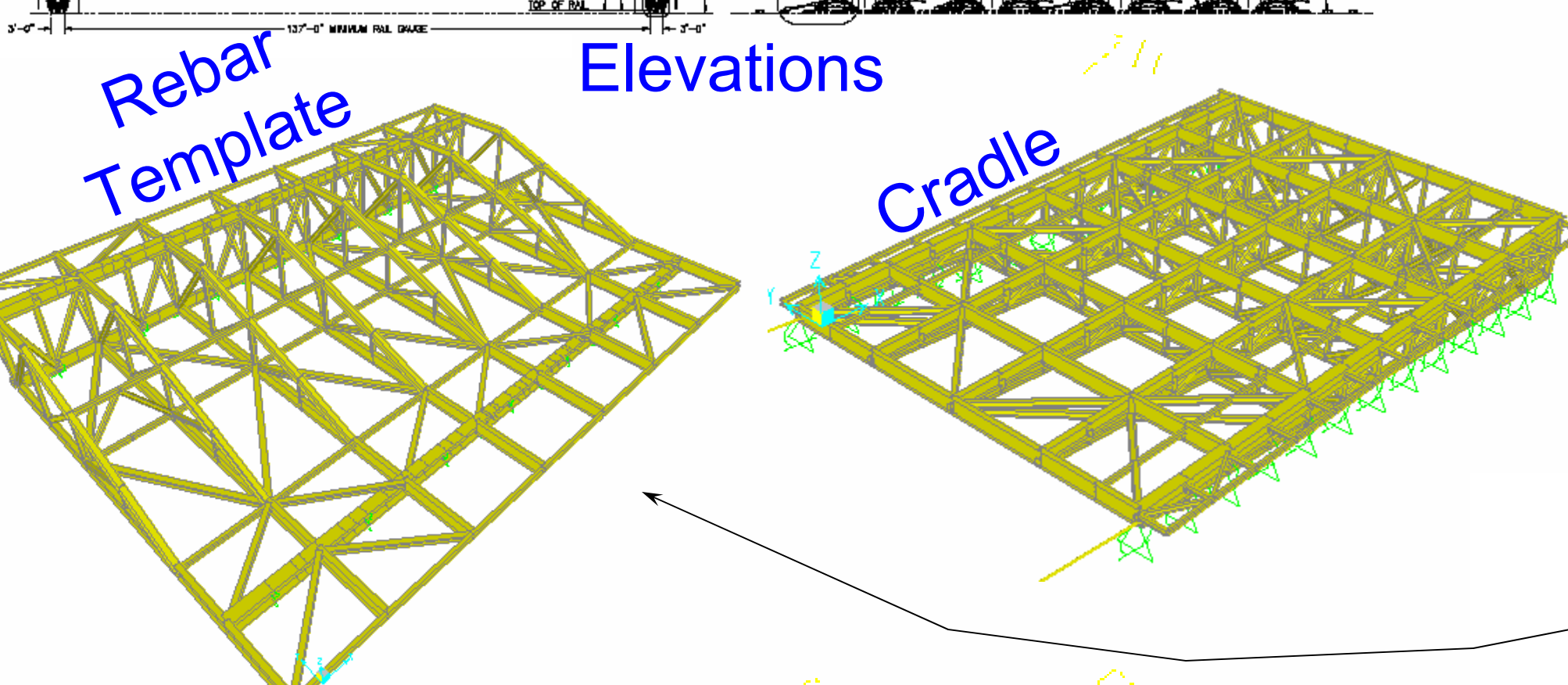
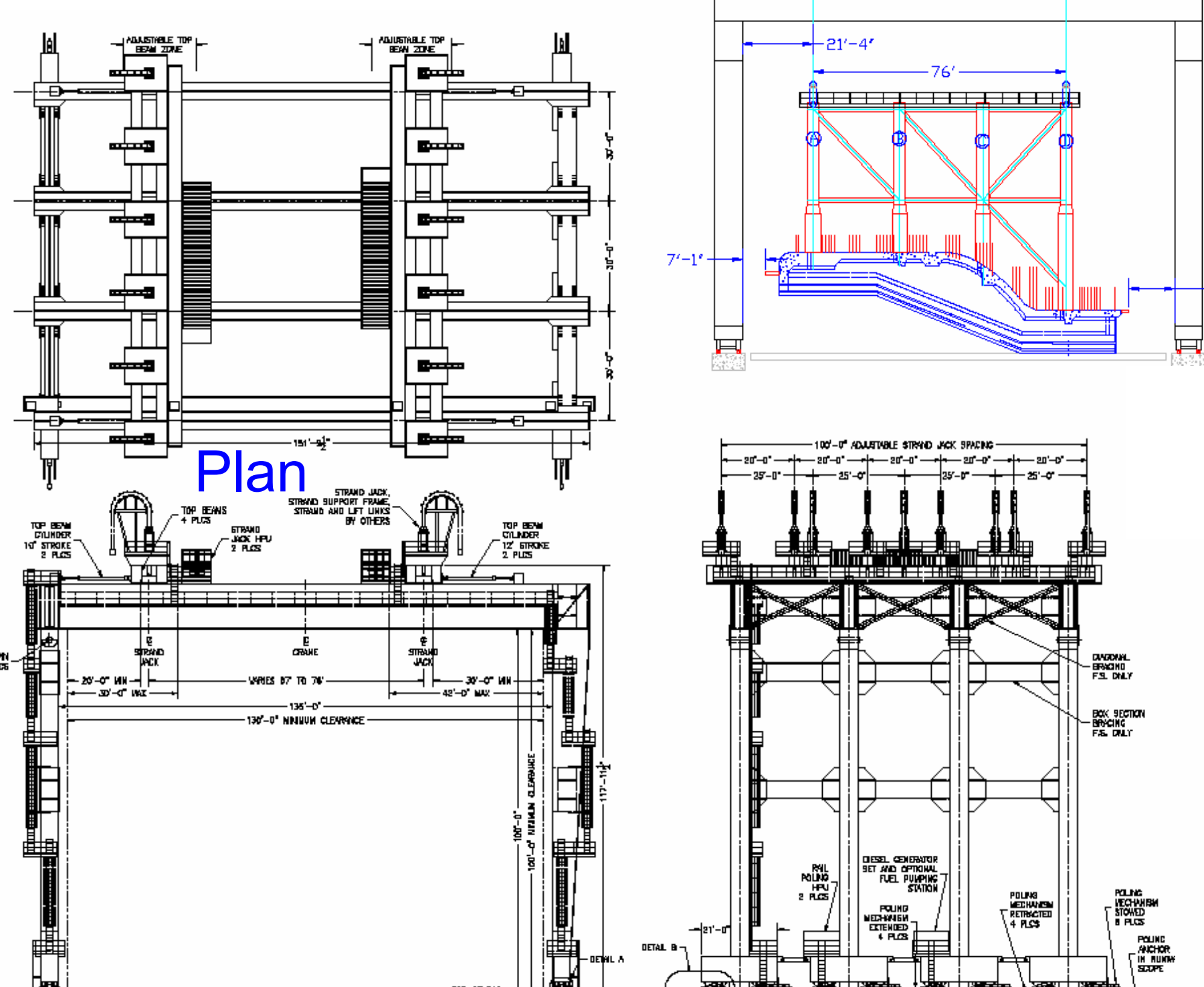
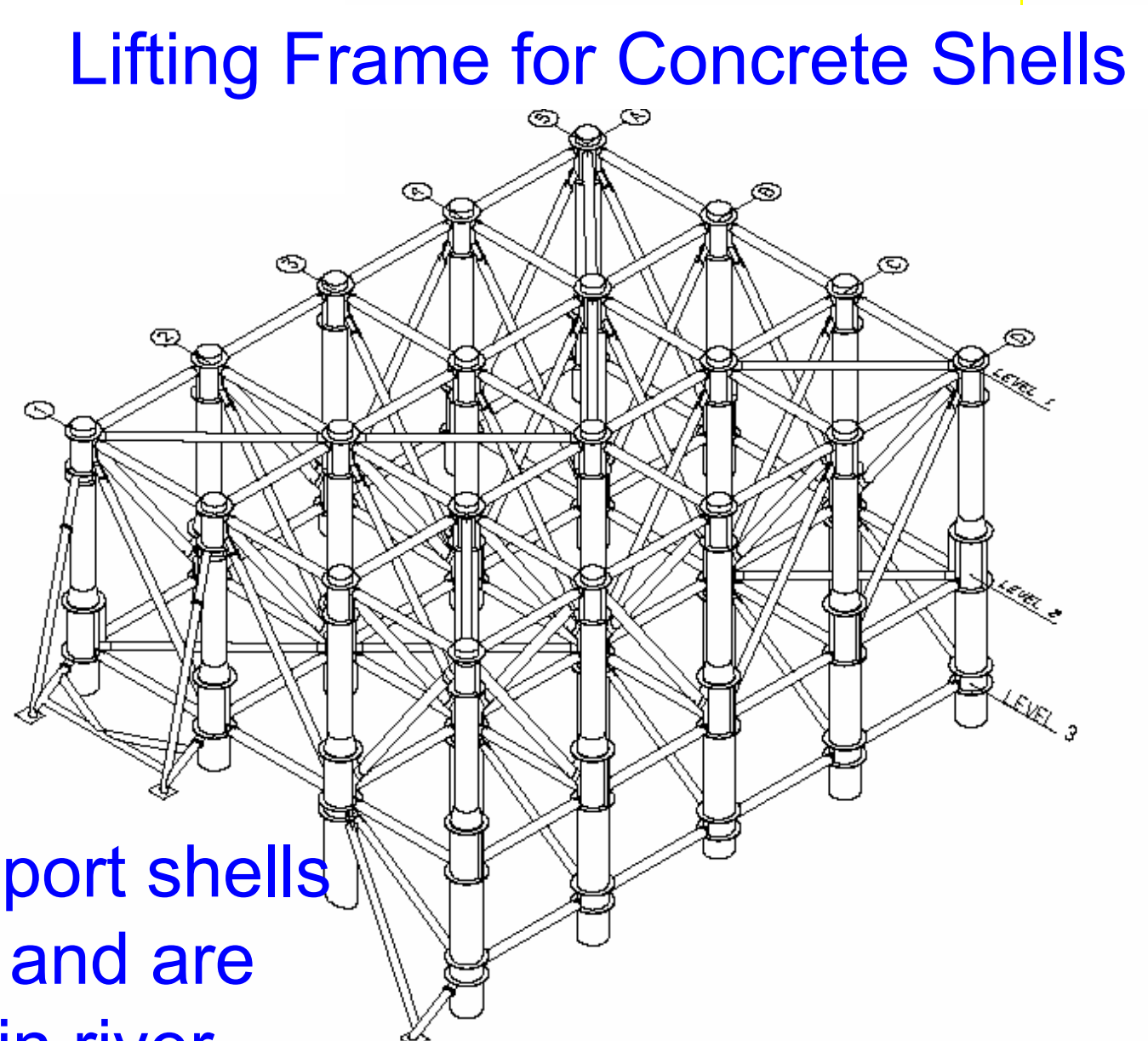
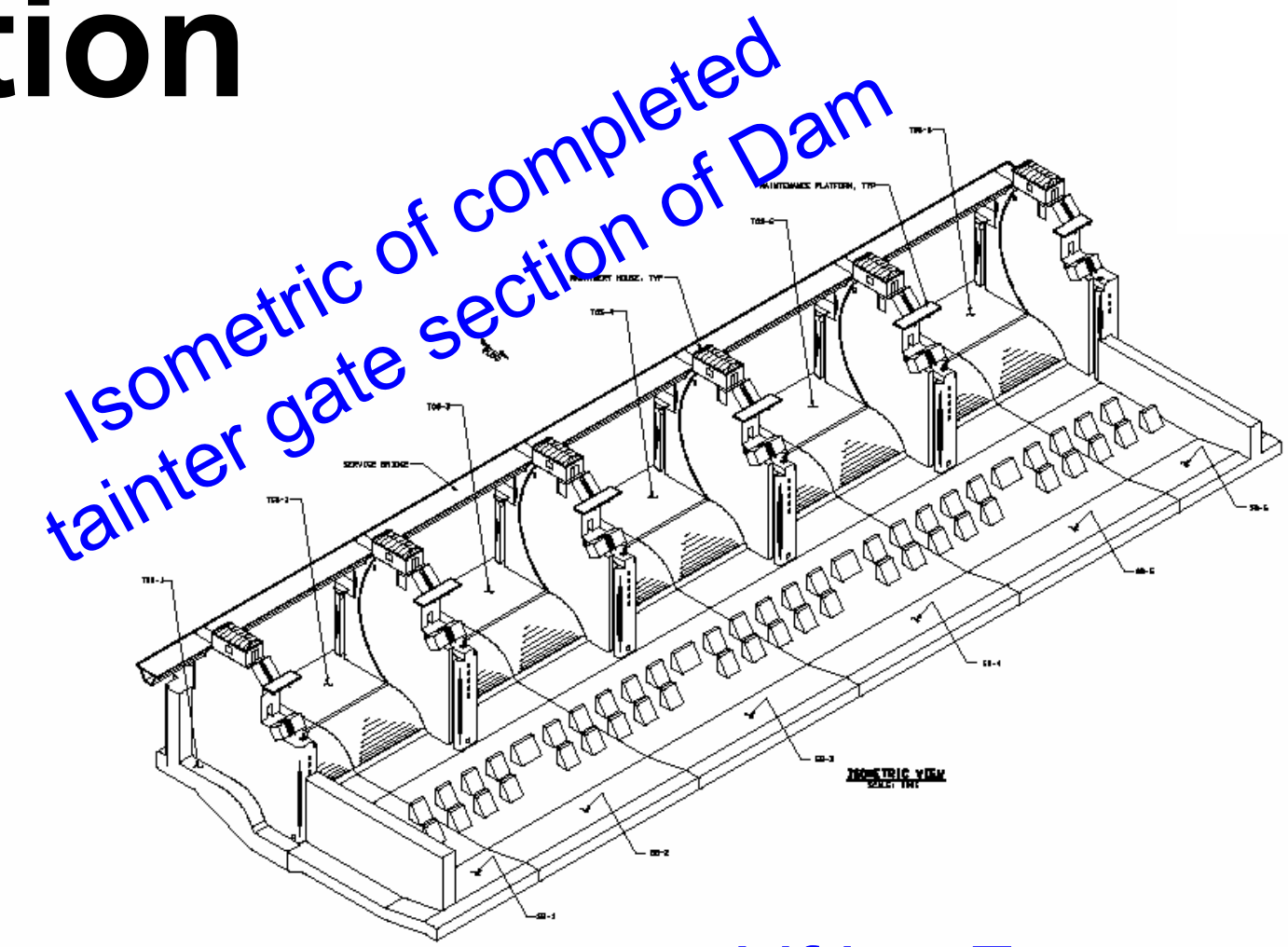
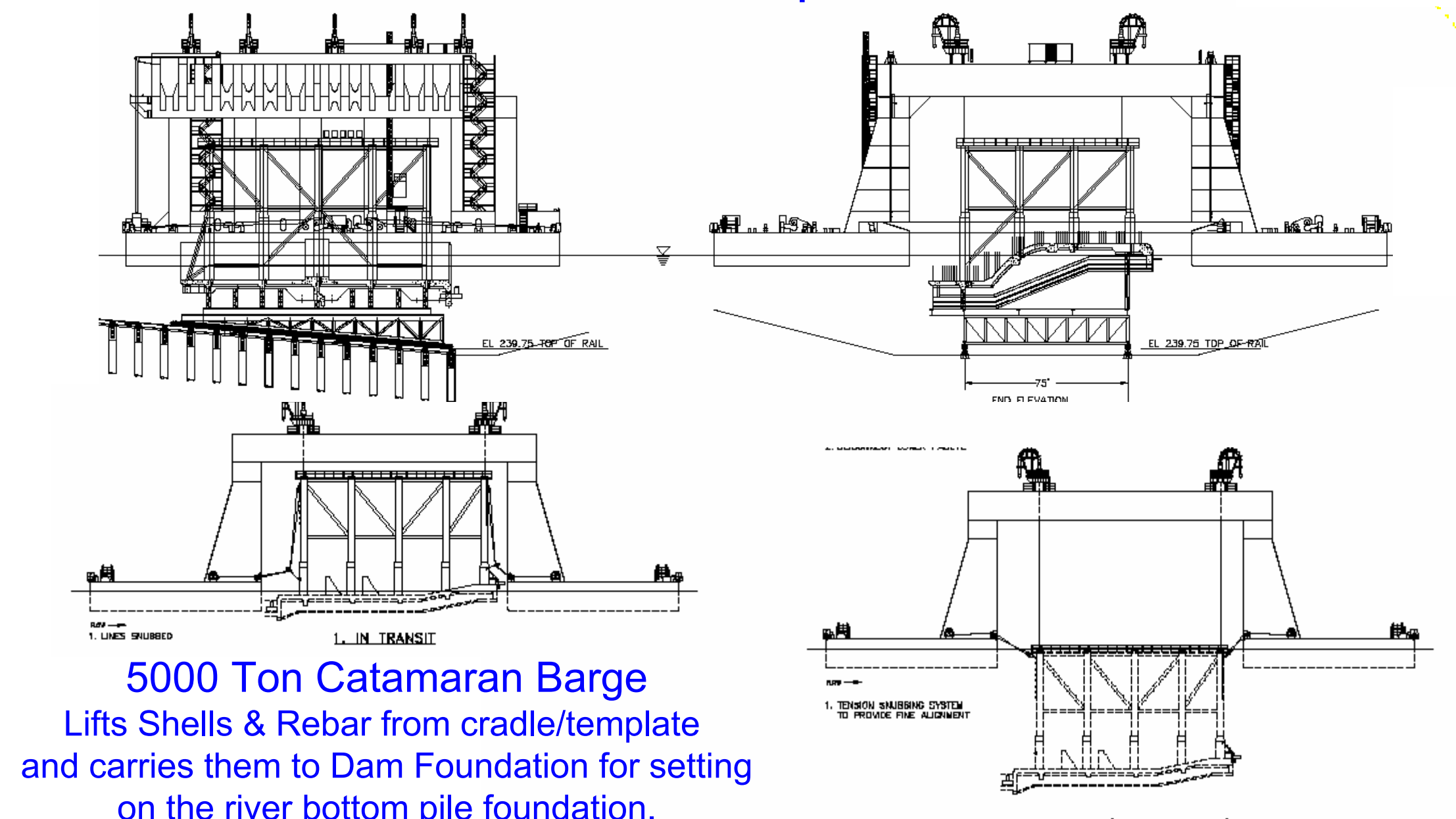


# Olmsted Dam Construction Sequence

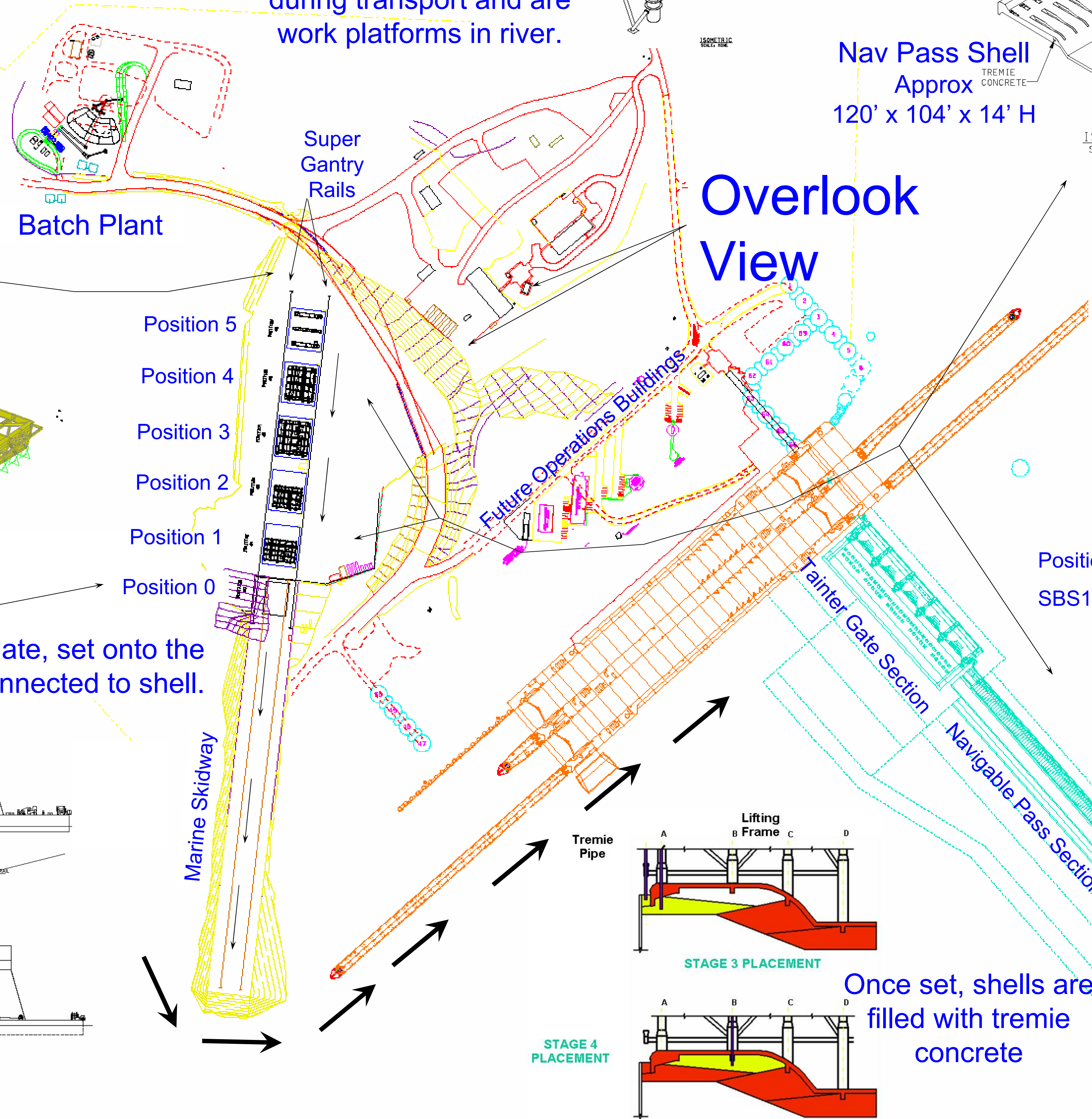
**5000 Ton Super Gantry Crane**  
Lifts shells and carries them to cradle at position zero



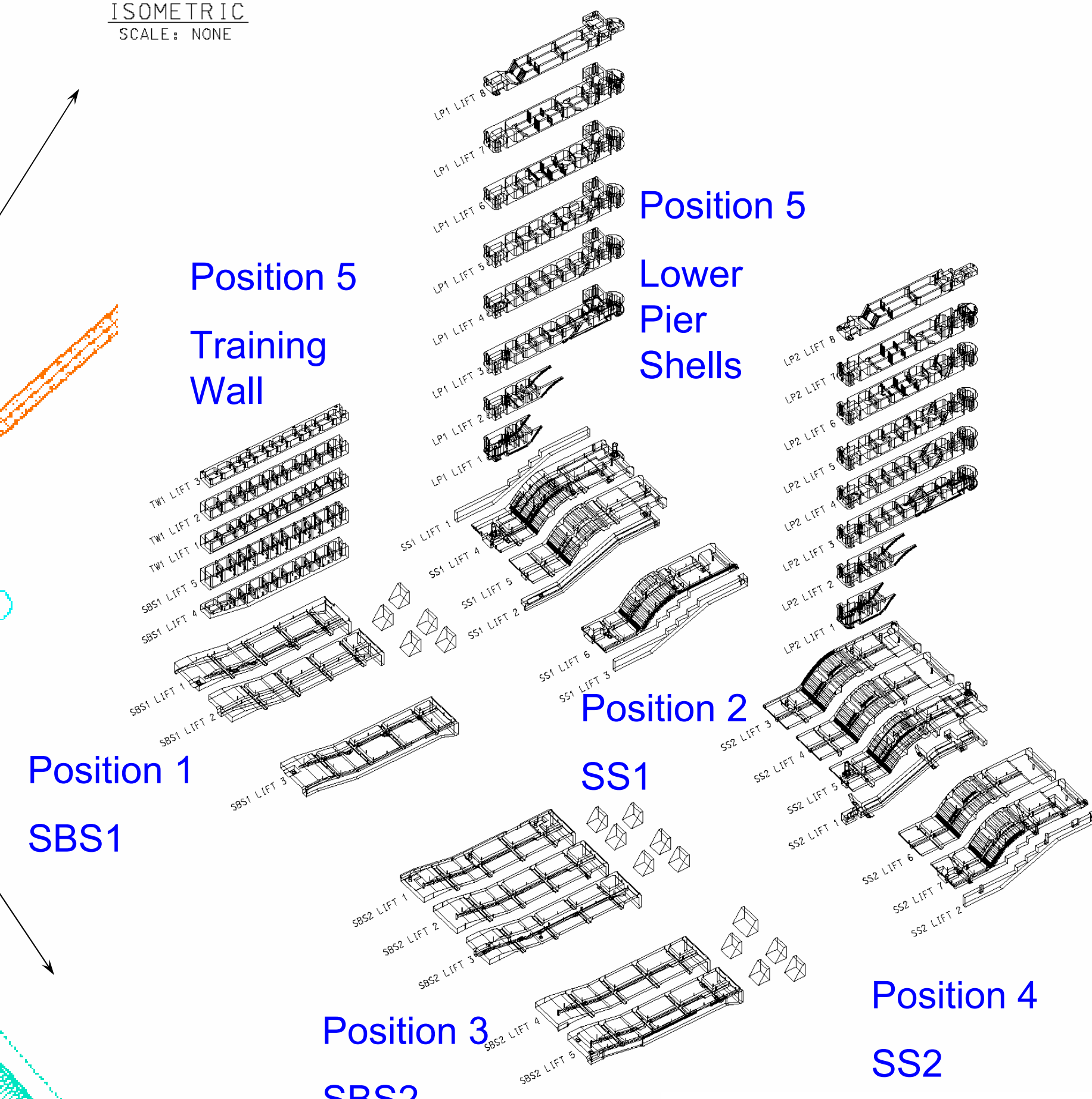
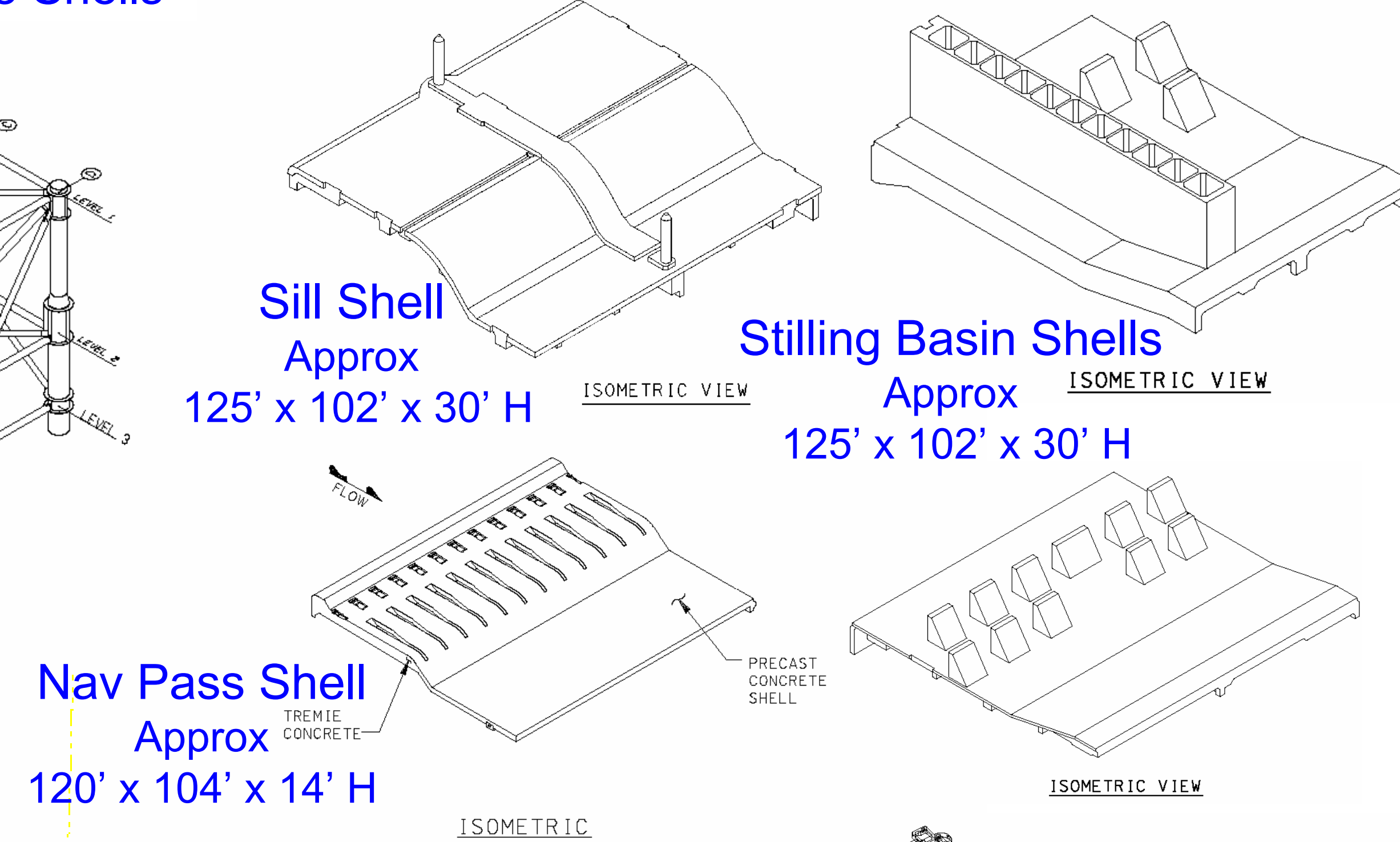
At position zero, rebar is assembled on the template, set onto the cradle, then shell is set on template and rebar connected to shell.



Lifting Frames support shells during transport and are work platforms in river.



## Typical Completed Shells



Typical year of shell construction Shells are built in in multiple pours similar to the above exploded shells show.

- Quantities**
- Sill Shells (SS) – 6 Total
  - Stilling Basin Shells (SBS) – 6 Total
  - Lower Pier Shells (LPS) – 6 Total
  - Training Wall Shells (TW) – 2 Total
  - Navigable Pass Shells – 12 Total

Once set, shells are filled with tremie concrete

