# Sending Placement Plans and Bracing Plans for Seals

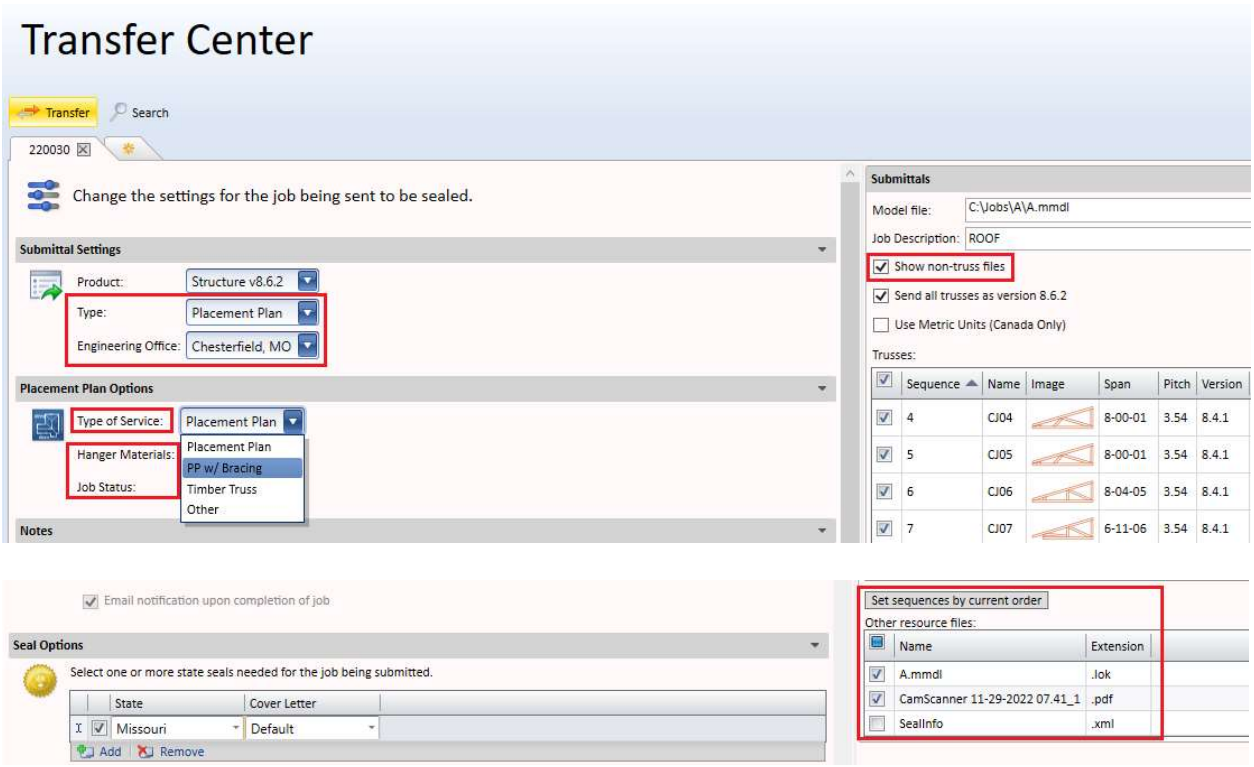
More and more contractors, project engineers, and municipalities are requiring submittal of Sealed Truss Placement Plans and Sealed Truss System Bracing Plans for their projects. MiTek has a separate Fee-Base Professional Engineering Service to fulfill that demand and eliminate the search for an outside source. Your sealed truss designs, sealed placement plans, and sealed bracing plans will be delivered to you by mail or electronically in one package.

The Sealed Truss Placement Plan includes location of all trusses clearly labeled, truss to truss connection requirements, anchorage of trusses to supporting structure, as well as the anchorage of gable end trusses and the required out of plane reinforcement for these gable trusses. In addition, there will be specified locations of necessary field blocking to maintain the proper load path. The responsibility associated with a sealed placement plan exceeds the perceived assumption of just a simple truss location plan. Truss location plans are not an engineered product; hence no engineer seal is required on them. By designing and sealing the placement drawing, MiTek is certifying that the trusses will act as an entire system (and not just individual components) capable of transferring the roof loads through the system to the elements providing the resistance.

All individual sealed truss drawings supplied with the placement plan will specify the recommended permanent lateral restraint for the bottom chord and webs. MiTek can additionally design a bracing plan, showing the necessary permanent bracing of the truss webs and the truss bottom chords along with the design of the locations of the cross bracing, materials, and detailed connections. This will facilitate the contractor's job of sorting through all the trusses to determine which webs line up so he can maintain his bracing runs and will clearly show where the cross bracing should be located. Bracing plans also facilitate the inspection of the roof system to ensure that the roof system will perform as desired in service.

To deliver information to our engineers, please send all truss designs electronically through Transfer Center. Select Type "Placement Plan" and Engineering Office "Chesterfield, MO". Specify Placement Plan Options: Type of Service "Placement Plan" or "PP w/Bracing" (Placement Plan with Bracing), Hanger Materials and Job Status. Attach your MiTek layout file (.mmdl) and the PDF files of the Structural and Architectural Plans. Additional file(s) you are going to send must be in this job folder. Check on the "Show non-truss files". All file types will become visible in the job folder selected. You may then add other file types by checking on the file you want to add to the job in the "Other resource files:"

After all the information is received, our engineers will generate a quote for you. We must have your signed approval of the quote prior to start of process. We strongly recommend sealing Truss Placement Plans before trusses are built, as there are typically changes required to truss designs to match requirements of the Structural and Architectural Plans.




The two services described above do not make us the EOR (Engineer of Record) on the building project. There are many other design elements in every structure, beyond the roof system and floor system that are equally as important for the overall building stability and structural capacity of the building. For example, Beams, Walls, Foundations, Anchorage, etc. all require the attention of the EOR. Our service is still restricted to the roof and/or floor system and not the overall building design. Please note that we only provide design services and not site visits. If local inspection is required, this service will have to be provided by the EOR or other qualified individuals.

For additional information about Sealed Truss Placement Plans and Sealed Truss System Bracing Plans, pricing and current lead times, please contact Leonard Hoeffner at lhoeffner@mii.com.