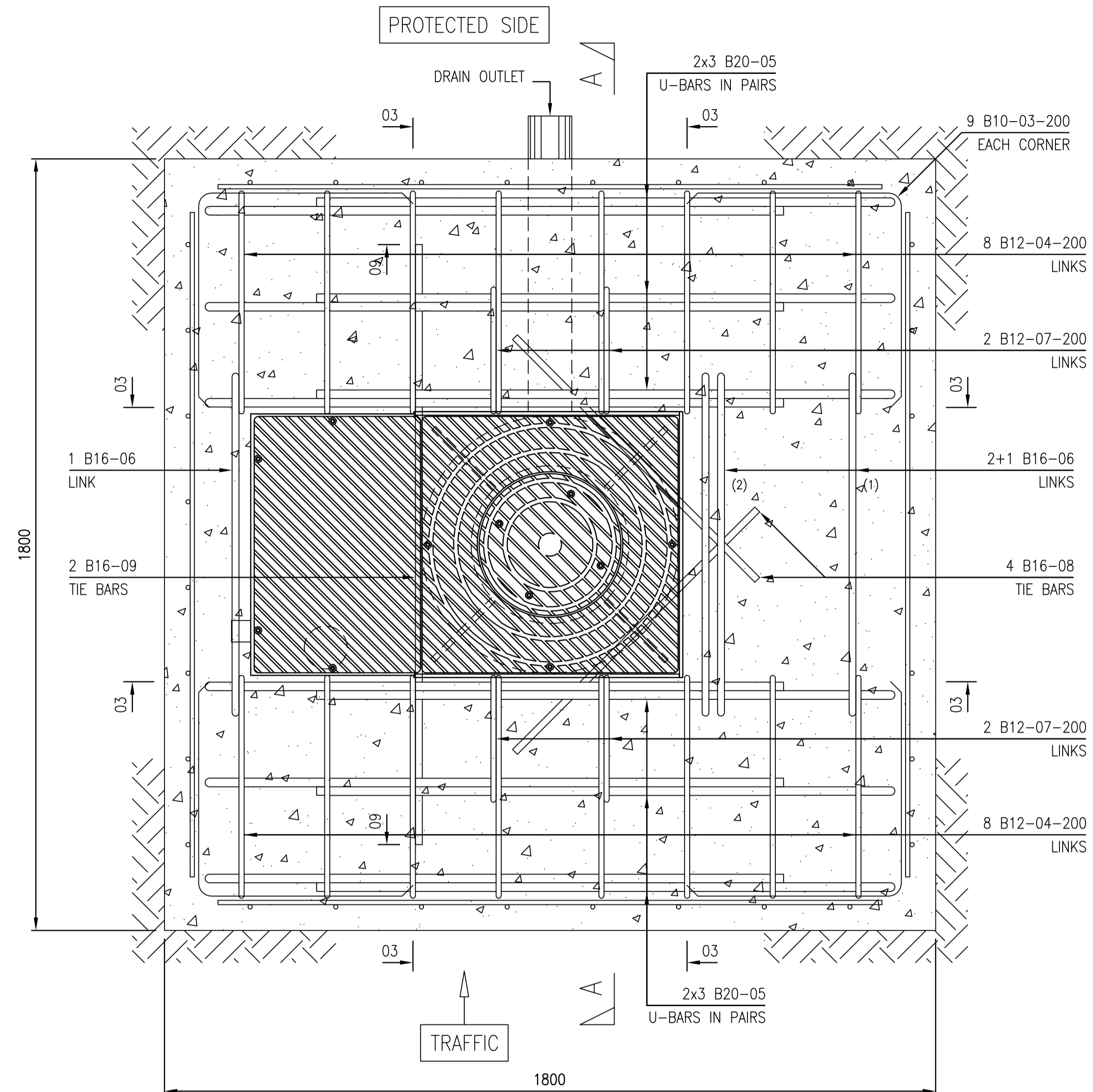
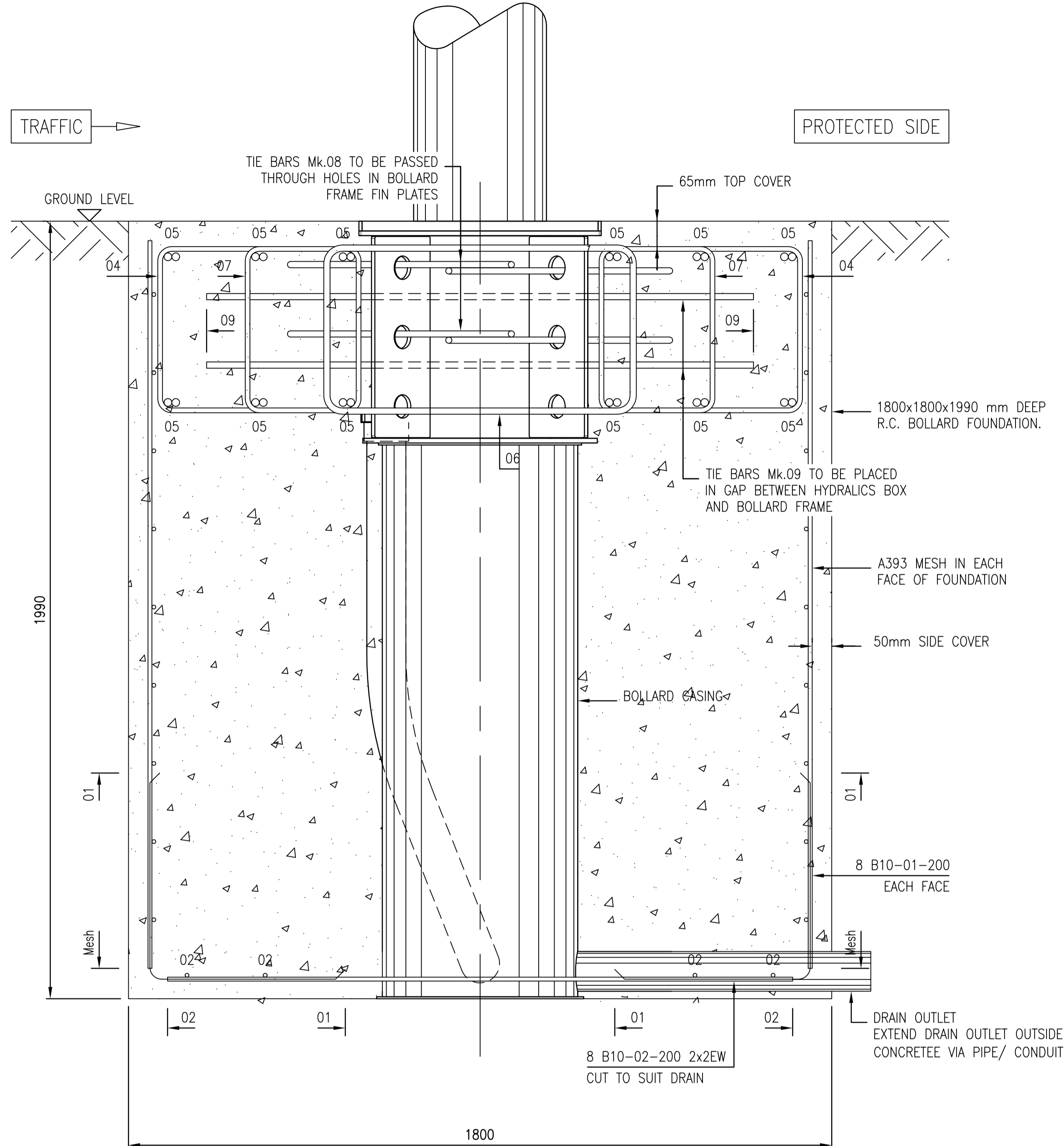


155	MODIFICATIONS	DWN	CHK	APPD	DATE
A	RELEASE OF DRAWING OF MFD FOUNDATION	XXX	XXX	XXX	00-00-00



**RISING BOLLARD FOUNDATION PLAN**  
SCALE 1:10

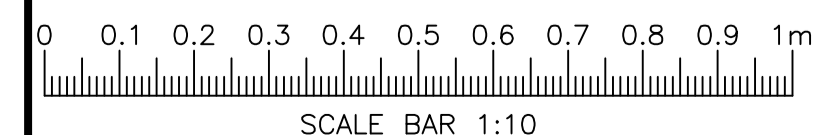


**FOUNDATION SECTION A-A**  
SCALE 1:10

- NOTES:
- DO NOT SCALE DRAWING. USE FIGURED DIMENSIONS AND LEVELS ONLY. ALL SIZES ARE IN MILLIMETRES.
  - THE CONTRACTOR IS TO VERIFY DIMENSIONS AND LEVELS ON SITE PRIOR TO STARTING WORK. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE CONSTRUCTION.
  - ALL SPECIFIED MATERIALS SHALL BE USED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
  - NOMINATION OF PROPRIETARY ITEMS DOES NOT INDICATE EXCLUSIVE PREFERENCE BUT THE REQUIRED PROPERTIES AND PERFORMANCE OF THE ITEM. SIMILAR ALTERNATIVES HAVING THE EQUIVALENT PROPERTIES MAY BE USED.
- CONCRETE**
- ALL CONCRETE TO BE IN ACCORDANCE WITH BS 8500, MIXES TO BE:
    - BLINDING AND SOFT SPOTS - GEN 1
    - REINFORCED CONCRETE - RC 32/40, DC-3
  - ALL MATERIAL AND WORKMANSHIP TO BE IN ACCORDANCE WITH RECOMMENDATIONS OF BS EN 1992 EUROCODE 2.
  - MINIMUM LAP: BAR REINFORCEMENT:
    - C20# = 1000mm
  - REINFORCEMENT IS LISTED ON BAR BENDING SCHEDULE ON DRAWING
  - FOUNDATION REINFORCEMENT CAGE TO BE WIRE TIED NOT WELDED TO ENABLE REINFORCEMENT TO BE ADJUSTED ON SITE IF REQUIRED.
  - MINIMUM COVER TO REINFORCEMENT CAST AGAINST:-
    - FORMWORK OR TOP SURFACE 50mm UNO
    - BLINDING - 50mm
    - EARTH FACE - 75mm (INCREASE SIZE OF FOUNDATION)
    - BOLLARD STRUCTURE - 25mm
  - COVER TO BE MAINTAINED BY THE USE OF PROPRIETY COVER SPACERS, BROKEN PAVING SLABS, BRICKS ETC. ARE NOT PERMITTED.
  - TOP SURFACE TO BE STEEL FLOAT FINISHED

Member	Bar mark	Type and size	No. of mbrs	No. of bars in each	Total No.	Length of each bar # mm	Shape code		A*	B*	C*	D*	E/R*	Rev letter
							UNI ES ISO 3766:2005	BS 8666:2005						
Foundation	01	B10	1	32	32	1000	11	11	500	500				
	02	B10	1	8	8	1600	00	00	1600					
	03	B10	1	36	36	1000	11	11	500	500				
	04	B12	1	16	16	2600	63	63	425	520				
	05	B20	1	12	12	3000	21	21	1350	390	1350			
	06	B16	1	4	4	3500	63	63	435	800				
	07	B12	1	4	4	1925	63	63	425	300				
	08	B16	1	4	4	800	00	00	800					
	09	B16	1	2	2	1400	00	00	1400					

This schedule complies with BS 8666:2005  
\* Specified in multiples of 5mm # Specified in multiples of 25mm.



SCALE BAR 1:10

DO NOT SCALE

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DRAWN IN ACCORDANCE WITH BS 8888 DATE

WEIGHT	DRAWN	XXX	00-00-00
SCALE	CHECKED	XXX	00-00-00
MATL.	APPROVED	XXX	00-00-00

THIRD ANGLE PROJECTION A1

ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED

**MIRA**

TITLE  
**RISING BOLLARD FOUNDATION**

PROJECT PART No. ISSUE  
1202164-CP-07-01 1

SHEET No. 1 OF 2

ISS	MODIFICATIONS	DWN	CHK	APPD	DATE
A	RELEASE OF DRAWING OF MFD FOUNDATION	XXX	XXX	XXX	00-00-00

A  
B  
C  
D  
E  
F  
G  
H  
J  
K  
L  
M  
N  
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U  
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X  
Y  
Z

1

2

3

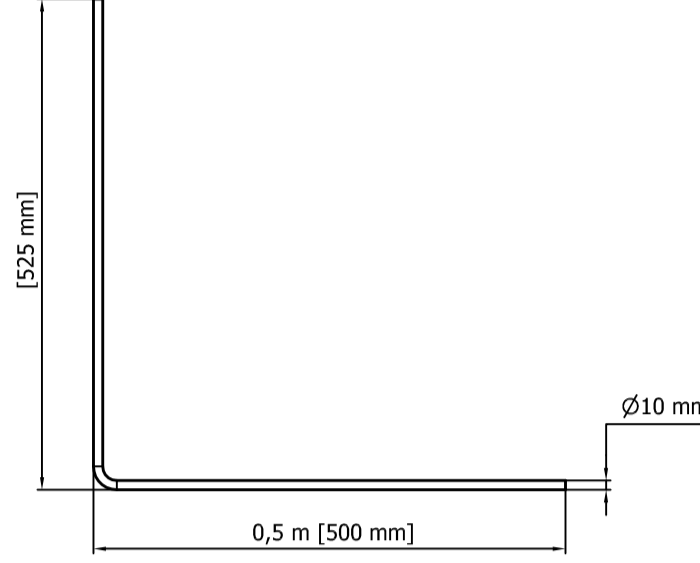
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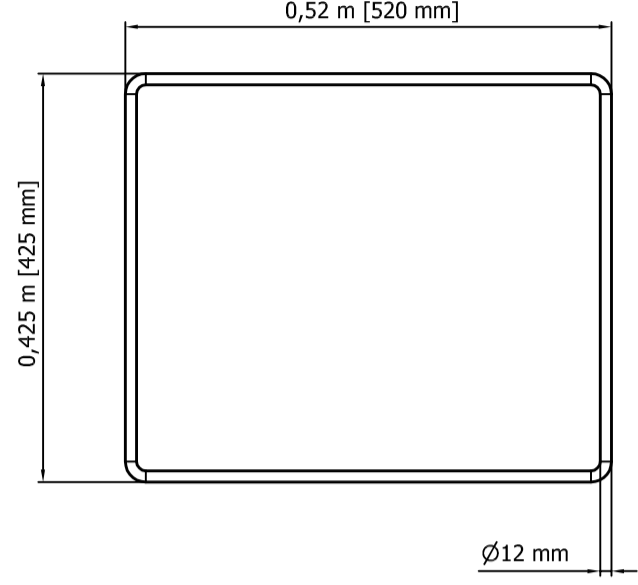
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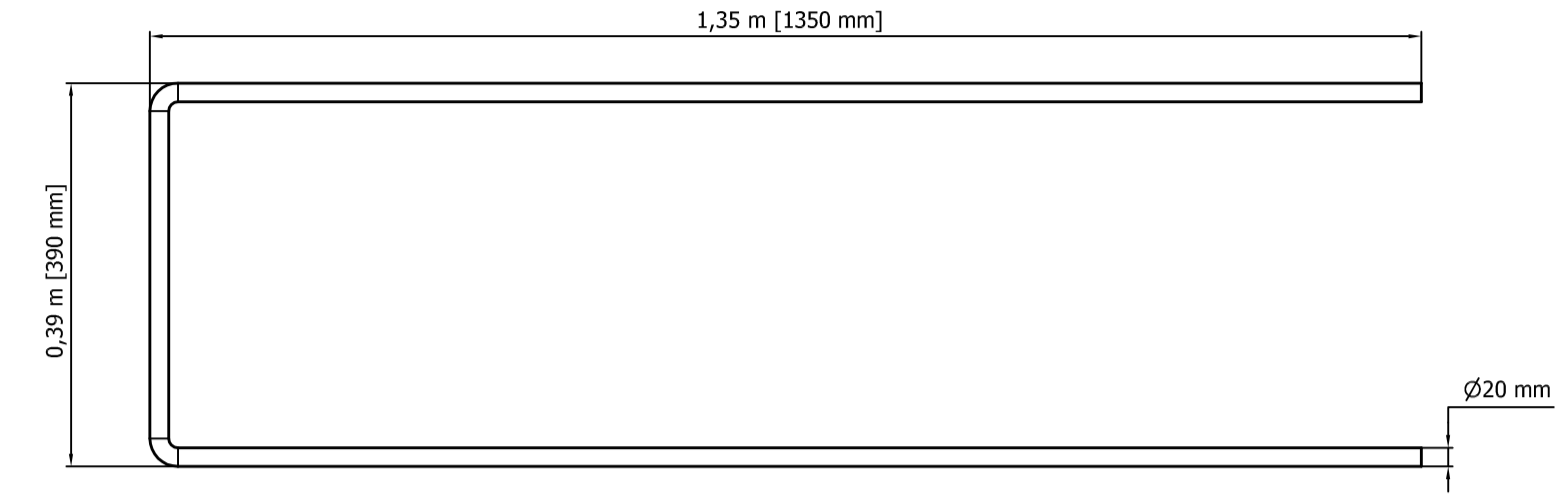
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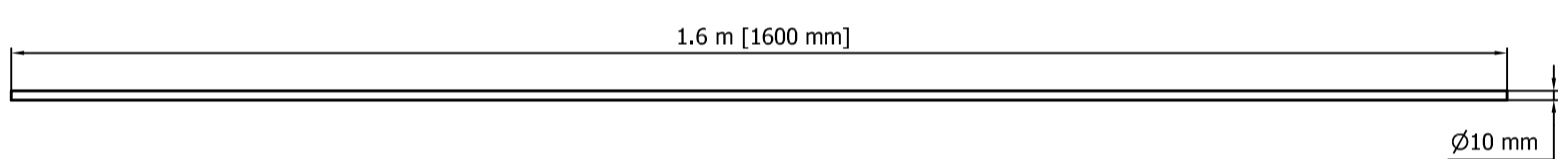
BAR 01  
SHAPE CODE 11



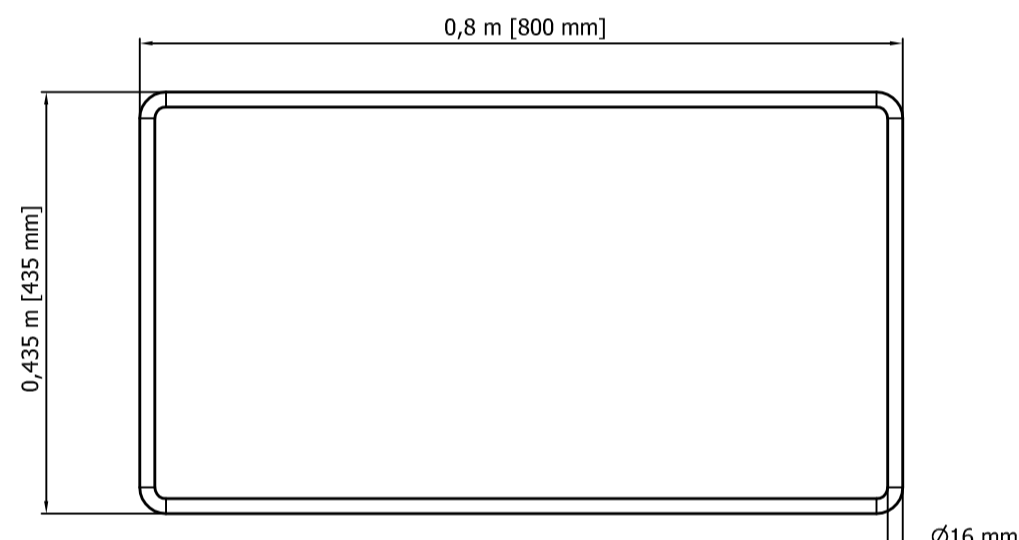
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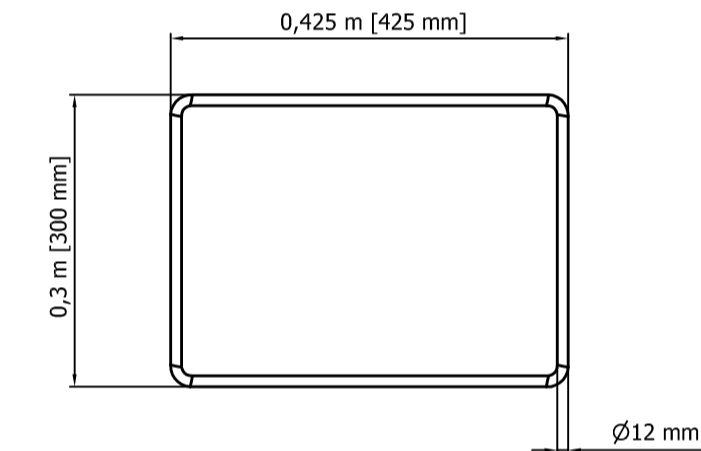
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SHAPE CODE 21



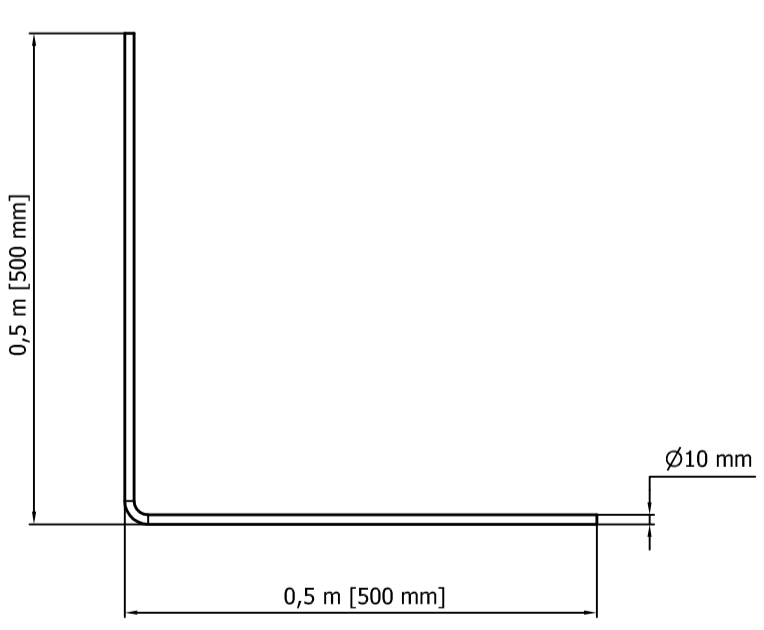
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SHAPE CODE 00



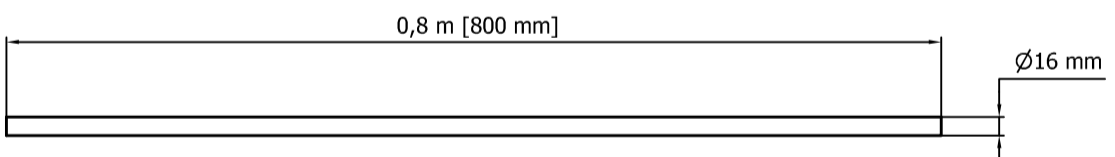
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SHAPE CODE 63



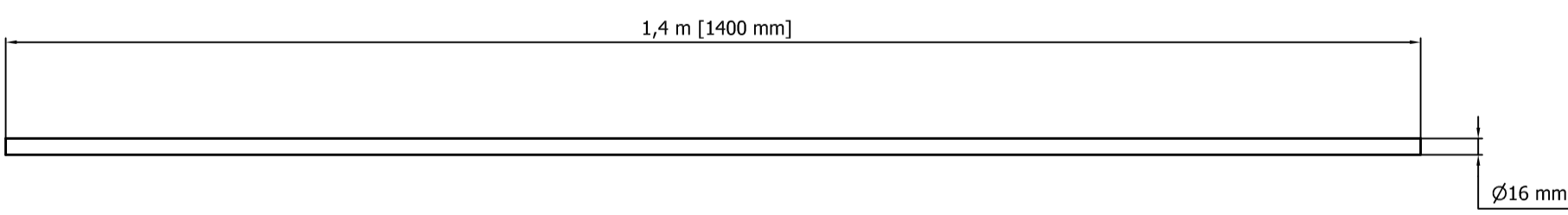
BAR 07  
SHAPE CODE 63



BAR 03  
SHAPE CODE 11



BAR 08  
SHAPE CODE 00



BAR 09  
SHAPE CODE 00

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DRAWN IN ACCORDANCE WITH BS 8888 DATE

WEIGHT	DRAWN	CHK	DATE
SCALE	1:10	CHECKED	XXX 00-00-00
MATL.		APPROVED	XXX 00-00-00

THIRD ANGLE PROJECTION A1

ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED

TITLE  
RISING BOLLARD  
FOUNDATION

PROJECT	PART No.	ISSUE
1202164-CP-07-01		1

