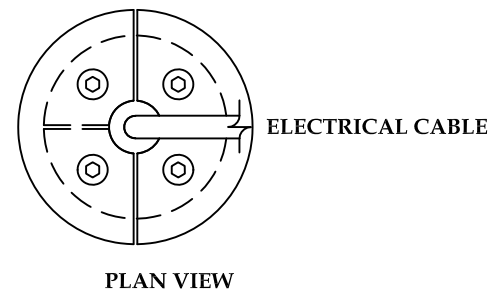
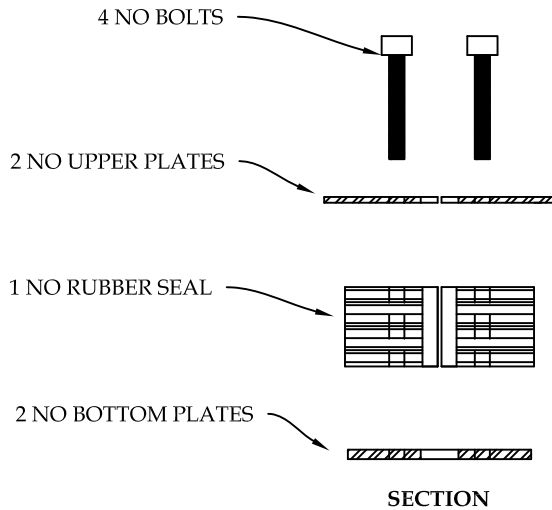
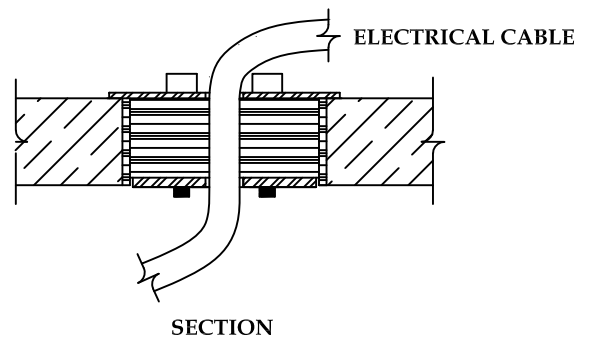
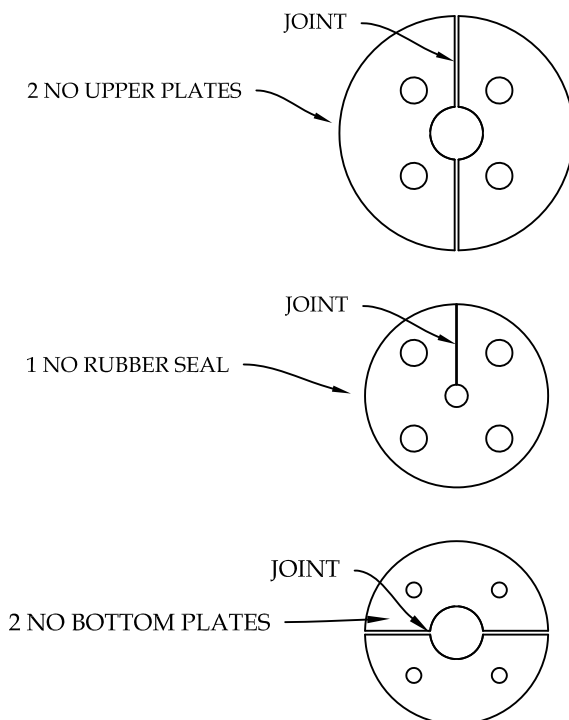




CABLE GLAND X353A



PLAN VIEW OF PLATES AND RUBBER SEAL

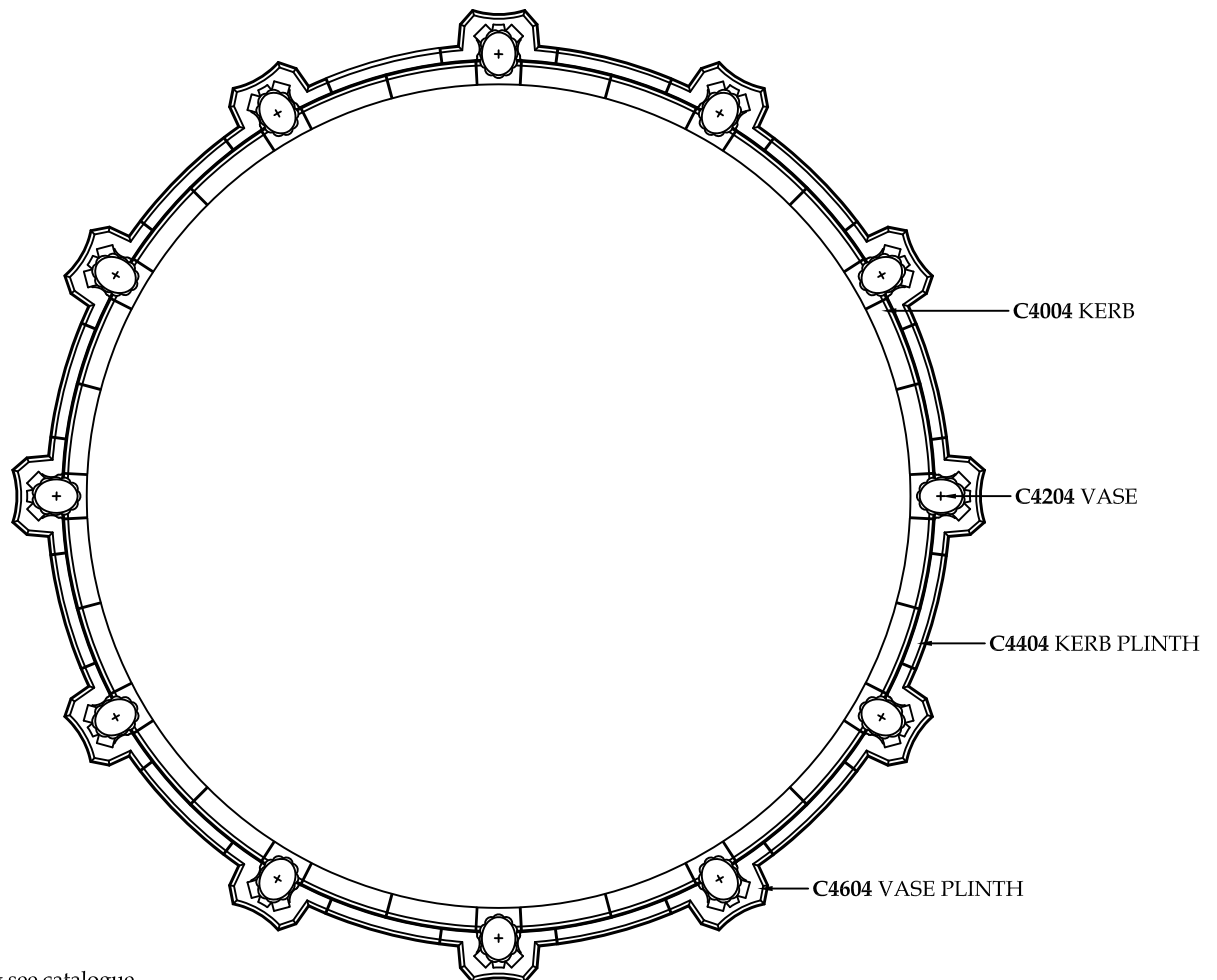


FITTING THE X353A CABLE GLAND:

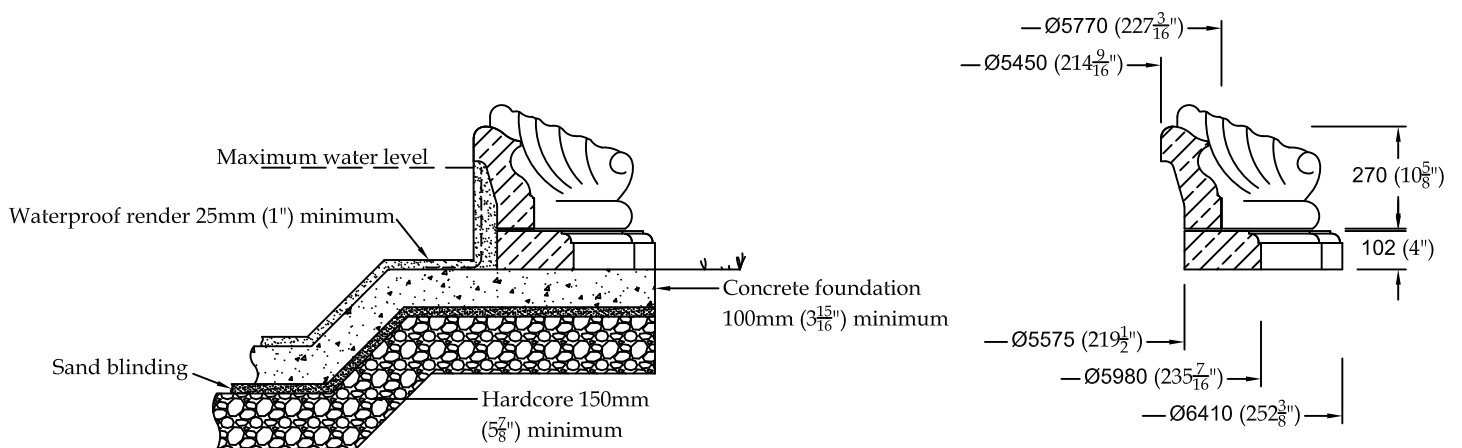
Pass the electrical cable through the cable gland, it is not necessary to dismantle the gland in the installation process, however, if the gland is dismantled for any reason, please ensure that the joints in the top and bottom plates are set 90 degrees to each other when installing the gland. Once the cable is in the correct position, tighten the bolts, taking care in gradually tightening each bolt equally, to ensure an effective seal around the cable and the bowl is achieved.



EXTRA LARGE POOL C4XL



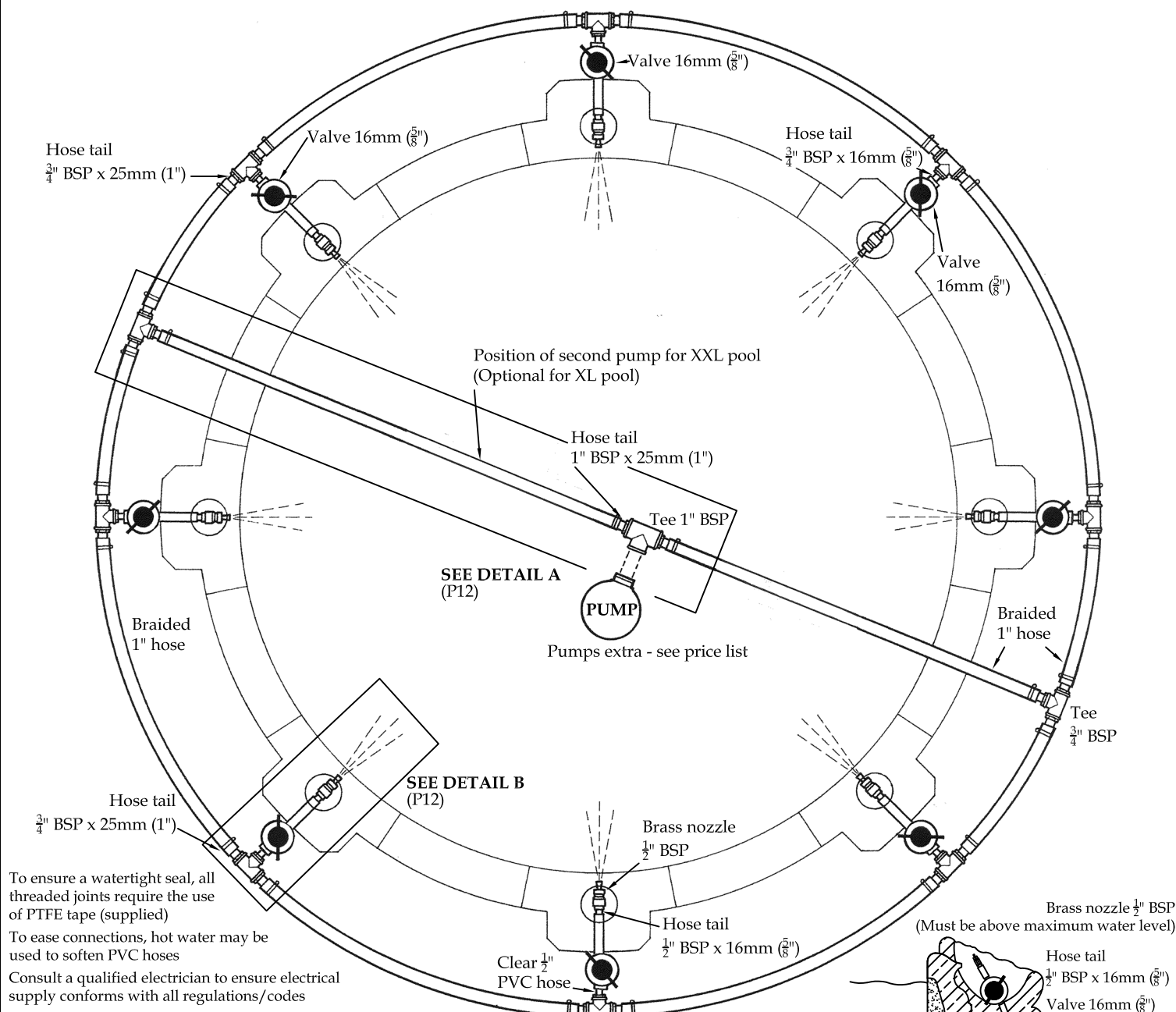
For component listing see catalogue
[Note: Last digit of product code relates to pool size]



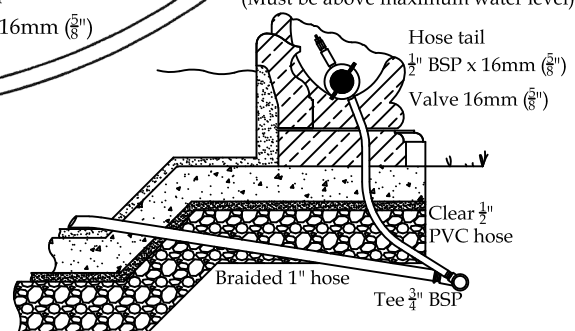
Read in conjunction with tech Sheet P11, P12 and P50
All dimensions exclude joints - allow 6mm (¹/₄") for vertical and bedding joints
Unless otherwise stated, all materials other than stonework to be supplied by others



PLUMBING MEDIUM, LARGE, EXTRA LARGE & EXTRA EXTRA LARGE POOLS



COMPONENT LISTING:	X365 Medium pool 6 vases	X370 Large pool 8 vases	X375 Extra large pool 12 vases	X380 Extra extra large pool 14 vases
Tee 1" BSP	x1	x1	x1	x1
Tee $\frac{3}{4}$ " BSP	x8	x10	x14	x16
16mm ($\frac{5}{8}$ ") valve	x6	x8	x12	x14
Hose tail 1" BSP x 25mm (1")	x3	x3	x3	x3
Hose tail $\frac{3}{4}$ " BSP x 25mm (1")	x18	x22	x30	x34
Hose tail $\frac{3}{4}$ " BSP x 16mm ($\frac{5}{8}$ ")	x6	x8	x12	x14
Hose tail $\frac{1}{2}$ " BSP x 16mm ($\frac{5}{8}$ ")	x6	x8	x12	x14
Brass nozzle $\frac{1}{2}$ " BSP	x6	x8	x12	x14
Jubilee clip 1"	x26	x30	x38	x42
Braided 1" hose	18m (59 ft)	23m (75 ft)	30m (98 ft)	35m (115 ft)
Clear $\frac{1}{2}$ " PVC hose	15m (49 ft)	20m (66 ft)	24m (79 ft)	30m (98 ft)

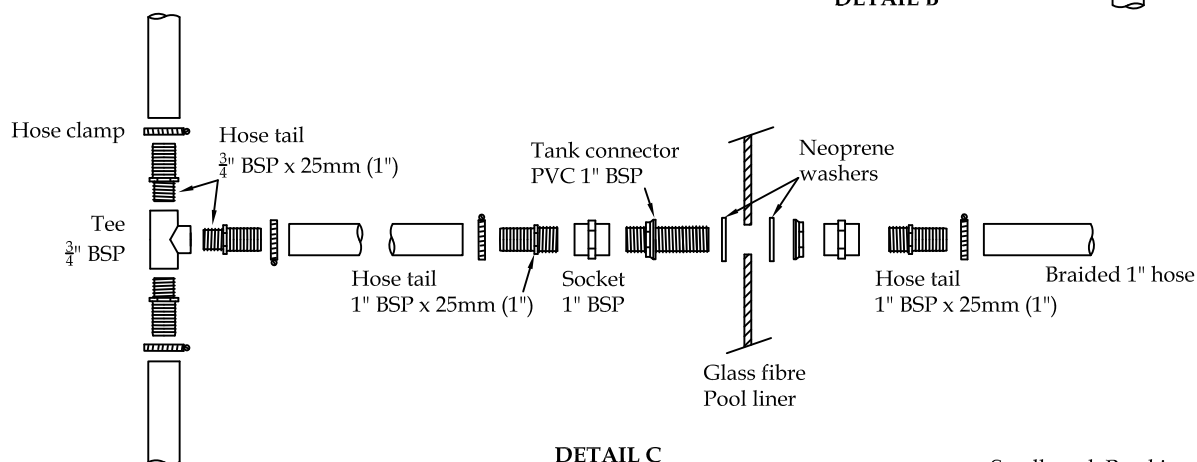
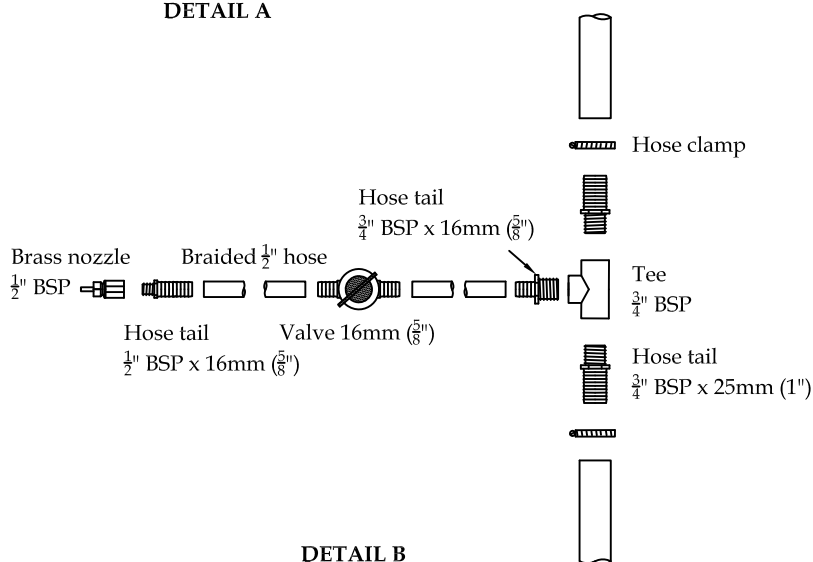
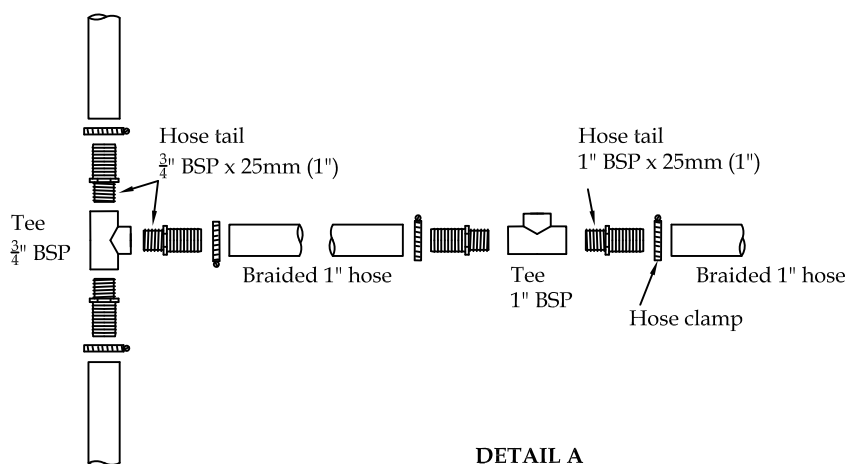


Medium pool: Read in conjunction with P12, P30 & P50
Large pool: Read in conjunction with P12, P20 & P50
Extra large pool: Read in conjunction with P12, P10 & P50
Extra extra large pool: Read in conjunction with P12, P80 & P50
Unless otherwise stated, all materials other than stonework to be supplied by others - all hosing to be cut on site



PLUMBING DETAILS

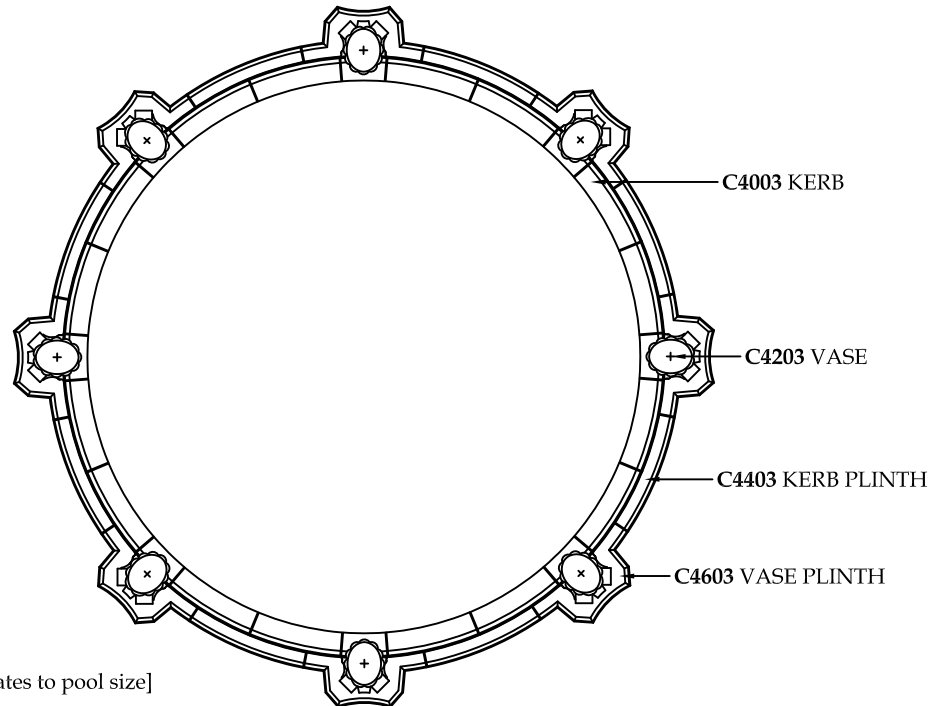
SMALL, MEDIUM, LARGE, EXTRA LARGE & EXTRA EXTRA LARGE POOL



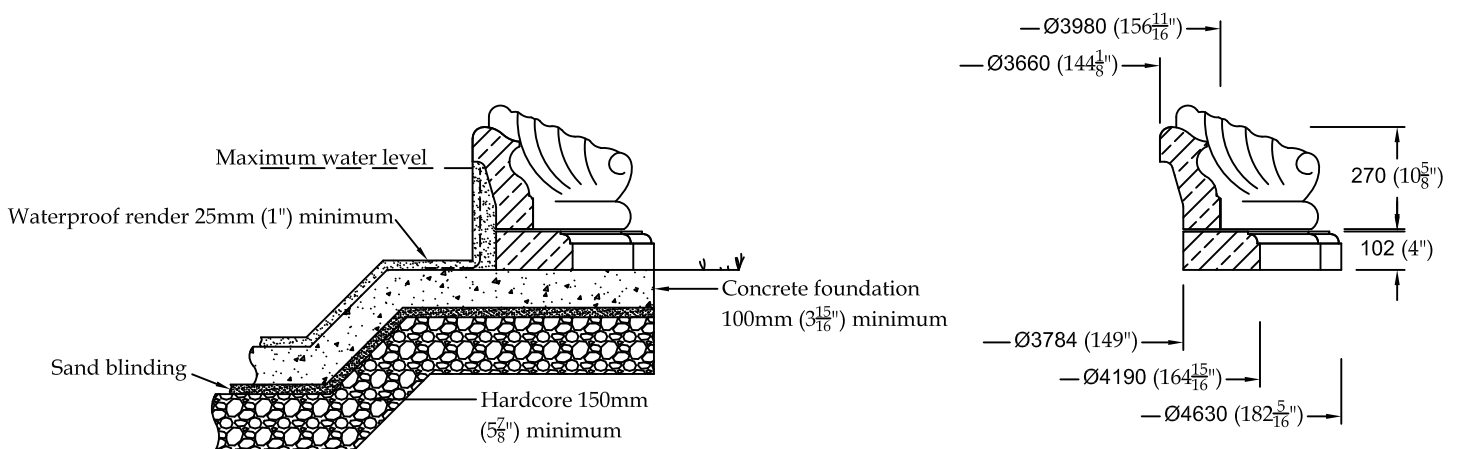
Small pool: Read in conjunction with P40 & P41
 Medium pool: Read in conjunction with P11, P30 & P50
 Large pool: Read in conjunction with P11, P20 & P50
 Extra large pool: Read in conjunction with P11, P10 & P50
 Extra extra large pool: Read in conjunction with P11, P80 & P50



LARGE POOL C4L



For component listing see catalogue
[Note: Last digit of product code relates to pool size]

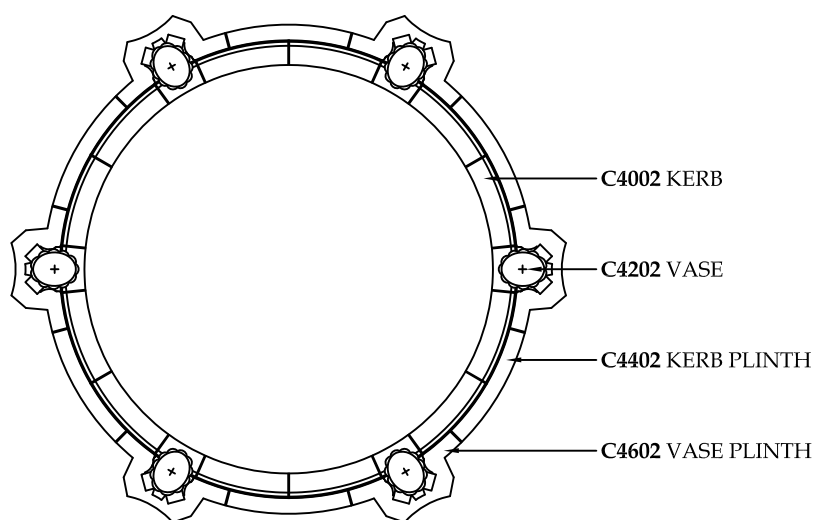


Read in conjunction with tech Sheet P11, P12 and P50

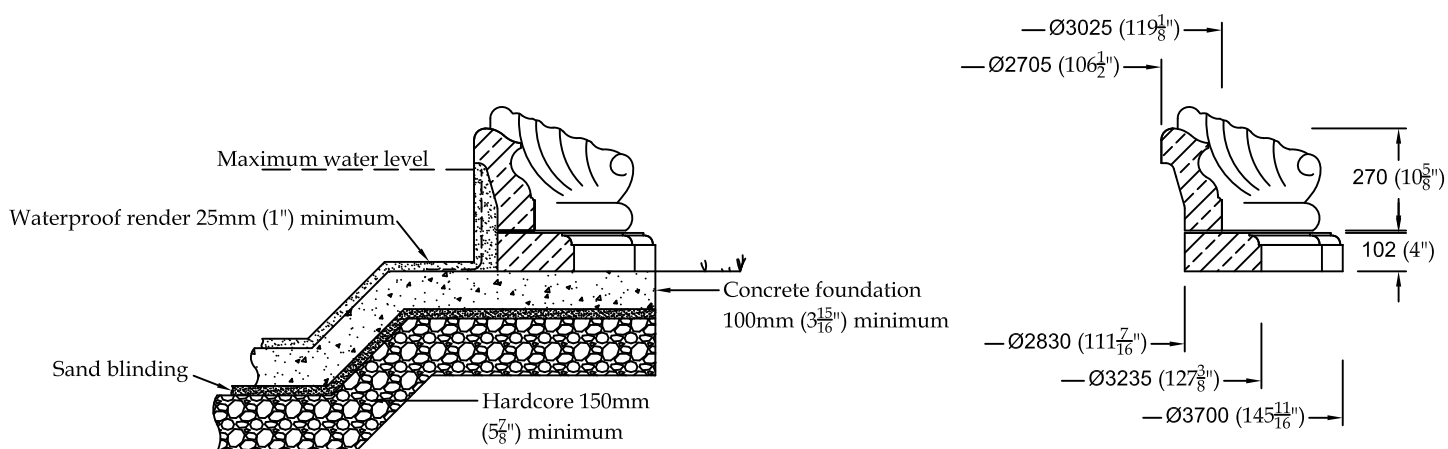
All dimensions exclude joints - allow 6mm (¹/₄") for vertical and bedding joints
Unless otherwise stated, all materials other than stonework to be supplied by others



MEDIUM POOL C4M



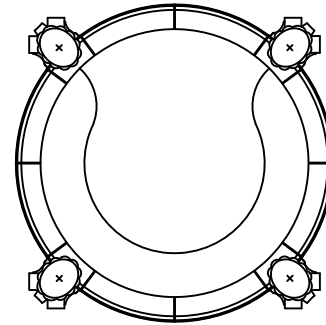
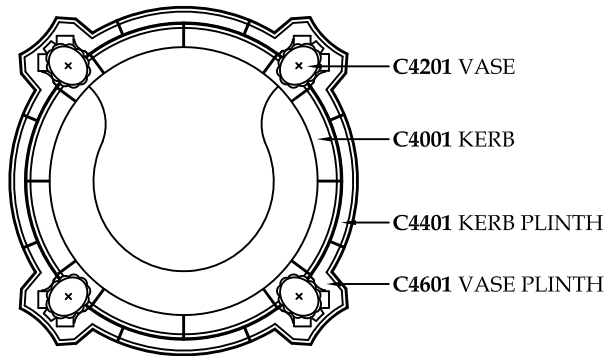
For component listing see catalogue
[Note: Last digit of product code relates to pool size]



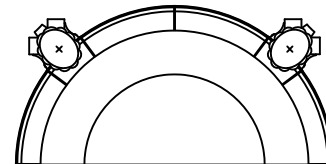
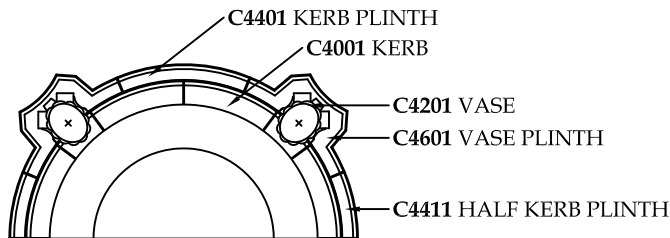
Read in conjunction with tech Sheet P11, P12 and P50
All dimensions exclude joints - allow 6mm (1/4") for vertical and bedding joints
Unless otherwise stated, all materials other than stonework to be supplied by others



SMALL POOL C4S AND HALF POOL C4HS

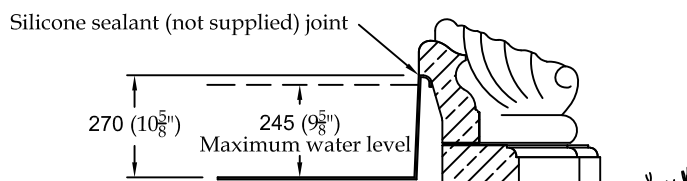
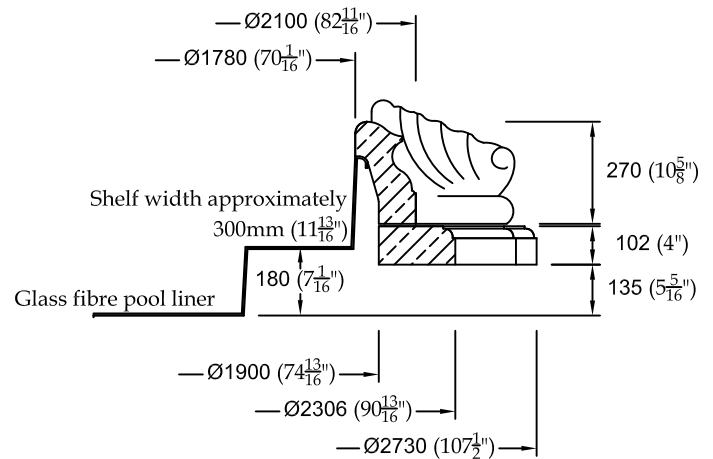
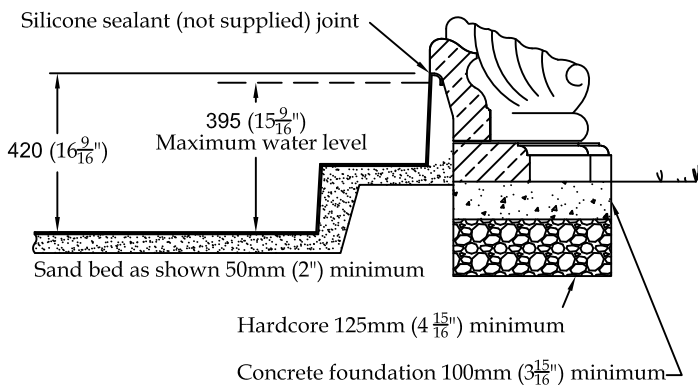


Without plinth sections



Without plinth sections

For component listing see catalogue
[Note: Last digits of product code relate to pool size]



SHALLOW POOL LINER

Liner capacity when filled to maximum water level:

X400	Small pool	910 lts	(240 US gallons)
X430	Half pool	425 lts	(93 US gallons)
X410	Small pool (shallow)	680 lts	(180 US gallons)
X425	Half pool (shallow)	340 lts	(90 US gallons)

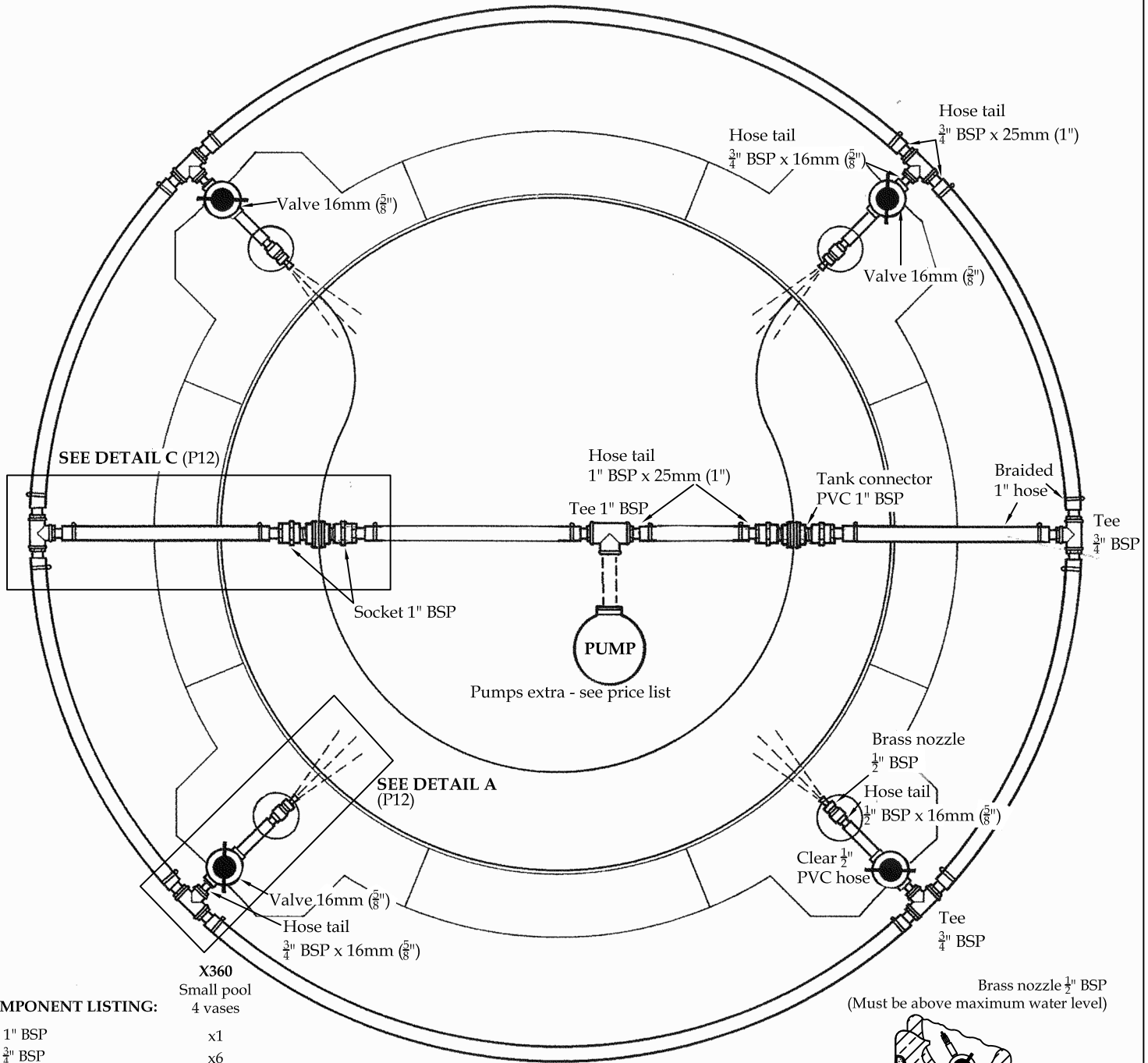
Read in conjunction with Tech Sheet P41 and P42

All dimensions exclude joints - allow 6mm (1/4") for vertical and bedding joints

Unless otherwise stated, all materials other than stonework to be supplied by others



PLUMBING SMALL POOL



COMPONENT LISTING:

Tee 1" BSP	x1
Tee $\frac{3}{4}$ " BSP	x6
16mm ($\frac{5}{8}$ ") Valve	x4
Tank connector 1" BSP	x2
Socket 1" BSP	x4
Hose tail 1" BSP x 25mm (1")	x6
Hose tail $\frac{3}{4}$ " BSP x 25mm (1")	x14
Hose tail $\frac{3}{4}$ " BSP x 16mm ($\frac{5}{8}$ ")	x4
Hose tail $\frac{1}{2}$ " BSP x 16mm ($\frac{5}{8}$ ")	x4
Brass nozzle $\frac{1}{2}$ " BSP	x4
Jubilee clip 1"	x26
Braided 1" hose	-
Clear $\frac{1}{2}$ " PVC hose	-

X360
Small pool
4 vases

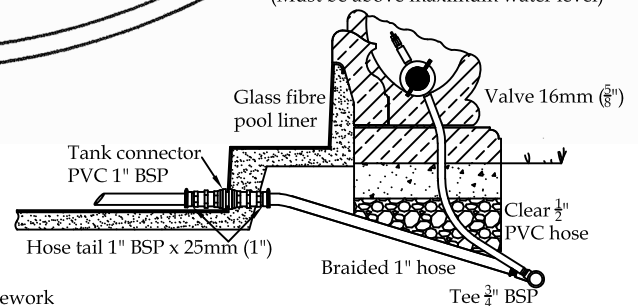
To ensure a watertight seal, all threaded joints require the use of PTFE tape (supplied)

To ease connections, hot water may be used to soften PVC hoses

Consult a qualified electrician to ensure electrical supply conforms with all regulations/codes

Unless otherwise stated, all materials other than stonework to be supplied by others - all hosing to be cut on site

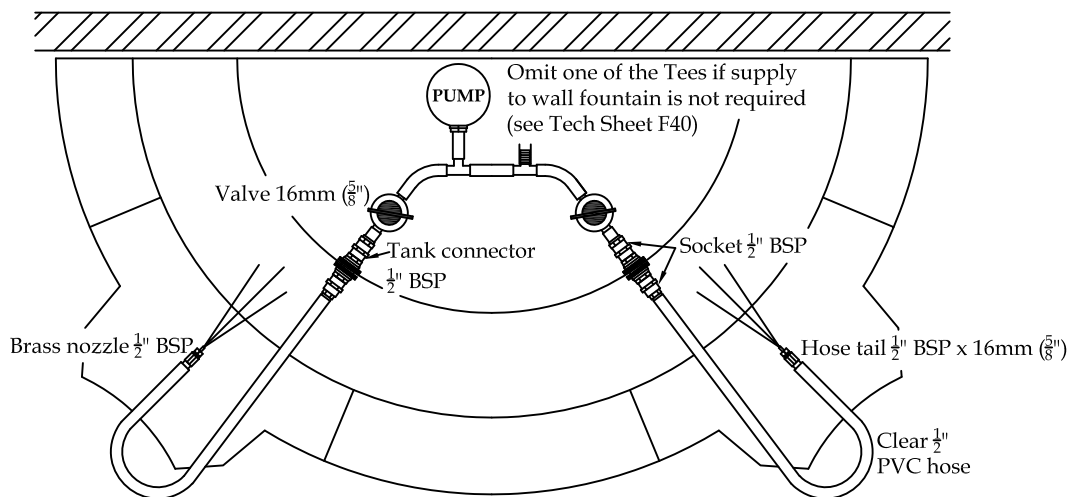
Read in conjunction with Tech Sheet P12 and P40





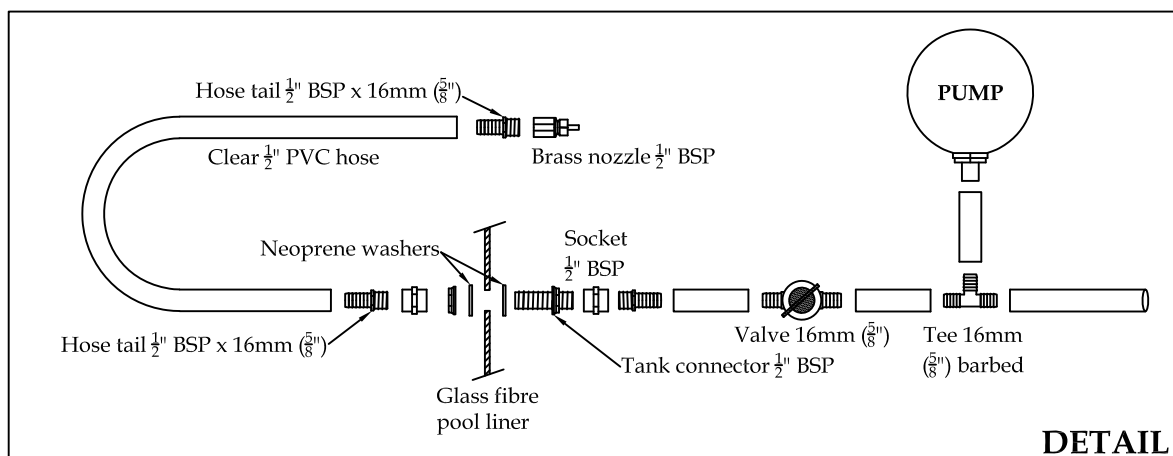
PLUMBING

HALF SMALL POOL (X355A)



COMPONENT LISTING: X355 (Vase sections)

Tee 16mm (5/8 inch) barbed	x 2
Valve 16mm (5/8 inch)	x 2
Tank connector 1/2 inch BSP	x 2
Socket 1/2 inch BSP	x 4
Hose Tail 1/2 inch BSP x 16mm (5/8 inch)	x 6
Brass nozzle 1/2 inch BSP	x 2
Clear 1/2 inch PVC hose	5m (17 ft)



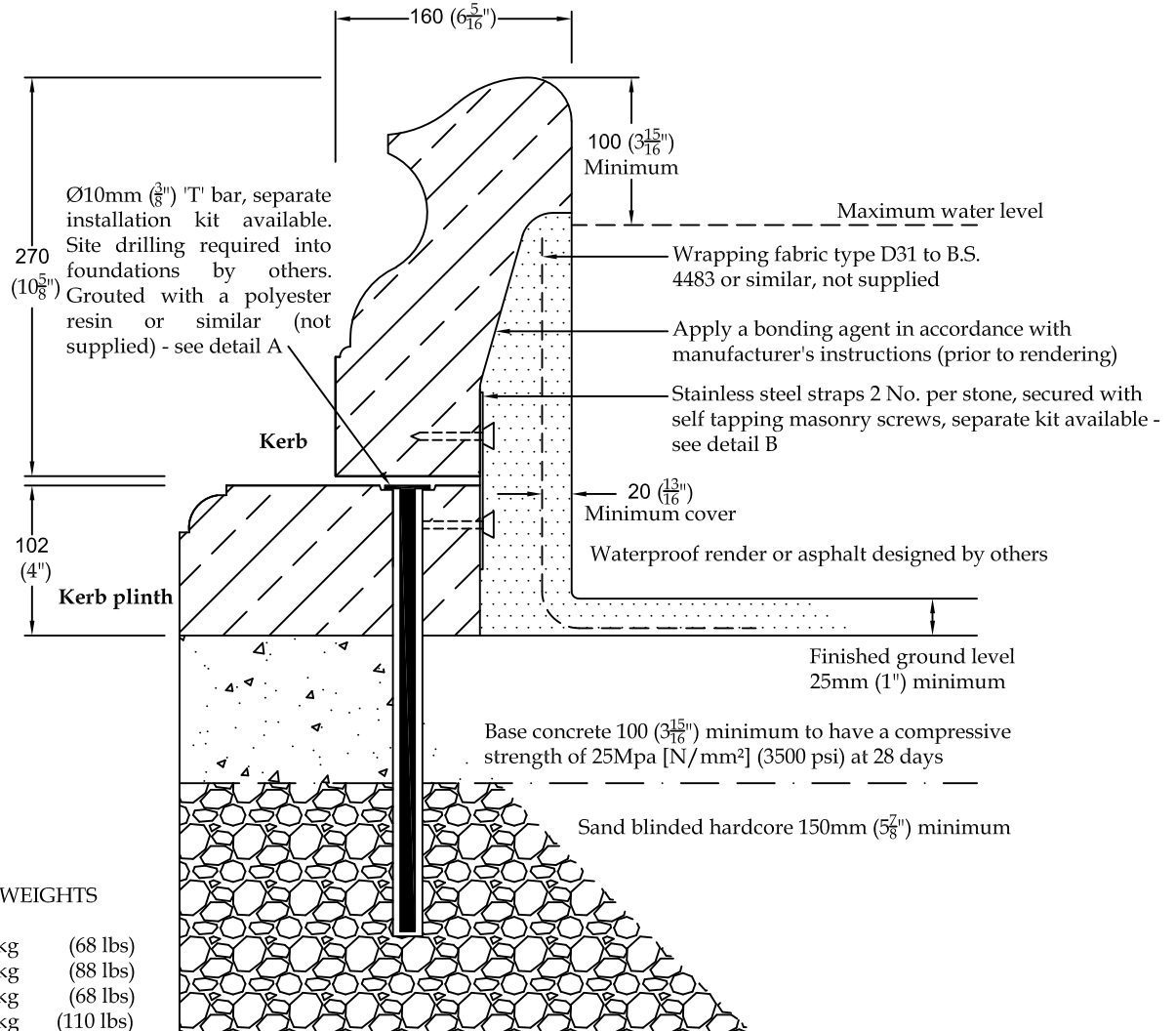
DETAIL

To ensure a watertight seal, all threaded joints require the use of PTFE tape (supplied)
To ease connections, hot water may be used to soften PVC hoses
Consult a qualified electrician to ensure electrical supply conforms with all regulations/codes

Unless otherwise stated, all material other than stonework to be supplied by others - all hosing to be cut on site
Read in conjunction with Tech Sheet P40
Pumps extra - see price list

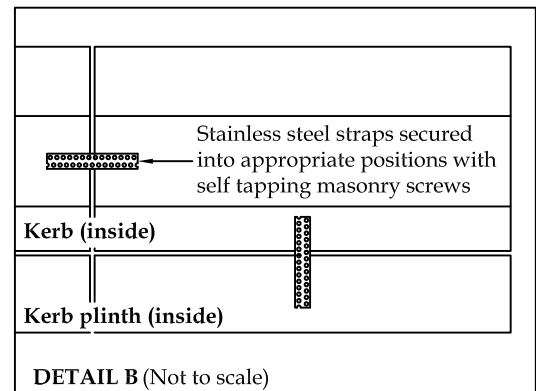
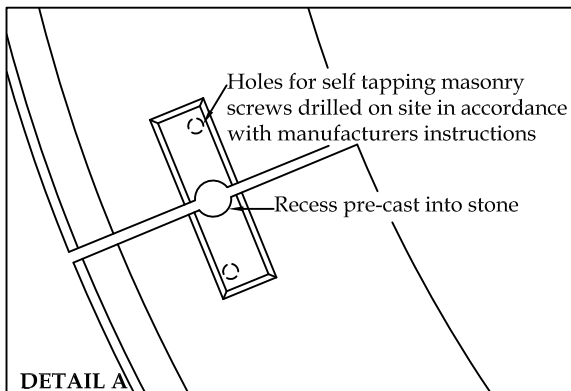


POOL ASSEMBLY DETAIL



TYPICAL AVERAGE WEIGHTS

Kerb section	31 kg	(68 lbs)
Vase section	40 kg	(88 lbs)
Kerb plinth	31 kg	(68 lbs)
Vase plinth	50 kg	(110 lbs)

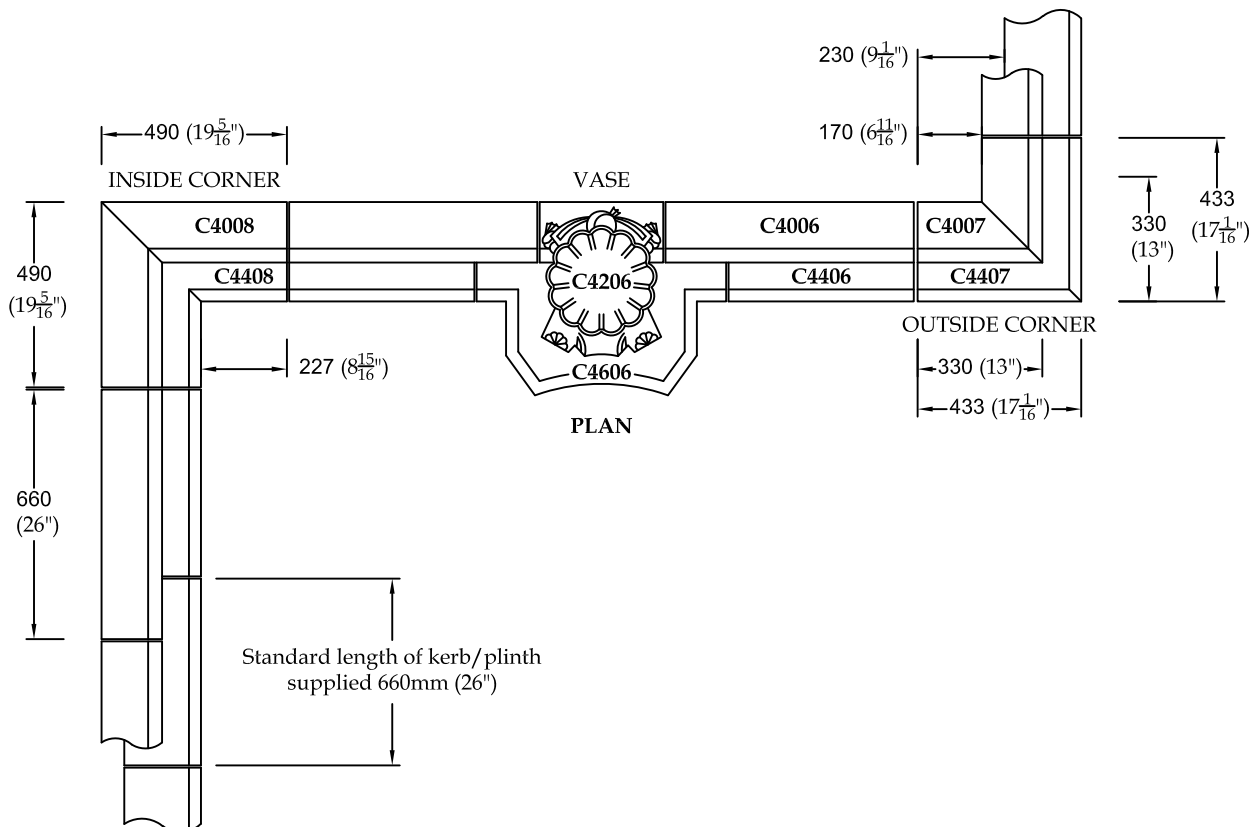
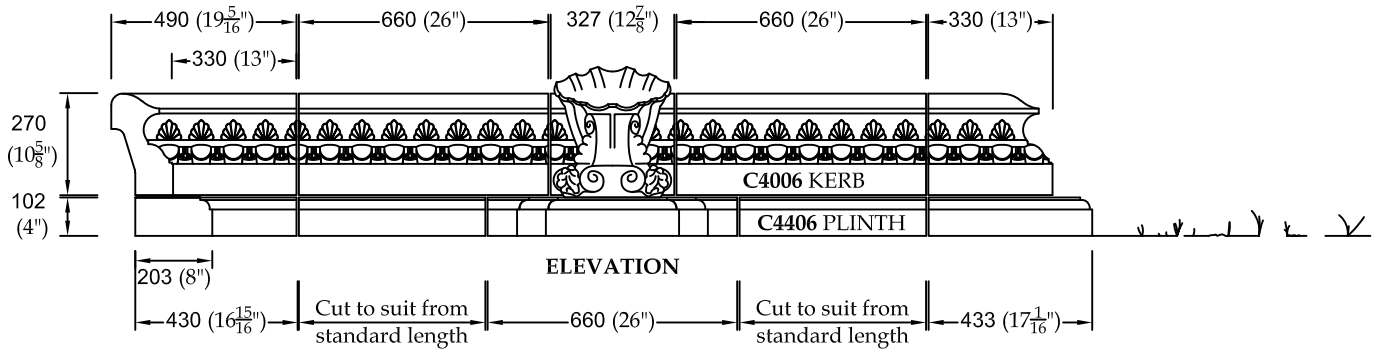


Read in conjunction with Tech Sheet P10, P20, P30, P60 and P80
All dimensions exclude joints - allow 6mm ($\frac{1}{4}$ ") for vertical and bedding joints
Unless otherwise stated, all materials other than stonework to be supplied by others

Note:
To guard against frost damage, drain off water before winter and do not replace it until the hard frosts are past in the following spring



STRAIGHT POOL SURROUNDS



Read in conjunction with P50

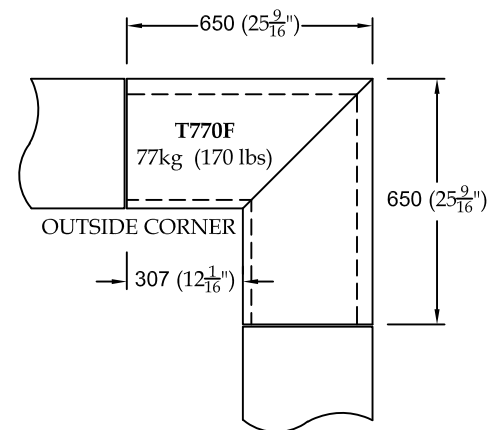
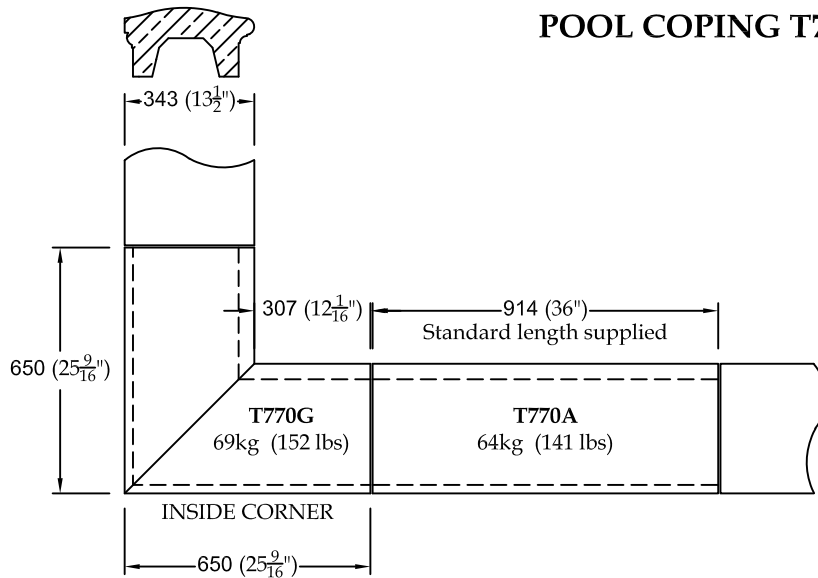
All dimensions exclude joints - allow 6mm ($\frac{1}{4}$ ") for vertical and bedding joints

Note:

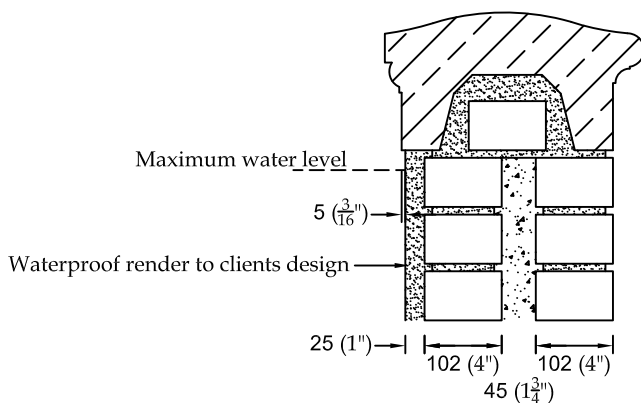
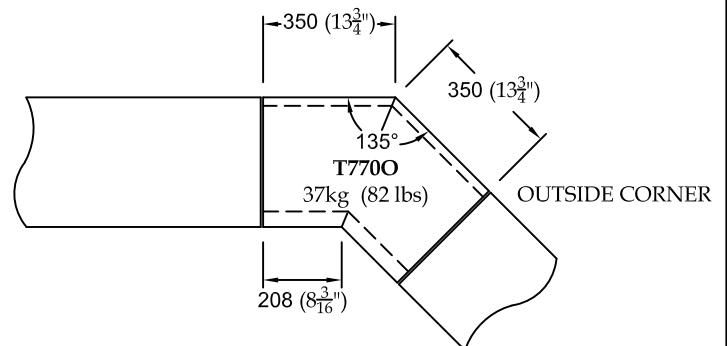
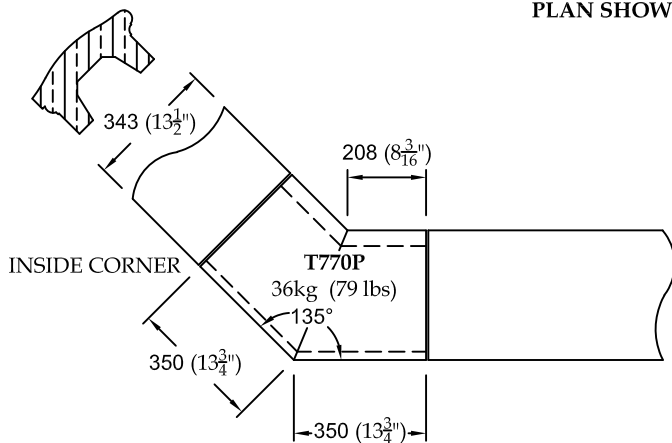
The kerb and plinth mouldings shown are designed to match with the small, medium, large, extra large and extra extra large pool kerbs and plinths.



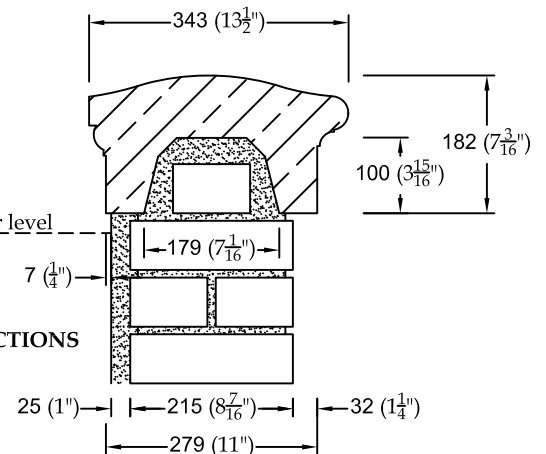
POOL COPING T770



PLAN SHOWING POOL COPINGS



TYPICAL WALL SECTIONS

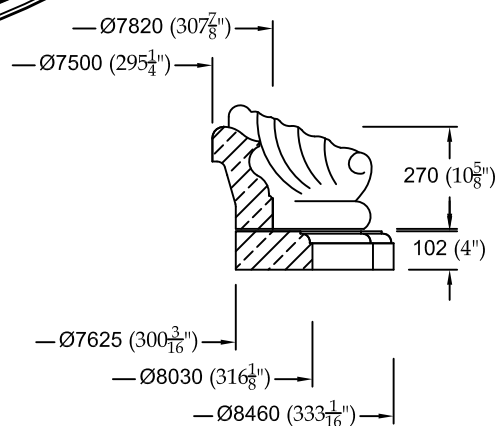
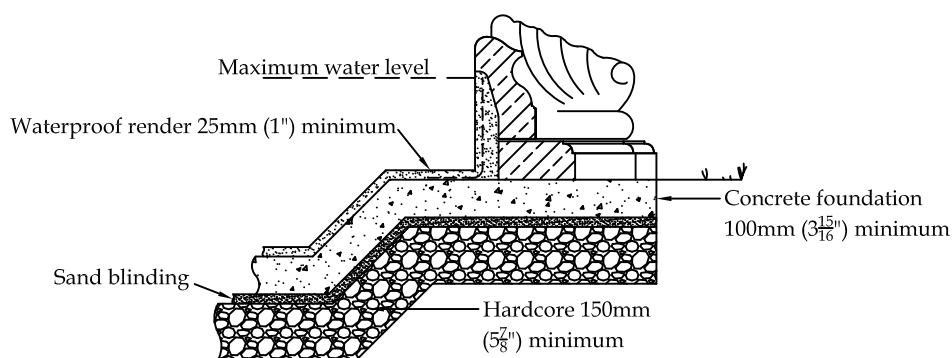
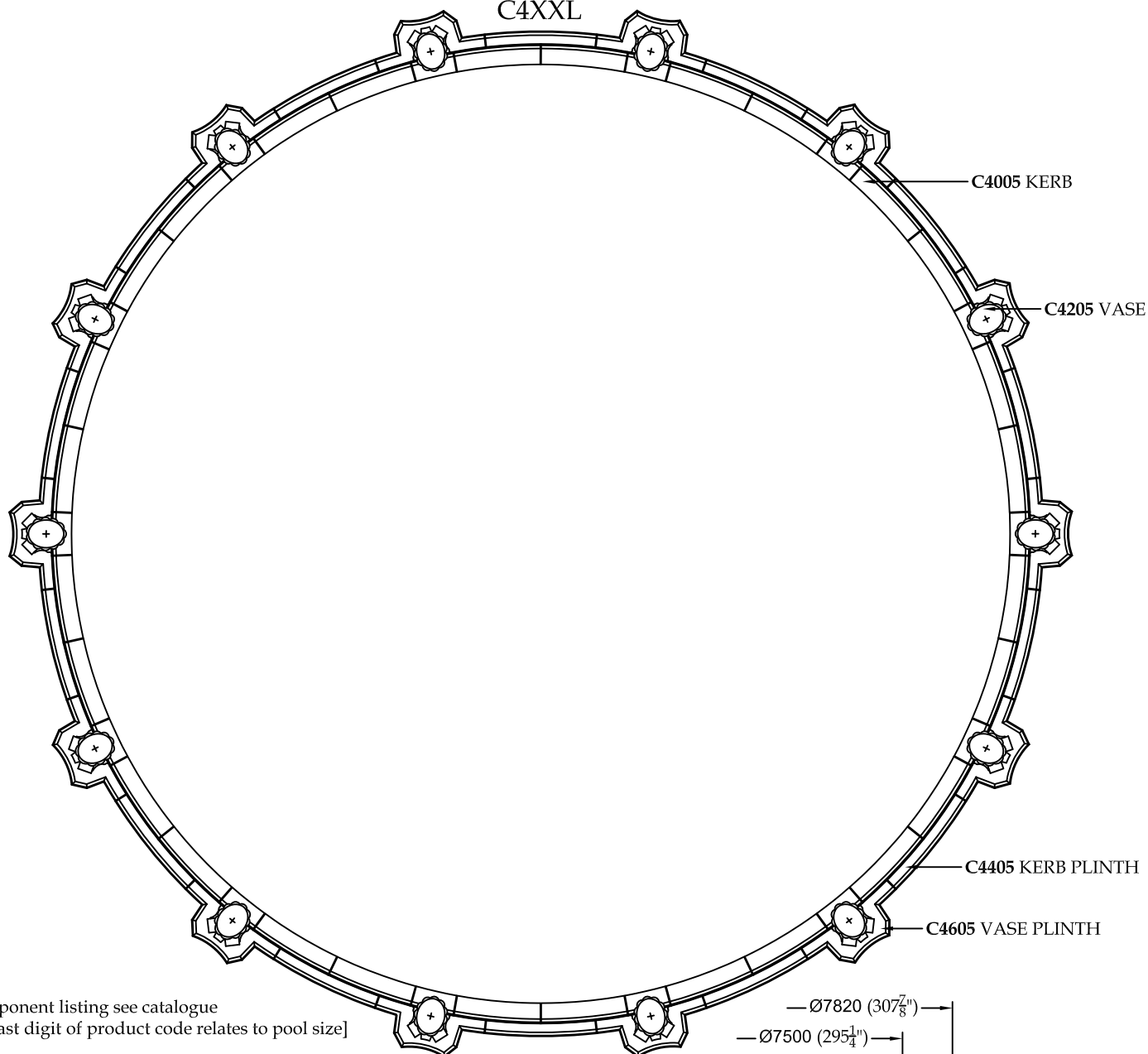


All dimensions exclude joints - allow 6mm (1/4") for vertical and bedding joints
Unless otherwise stated, all materials other than stonework to be supplied by others



EXTRA EXTRA LARGE POOL

C4XXL

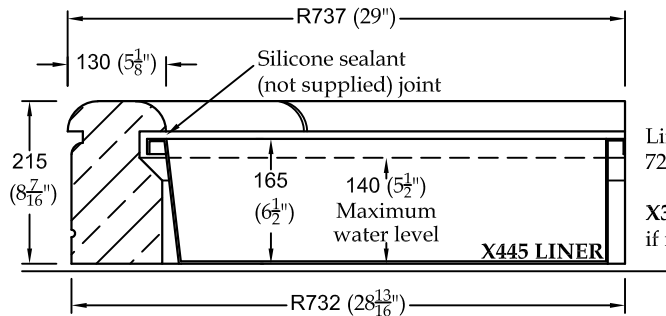
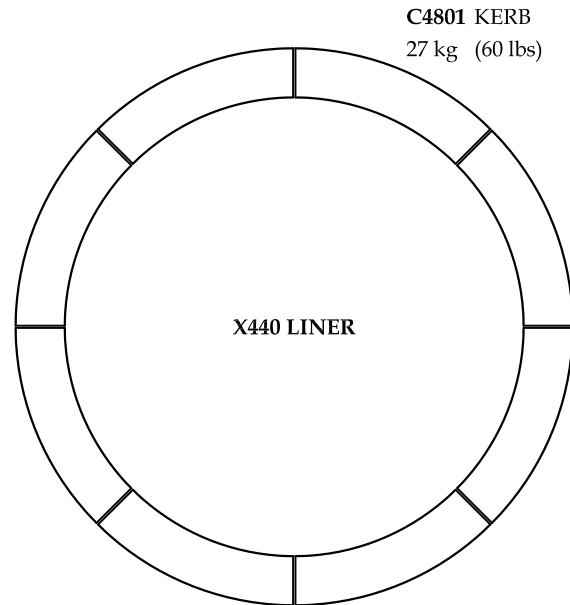
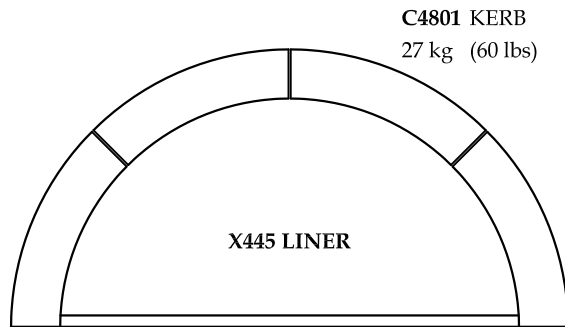


Read in conjunction with tech Sheet P11, P12 and P50

All dimensions exclude joints - allow 6mm (¼") for vertical and bedding joints
Unless otherwise stated, all materials other than stonework to be supplied by others

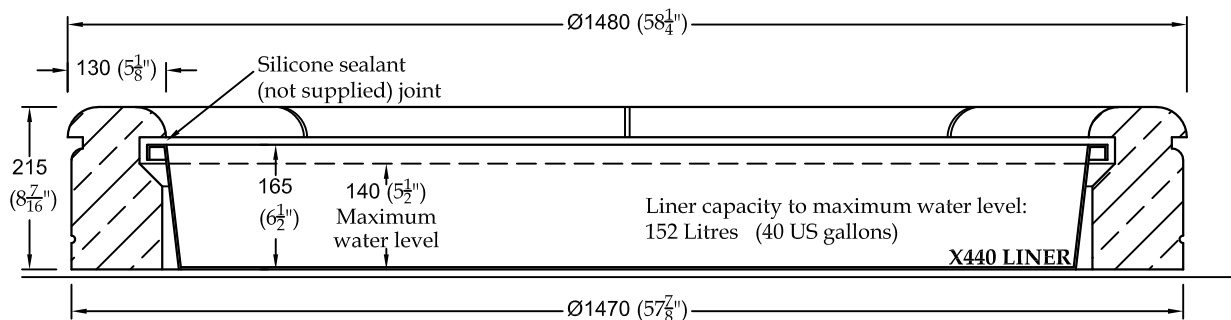


JUBILEE POOL SURROUND JUBILEE HALF POOL SURROUND



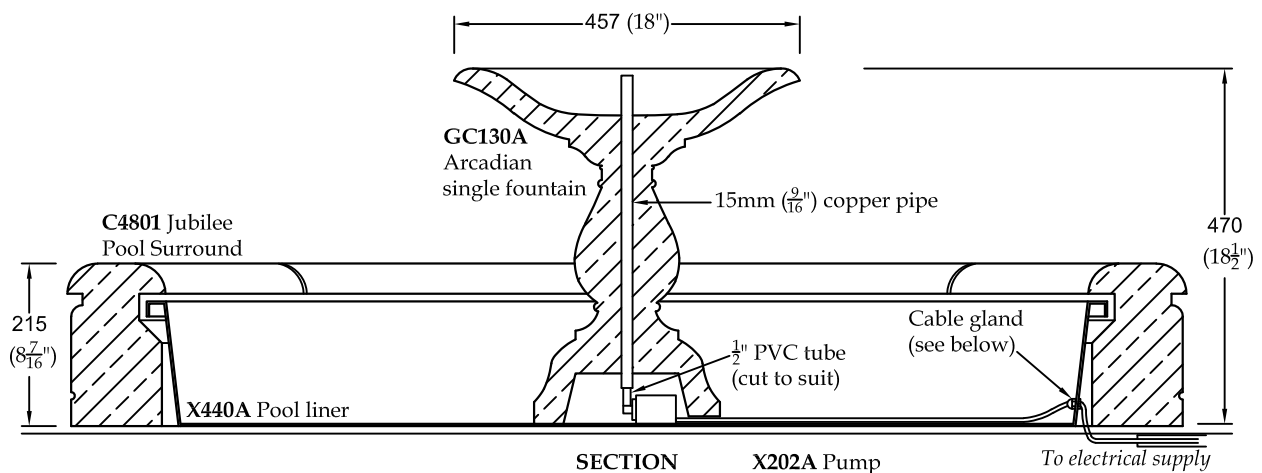
Liner capacity to maximum water level:
72 Litres (19 US gallons)

X354 Cable gland to be fitted by others,
if required, to suit site conditions.



Liner capacity to maximum water level:
152 Litres (40 US gallons)

It is essential that the pool is sited on a firm and level area
Foundations to suit site conditions and loadings (to be designed by others)
Unless otherwise stated, all materials other than stonework to be supplied by others
An 8:1 sand/cement bedding mortar should be used to avoid any pivoting or twisting strain

**JUBILEE POOL
TYPICAL ASSEMBLY**

Cable Gland - Drill liner to suit. Secure gland through liner and seal with silicone sealant (not supplied).

Pass electrical cable through gland and tighten by turning the cap clockwise.

Electrical supply needs to conform with regulations/codes. If in doubt consult a qualified electrician.

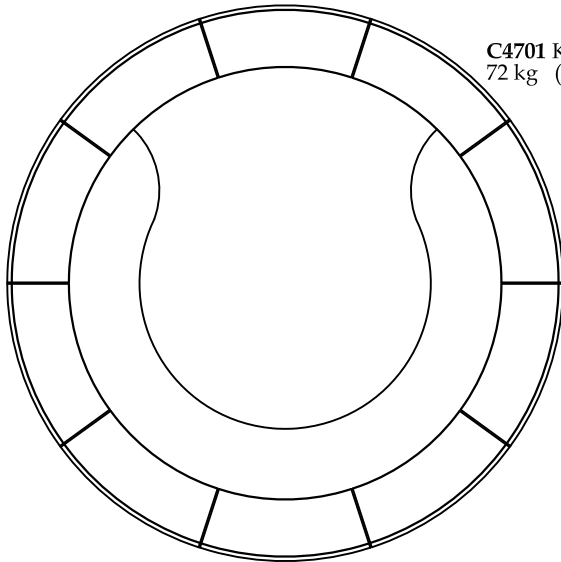
To ease connections hot water may be used to soften PVC piping.

Pump and plumbing details are indicative only and may vary from those shown.

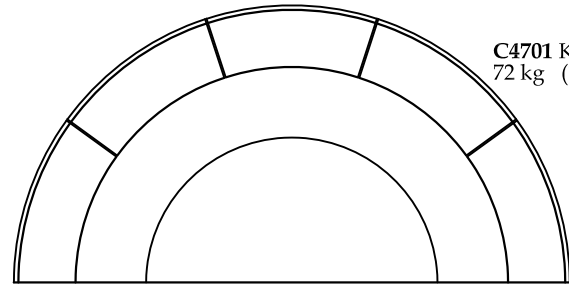
To guard against frost damage, drain off water before winter and do not replace until the hard frosts are past in the following spring.



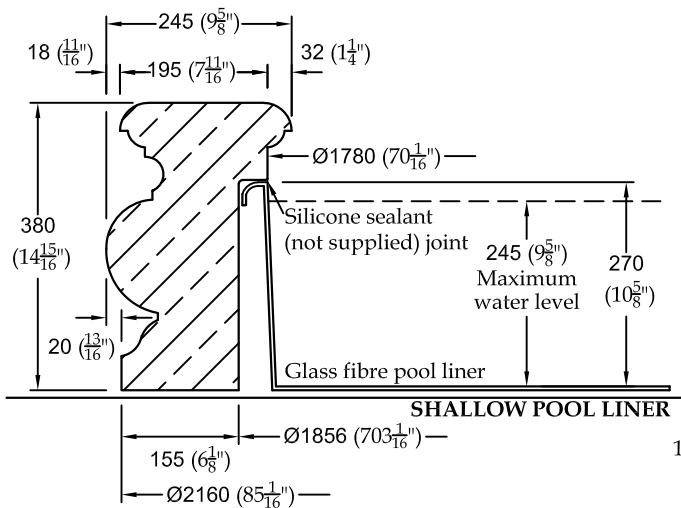
ROMAN POOL SURROUND SMALL POOL C470S AND HALF SMALL POOL C470HS



C4701 KERB
72 kg (159 lbs)



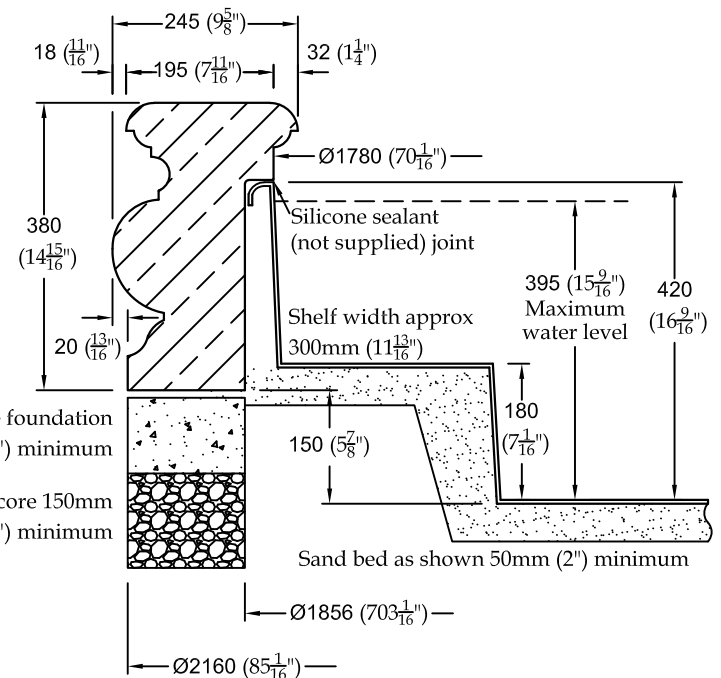
C4701 KERB
72 kg (159 lbs)



SHALLOW POOL LINER

Liner capacity to maximum water level:
Small pool: 680 Litres (180 US gallons)
Half pool: 340 Litres (90 US gallons)

POOL LINER CODES:
X400 Small pool
X410 Half small pool
X430 Small pool (shallow)
X425 Half small pool (shallow)

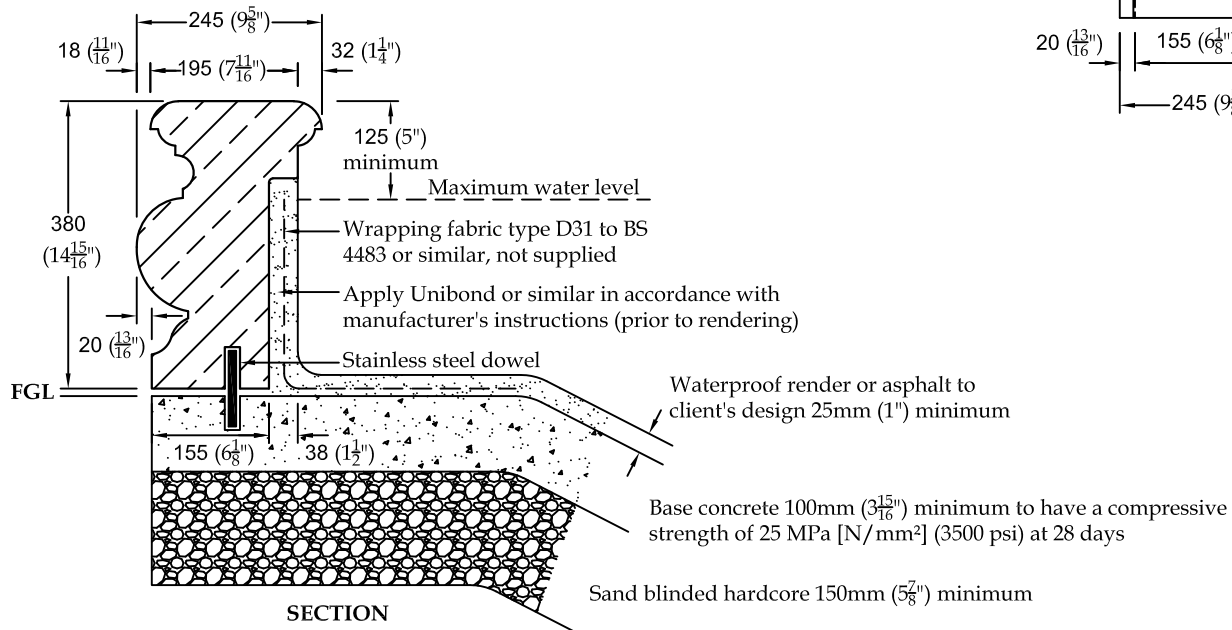
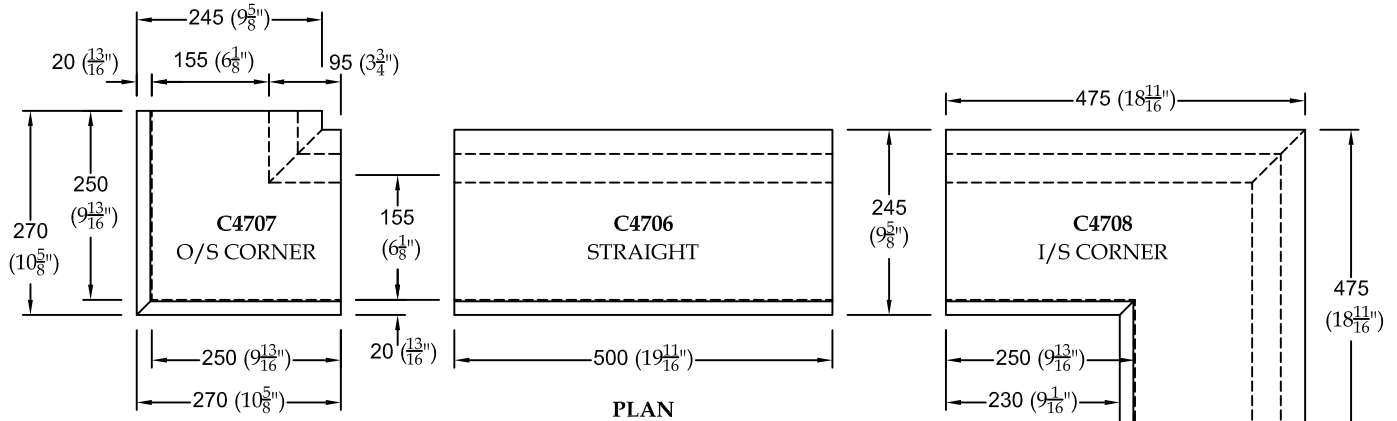


Liner capacity to maximum water level:
Small pool: 910 Litres (240 US gallons)
Half pool: 425 Litres (112 US gallons)

Unless otherwise stated, all materials other than stonework to be supplied by others



STRAIGHT ROMAN POOL SURROUNDS

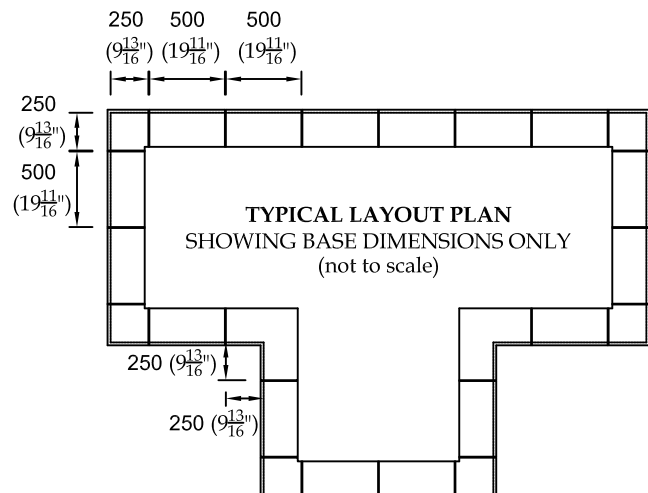


WEIGHTS:

C4706 Straight	60 kg	(132 lbs)
C4707 Outside corner	42 kg	(93 lbs)
C4708 Inside corner	84 kg	(185 lbs)

Ø 10mm (3/8") stainless steel dowels (not supplied) 50mm (2") projection into stone. Holes to be drilled on site to suit by others. Minimum of 2 No dowels per stone secured using a flexible building adhesive such as Evode Serious Stuff, Loctite Fast Grab, or similar

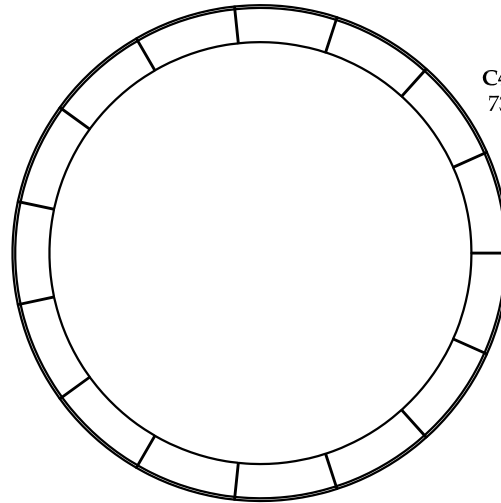
To guard against frost damage, drain off water before winter and do not replace it until the hard frosts are past in the following spring



All dimensions exclude joints - allow 6mm (1/4") for vertical and bedding joints
Unless otherwise stated, all materials other than stonework to be supplied by others



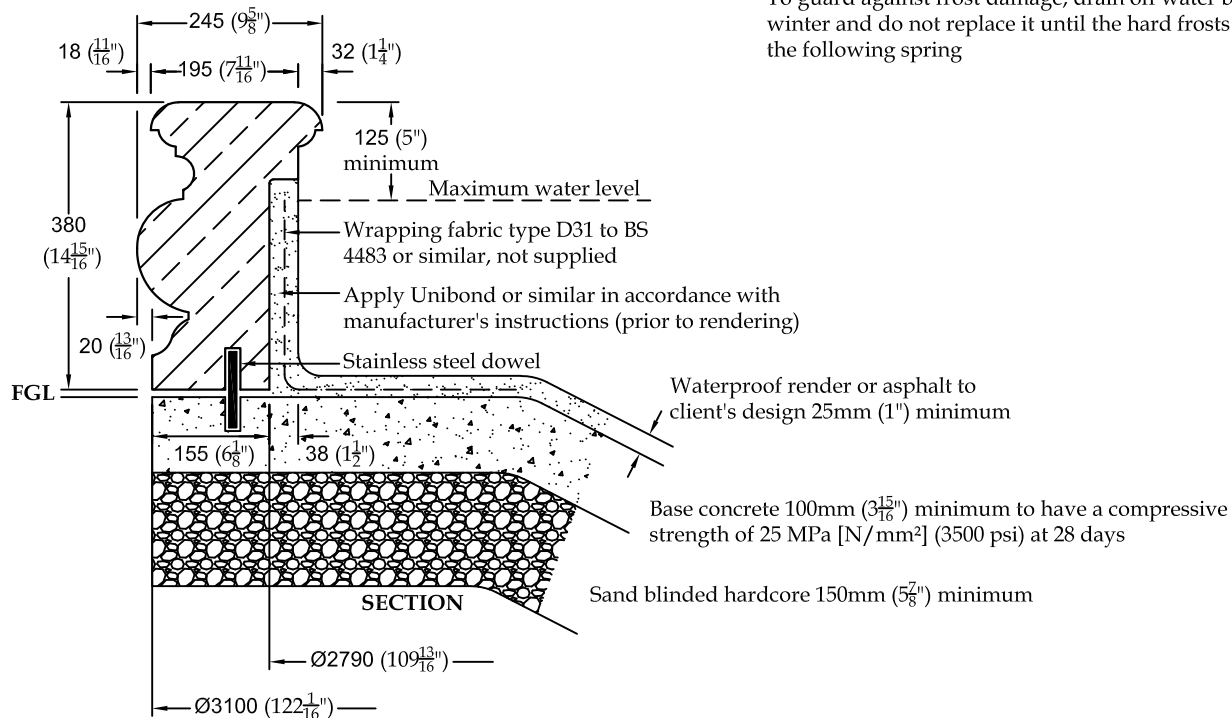
MEDIUM ROMAN POOL SURROUND C470M



C4702 KERB
73 kg (161 lbs)

Ø 10mm ($\frac{3}{8}$ ") stainless steel dowels (not supplied) 50mm (2") projection into stone. Holes to be drilled on site to suit by others. Minimum of 2 No dowels per stone secured using a flexible building adhesive such as Evode Serious Stuff, Loctite Fast Grab, or similar

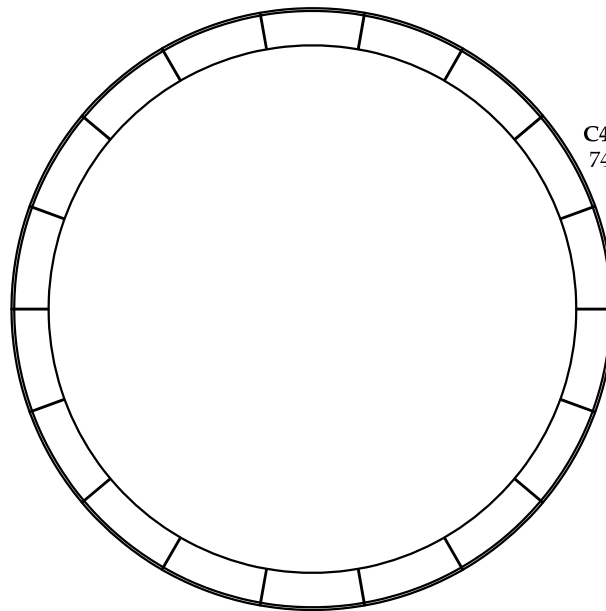
To guard against frost damage, drain off water before winter and do not replace it until the hard frosts are past in the following spring



Allow 6mm ($\frac{1}{4}$ ") for vertical and bedding joints
Unless otherwise stated, all materials other than stonework to be supplied by others



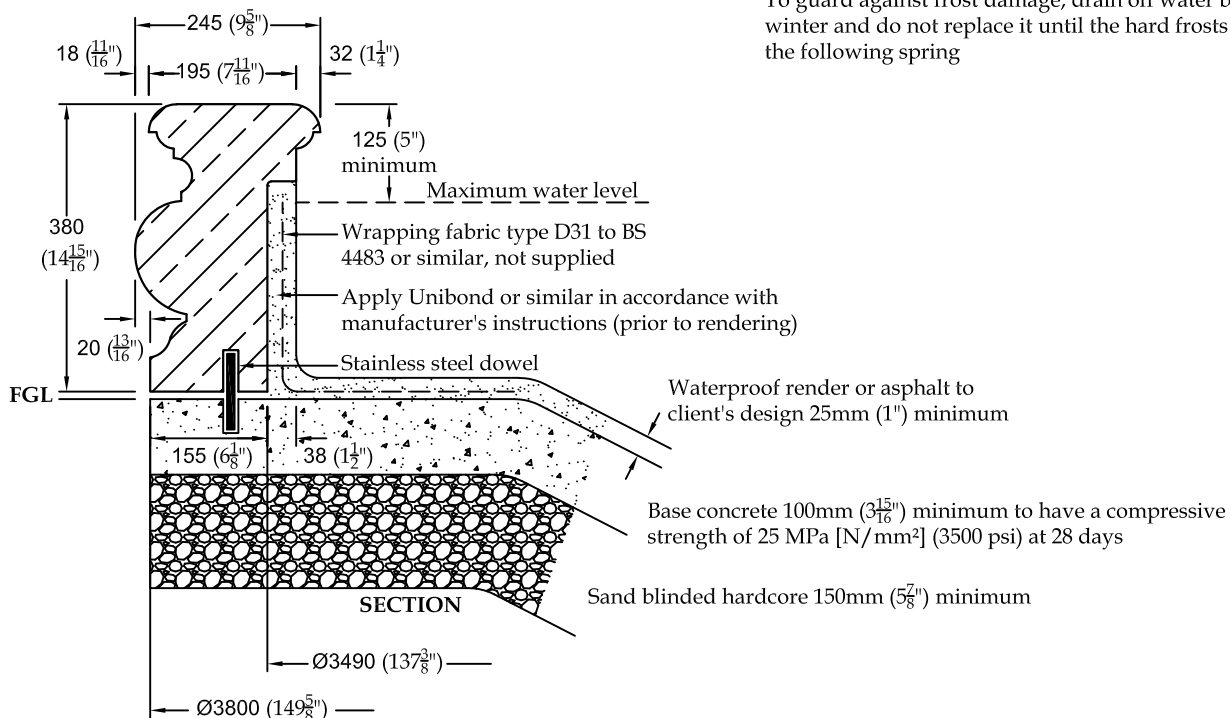
LARGE ROMAN POOL SURROUND C470L



C4703 KERB
74 kg (163 lbs)

Ø 10mm ($\frac{3}{8}$ ") stainless steel dowels (not supplied) 50mm (2") projection into stone. Holes to be drilled on site to suit by others. Minimum of 2 No dowels per stone secured using a flexible building adhesive such as Evode Serious Stuff, Loctite Fast Grab, or similar

To guard against frost damage, drain off water before winter and do not replace it until the hard frosts are past in the following spring



Allow 6mm ($\frac{1}{4}$ ") for vertical and bedding joints

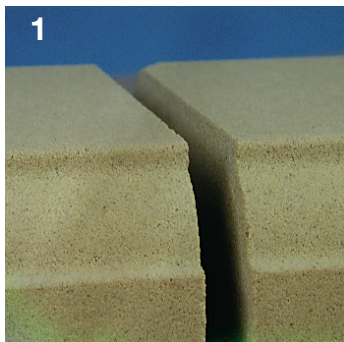
Unless otherwise stated, all materials other than stonework to be supplied by others



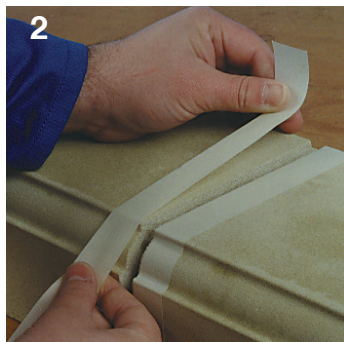
HADDONSTONE

HADDONSTONE POINTING RECOMMENDATIONS

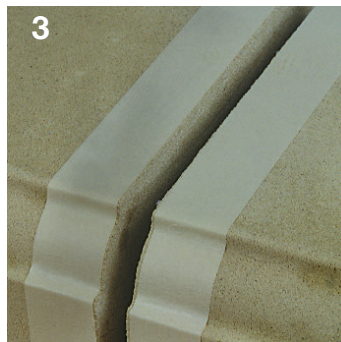
Required: pointing mix, pointing trowel, masking tape, mixing bowl, water, mist sprayer.
Please note: all text and photographs relate to Haddonstone semi-dry pointing mix.



1
Before pointing ensure each 6mm (1/4") joint is free from loose particles. Avoid pointing in extreme conditions, particularly wet and cold.



2
Apply masking tape to both sides of the joint, keeping the tape approximately 1mm (1/16") from the edge of the joint.



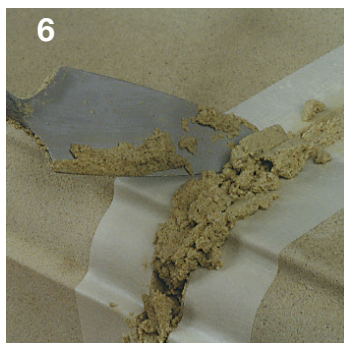
3
The joint is now ready to start pointing.



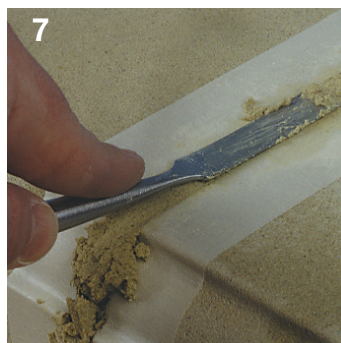
4
Carefully add small quantities of water to the Haddonstone pointing mix, mixing thoroughly to ensure the water is fully dispersed. *See note below.



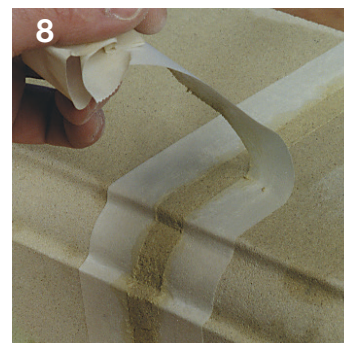
5
The Haddonstone pointing mix is ready to use when it has the consistency of damp sand. *See note below.



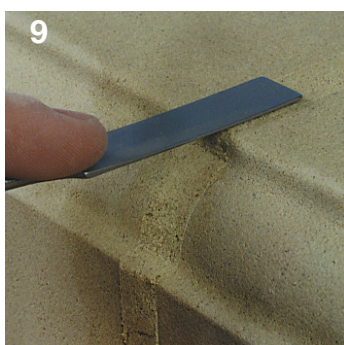
6
Scoop the mix into the joint, pressing with a trowel to ensure an even fill.



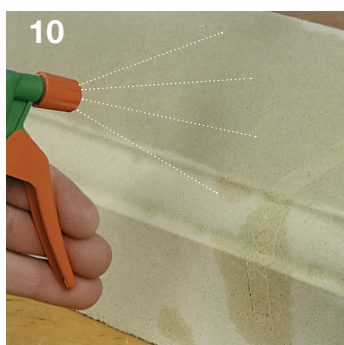
7
Smooth the pointing mix to the profile of the stone, removing any excess pointing mix.



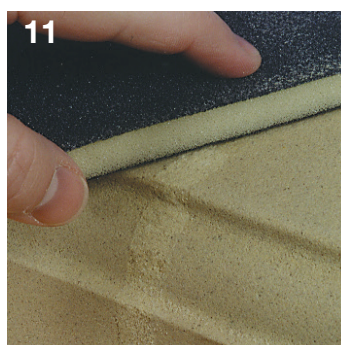
8
Carefully remove the masking tape.



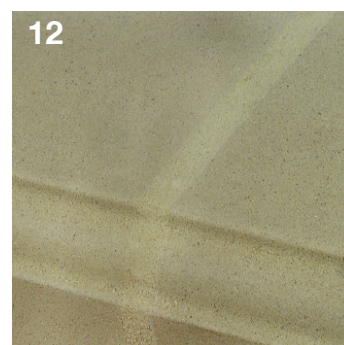
9
If necessary trowel over the joint once more to ensure a flush finish.



10
Apply a fine and even mist of water to the joint to prevent drying out.



11
Any mix residue may be rubbed away with fine abrasive paper 2-3 days after completion.



12
The finished joint.

* NOTE: It would be advantageous to use a waterproofing additive in the mixing water (SBR or other proprietary mortar admixture). The use of too much water can lead to the pointing mix colour and texture becoming unsightly, and the possibility of the mix bleeding into the adjacent cast stone.

Haddonstone Ltd

The Forge House, East Haddon, Northampton NN6 8DB, England
Telephone: 01604 770711 Fax: 01604 770027 info@haddonstone.co.uk

Haddonstone (USA) Ltd

32207 United Avenue, Pueblo, CO 81001, USA
Telephone: 719 948 4554 Fax: 719 948 4285 stone@haddonstone.com

www.haddonstone.com

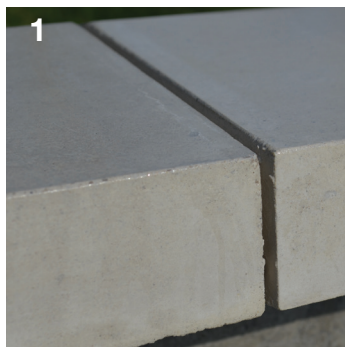


HADDONSTONE

TECSTONE POINTING RECOMMENDATIONS

Required: pointing mix, pointing trowel, masking tape (if required), mixing bowl, water, sponge.

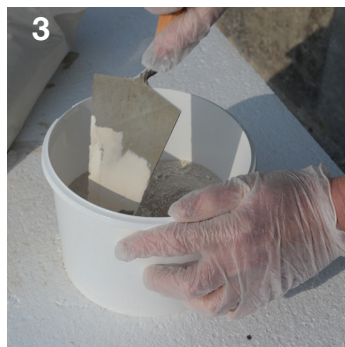
Please note: all text and photographs relate to TecStone pointing mix.



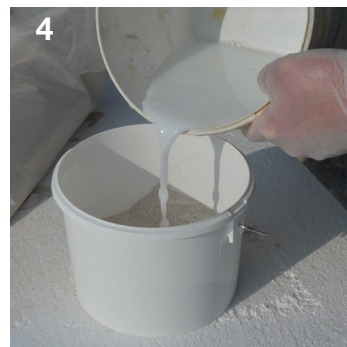
1
Before pointing ensure each 6mm ($\frac{1}{4}$ ") joint is free from loose particles. Avoid pointing in extreme conditions, particularly wet and cold.



2
The TecStone pointing mix is supplied as separately bagged cement and aggregate with an information leaflet.



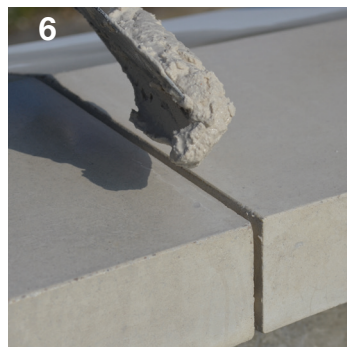
3
The cement and aggregate should first be mixed together dry in the ratio of 1 part cement to 4.5-6.5 parts aggregate.



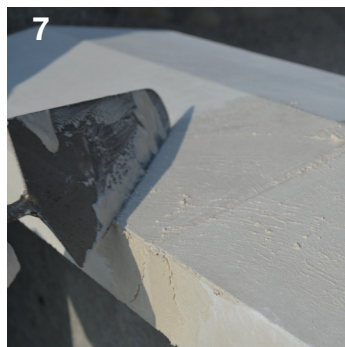
4
Carefully add small quantities of water to the TecStone pointing mix, mixing thoroughly to ensure the water is fully dispersed. *See note below.



5
The TecStone pointing mix is ready to use when it has the consistency of putty. *See note below.



6
Scoop the mix into the joint, pressing with a trowel to ensure an even fill.



7
Smooth the pointing mix to the profile of the stone, removing any excess pointing mix.



8
Wipe over the surface of the joint and surrounding area with a dampened sponge to remove all surplus pointing material off the surrounding areas and ensure a flush finish to the joint.



9
If necessary trowel over the joint once more to ensure a flush finish.



10
Any mix residue may be rubbed away with fine abrasive paper 2-3 days after completion.



11
The finished joint.

* NOTE: It would be advantageous to use a waterproofing additive in the mixing water (SBR or other proprietary mortar admixture). The use of too much water can lead to the pointing mix colour and texture becoming unsightly, and the possibility of the mix bleeding into the adjacent cast stone.

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32207 United Avenue, Pueblo, CO 81001, USA
Telephone: 719 948 4554 Fax: 719 948 4285 stone@haddonstone.com

www.haddonstone.com