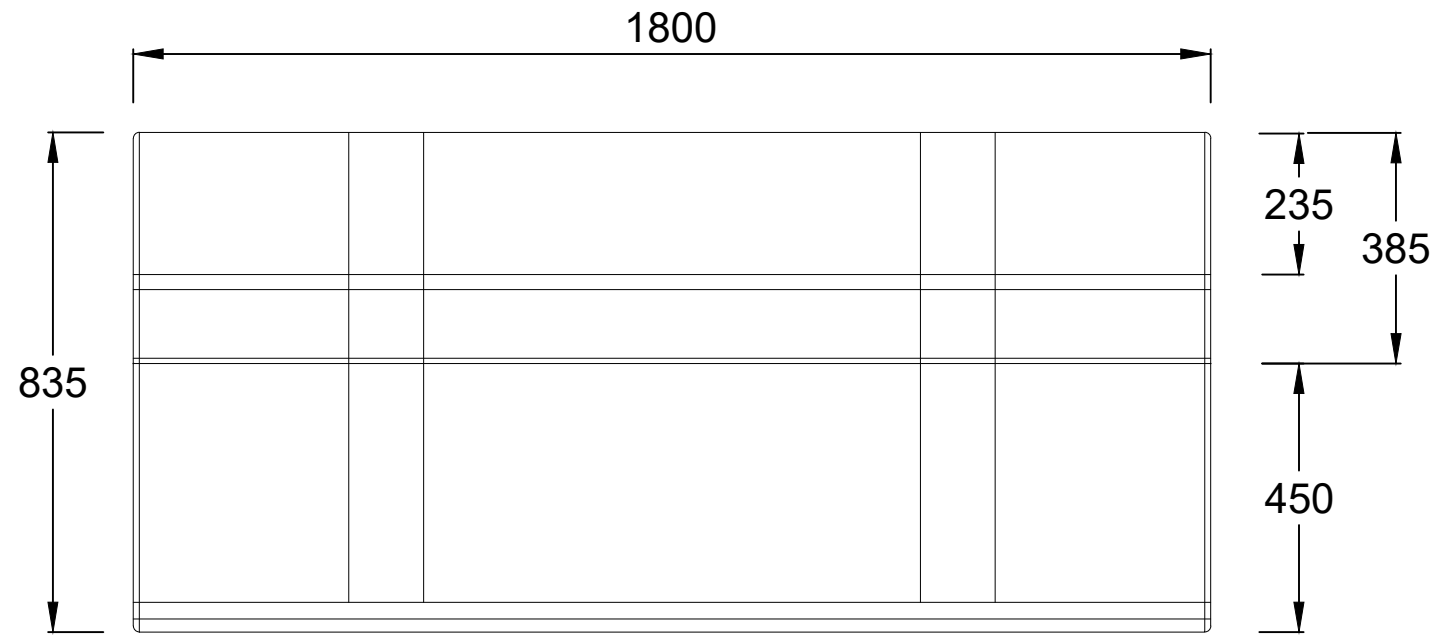
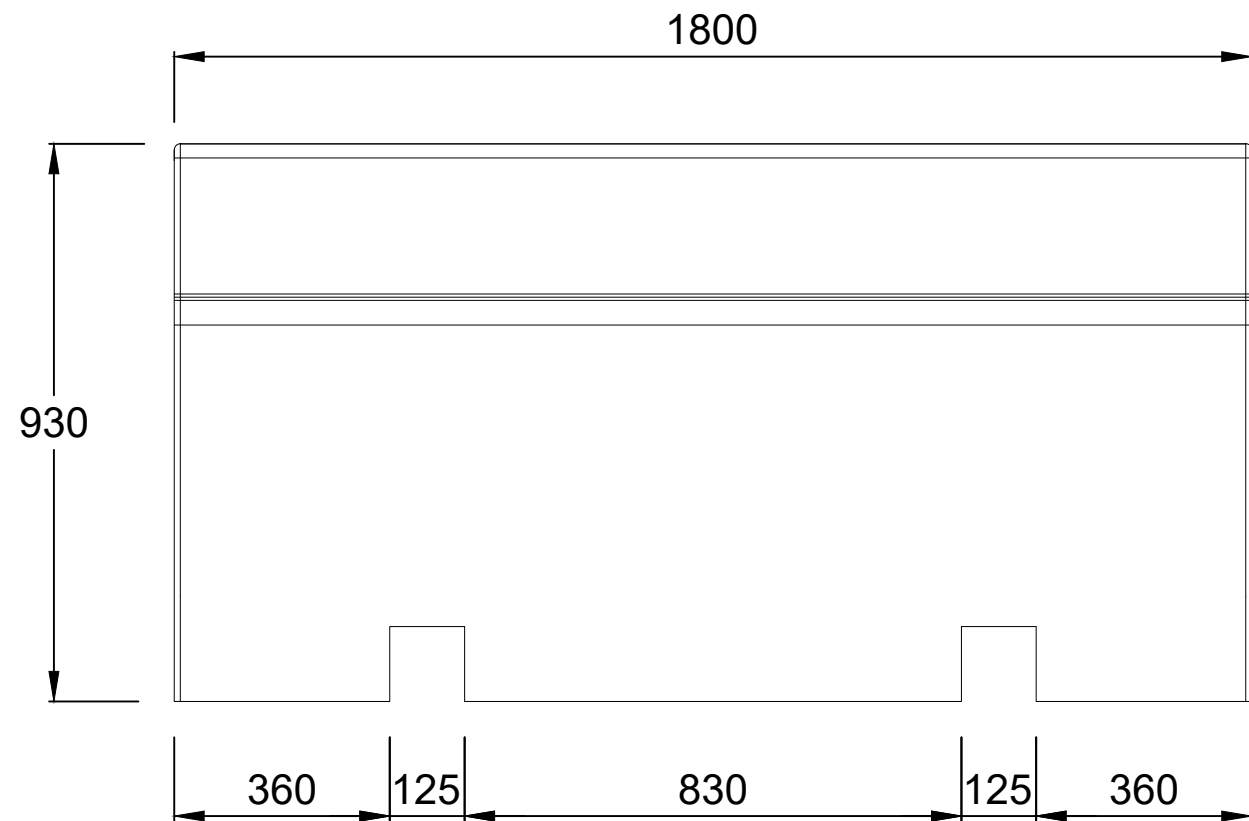


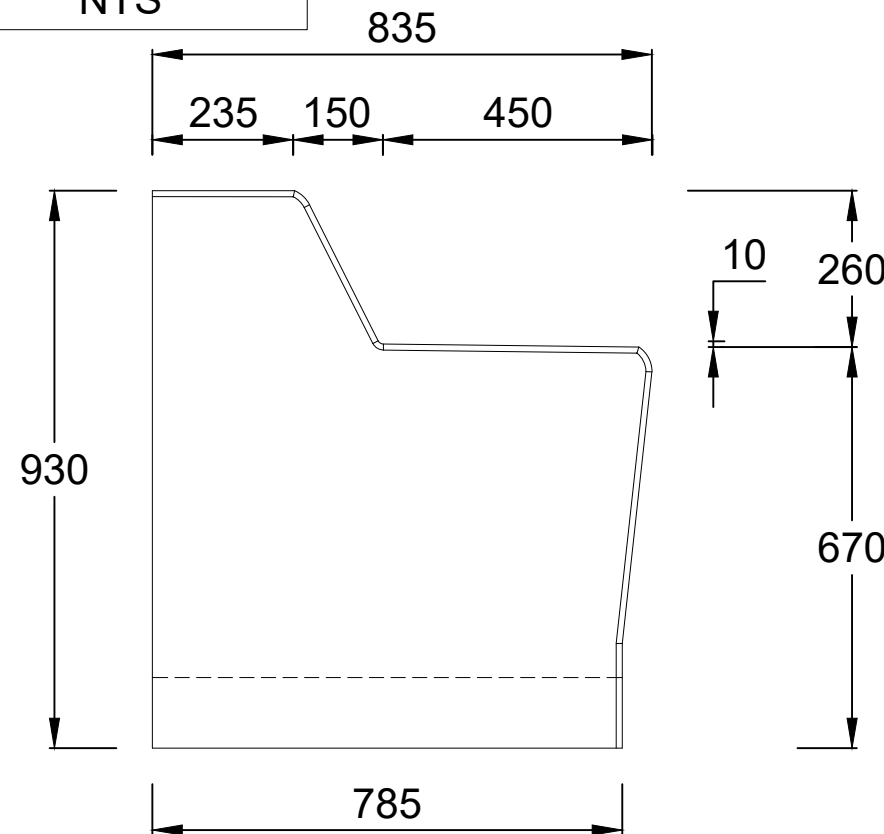
Top View
NTS



Front View
NTS



Side View
NTS



1. **Design**
 - a) Concrete Bench design to BS EN 1992-1-1:2004.
2. **Concrete**
 - a) Concrete strength at transfer = C32/40
 - b) Concrete strength at 28 days = C50/60
 - c) Other: Min Cement content: 360kg/m³ Max W/C = 0.45
3. **Reinforcement cage and/or Prestressing Strand**
 - a) Steel Grade = 500B or C to BS 4449
 - b) Steel Scheduling, dimensioning, bending & cutting of steel to BS 8666
4. **Durability**
 - a) Design Life: 100 Years.
5. **Handling**
 - a) Unit Volume / Weight

Unit Ref	Volume (m ³)	Weight (T)	Weight + 5% (T)
1800x930x 835	1.10	2.75	2.89

Weight is based on 2.5 T/m³. +10% is recommended for sizing lifting equipment.
6. **Manufacture**
 - a) Manufactured to BS 8110.
7. **Tolerances**
 - a) Length ±6mm
 - b) Width ±5mm
 - c) Thickness -2mm to +5mm
 - d) Squareness ±5mm 10mm difference
8. **Finish**

As per samples.

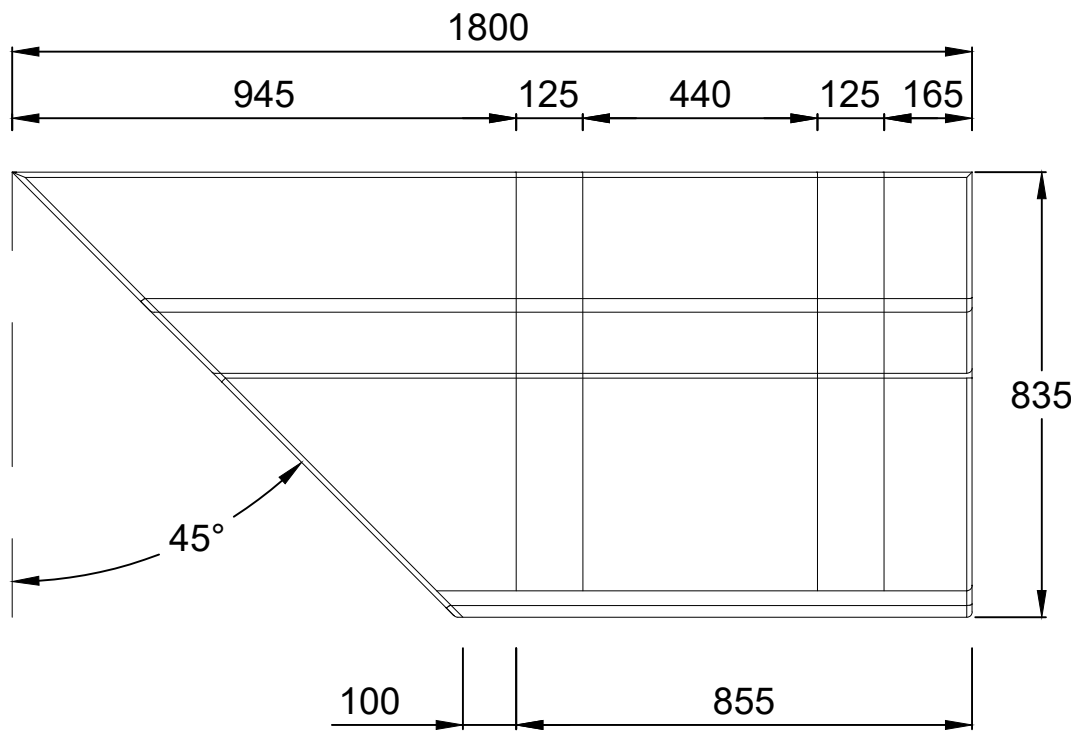
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First Issue	JM	FM	24/02/2021
Revision/Description	Drawn	Checked	Date
Title, Supplementary title			
Concrete Street Furniture Standard			
Identification number	Created by		
	JM		
Document type	Technical reference		
Information use	FM		
Document Status	Approved by		
In Preparation	TM		

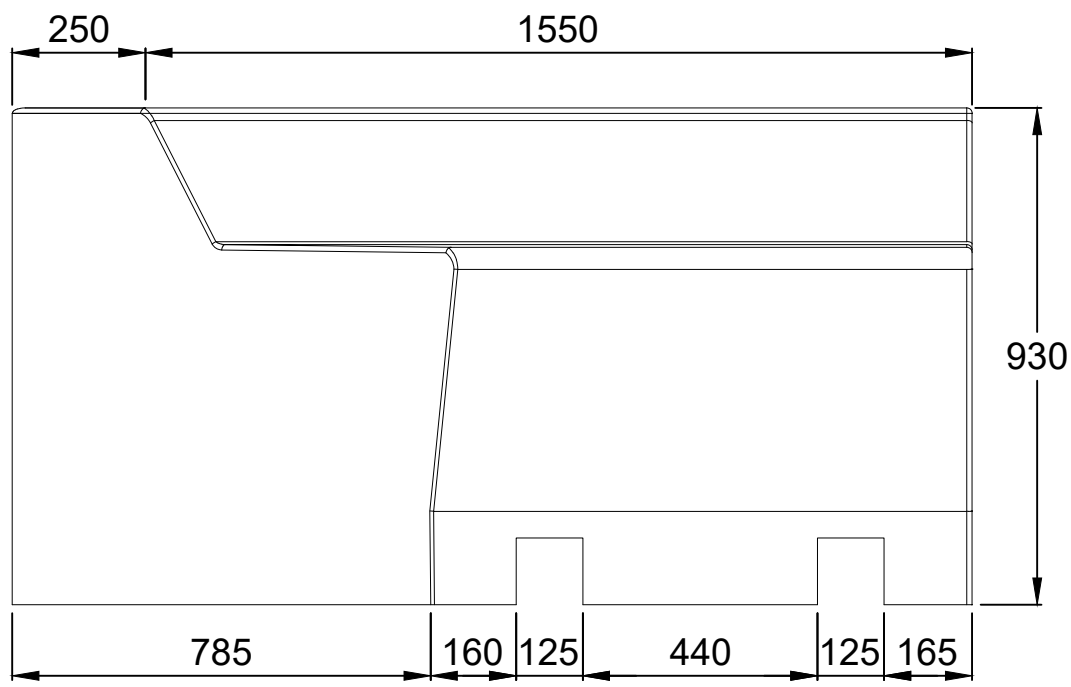


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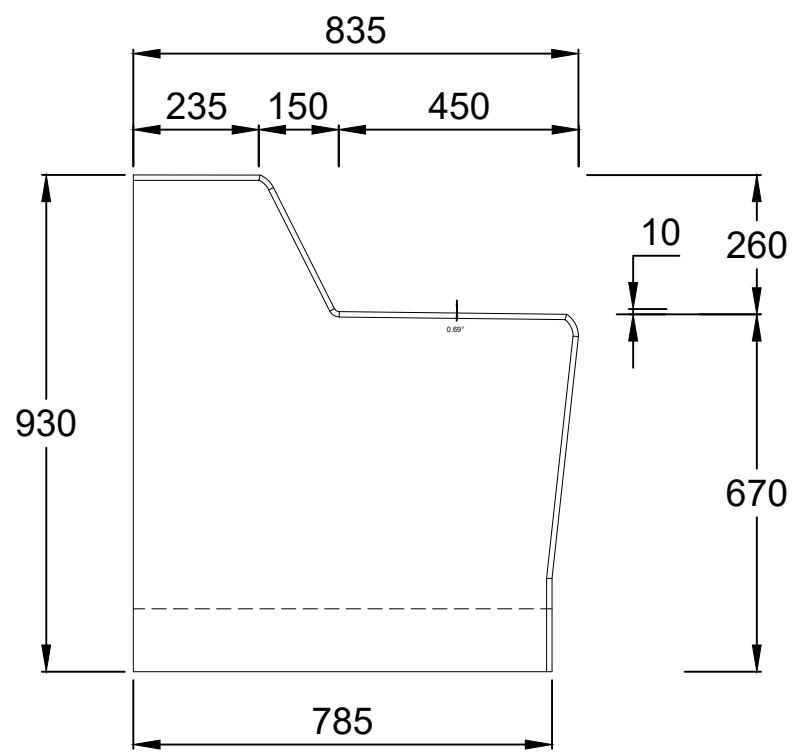
Top View
NTS



Front View
NTS



Side View
NTS



1. **Design**
 - a) Concrete Bench design to BS EN 1992-1-1:2004.
2. **Concrete**
 - a) Concrete strength at transfer = C32/40
 - b) Concrete strength at 28 days = C50/60
 - c) Other: Min Cement content: 360kg/m³ Max W/C = 0.45
3. **Reinforcement cage and/or Prestressing Strand**
 - a) Steel Grade = 500B or C to BS 4449
 - b) Steel Scheduling, dimensioning, bending & cutting of steel to BS 8666
4. **Durability**
 - a) Design Life: 100 Years.
5. **Handling**
 - a) Unit Volume / Weight

Unit Ref	Volume (m ³)	Weight (T)	Weight + 5% (T)
1800x930x835	0.87	2.175	2.28

Weight is based on 2.5 T/m³. +10% is recommended for sizing lifting equipment.

6. **Manufacture**
 - a) Manufactured to BS 8110.
7. **Tolerances**
 - a) Length ±6mm
 - b) Width ±5mm
 - c) Thickness -2mm to +5mm
 - d) Squareness ±5mm 10mm difference
8. **Finish**

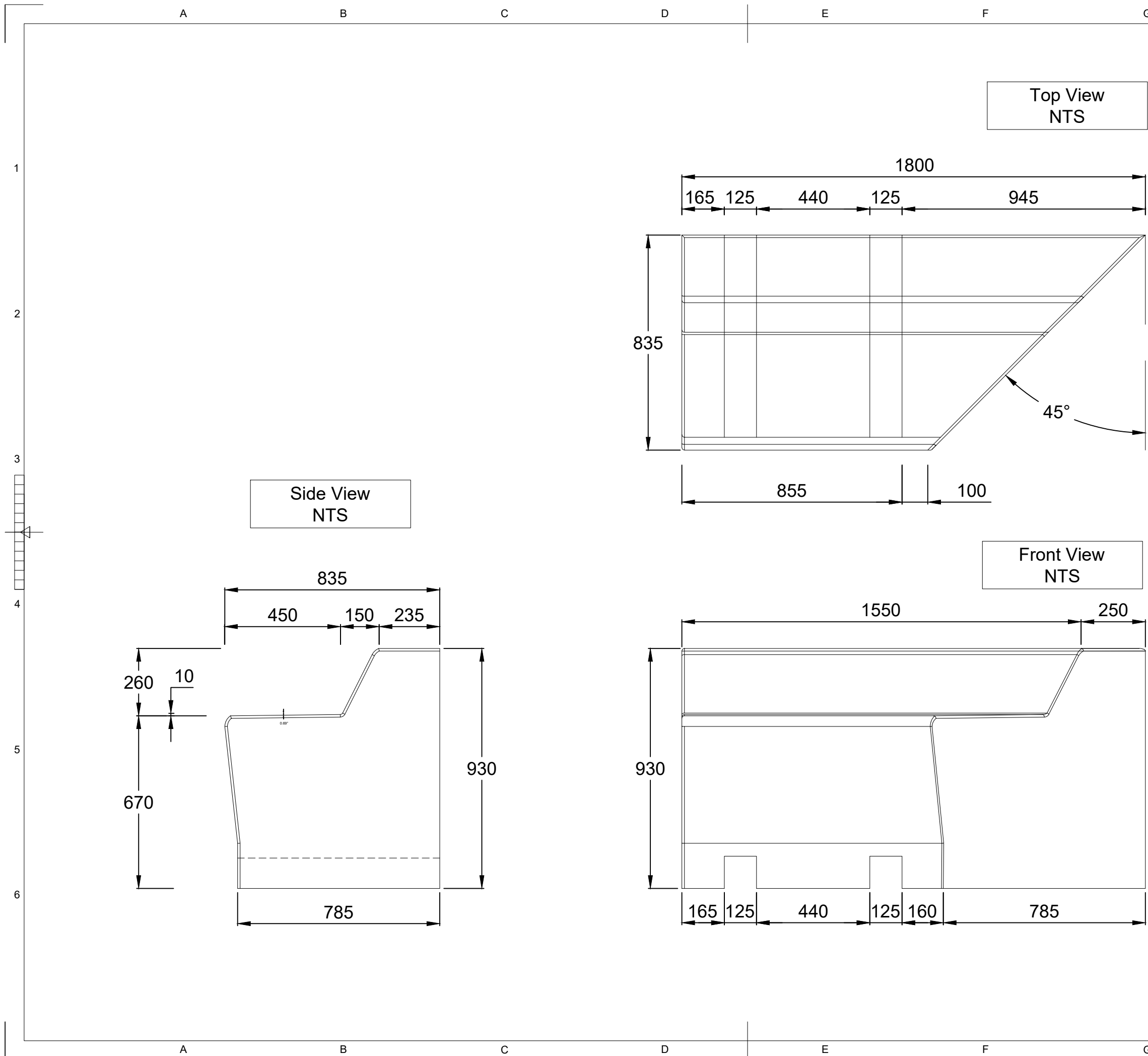
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First Issue	JM	FM	11/02/2021
Revision/Description	Drawn	Checked	Date
Title, Supplementary title			
Concrete Street Furniture Left Corner			
Identification number	Created by		
	JM		
Document type	Technical reference		
Information use	FM		
Document Status	Approved by		
In Preparation	TM		

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Plot Date	Paper size	Revision	Sheet
11/02/2021	A3	P01	1/1



1. **Design**
 - a) Concrete Bench design to BS EN 1992-1-1:2004.
2. **Concrete**
 - a) Concrete strength at transfer = C32/40
 - b) Concrete strength at 28 days = C50/60
 - c) Other: Min Cement content: 360kg/m³ Max W/C = 0.45
3. **Reinforcement cage and/or Prestressing Strand**
 - a) Steel Grade = 500B or C to BS 4449
 - b) Steel Scheduling, dimensioning, bending & cutting of steel to BS 8666
4. **Durability**
 - a) Design Life: 100 Years.
5. **Handling**
 - a) Unit Volume / Weight

Unit Ref	Volume (m ³)	Weight (T)	Weight + 5% (T)
1800x930x835	0.87	2.175	2.28


Weight is based on 2.5 T/m³. +10% is recommended for sizing lifting equipment.

6. **Manufacture**
 - a) Manufactured to BS 8110.
7. **Tolerances**
 - a) Length ±6mm
 - b) Width ±5mm
 - c) Thickness -2mm to +5mm
 - d) Squareness ±5mm 10mm difference
8. **Finish**

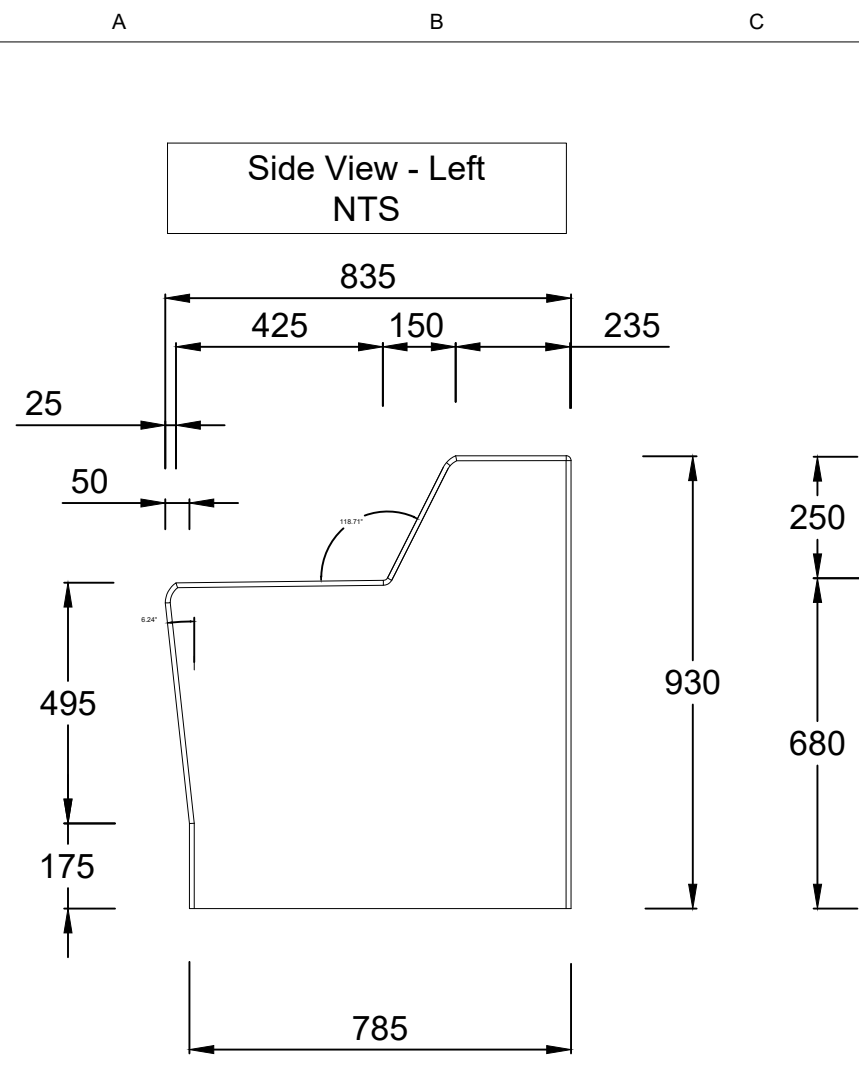
As per samples.

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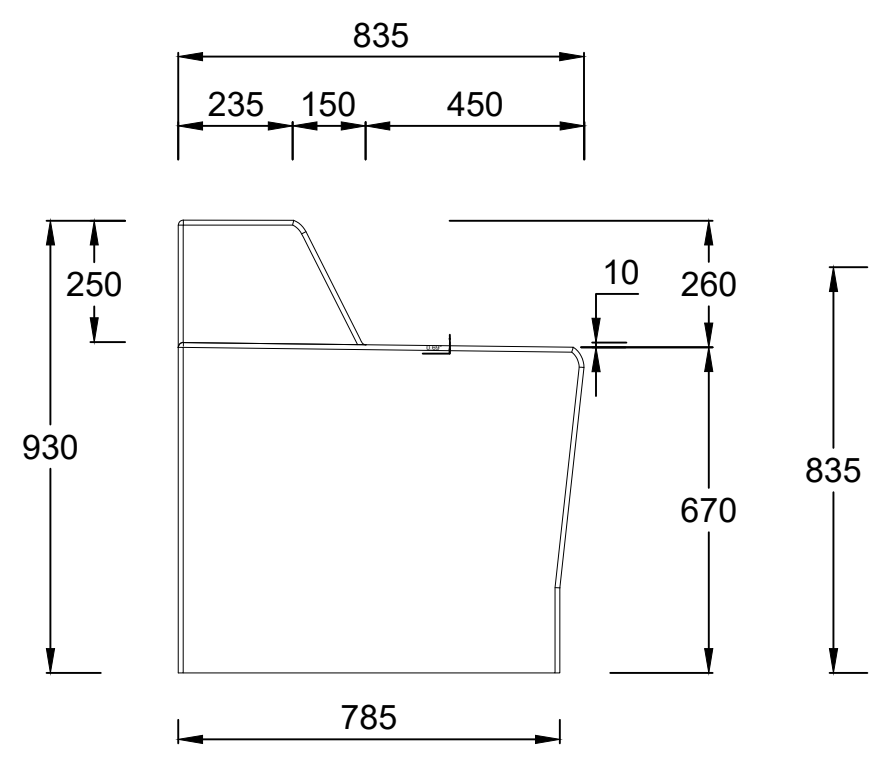
First Issue	JM	FM	11/02/2021
Revision/Description	Drawn	Checked	Date
Title, Supplementary title			
Concrete Street Furniture Right Corner			
Identification number	Created by		
	JM		
Document type	Technical reference		
Information use	FM		
Document Status	Approved by		
In Preparation	TM		


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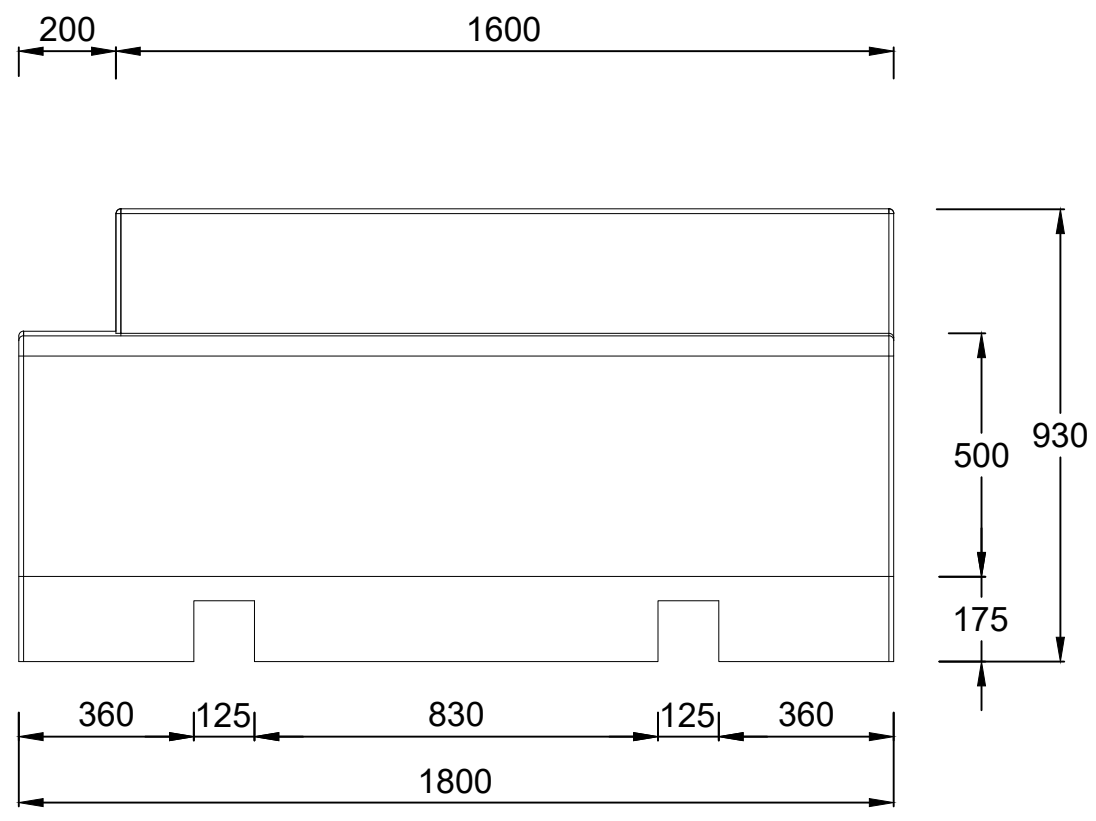
Plot Date	Paper size	Revision	Sheet
11/02/2021	A3	P01	1/1



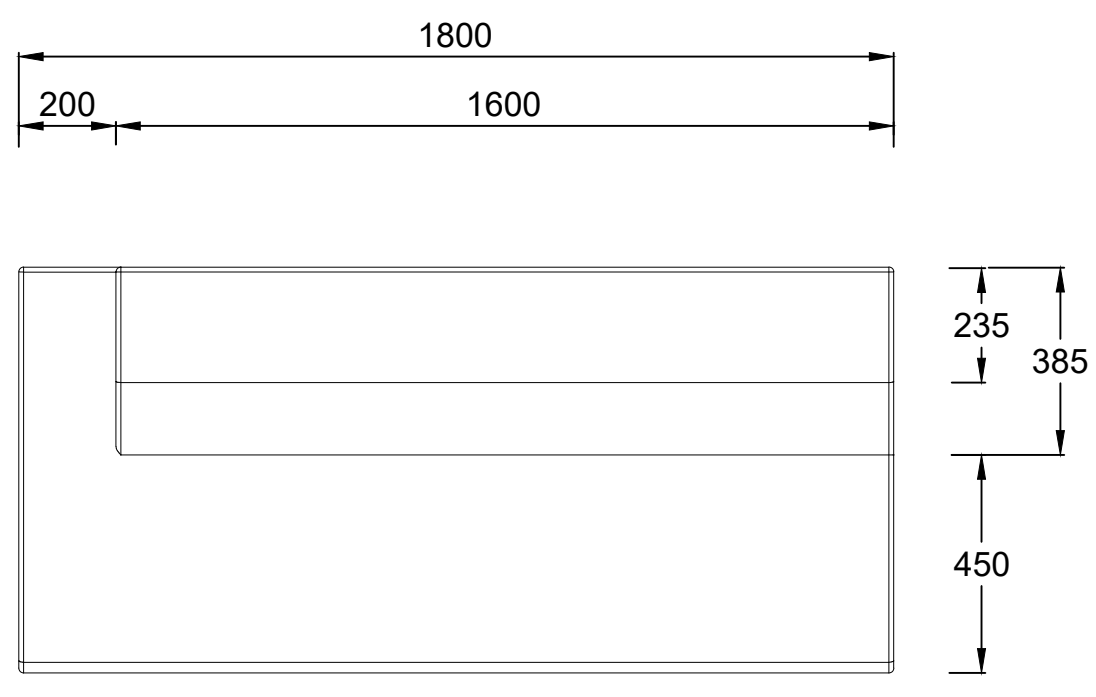
Side View - Right NTS



Front View NTS



Top View NTS



1. **Design**
 - a) Concrete Bench design to BS EN 1992-1-1:2004.
2. **Concrete**
 - a) Concrete strength at transfer = C32/40
 - b) Concrete strength at 28 days = C50/60
 - c) Other: Min Cement content: 360kg/m³ Max W/C = 0.45
3. **Reinforcement cage and/or Prestressing Strand**
 - a) Steel Grade = 500B or C to BS 4449
 - b) Steel Scheduling, dimensioning, bending & cutting of steel to BS 8666
4. **Durability**
 - a) Design Life: 100 Years.
5. **Handling**
 - a) Unit Volume / Weight

Unit Ref	Volume (m ³)	Weight (T)	Weight + 5% (T)
1800x931x835	1.08	2.7	2.84

Weight is based on 2.5 T/m³. +10% is recommended for sizing lifting equipment.

6. **Manufacture**
 - a) Manufactured to BS 8110.
7. **Tolerances**
 - a) Length ±6mm
 - b) Width ±5mm
 - c) Thickness -2mm to +5mm
 - d) Squareness ±5mm 10mm difference
8. **Finish**

As per samples.

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First Issue JM FM 11/02/2021

Revision/Description Drawn Checked Date

Title, Supplementary title

Concrete Street Furniture
Left End

Identification number Created by
JM

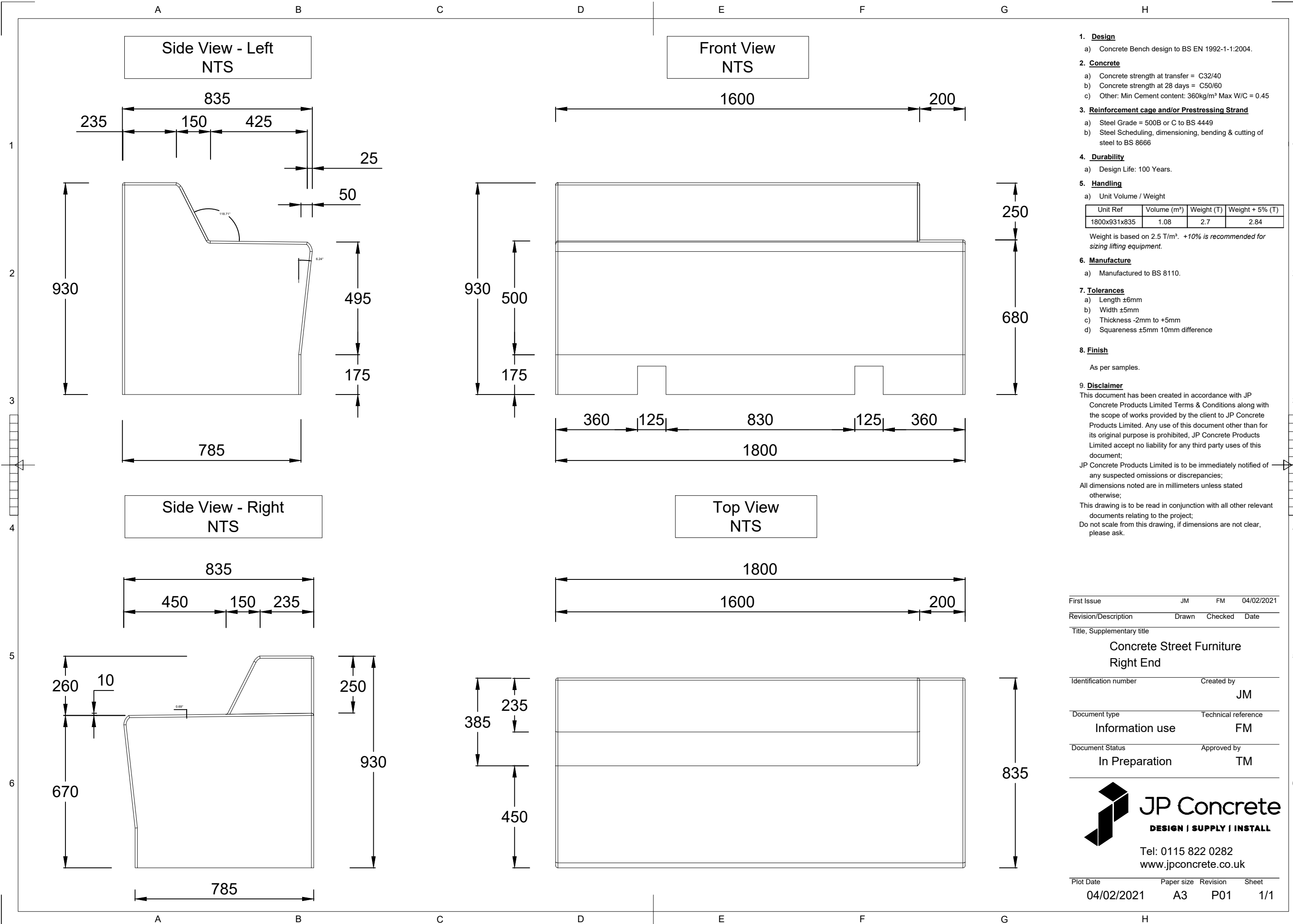
Document type Technical reference
Information use FM

Document Status Approved by
In Preparation TM



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Plot Date Paper size Revision Sheet
11/02/2021 A3 P01 1/1



- 1. Design**
 - a) Concrete Bench design to BS EN 1992-1-1:2004.
- 2. Concrete**
 - a) Concrete strength at transfer = C32/40
 - b) Concrete strength at 28 days = C50/60
 - c) Other: Min Cement content: 360kg/m³ Max W/C = 0.45
- 3. Reinforcement cage and/or Prestressing Strand**
 - a) Steel Grade = 500B or C to BS 4449
 - b) Steel Scheduling, dimensioning, bending & cutting of steel to BS 8666
- 4. Durability**
 - a) Design Life: 100 Years.
- 5. Handling**
 - a) Unit Volume / Weight

Unit Ref	Volume (m ³)	Weight (T)	Weight + 5% (T)
1800x931x835	1.08	2.7	2.84

Weight is based on 2.5 T/m³. +10% is recommended for sizing lifting equipment.
- 6. Manufacture**
 - a) Manufactured to BS 8110.
- 7. Tolerances**
 - a) Length ±6mm
 - b) Width ±5mm
 - c) Thickness -2mm to +5mm
 - d) Squareness ±5mm 10mm difference
- 8. Finish**

As per samples.
- 9. Disclaimer**

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First Issue	JM	FM	04/02/2021
Revision/Description	Drawn	Checked	Date

Title, Supplementary title

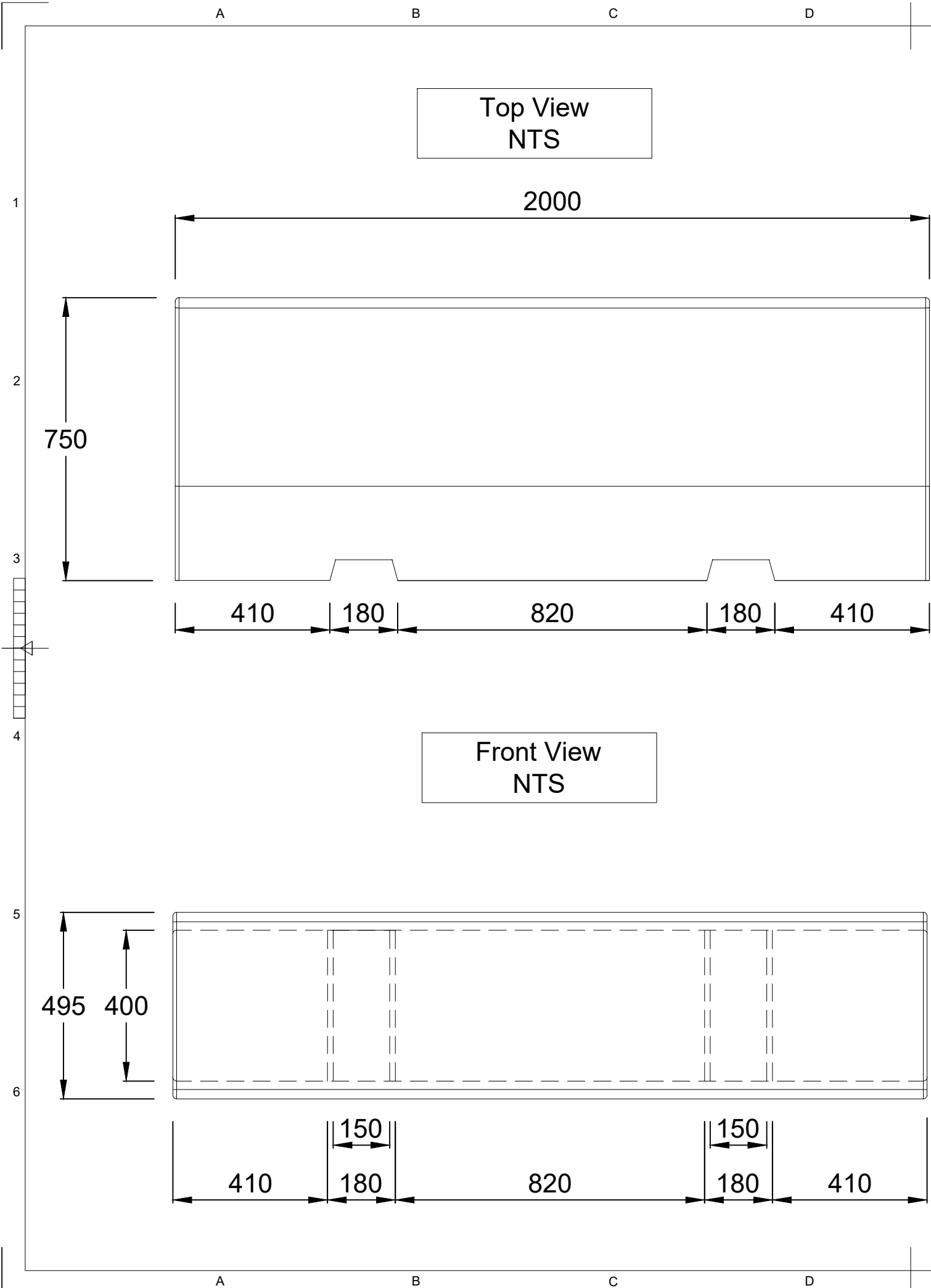
**Concrete Street Furniture
Right End**

Identification number	Created by
	JM
Document type	Technical reference
Information use	FM
Document Status	Approved by
In Preparation	TM

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Plot Date	Paper size	Revision	Sheet
04/02/2021	A3	P01	1/1



1. **Design**
 - a) Concrete Bench design to BS EN 1992-1-1:2004.
2. **Concrete**
 - a) Concrete strength at transfer = C32/40
 - b) Concrete strength at 28 days = C50/60
 - c) Other: Min Cement content: 360kg/m³ Max W/C = 0.45
3. **Reinforcement cage and/or Prestressing Strand**
 - a) Steel Grade = 500B or C to BS 4449
 - b) Steel Scheduling, dimensioning, bending & cutting of steel to BS 8666
4. **Durability**
 - a) Design Life: 100 Years.
5. **Handling**
 - a) Unit Volume / Weight

Unit Ref	Volume (m ³)	Weight (T)	Weight + 5% (T)
2000x750x495	0.64	1.6	1.68

Weight is based on 2.5 T/m³. +10% is recommended for sizing lifting equipment.

6. **Manufacture**
 - a) Manufactured to BS 8110.
7. **Tolerances**
 - a) Length ±6mm
 - b) Width ±5mm
 - c) Thickness -2mm to +5mm
 - d) Squareness ±5mm 10mm difference

8. **Finish**
As per samples.

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First Issue	JM	FM	11/02/2021
Revision/Description	Drawn	Checked	Date
Title, Supplementary title			
Concrete Street Furniture Bench Seat			
Identification number	Created by		
	JM		
Document type	Technical reference		
Information use	FM		
Document Status	Approved by		
In Preparation	TM		

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Plot Date	Paper size	Revision	Sheet
11/02/2021	A3	P01	1/1