

M20 TURNBUCKLE

GENERAL DRAWING NOTES

SPECIFICATION INFORMATION

Openings sized to suit outer dimension of pipe.
 Invert level of pipe can be set to your specification

PRECAST UNIT INSTALLATION
Units should be bedded on minimum 100mm thick layer GEN1 concrete base to ensure units are level and stable.

- Weight of concrete is based on 2.4 tonne/m³, +5% is recommended for sizing appropriate lifting equipment.
 Unit to be lifted as per drawing / available lifting guide.
- Digest 1, Table F2.

- Reinforcing Wire structure to be machine tied with steel wire

- MANUFACTURE

 A. Manufacture to BS EN 15258:2008 precast concrete products retaining wall elements, factory production control certificate 0086-CPR-650448 & BS EN 13369.
- Tolerances to BS EN 13369 clause 4.3.1.1. Surface Finishing:

	Тор	Sides	Rear	Rear of Backwall
;	A	A	A	Self-Levelled

- Job reference number & unique product number
- DESIGN
 A. Concrete structure designed to Eurocode 2.
 B. JKH have designed concrete units only, the site conditions should be assessed for suitability by the scheme designer.

- Design Life as table below * (all cover sizes in mm).

Minimum	Block Size	Min Size	Max Size	Block Size	Min Size	Max Size
Cover for	Cover	Cover	Cover	Cover	Cover	Cover
All Faces	33	28	38	55	50	63

Exposure	Exposure induced	Corrosion induced	Freeze/thaw	Chemical
Class	by Carbonation	by Chloride	attack	attack
All Faces	XC3/4	XD3	XF4	

- All fillet & butt welds to have minimum throat thickness of 6mm and joints fully welded where possible.

 Ensure vertical flats fully welded both sides where possible.
- All sharp edges and burrs are to be removed.
- Remove all weld splatter.

 Holes by punching are permitted with reaming.

 Galvanising process after fabrication to BS EN ISO1461.

D400 CLASS LOADING SPECIFICATION

- Unit designed to D400 class loading specification for heavy duty site applications (400kN / 40 ton load rating). Design limitations in place to meet D400 specification as following; Secondary side hole diameter is limited to maximum of 50% size of primary side hole diameter, as indicated on drawing.
- C Unit must be installed between the specified cover depth range detailed as follows, with the top of the cover slab set



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V CHAMBER 225mm WALL THICKNESS. 1500x1500x3000mm +PCC COVER SLAB D400 CLASS LOADING SPECIFICATION STANDARD & OPTIONAL FEATURES

CONCRETE MIX DESIGN, NAME / CODE #:	ECO1	/	DS4
CONCRETE CO2 EMISSION (ESTIMATE) kg:	-		

WEIGHT BREAKDOWN BY TYPE - All FIGURES IN kg UNITS:

			0	0
CHA	MBER, I	MULTIPLE-PIE	0	
F1:	6575	0	0	0
B1:	6575	0	0	0
C1:	2495	0	0	0
	0	0	0	0
	0	0	0	0
TOE	BEAM:	0	0	TOTAL WEIGHT: 15645

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V.CHA-225-1500X1500X3000