

## Method Statement for Excavating and Concreting New Street Furniture Foundations. Dated 18.06.12

<u>No.</u>	<u>Operation.</u>	<u>Method and Sequence.</u>	<u>Plant.</u>	<u>Labour.</u>	<u>Notes.</u>
i	Induction	Ensure all operatives have Specific Site Induction.(Sites Only)		Operatives	Sign Book
1	Existing Services Inspection.	Use Statutory Services drawings and CAT Detector with Jenny to locate and <b>MARK</b> existing Services. Also examine nearby Manholes and access Chambers to determine the direction, depth and type of services before excavating.	CAT, Jenny Manhole Keys Sprayline.	2 Men NRASWA certified and CAT Trained.	Services not detailed should be reported to the relevant authority for further advice.
2	Barrier Works Site and mark out Excavation Works.	Mark out Foundations and Ducting Route in accordance with the survey drawings provided. Barrier the complete foot print of the site with Yellow pedestrian barrier system, inc reflective boards, courtesy name board & Anti Vandal clips.	Tape, Chalk Sprayline. Barrier system. Anti Vandal clips	2 Men	Obvious Drawing Errors /new obstructions should be reported to the client.
3	Surface Removal.	Tarmac, Flags or Block Paviers should be edge cut and removed as necessary. Stacked neatly within barriers for reuse where possible.	Hand Tools Stihl Saw Water Spray.	2 Men	*PPE COSHH
4	Excavate Foundations and Ducting.	A Truck Loader is used to excavate the foundations. parked at 90 degrees adjacent to the works on the road or behind, with Banksman supervising services and pedestrian traffic.	Truck Loader Hydraulic Breaker Hand Tools	2 Men NPORS Operator	Spoil Disposed of by Parks Construction. NPORS Operator.
4a	Hand excavate if services present.	If services are identified at inspection , <b>HAND DIG</b> area shoveling into loader bucket to be placed directly onto truck.	Hand tools Loader only	2 Men NPORS Op	Parks Construction. to recycle spoil.

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5	Set and level jig.	The Metal jig is set in place and the required bolt attachments are added. The Earth Mat and services duct is also positioned		2 Men	Foundation legs or J bolts as per drawings.
6	Place Concrete and level.	Either Ready Mix Trucks pour the Concrete directly into the Excavations, Chapter 8 Guidelines apply. Or the truck loader is used to place the concrete from off the truck to the excavations.	Ready Mix Poker if necessary Truck Loader.	2 Men NPORS Operators	PPE, Glasses, gloves Boots, Hi Viz. Water available at site.
7	Secure and clean Area.	The Surrounding area is then cleaned and the barriers re-secured using 1.2m secure Hi Viz fencing & anti vandal clips for security. Suitable lighting and signage is left at site where appropriate.	Barriers, Cones Signs and Lights.	2 Men	NRASWA regs Hi Viz yellow barrier system.
8	Remove Frame.	The jig is later removed and the site re-secured ready for the Street Furniture installation. Followed by Reinstatement works.		2 Men	Road Safety Equip left for Installation.
9	Lay Ducting, cable and Warning Tape.	The Ducting with cable are placed in the excavated trench and electric warning tape put over 100mm of backfill. Then layered.	40mm duct, cable and warning tape.	2 Men	Backfilled to surface to prevent trip hazard.