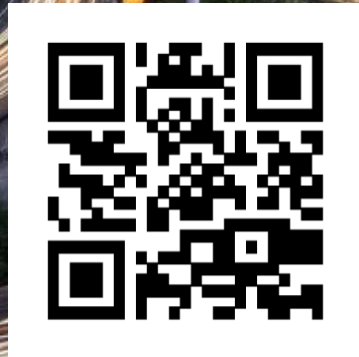
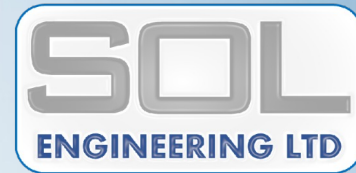


Engineering solutions for a better tomorrow



SOL. Our Passion. Our Mission.



At SOL, we've been involved in enough demolition, enabling and basement construction projects to see the fracture in the current industry, where projects are missing out on early engagement. It is time for a change.

With our early collaboration, we want to help your project by:

- ❖ *Asking the right questions early and promote outside the box thinking*
- ❖ *Drive innovation, streamline and enhance tender solutions*
- ❖ *Provide project betterment through SOL's USP of buildability experience*
- ❖ *Save time & reduce project costs*
- ❖ *Provide assurance to the delivery programme based on experience*
- ❖ *Investigate opportunities for materials reuse and savings*

We have a service that *will* enhance the success of your project!



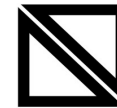
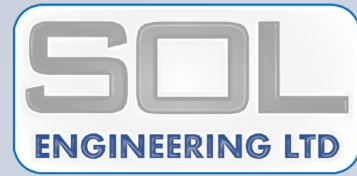
Why SOL?



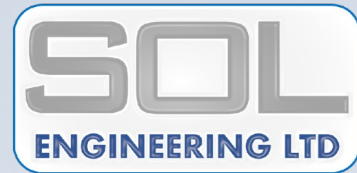
- We have a proven track record in problem solving in demolition and construction industry in both project sequencing, scope overlap and temporary works
- We're trusted by many in the industry and have worked on some of the UK and Ireland's most complex and illustrious schemes
- Our contracting experience includes preconstruction for demolition, substructure and superstructure construction and site solutions including temporary works design
- Key interface in site engineering management for complex projects such as Marble Arch Place, Shard Place, 30 Grosvenor Square and others
- Ability to unlock complex sequence challenges in large-scale and small-scale developments including façade retentions, crane bases, cut and carve projects, logistics and deep basement construction



Trusted by our Clients



Company Services



**Early Project
Solutions**

Preconstruction

**Temporary
Works
Engineering
Design**



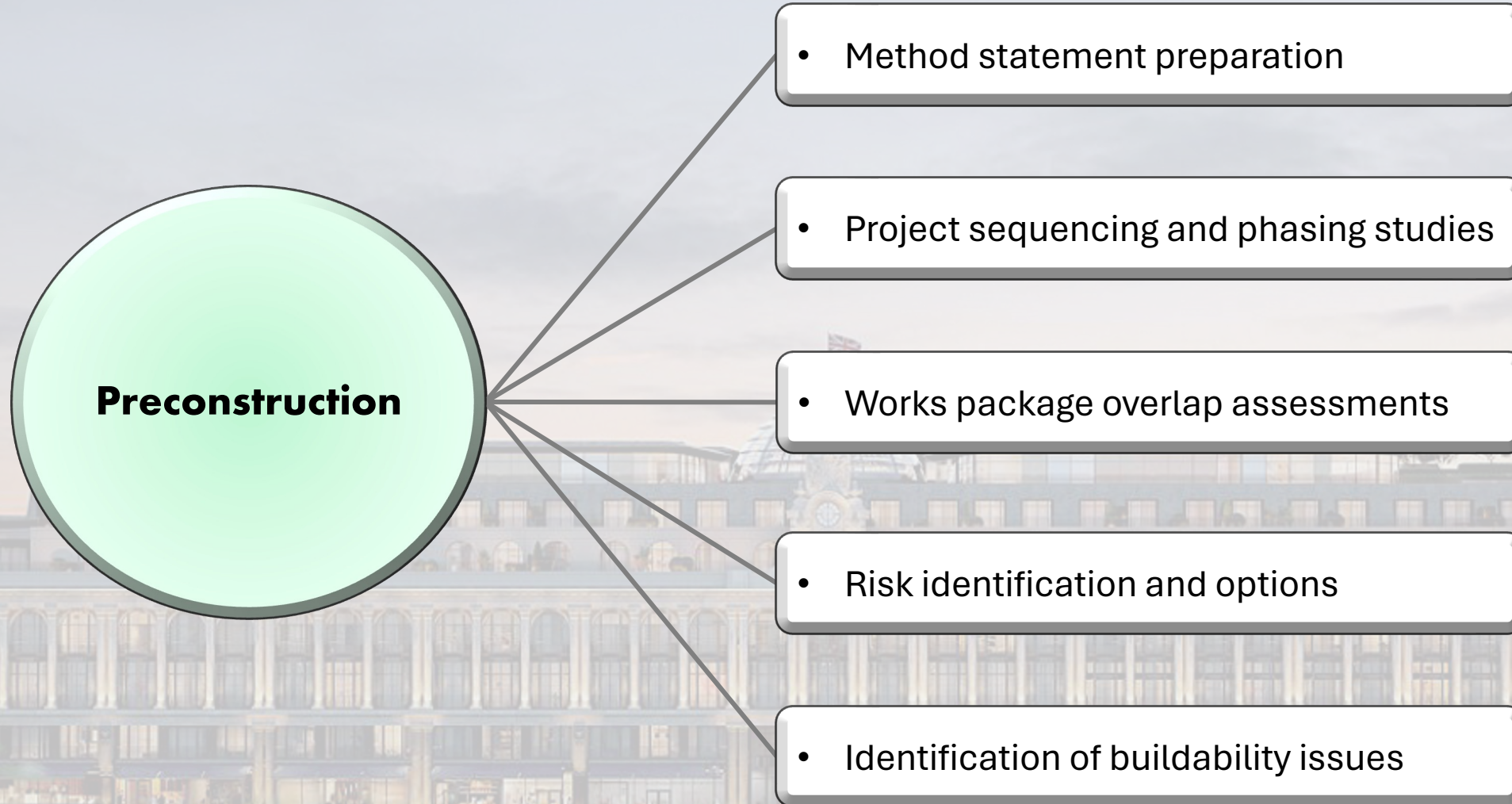
Company Services

Early Project Solutions

- Demolition & construction feasibility assessments including material reuse
- Buildability review & constraint consideration
- Works package overlap assessments
- Risk identification and solutions
- Party wall approval assistance



Company Services



Company Services

Temporary Works Engineering Design

- Demolition and construction engineering solutions
- Project Team assistance and Contractor temporary works review
- CAT 3 checking for third party approvals
- Approval in Principle preparation
- Coordination of temporary works including 3d modelling



Early Engagement to Maximise Efficiency

- Primary service focus solution from SOL following years of Preconstruction experience
- Seen as a key missing element in Preconstruction and early project solutions leading to missing project value
- Adds significant early benefit to the project by identifying and solving demolition and construction buildability issues
- Utilises RIBA Stage 2 and Stage 3 to develop and assess alternative construction solutions and sequencing
- Provides tendering contractors with an additional information which de-risks tender returns and enhances submission qualities for all tenderers
- Unlocking key constraints through thought out build sequence and highlight areas for the contractors to pay extra attention

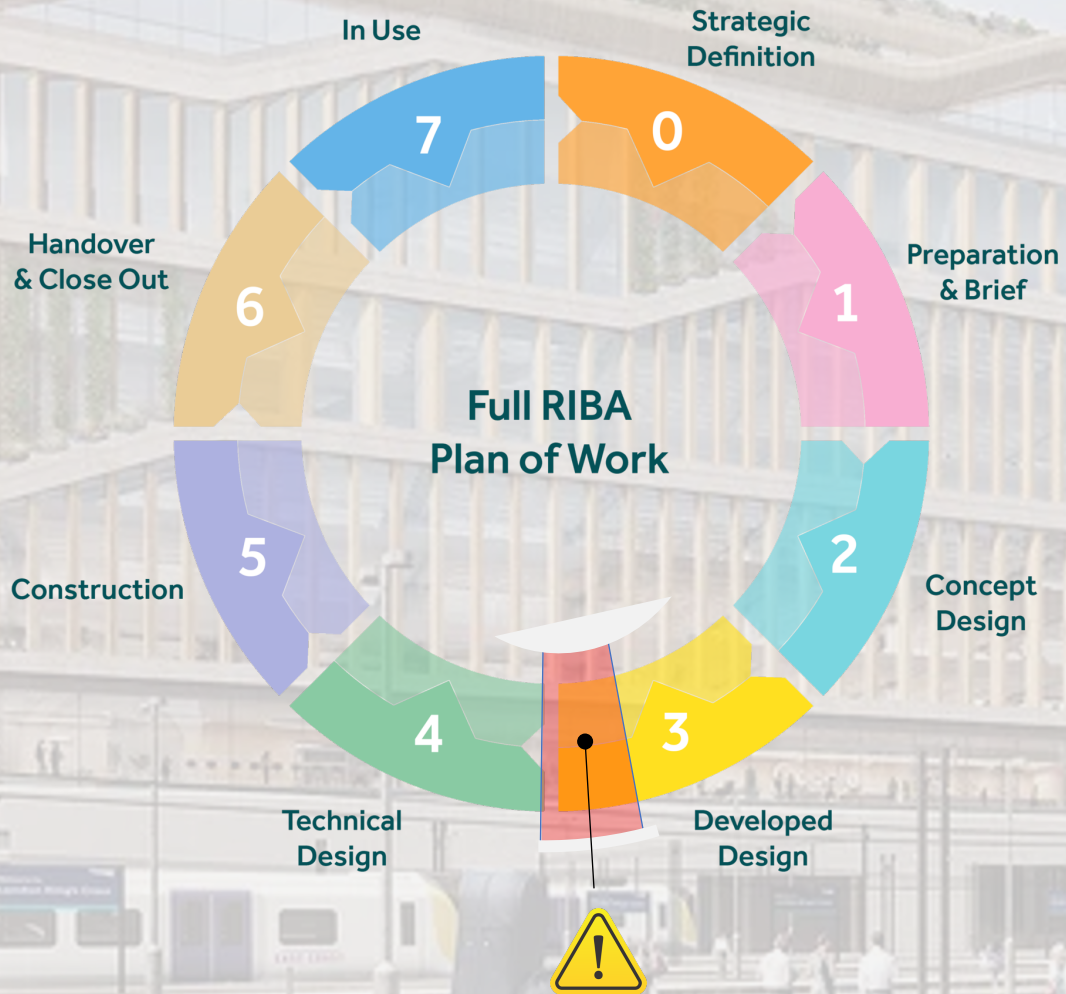


Have you unlocked the full potential of your project?


SOL
ENGINEERING LTD



The Current Industry Drawbacks



Risks to the Project Team

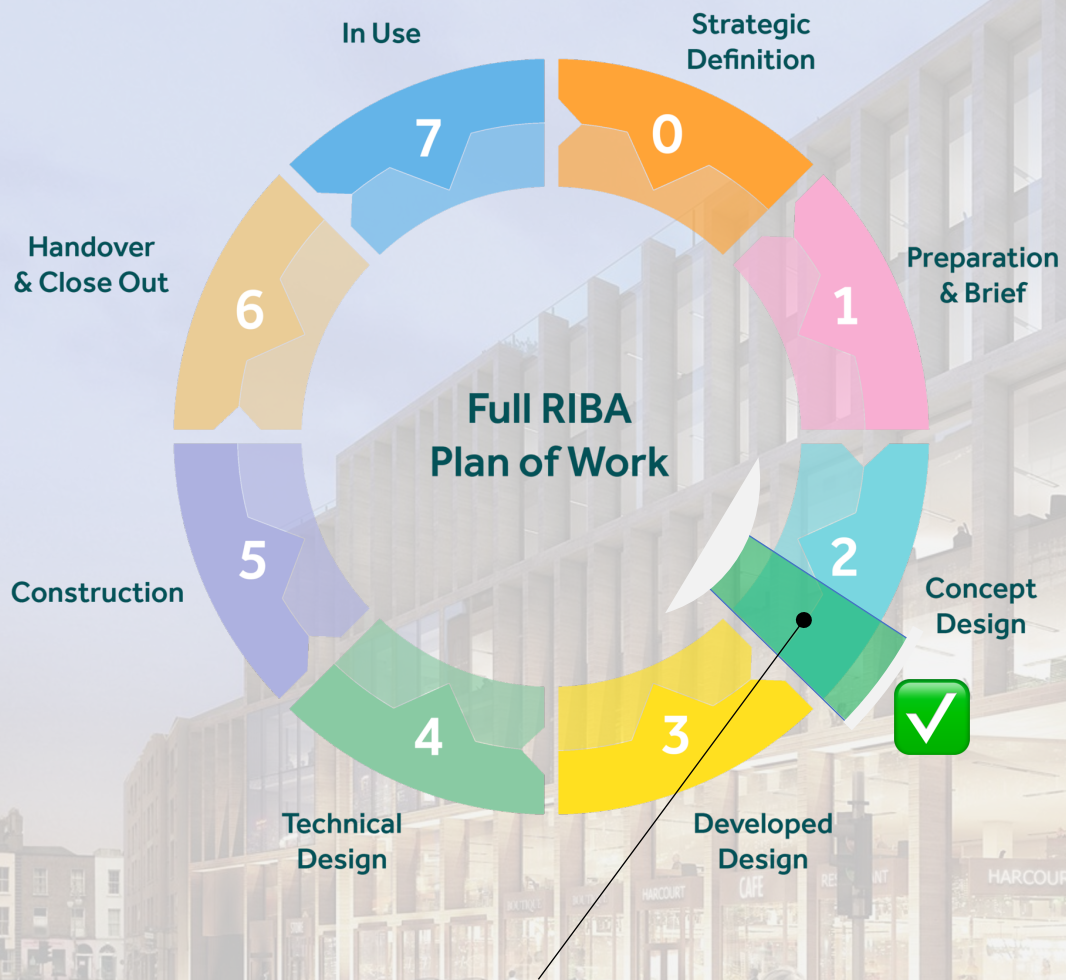
- Tendering Contractors lose time trying to ascertain buildability solutions often focusing on this to the detriment of other areas
- Multiple *Tender Queries* on areas without specialty engagement resulting in cost, sequence and programme tender delays and extension requests
- *Vague* information leading to inaccurate programme, cost or risk monies
- Overall loss of finite precision in the detail around demolition, construction and project interfaces
- **Tender point is already beyond cost-saving changes** 

Enabling Works Tendering Point

Identification of risks associated with Developed Design due to buildability constraints



The 'SOL'ution



The Point of Success

Early engagement here will streamline the demolition, piling and enabling works packages

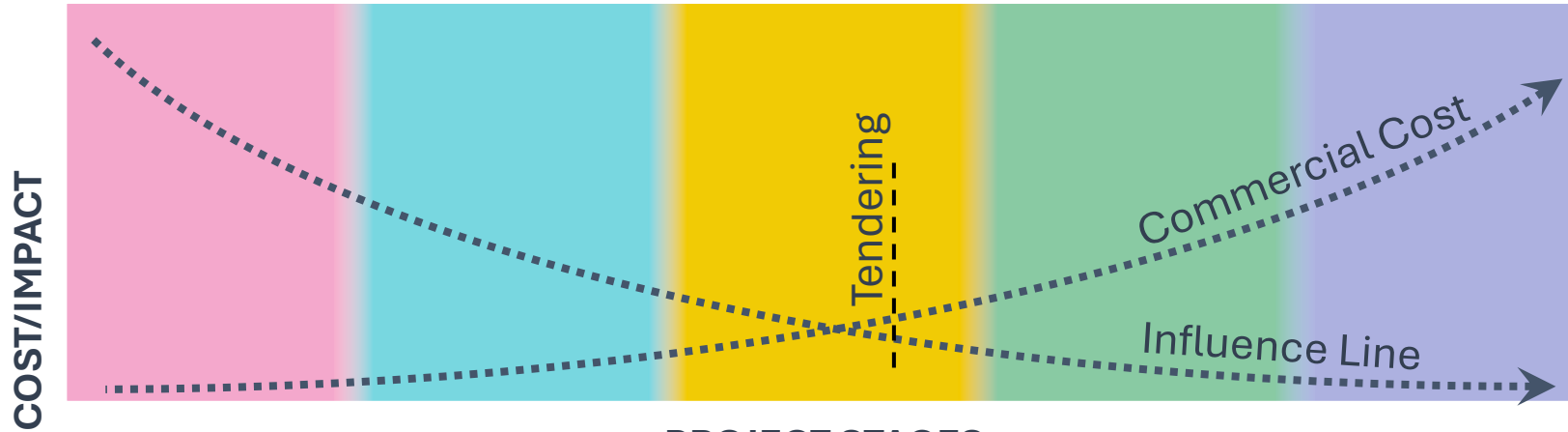
Benefits to the Project Team

- Risk identification at Stage 2/3 allowing for project understanding of possible cost/programme issues to design
- Industry knowledge of contracting solutions and focus points prior to release of tender
- More robust information pack to tenderers for demolition, enabling and basement construction
- Programme understanding of phases, logistics hold-points and overlapping opportunities
- Alternative construction solutions working collaboratively with Structural Engineer and Architects
- Schematic solutions for Pre-planning submittals and method related documents such as Approval in Principles (AiPs), Party Wall submissions or CEMPs



The 'SOL'ution

Early engagement is the key to unlocking the buildability of a project at a stage where change incurs minimum costs for maximised potential.



PROJECT STAGES



RISK OF CHANGE (COMMERCIAL/PROGRAMME)



The Benefits to the 'SOL'ution

- Outlines buildability risks and works with Project Team to investigate design opportunities to aid development programme
- Identification of contractor constraints, construction hold-points, phasing and overlaps including craneage overlaps, restricted headroom piling and core construction
- Reinforces a cost-plan and development programme with industry experienced Construction and Demolition engineers
- Early investigation into the scheme providing an effective way of achieving the client's outcome with a primary focus on feasibility and buildability whilst maintaining the development brief
- An industry experienced report within the tendering that will streamline and enhance the tender submissions and streamline the tender process



Again, Why SOL?

- Commercially, we **will** provide be cost-neutral or a **saving** to the overall scheme
- We **will** reduce your **risk** or exposure to risk
- We will **reduce** the buildability issues of your development and identify **solutions** for the scheme and tenders to assess
- We will **enhance** the understanding of the project constraints to the tendering contractors
- We will ensure the tabled scheme at tender has been reviewed and **approved** by experienced professionals
- We will get you a **better end product**

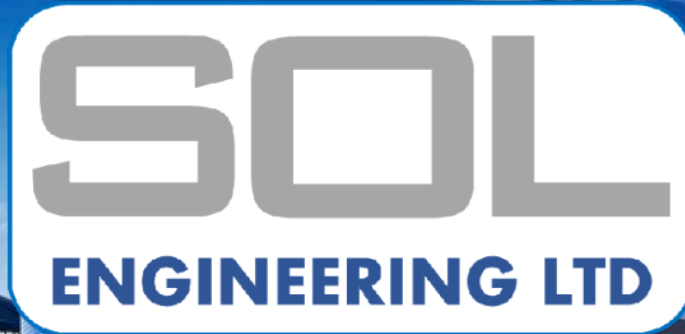


Accreditations & Memberships



**Temporary Works
forum**

Promoting best practice in
the construction industry.



Are you ready to unlock the full potential of your project?

