

Structive Engineering & Consultancy Services LLP

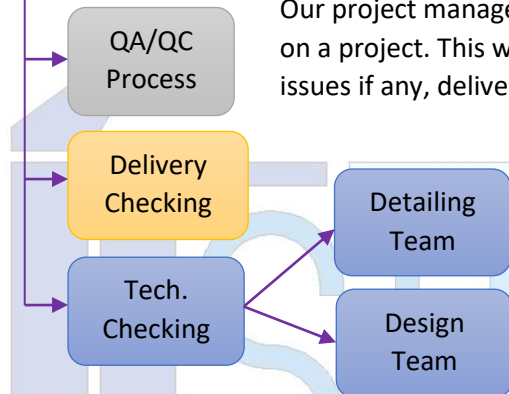
- *Steel Joist / Girder & Deck Detailing Service*
- *Steel / Concrete Design Service*
- *Rebar & Steel Detailing Service*

PROJECT CONTROL & QAQC PROCESS

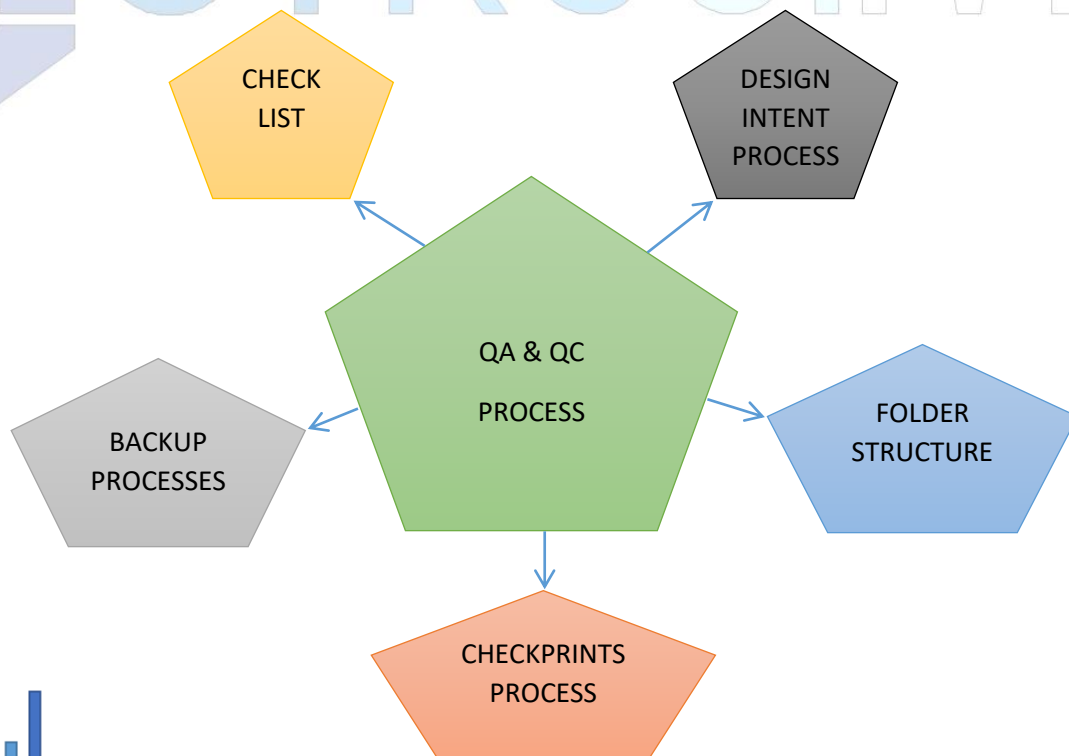
PM (Project Manager)

Structive sets up project management protocols. This includes conducting QA & QC check, establishment of project estimation, establishment of drawings and its review, delivery processes etc.

Our project manager work directly with the QA & QC / Lead checker working on a project. This would include daily feedback on progress, project quality issues if any, delivery schedules, milestone achievement etc.



QA & QC DOCUMENTS



PROJECT EXECUTION PROCESS

ACTIVITIES CARRIED OUT BEFORE START OF DETAILING:

Once the project has been awarded to Structive, a team leader is identified; the first activity that takes place is the “Project Quick Study” meeting. This meeting is conducted along-with the checker. At the end of the meeting the following items are finalised:

- **Project Data Sheet:** Instructions and specifications relating to the project. This would include information on loads on member, connections type, identifying critical zone etc. All of these items are then transferred to a checklist which will be used on this project.
- **Generation and sending out of preliminary queries:** While populating the project notes sheet, there would be generic queries based on missing information. These would be sending out to client as RFI (Request for Information).
- **Finalisation of detailing team:** Based on the delivery schedule expected and the criticality of the project, the detailing team is finalised.
- **Document delivery process:** The delivery process will depend upon client requirements and may involve submission of drawings via dropbox or through client specific portals or via mail.

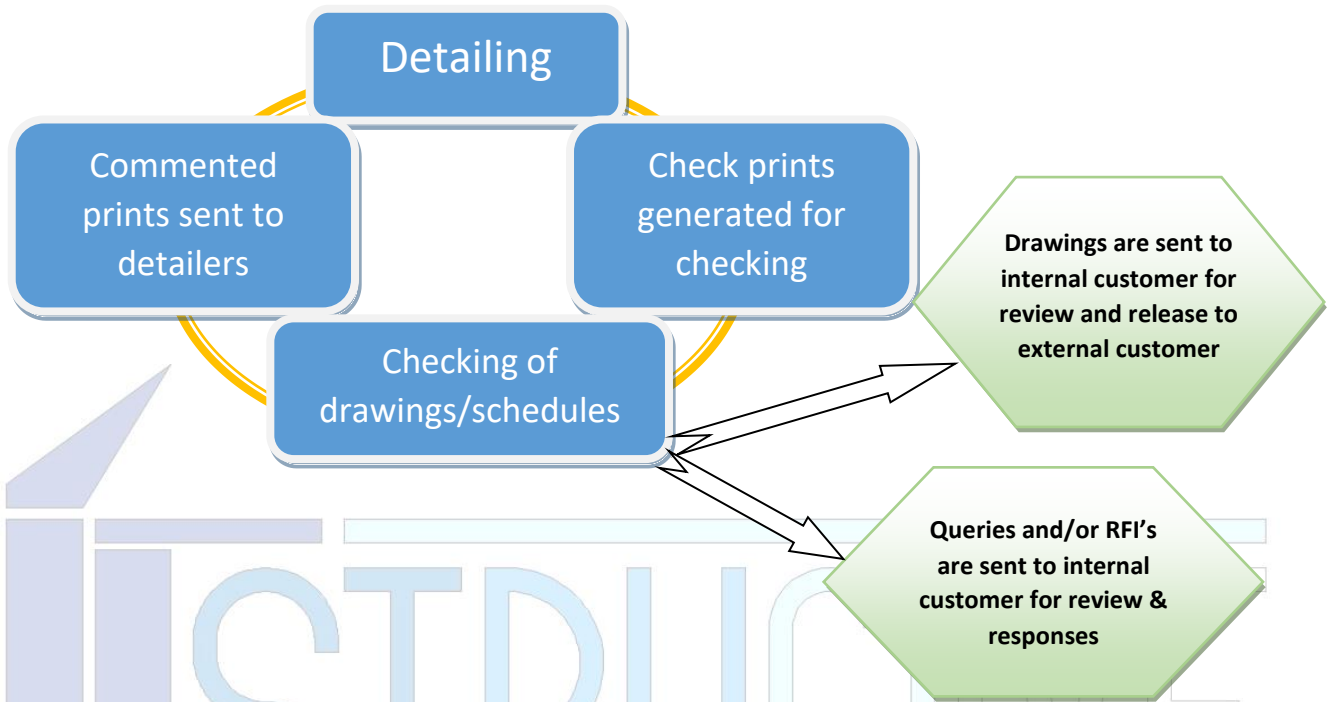
Typically this meeting does not or should not last beyond an hour or so.

ACTIVITIES CARRIED OUT WHEN DETAILING BEGINS:

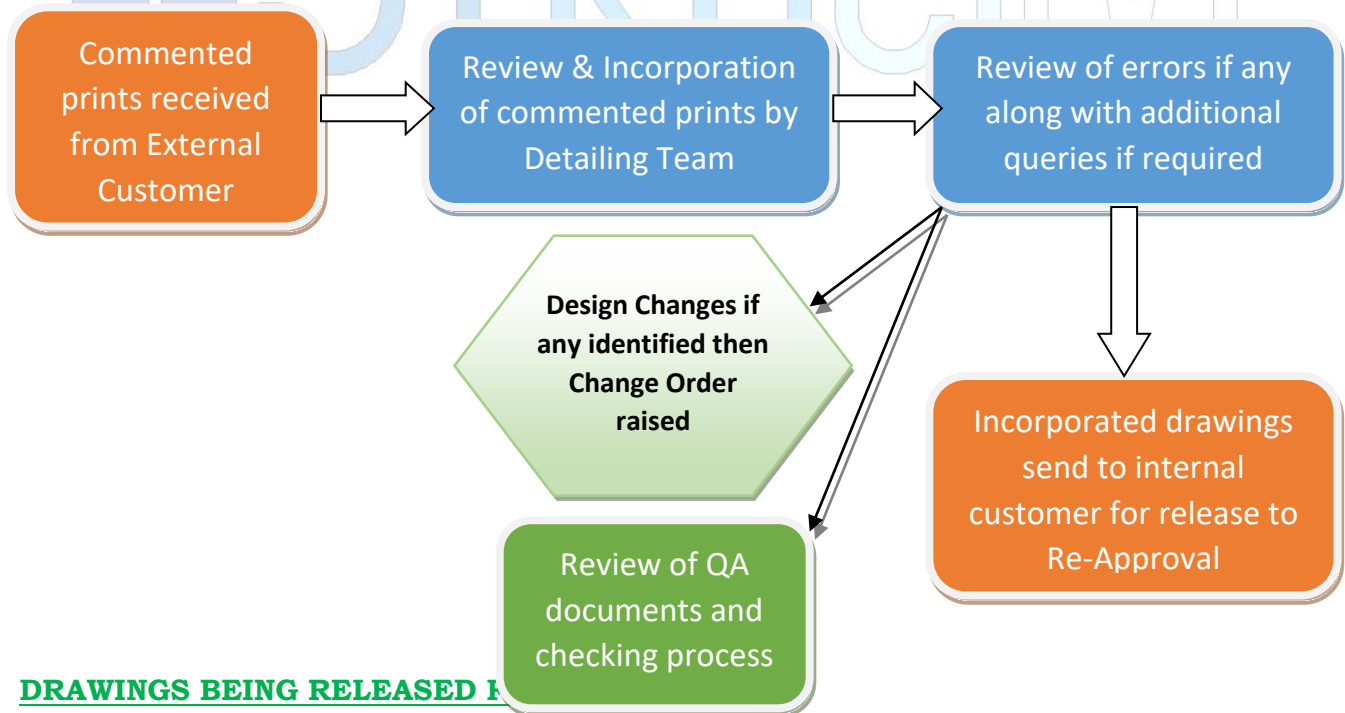
Upon start of detailing, the entire team gets together for a detailed project review meeting. In this meeting project data sheet is reviewed and checklists are updated. The team is made aware of all project specific requirements. A detailed delivery schedule is made and individual tasks are allocated to the team members.

DRAWINGS PREPARATION FOR APPROVAL SUBMISSION:

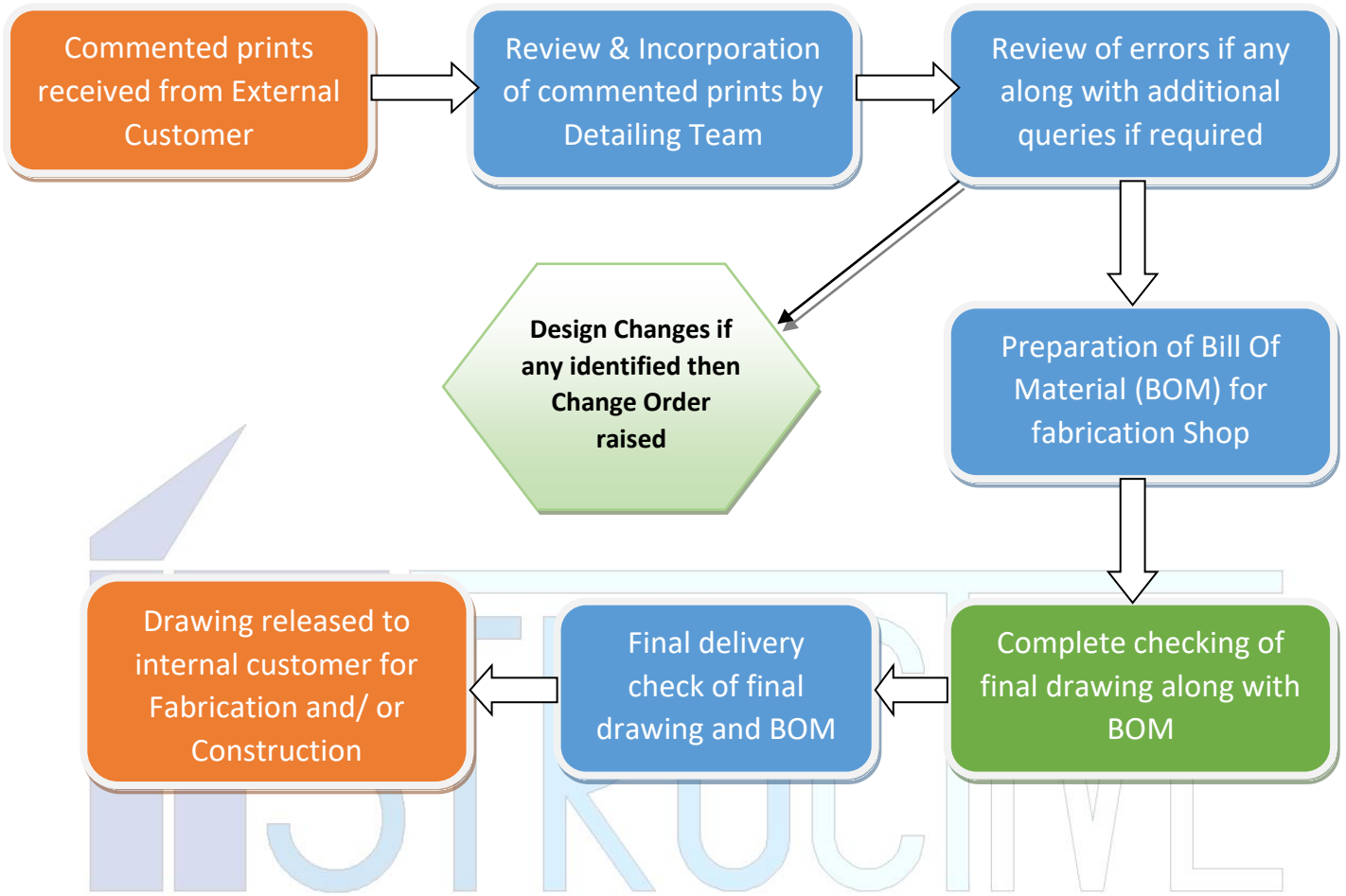
Our expectation is to follow a process as detailed below.



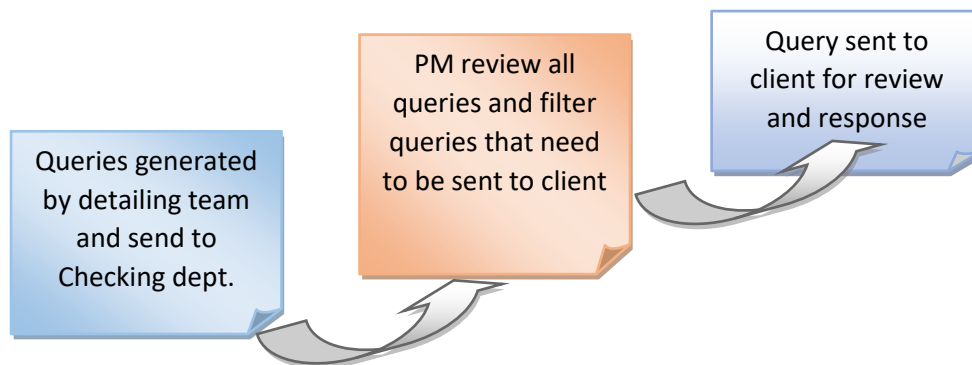
DRAWINGS BEING RELEASED FOR RE-APPROVAL:



DRAWINGS BEING RELEASED FOR RE-APPROVAL:



QUERIES & CLARIFICATIONS:



PROJECT MANAGER QA & QC PROCESS:

Prior to release of drawings for approval or field use, the project manager carries out the following final checks:

- a) A review of checklists to verify that they have been signed off by the detailer / team lead.
- b) A review of check prints to verify that all commented highlighted in red are incorporated and a final check print with only yellow highlights is available.
- c) A final design intent check is carried out. This involves checking drawings and bill of materials (BOM) with job quotation regarding all cost impact issues.

QA & QC ACTIVITIES CARRIED OUT:

