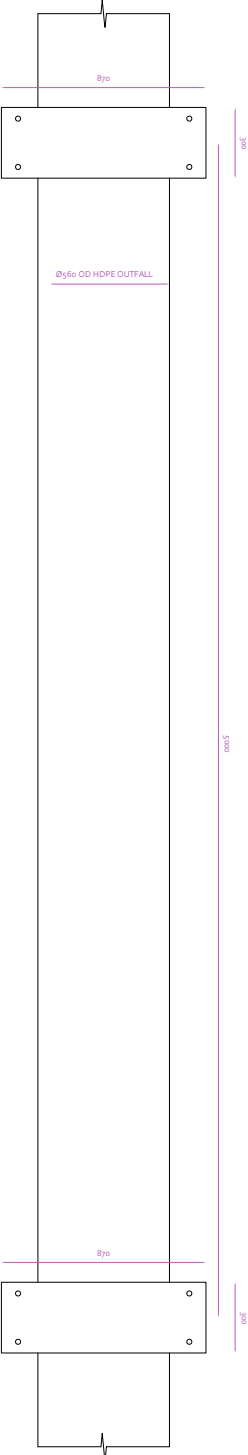


## CONCRETE BALLAST COLLAR DETAILS

**FRONT ELEVATION**

## CONCRETE BALLAST COLLAR DETAILS

### SIDE ELEVATION



## CONCRETE BALLAST COLLAR DETAILS

### PLAN VIEW

| Rev | Date     | By | Rev Description |
|-----|----------|----|-----------------|
| 01  | 17/07/22 | RC | -               |

**Drawing Status:**

## Outline Design Detail

**Client:**

**EASTMAN**

Project Reference:

EASTMAN; NEWPORT OUTFALL

**Drawing Title:**

PROPOSED OUTFALL DETAILS- DRAWING 1B

**Drawing Reference:**

1001-01B- 3M WIDE FLEXIMAT

|             |              |
|-------------|--------------|
| Issue Date: | Scale:       |
| 09/03/22    | DO NOT SCALE |

09/03/22



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## NOTES:

ALL DIMENSIONS ARE IN mm. ALL LEVELS ARE IN MAOD  
UNLESS NOTED OTHERWISE.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH  
KAYMAC LONG SECTION DRAWINGS REF 1001-14(1) TO (7).

LAPS TO GEOTEXTILES TO BE 1000mm IN ALL CASES.

**MATTRESSES MUST EXTEND A MINIMUM OF 1.0m EITHER SIDE OF THE PIPE CENTRE LINE AT ALL LOCATIONS.**

PIPE MUST NOT BE SUPPORTED ANYWHERE ALONG ITS LENGTH DIRECTLY BY ROCK.

**3M WIDE X 6M LONG FLEXIMAT**

1. ALL DIMENSIONS ARE IN MM.
2. ROPE TO BE 18mm Ø POLYPROPYLENE COMPLYING WITH EN ISO 13246:2012 AND UV STABILISED AGAINST SOLAR DEGRADATION, MBL 4400g/kg.
3. MATTFRESS LIFT SAFETY RATIO = 8:1 (LIFTING ON 6M SIDES USING 8m LT FIFT POINTS PER SIDE).
4. CONCRETE LAW BS 8500-1-2005 & BS 8500-2:2015.
5. CONCRETE DENSITY TO BE NORMAL WEIGHT - 2400kg/m<sup>3</sup> APPROXIMATELY.
6. MATTFRESS WEIGHT IN AIR = 830kg/5 APPROXIMATELY
7. MATTFRESS WEIGHT IN WATER = 4775kg/5 APPROXIMATELY
8. CORNER BLOCKS AND CENTRE LINE END BLOCKS TO BE PAINTED YELLOW.