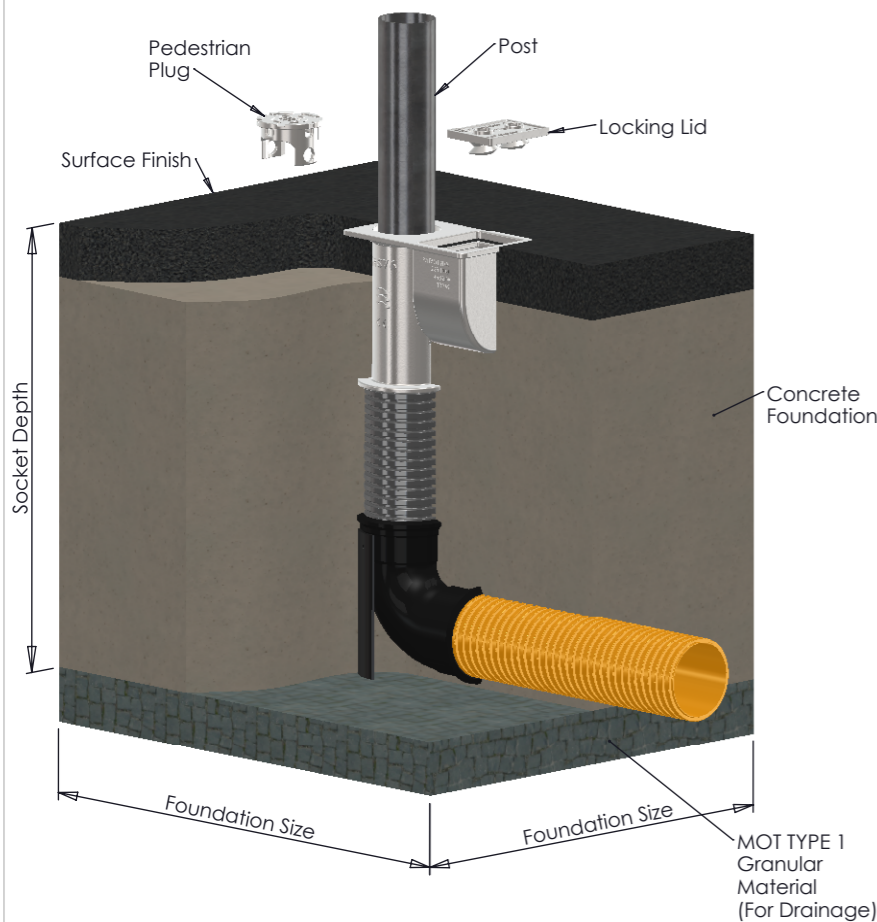
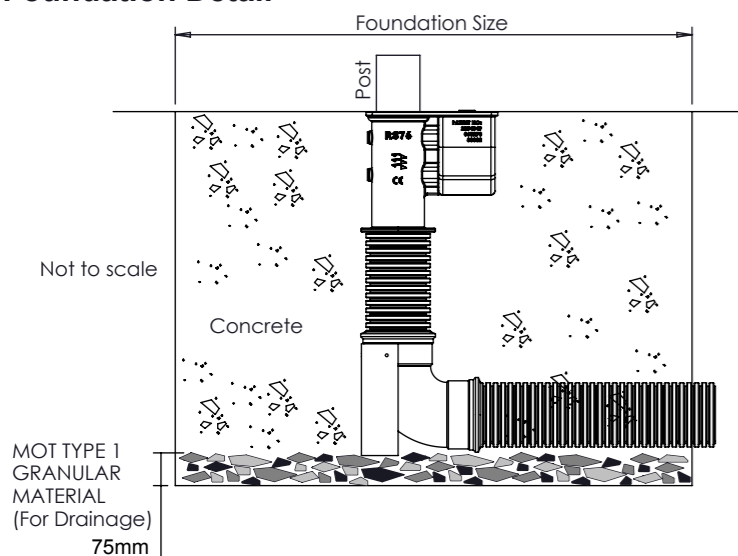


RETENTION SYSTEM™

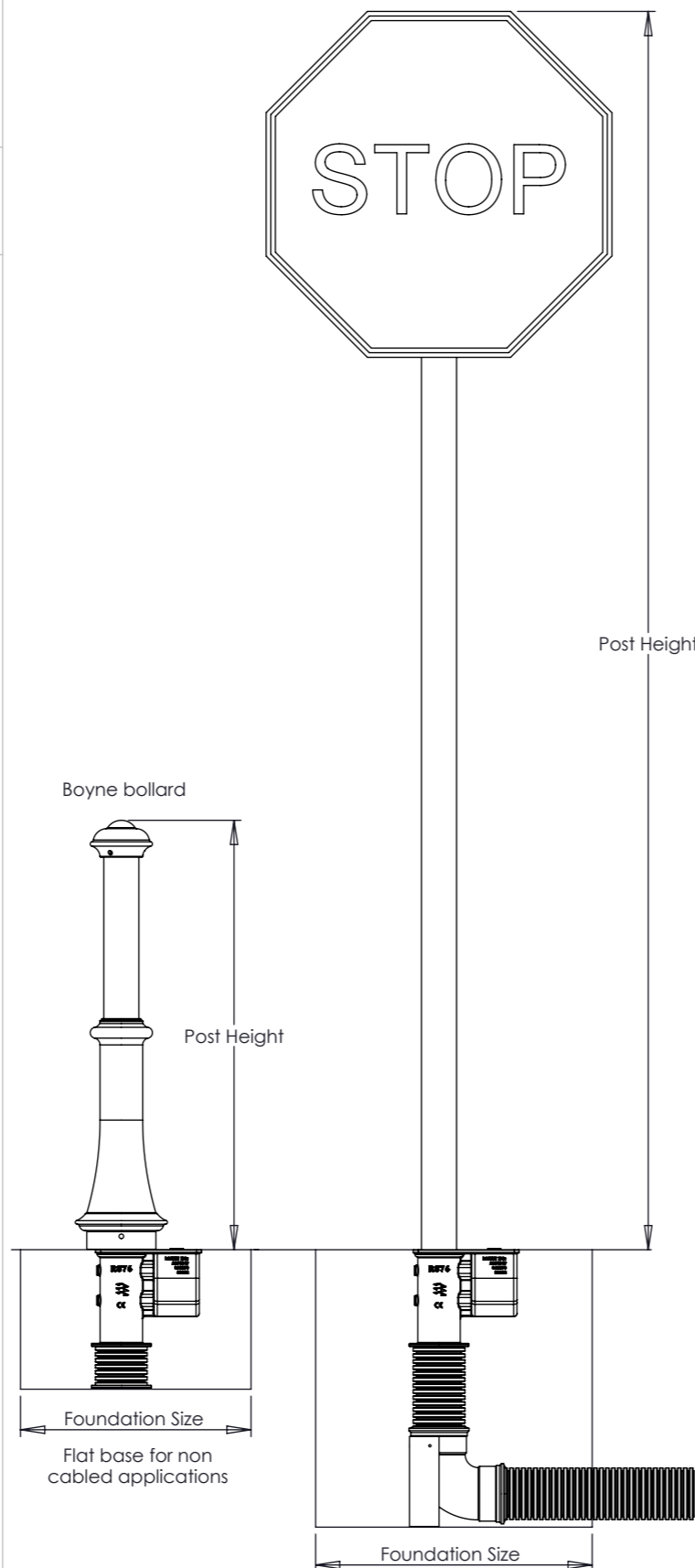
RS76 Foundation Sizing



Foundation Detail



Dimensions



INSTALLATION GUIDELINES FOR THE RS SOCKET

The RS76 Socket should be set into concrete generally in accordance with International Standards or good Codes of Practice for the installation of posts.

1. Prepare hole at least 75mm deeper than the overall height of the RS socket. If depth for socket cannot be achieved, units can be shortened on site. Please contact your supplier for technical support.
2. Compact at least 75mm of MOT type 1 granular material in base of hole.
3. Position RS Socket in centre of hole. For cabled installations connect ducting from remote chamber to swivel bend on socket. Leave draw cord in base of Socket bend.
4. Rotate the Socket head into the required orientation.
5. Remove locking lid, loosen the M16 locking set-screws and remove the pedestrian plug.
6. Install a levelling post (stump pole) in the RS Socket, fasten the locking set-screws and replace the locking chamber lid.
7. Surround with the required amount of concrete (ST4 mix or stronger) See foundation sizes below. Use stump pole to achieve a vertical level.
8. Once vertical level is achieved, compact concrete.
9. Once concrete has been compacted and has begun to cure, carefully remove stump pole and lock the pedestrian plug in place.
10. Replace the locking chamber lid and secure in position. Finish footway with required surface when concrete has cured.

For more detailed foundation sizing on specific site conditions contact your supplier.

Note: Detailed instructions supplied with Socket.

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RS Socket Size	Foundation Size	
	Post Height	
	1m	3.4m
RS76x300	550 x 550 (mm)	910 x 910 (mm)
RS76x600	-	750 x 750 (mm)

Foundation sizes shown here are based on loadings calculated using EN40-3-1:2000 and are guidelines only. For more detailed foundation sizing on specific site conditions contact your supplier.

International Information

The RETENTION SYSTEM and RS sockets are patented trademark products. For further advice on RS sockets and accessories, please contact your supplier. For international information and enquiries please see the website.

www.retention-system.com

SCALE	DRAWN	DATE	CHK'D	DATE	SHEET	DRAWING NAME
1:15	SMCG	08/04/2010			1 OF 1	RS76 Foundation sizing
DRAWING NUMBER						PART NAME
11.09.27.15.25						RS76 Foundation sizing
REVISION	DATE	BY	DESCRIPTION			