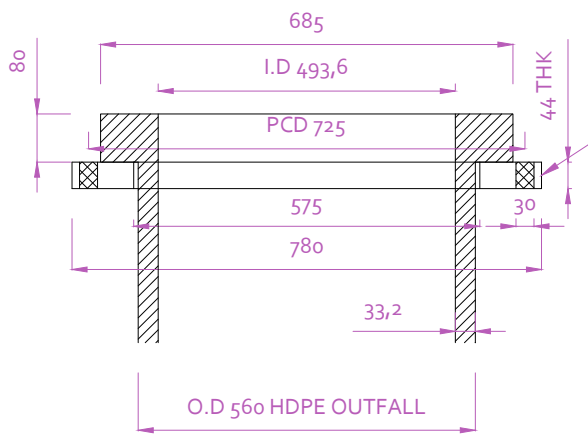
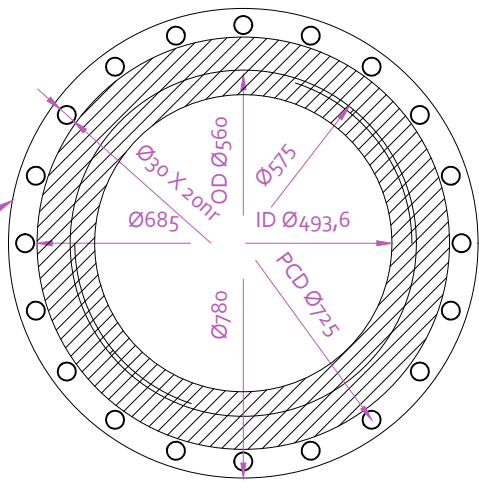
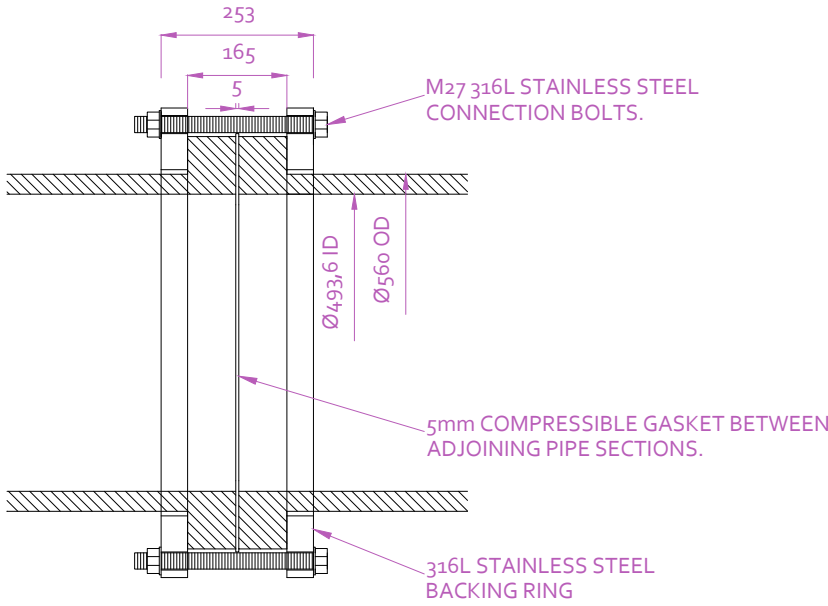




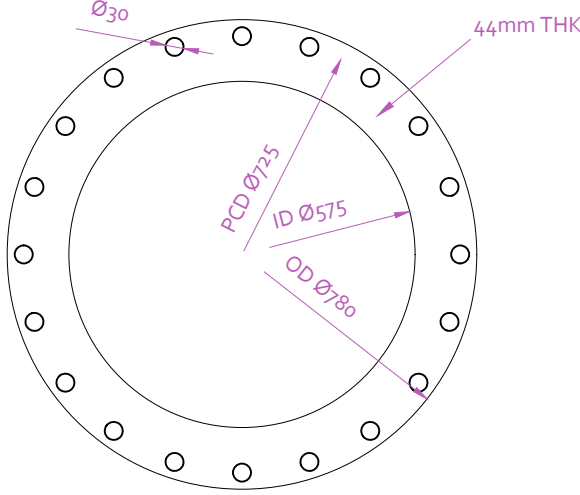
OUTFALL STUB END DETAIL- 560mm OD HDPE



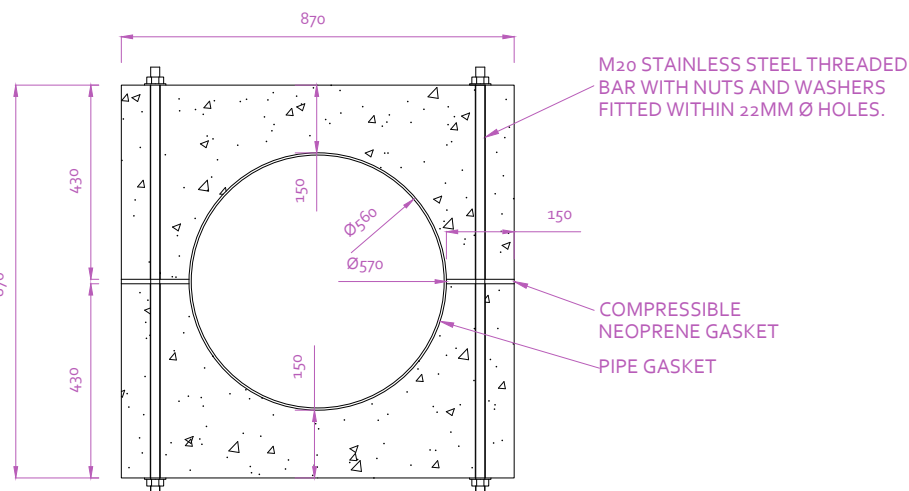
OUTFALL STUB END DETAIL-560mm OD HDPE



OUTFALL STUB ENDS CONNECTION DETAIL- 560mm OD HDPE

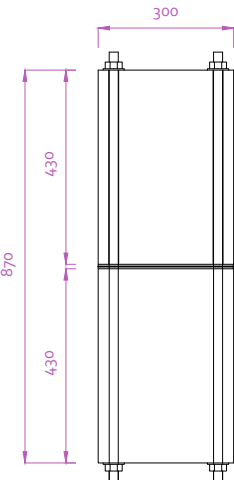


316L STAINLESS STEEL BACKING RING DETAIL- 560mm OD HDPE



CONCRETE BALLAST COLLAR DETAILS

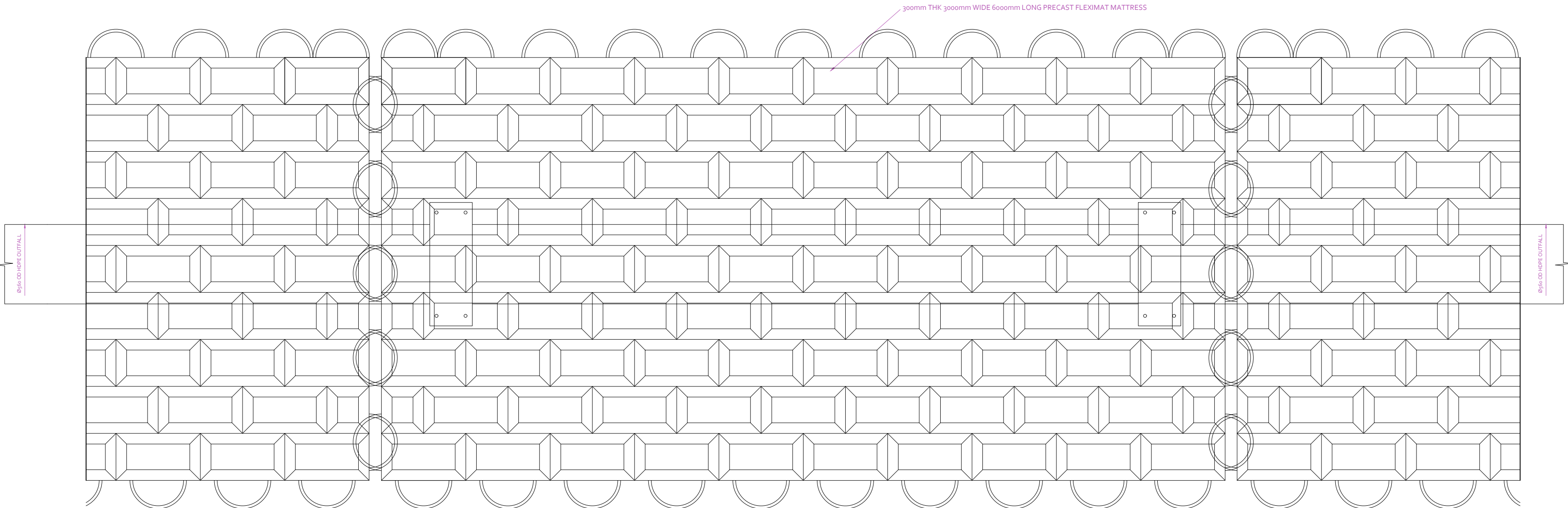
Pre-Cast Concrete Ballast Collar Details	
Width & Breadth	0.9m W x (2x0.43m H)
Length	0.3m
Volume	0.14961 m ³
Weight (@ 2.4t/m ³)	0.359 T (Approx)- air
Weight (@ 2.4t/m ³)	0.206 T- Submerged
To suit pipe Ø	0.56m OD
To suit pipe Ø	0.56m OD



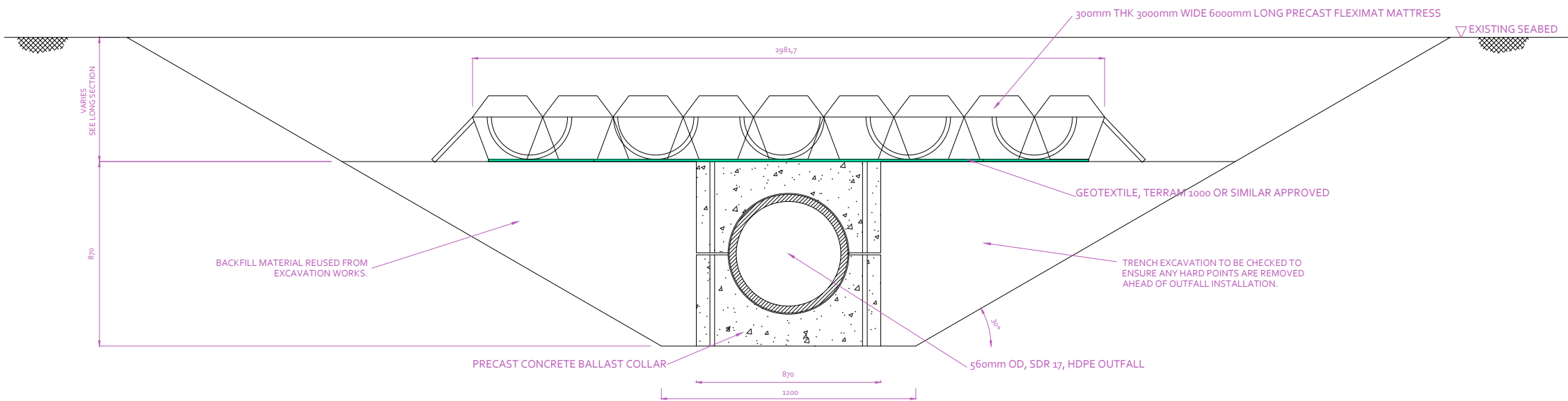
CONCRETE BALLAST COLLAR DETAILS



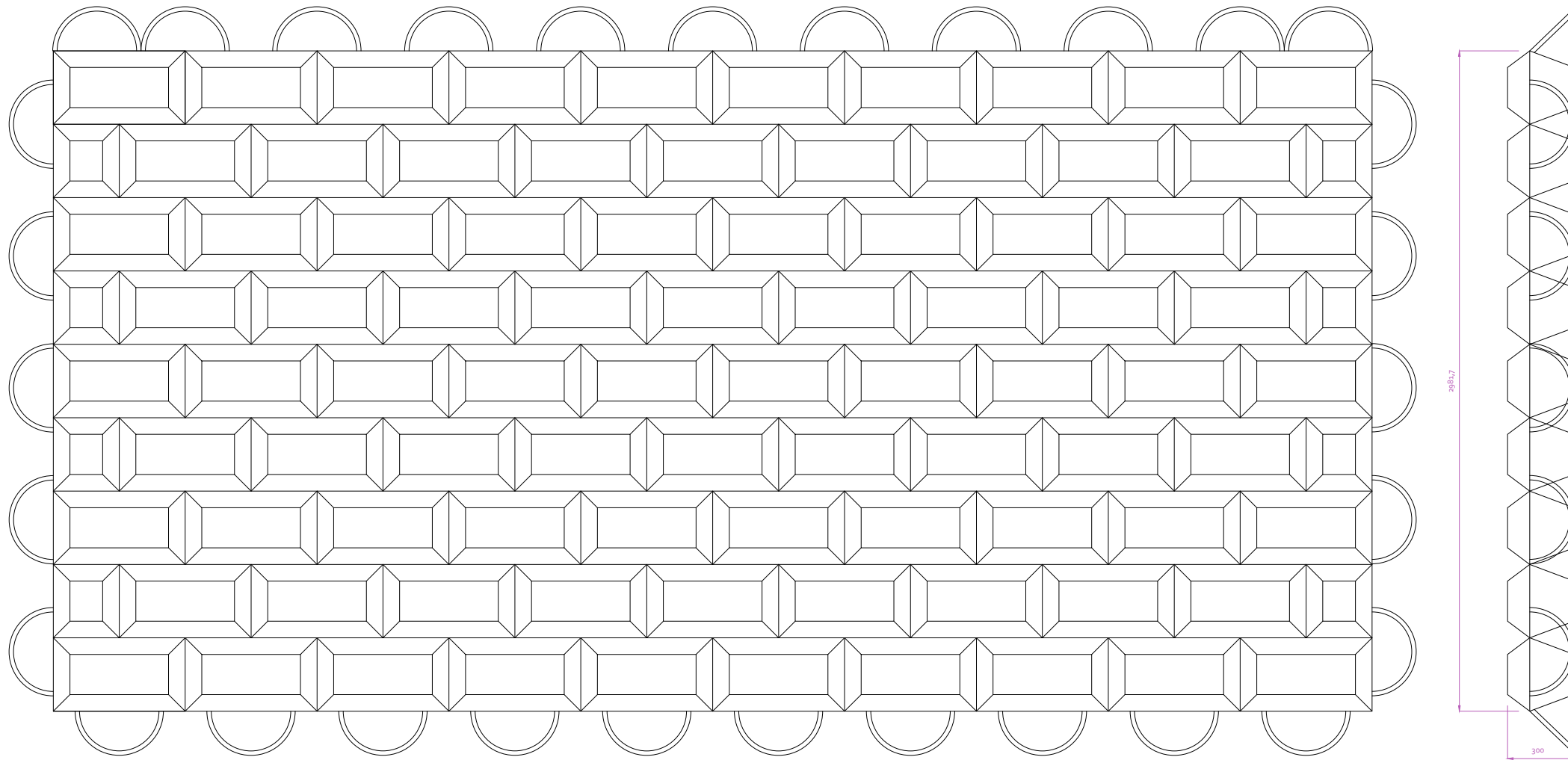
CONCRETE BALLAST COLLAR DETAILS



INSTALLED PIPE SECTION



TYPICAL TRENCH PROFILE- SEABED



PROPOSED 3m x 6m PRECAST FLEXI MATTRESS DETAIL

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.

2M WIDE X 6M LONG FLEXIMAT

- ALL DIMENSIONS ARE IN mm.
- ROPE TO BE 18mm Ø POLYPROPYLENE COMPLYING WITH EN.ISO.13246:2012 AND UV STABILISED AGAINST SOLAR DEGRADATION, MBL 4400kgs.
- MATTRESS LIFT SAFETY RATIO:- 8.4: 1 (LIFTING ON 6M SIDES USING 8no LIFT POINTS PER SIDE).
- CONCRETE IAW BS 8500-1-2015 & BS 8500-2-2015.
- CONCRETE DENSITY TO BE NORMAL WEIGHT - 2400kgs/m³ APPROXIMATELY.
- MATTRESS WEIGHT IN AIR = 8330kgs APPROXIMATELY
- MATTRESS WEIGHT IN WATER = 4775kgs APPROXIMATELY
- CORNER BLOCKS AND CENTRE LINE END BLOCKS TO BE PAINTED YELLOW.

Rev	Date	By	Rev Description

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:

09/03/22

Scale:

DO NOT SCALE



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