

A guide to RIBA Stages and elemental

| RIBA STAGE | RIBA STAGE | Materials management | Soils | Water and Air | Biodiversity | People | Emissions |
|------------|---|--|--|---|---|--|--|
| 0 | Strategic definition | Look at OPERATIONAL ENERGY USAGE of any plant proposed e.g. pool heating | Determine that the project will have a Soil Management Plan in place (SMP) | Define storm water management and site discharge Explore on site water harvesting for Re- use | Prioritise brown field site selection Preserve existing habitat Build Biodiversity habitat enhancement into the brief | Consider green travel plan Consider access to green space in brief | EMBED elemental audit into brief Take responsibility for embodied carbon in your design Consider longevity and end of life Consider local contractor definition and use of green energy during construction |
| 1 | Preparation and Brief | Considering prioritising existing materials and infrastructure | SMP in Brief | Define sustainable drainage Define water use requirements Outline a strategy for storage / permeable surfaces | Commission Ecology baseline survey | Consider how the space will be used by communities / people Plan for consultation if required | Familiarise yourself with elemental carbon dashboard |
| 2 | Concept Design | RUN PROJECT THROUGH elemental MAKING EARLY ASSUMPTIONS | | | | | |
| 3 | Developed Design / spatial coordination | Consider risks to retained landscape fabric | Coordinate with all consultants to ensure minimal damage in landscape | Consider sustainable drainage with biodiversity strategy where possible creating better water places for nature | | | Using data from elemental - prioritise LOW CARBON materials Create a Carbon target 8kg/m2 is LOW 80kg/m2 is VERY HIGH |
| 4 | Technical Design | UPDATE PROJECT IN elemental RECORDING ALL ELEMENTS | | | | | |
| 5 | Construction | Visit site to check that the materials spec is being adhered to Check certification on timber etc | Check SMP is being followed | | Check habitats / trees etc are being cared for | Check workers are working under CDM | Check that contractor is operating in an energy efficient manner - local labour and green energy where possible |
| 6 | Handover | Ensure aftercare instructions are delivered at handover | | Ensure any water feature SUDS schemes have maintenance schedules | Ensure a Landscape management plan is in place | Ensure signage is in place to enable people to engage with the space | ADVISED but OPTIONAL You might record actual vs budget by using the comparison tool in elemental |
| 7 | In Use | CONSIDER RUNNING THE elemental MAINTENANCE AND MANAGEMENT MODULE | | | | | |