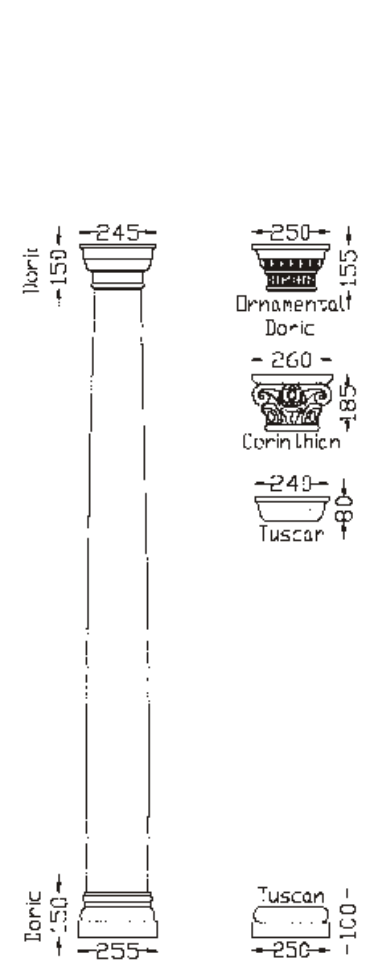
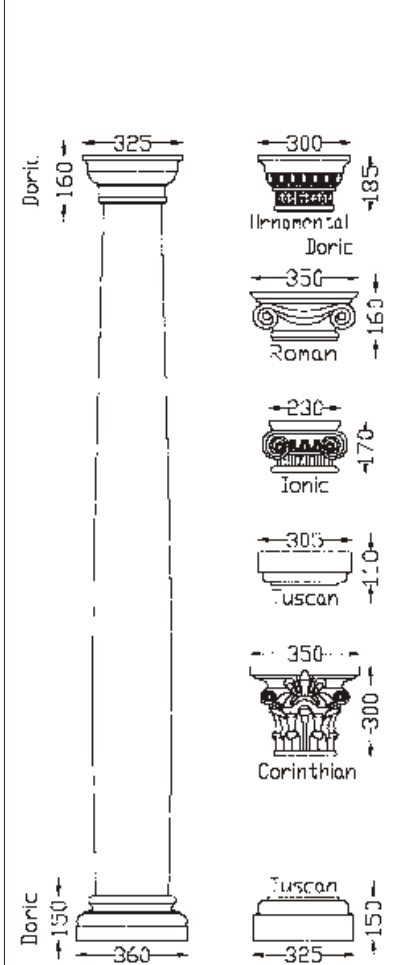
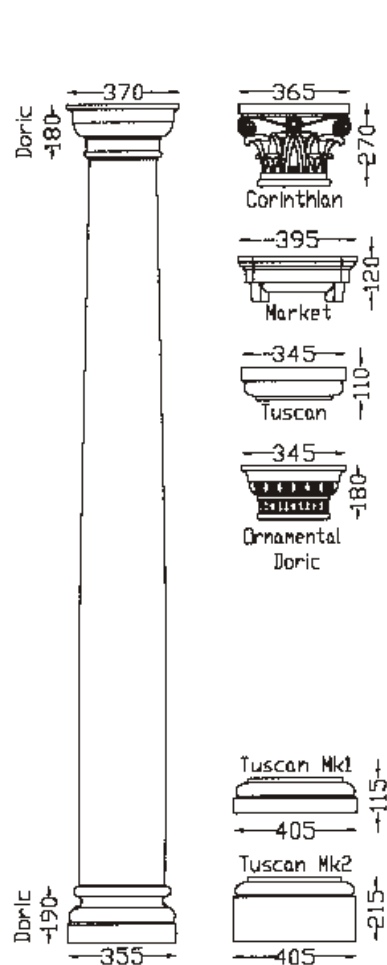
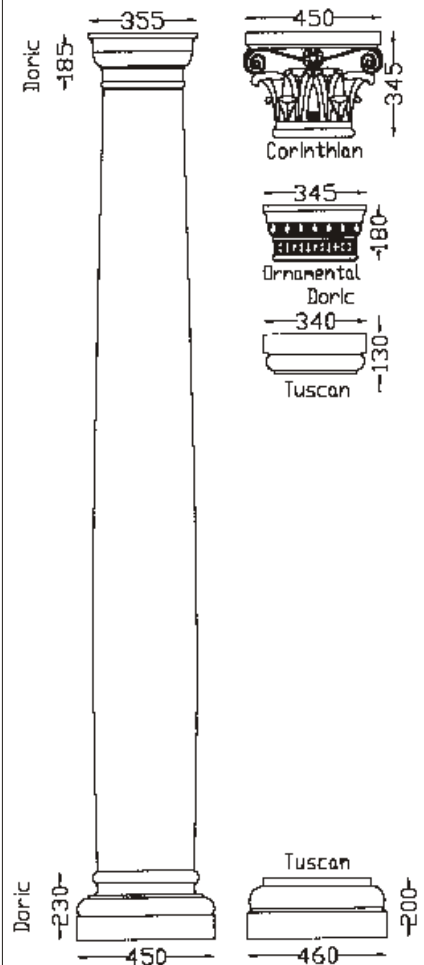


# Columns - Plain Round, Tapered

Please order overall height including Cap and Base.

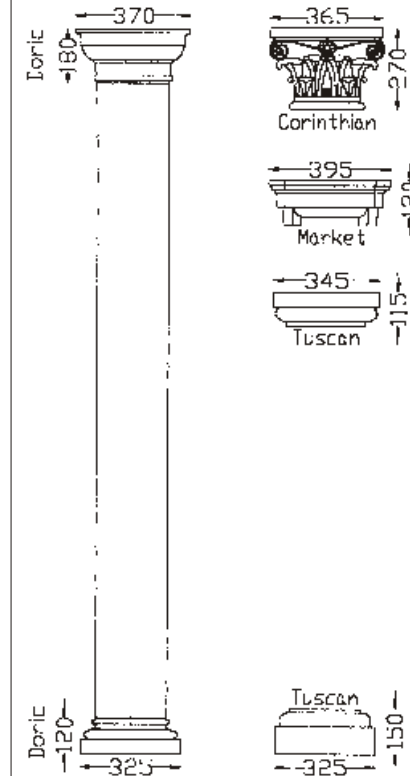
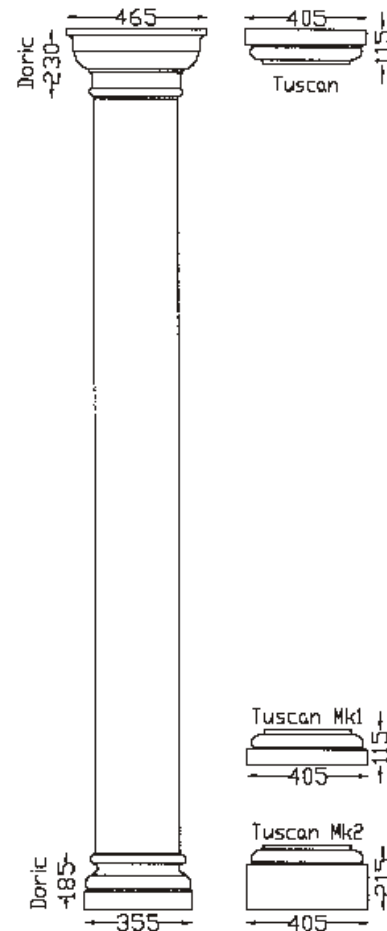
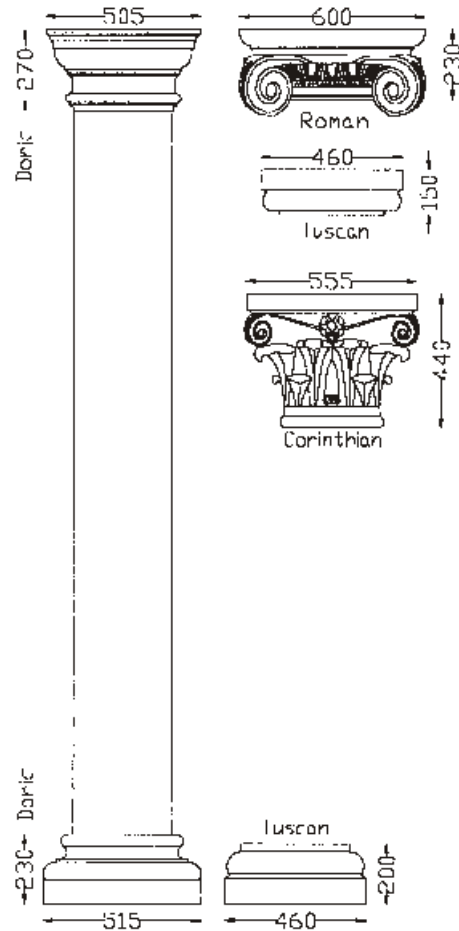


Name	TYPE 1210 (Round)	TYPE 119 (Round)	TYPE 97 (Round)	TYPE 86 (Round)
Shaft Base Diameter	320mm	280mm	240mm	200mm
Shaft Neck Diameter	260mm	225mm	190mm	150mm
Max Shaft Length	Shaft Max 2500mm (Min 1750) Add cap/base for max overall	Shaft Max 3150mm (Min 1600) Add cap/base for max overall	Shaft Max 2280mm (Min 1600) Add cap/base for max overall	Shaft Max 2390mm (Min 1250) Add cap/base for max overall
Standard Shaft Length	n/a	n/a	n/a	n/a
Weight Kg/m approx	205kg/m	155kg/m	115kg/m	75kg/m



# Columns - Plain Round, No Taper

Please order overall height including Cap and Base



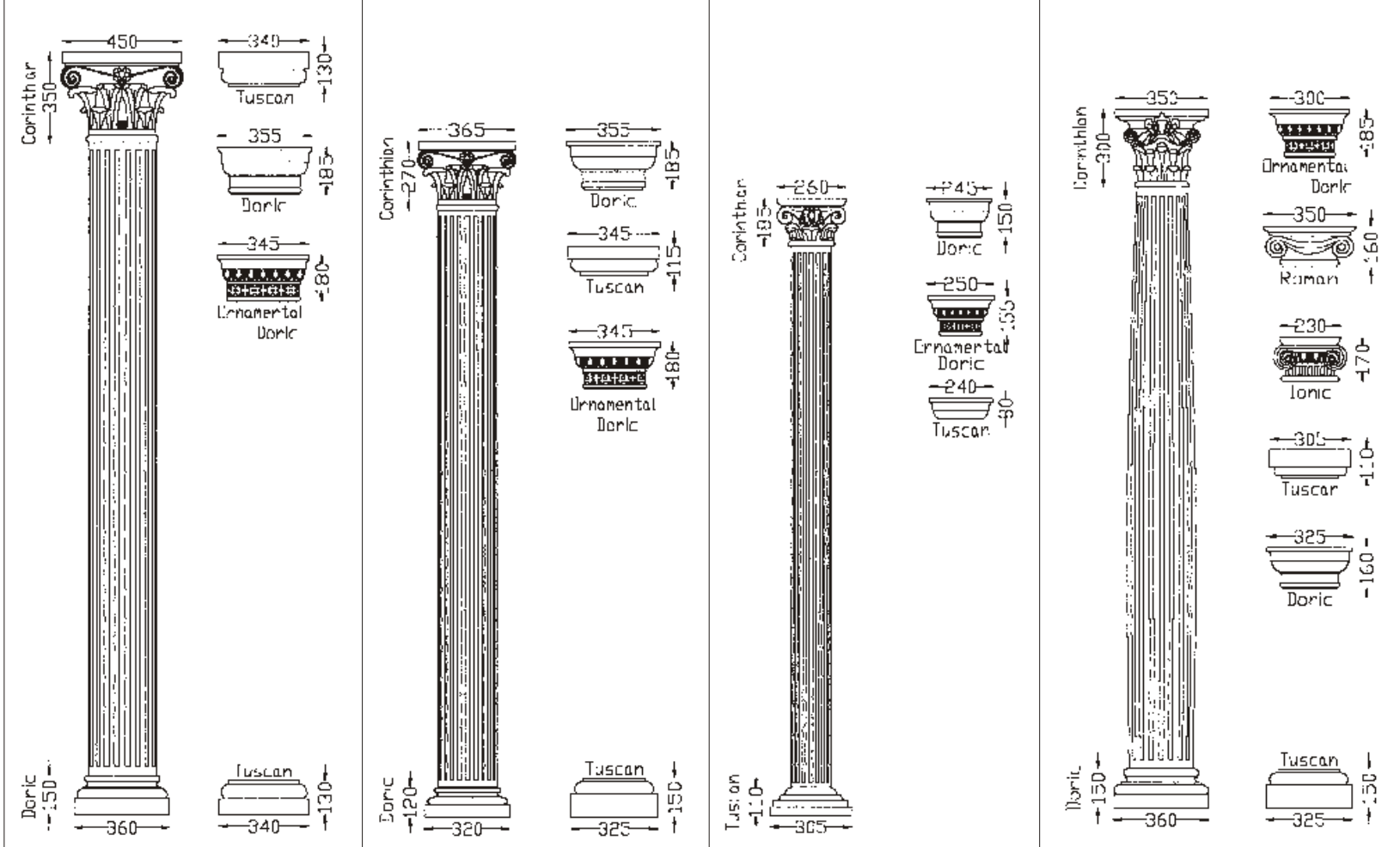
Most drawings are available in CAD format. Please enquire.

Name	TYPE 320 PLAIN (Round) No taper	TYPE 280 PLAIN (Round) No taper	TYPE 230 PLAIN (Round) No taper
Shaft Base Diameter	320mm	280mm	230mm
Shaft Neck Diameter	320mm	280mm	230mm
Max Shaft Length	Shaft Max 2500mm Add cap/base for max overall	Shaft Max 3000mm Add cap/base for max overall	Shaft Max 3000mm Add cap/base for max overall
Standard Shaft Length	n/a	n/a	n/a
Weight Kg/m approx	205kg/m	150kg/m	100kg/m
Weight Hollow GRC	50kg/m	40kg/m	30kg/m



# Columns - Fluted Round

Please order overall height including Cap and Base



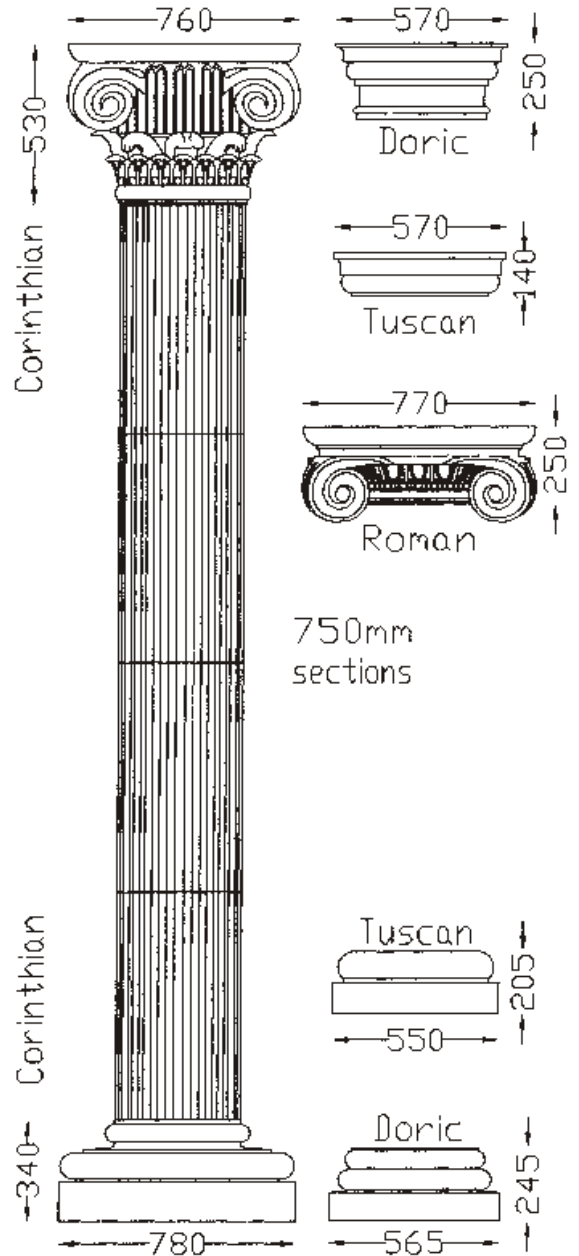
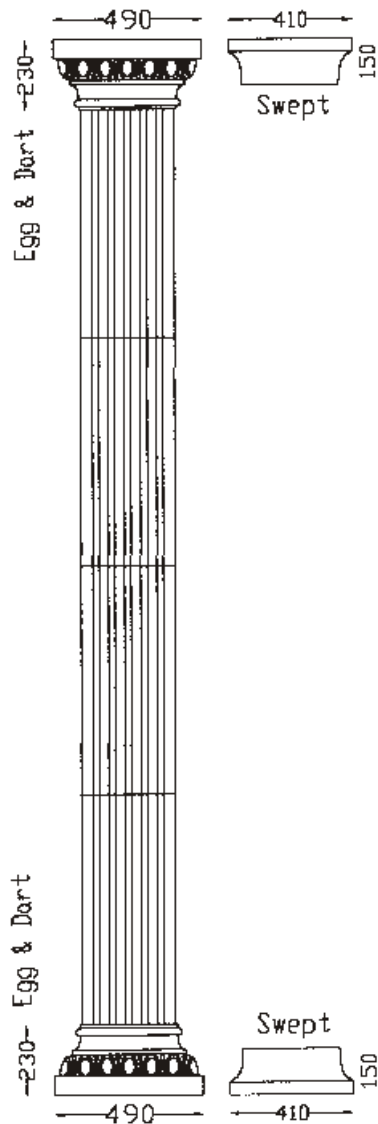
Name	FLUTED 1010 (Round)	FLUTED 88 (Round)	FLUTED 66 (Round)	FLUTED 97 (Round)
Shaft Base Diameter	255mm	220mm	150mm	240mm
Shaft Neck Diameter	255mm	220mm	150mm	190mm
Max Shaft Length	Shaft Max 2490mm Add cap/base for max overall	Shaft Max 2130mm Add cap/base for max overall	Shaft Max 2020mm Add cap/base for max overall	Shaft Max 2230mm Add cap/base for max overall
Standard Shaft Length	1280 / 1680 / 2130 / 2490mm	1090 / 1700 / 2100 / 2130mm	2020mm	1370 / 1760 / 2230mm
Weight Kg/m approx	120kg/m	90kg/m	45kg/m	90kg/m





# Columns - Stacking

Columns, Window Surrounds, Dentil Coping, and Wall Niches by Old World Concretes (Pty) Ltd.

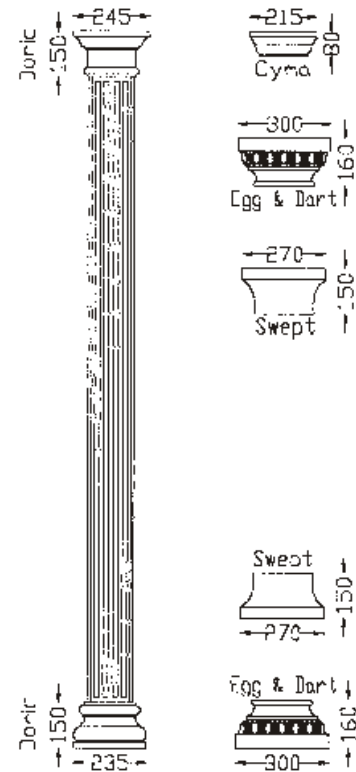
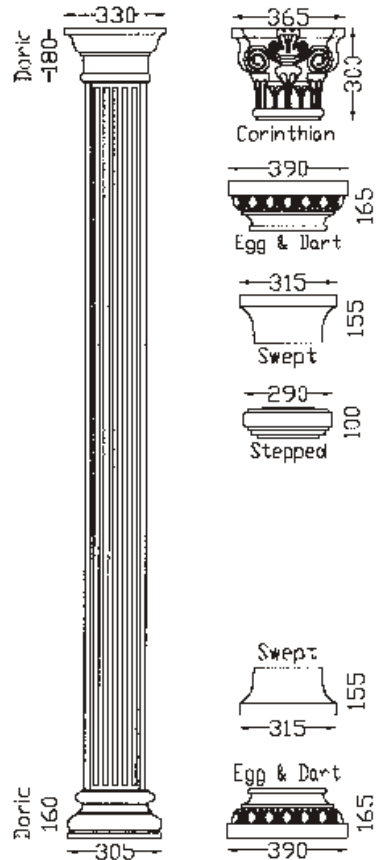
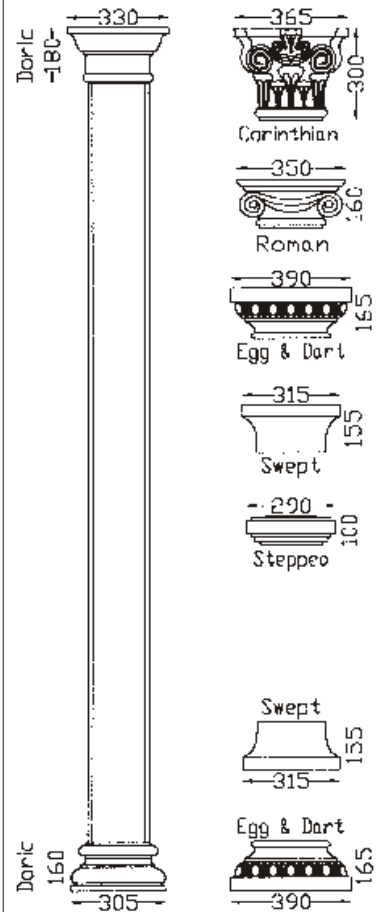


Name	<b>SESTRI 1212</b> (Square)	<b>COLOSSUS 410</b> (Round)
Shaft Base Diameter	300mm	410mm
Shaft Neck Diameter	300mm	410mm
Max Shaft Length	According to engineer	According to engineer
Standard Shaft Length	1000mm sections (customer to cut if necessary)	750mm sections (customer to cut if necessary)
Weight kg/m approx	Shaft = 93kg (Hollow)	Shaft = 145kg (Hollow)



# Columns - Square

Please order overall height including Cap and Base

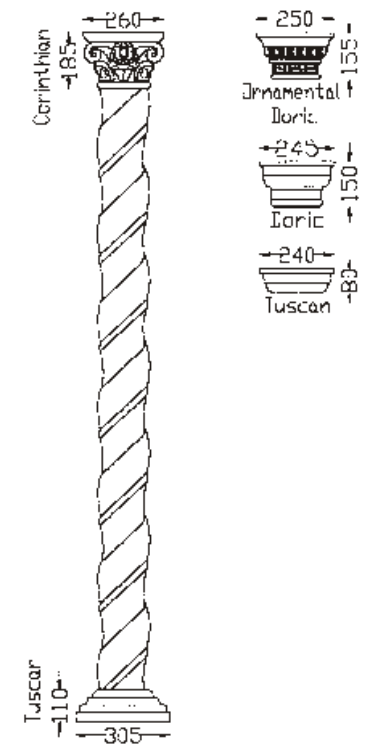
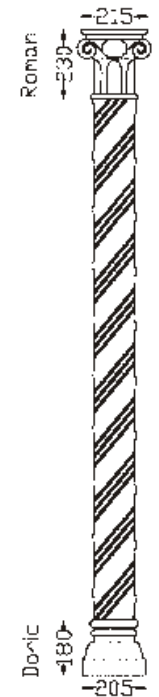
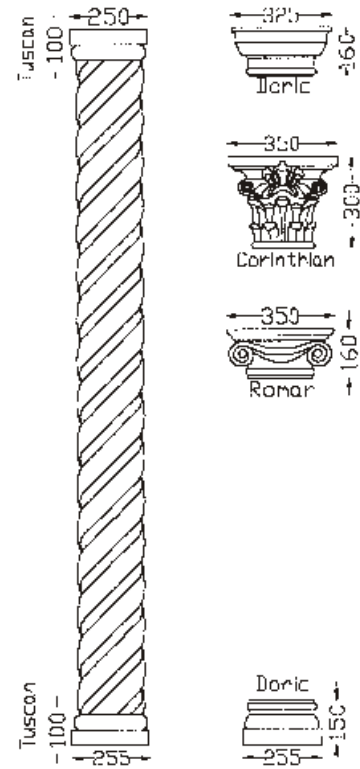
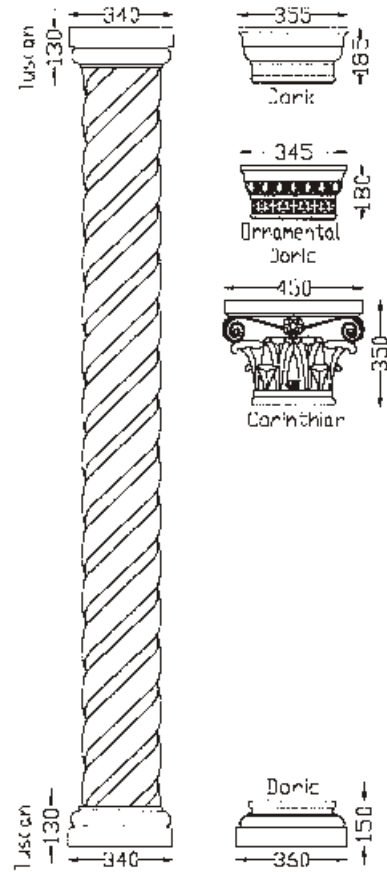


Name	PLAIN 88 (Square)	REEDED 88 (Square)	REEDED 66 (Square)	REEDED 1010 (Square)
Shaft Base Square	200mm	200mm	150mm	250mm
Shaft Neck Square	200mm	200mm	150mm	250mm
Max Shaft Length	Shaft Max 2500mm Add cap/base for max overall	Shaft Max 2330mm Add cap/base for max overall	Shaft Max 2300mm Add cap/base for max overall	Shaft Max 2160mm Add cap/base for max overall
Standard Shaft Length	n/a	1160 / 1370 / 1720 / 1800 / 2030 / 2130 / 2330	1200 / 1500 / 1800 / 2050 / 2300	2160mm
Weight Kg/m approx	95kg/m	95kg/m	55kg/m	150kg/m



# Columns - Spiral

Please order overall height including Cap and Base



Name	<b>SPIRAL 1010 (Round)</b>	<b>SPIRAL 88 (Round)</b>	<b>SPIRAL 5 (Round)</b>	<b>CASTILLIAN 66 (Round)</b>
Shaft Base Diameter	255mm	200mm	130mm	150mm
Shaft Neck Diameter	255mm	200mm	130mm	150mm
Max Shaft Length	Shaft Max 2450mm Add cap/base for max overall	Shaft Max 2150mm Add cap/base for max overall	Shaft Max 1710mm Add cap/base for max overall	Shaft Max 1940mm Add cap/base for max overall
Standard Shaft Length	n/a	n/a	n/a	n/a
Weight Kg/m approx	120kg/m	80kg/m	30kg/m	50kg/m



COLUMNS Please quote overall height required incl. Caps and Bases.		PWV delivery 12,5%	
		Excl.	Vat Incl.
Doric or Tuscan Caps/Bases are included in rate per metre. All other Caps and Bases are an extra charge as below. If shorter than 1,4m add 50% surcharge.			
<b>PLAIN ROUND COLUMNS - TAPERED</b>		Per metre	
TYPE 86		299.60	341.54
TYPE 97		324.40	369.82
TYPE 119		486.20	554.27
TYPE 1210		699.60	797.54
These columns are also available in hollow, relatively lightweight Fibre Reinforced Concrete. Add 20%.			
<b>PLAIN ROUND COLUMNS - NO TAPER</b>		Per metre	
TYPE 230 PLAIN		365.30	416.44
TYPE 280 PLAIN		492.70	561.68
TYPE 320 PLAIN		613.80	699.73
These columns are also available in hollow, relatively lightweight Fibre Reinforced Concrete. Add 20%.			
<b>FLUTED ROUND COLUMNS</b>		Per metre	
* FLUTED 66		297.50	339.15
* FLUTED 88		333.50	380.19
* FLUTED 97		333.50	380.19
* FLUTED 1010		442.10	503.99
<b>STACKING COLUMNS</b>		Per metre	
* COLOSSUS 410	In 750mm sections only.	403.90	460.45
All Caps/Bases are extra charge for this column.			
* SESTRI 1212	In 1000mm sections only.	353.20	402.65
All Caps/Bases are extra charge for this column.			
<b>IN-SITU CAST COLUMNS</b>			
TYPE 410/320	See page 63/64	P.O.A.	
TYPE 500/410		P.O.A.	
TYPE 500/500		P.O.A.	
TYPE 600/500		P.O.A.	
<b>SPIRAL ROUND COLUMNS</b>		Per metre	
CASTILLIAN 66		290.80	331.51
SPIRAL 5		290.80	331.51
88		342.70	390.68
1010		405.10	461.81
<b>SQUARE COLUMNS</b>		Per metre	
* REEDED 66		309.40	352.72
* REEDED 88		367.00	418.38
PLAIN 88		333.50	380.19
* REEDED 1010		442.10	503.99
<b>DOWNPIPES (each)</b>		Each	
	In suitable columns	214.00	243.96
* Standard lengths apply, 20% surcharge on custom lengths.			
<b>NON-STRUCTURAL COLUMN</b>			
TYPE 1000/800	See page 69	P.O.A.	
10,4m high with Doric cap and base. In G.R.P.			

#### NOTES REGARDING COLUMNS:

- Please order in good time as columns are made to order.
- Caps and Bases are supplied loose.
- Doric or Tuscan Caps/Bases are included in the per metre rate except where stated.
- Most columns are available as pilasters, less 10%.
- Maximum accuracy of manufacture is 20mm.
- If shorter than 1,4m add 50% surcharge.
- Please quote overall height including caps and bases.
- \* Columns Marked \* are made in standard lengths, 20% surcharge for other lengths.

#### REINFORCING

- Columns are wet cast in steel reinforced 30mpa concrete.
- While we do not take responsibility for engineering design we are happy to discuss your requirements with your engineer, if necessary.
- Reinforcing cages consist of 4 bars ranging from Y8 to Y12 depending upon the shaft diameter and length. Stirrups are 3mm or 4mm wire at 200mm centers.
- We will cast in your specialised steel reinforcing if required.

#### FIXING OF FREE-STANDING COLUMNS

- The columns are to stand on properly prepared and designed concrete foundations. The design of the foundation would take into account the size and weight of the column itself, any anticipated external forces, and the nature of the soil conditions. Typically, a free-standing column foundation would have proportions of approx. 400 x 400 x 200 mm.
- Assuming adequate foundations have been prepared, the next step is to drill into the foundation and epoxy in one or more steel rods (dia say 10 mm). These rods are to be positioned so that they correspond with the hole in the centre of the precast base, and should be as near to the sides of the hole so as not to clash with the reinforcing of the shaft. Alternatively, these rods could be positioned at the time of casting the foundation.
- The precast base is then positioned over these rods and is bedded down using a strong mortar (say 2 parts crusher sand to 1 part cement by volume). Care is to be taken to ensure that the hole in the precast base is **not** filled.
- The bases are then left alone, at least until the next day, before positioning the column shafts.
- Immediately prior to placing the shafts, the hole in the precast base is filled with a strong concrete mix (say 2 parts small concrete stone, 2 parts crusher sand, 1.5 parts ordinary portland cement). The shaft is then set down on the precast base with the reinforcing bars of the shaft extending into the newly placed concrete. The reinforcing bars of the shaft should be checked for length prior to this, and trimmed if necessary, in order to prevent an annoying delay at a critical time. The shaft is to be plumbed and supported using wedges and timber planks, and everything should be left alone until the next day.
- Finally the cap is placed on top of the shaft and the hole in the cap is filled with the same mix as was the base. At this point, what ever may be required for the next stage of construction, should be cast into the cap (eg. bolts, wire ties, brackets, reinforcing rods, hoop irons, etc).
- All that remains is for the entire column to be finished off, pointing the joint between base/shaft and shaft/cap, and filling the scratches that occur during handling.
- The strength of the column installation should not be tested until the concrete has had time to gain strength.

#### DISCLAIMER

The above information is intended as a guide to the correct installation of precast concrete columns, and Old World Concretes (Pty) Ltd can in no way hold itself responsible for any installation not undertaken by its own representatives.

CERTAIN CAPS, EXTRA PER COLUMN PURCHASED		Each	
Corinthian 66 / Composite / 86	each	112.30	128.02
Corinthian 88 / 108	each	157.60	179.66
Corinthian 97	each	171.10	195.05
Corinthian 119 / 230	each	182.40	207.94
Corinthian 1010 / 1210	each	184.10	209.87
Corinthian 320	each	232.20	264.71
Egg and Dart Sq Reeded 66	Cap/base pair	76.50	87.21
Egg and Dart Sq Reeded 88	Cap/base pair	117.20	133.61
Ionic 97	each	52.60	59.96
Ornamental Doric Type 66 / 86	each	45.60	51.98
Ornamental Doric Type 88 / Fluted 88		57.20	65.21
Ornamental Doric Type 97	each	52.60	59.96
Ornamental Doric Type 119	each	59.10	67.37
Ornamental Doric Type 1010 / 1210		61.40	70.00
Roman 97 / 88		124.90	142.39
Roman 320		217.30	247.72
Any Cap and/or Base - If sold separately x 2			



# Column Caps & Bases

COLUMN CAPS and BASES		EACH	
		Excl.	Vat Incl.
<b>Column Caps &amp; Bases when purchased separately are priced as follows:</b>		PWV delivery 12,5%	
Extra for cutting in half		50.20	57.23
<b>For 230mm diameter Shaft</b>	One piece		
Doric Cap	230od/185h/355sq/160hole	148.00	168.72
Doric Base	230od/120h/320sq/140hole	148.00	168.72
Tuscan Cap	250od/115h/345sq/160hole	115.90	132.13
Tuscan Base	260od/150h/325sq/160hole	131.40	149.80
<b>For 250mm diameter Shaft</b>	One piece		
Doric Cap	260od/185h/355sq/220hole	199.20	227.09
Doric Base	260od/150h/360sq/220hole	188.30	214.66
Tuscan Cap	270od/130h/340sq/220hole	152.00	173.28
Tuscan Base	270od/130h/340sq/220hole	152.00	173.28
<b>For 280mm diameter Shaft</b>	One piece		
Doric Cap	290od/230h/465sq/220hole	230.30	262.54
Doric Base	300od/185h/355sq/185hole	204.00	232.56
Tuscan Cap or Base Thin	312od/115h/405sq/200hole	153.50	174.99
Tuscan Base MK2 Thick	310od/215h/405sq/200hole	179.20	204.29
<b>For 320mm diameter Shaft</b>	One piece		
Doric Cap	320od/270h/505sq/220hole	296.30	337.78
Doric Base	370od/230h/515sq/280hole	263.70	300.62
Tuscan Cap	340od/150h/460sq/220hole	197.80	225.49
Tuscan Base	340od/200h/460sq/220hole	230.80	263.11
<b>For 320mm square Shaft</b>	One piece. Also for SESTR		
Sestri Egg & Dart Cap or Base	315od/230h/490sq/NA hole	543.40	619.48
Sestri Plain/Swept Cap or Base	320od/150h/410sq/NA hole	272.60	310.76
<b>For 400mm diameter Shaft</b>	One piece. Also for COLOSSUS		
Doric Cap	435od/250h/570sq/320hole	675.20	769.73
Doric Base	430od/245h/565sq/320hole	675.20	769.73
Corinthian Cap	410od/530h/760sq/320hole	1,086.30	1,238.38
Corinthian Base	420od/340h/780sq/320hole	954.20	1,087.79
Roman Cap	430od/250h/770sq/320hole	921.60	1,050.62
Tuscan Cap	425od/140h/570sq/320hole	383.00	436.62
Tuscan Base	425od/205h/550sq/320hole	408.30	465.46
<b>For 450mm diameter Shaft</b>	In two halves		
Doric Cap	475od/295h/590sq/380hole	872.80	994.99
Doric Base	450od/250h/590sq/380hole	790.10	900.71
<b>For 500mm diameter Shaft</b>			
Doric Cap (Halves)	525od/320h/710sq/450hole	970.80	1,106.71
Doric Base (Halves)	525od/350h/695sq/450hole	970.80	1,106.71
Enriched Doric Cap (Halves)	500od/700h/800sq	1,384.00	1,577.76
Roman Cap (Solid)	500od/240h/800sq/380 hole	1,006.00	1,146.84
Tuscan Cap or Base (Solid)	510od/200h/635sq/380hole	741.10	844.85
<b>For 550mm diameter Shaft</b>	In two halves		
Tuscan Cap or Base	580od/200h/690sq/340hole	804.70	917.36
<b>For 600mm diameter Shaft</b>	In two halves		
Doric Cap	605od/315h/800sq/505hole	1,267.10	1,444.49
Doric Base	605od/350h/780sq/505hole	1,267.10	1,444.49
<b>For 700mm diameter Shaft</b>	In two halves		
Doric Base	750od/420h/900sq/620hole	1,404.70	1,601.36

NB. These Caps and Bases are not designed to "clip" onto or around an existing shaft.

All either position above/below the shaft at time of casting or require a 55mm recess to be cast or cut into the shaft for subsequent installation of the Cap/Base.

If you do not have a recess for the Cap/Base then the next bigger Cap/Base could be used but it is likely to look too big.

If you require the Cap/Base to fit around the shaft then please discuss your requirement with our sales staff before ordering.

See following page for "clipon" Caps and Bases designed to be retrofitted to the Everite standard range of columns.



Glass Reinforced Concrete Caps and Bases on following page



GLASS REINFORCED CONCRETE (GRC) COLUMN CAPS and BASES	EACH	
	Excl.	Vat Incl.
These caps and Bases are designed for retrofitting to an already installed standard Everite non-tapered pipe. All in halves	PWW delivery 12,5%	
<b>For 318mm outside diameter shaft</b>		
Tuscan Cap 340od/150h/460sq/320hole	265.00	302.10
Tuscan Base 340od/200h/460sq/320hole	276.40	315.10
<b>For 368mm outside diameter shaft</b>		
Tuscan Cap 400od/150h/520sq/370hole	318.00	362.52
Tuscan Base 400od/200h/520sq/370hole	338.40	385.78
<b>For 530mm outside diameter shaft</b>		
Doric Cap 605od/315h/800sq/535hole	P.O.A	
Doric Base 605od/350h/780sq/535hole	P.O.A	



In-Situ cast columns supplied and installed by Old World Concretes (Pty) Ltd.

## In-Situ Cast Columns

These columns must be cast in-situ. Typically, the main contractor would provide scaffolding, steel reinforcing, and sand and stone. Old World Concretes, as subcontractor, positions the bases, erects the scaffolding and the column shutter, supplies the cement and mixes the concrete, and casts the shaft (in two or three lifts) all to the indicated levels. Lastly, after moving the shutter to the next position, the cap is placed on the shaft and the complete column is finished off.

Where there is no main contractor Old World Concretes will supply everything necessary for an additional cost.

In all cases a single phase power supply must be provided.

### COLUMN TYPE 600/500

This column has a shaft diameter at its base of 600mm and at its neck of 500mm. The maximum shaft length is 5500mm which can be cast as short as 4800mm and still maintain reasonable proportions. Taken in combination with the caps and bases available, the maximum height is 6550mm (base 350/ shaft 5500/ cap 700). The minimum height of column, overall, is 5215mm (base 215/ shaft 4800/ cap 200).

The selection of caps and bases is illustrated on the following page.

### COLUMN TYPE 500/500 (No Taper)

This column has a shaft diameter at its base of 500mm and at its neck of 500mm. The maximum shaft length is 5500mm and can be cast any shorter length. Taken in combination with the caps and bases available, the maximum height is 6170mm (base 350/ shaft 5500/ cap 320). The selection of caps and bases is illustrated on the following page.

### COLUMN TYPE 500/410

This column has a shaft diameter at its base of 500mm and at its neck of 410mm. The maximum shaft length is 4600mm which can be cast as short as 4000mm and still maintain reasonable proportions. Taken in combination with the caps and bases available, the maximum height is 5480mm (base 350/ shaft 4600/ cap 530). The minimum height of column, overall, is 4410mm (base 200/ shaft 4000/ cap 210).

The selection of caps and bases is illustrated on the following page.

### COLUMN TYPE 410/320

This column has a shaft diameter at its base of 410mm and at its neck of 320mm. The maximum shaft length is 3800mm, the minimum is 2600mm. Taken in combination with the caps and bases available, the maximum height is 4500mm (base 245/ shaft 3800/ cap 440). The minimum height is 3010mm (base 210/ shaft 2600/ cap 200).

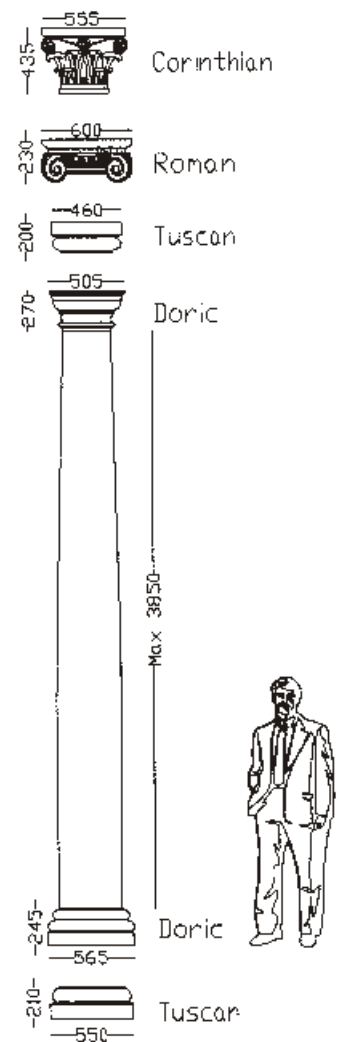
The selection of caps and bases is illustrated on the following page.



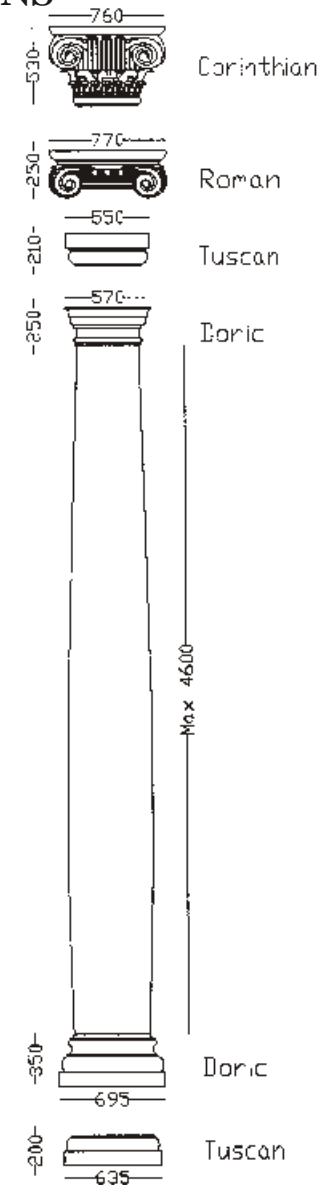
By Old World Concretes.  
In-situ cast columns,  
Woodlands Lintels,  
Number 13 Balusters with  
plinth and coping.



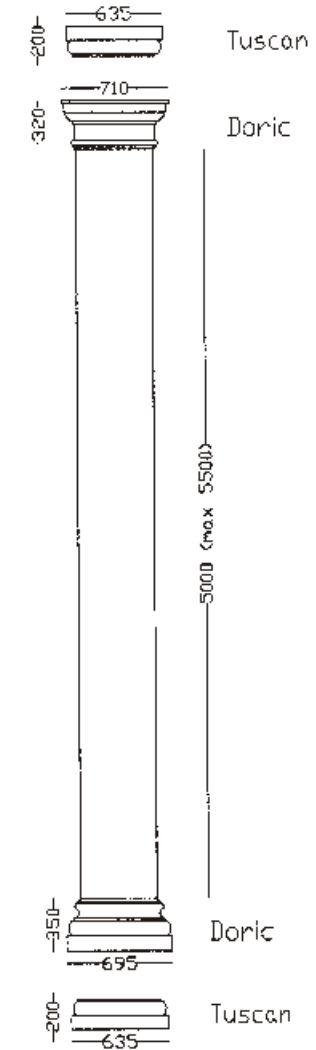
# IN-SITU CAST COLUMNS



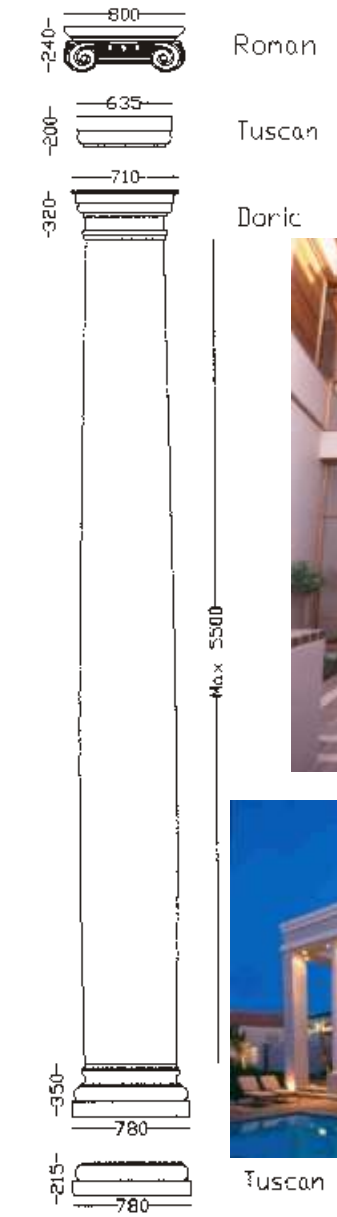
In Situ 410/320



In Situ 500/410



In Situ 500/500



In Situ 600/500

