

United Methodist Children's Center Playground Improvements

Turf

The turf on this project consisted of removing the existing turf, digging out about 4 inches of the soil, placing 2.5 inches of drain rock, compacting the drain rock, placing 1.5 inches of decomposed granite, compacting the DG, placing the new turf, and then placing sand on top of all the new turf.



Mulch

The mulch on this project consisted of surveying the area to get an accurate quantity, testing the existing irrigation lines, and placing the new mulch provided by Central Coast Landscape.



Abstract

The project consists of multiple pieces that we planned to complete as a team. The scope of the work consisted of placing gorilla hair mulch with fabric, making a bench for the kids, removing, grading, and placing artificial turf, and replacing the canvas of a shade structure. There are a few other smaller pieces that will be completed as well but those are the main pieces of the project.

Students:

Kyle Passey – Kyle.passey@gmail.com

Mario Taurian – Mariotaurian@gmail.com

Hayden Garcia – Haydenmgarcia@gmail.com

Advisor:

Bryan Knakiewicz

Sponsors:

Big Creek Lumber, Cal Portland, Central Coast Landscape, Global Syn Turf, Passey Construction, Zoom Recreation

Shade Structure

Zoom Recreation made a custom fit shade fabric to retrofit the old shade structure around the playground. The hardware consists of a turnbuckle wire clamps, and metal wire around the perimeter of the fabric.

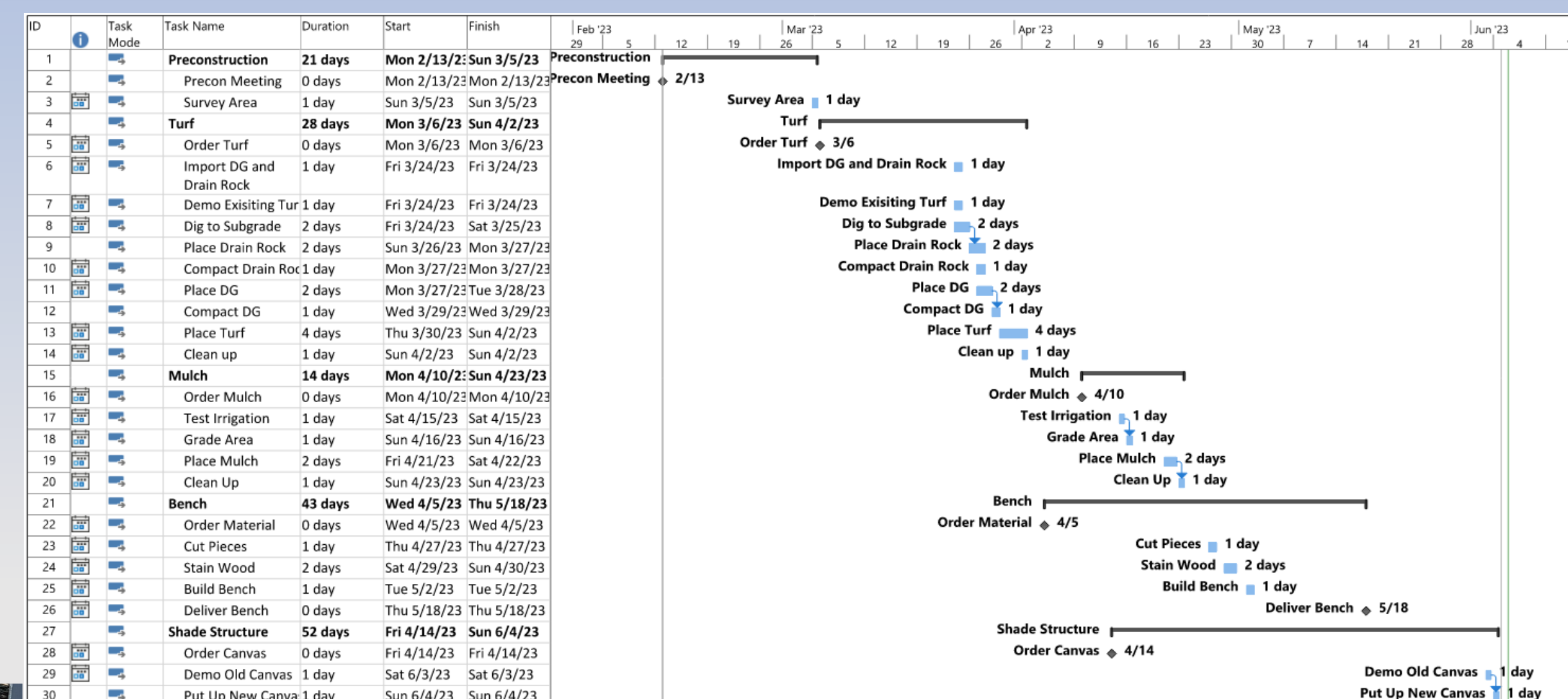


Benches

Thanks to Big Creek Lumber and Passey Construction, we were able to provide a folding picnic table to UMCC at no charge to them. We made 2 benches that fold into 1 picnic table. This consisted of taking a quantity takeoff of the required materials, ordering the material, cutting and staining all the pieces, and making a rotating piece that allows the children to either sit in the benches with a back or use them as a table.



Schedule



Conclusion

Through this project we gained valuable experience in working with others in a team setting along with communicating with multiple parties. We had to work around a client's schedule that was very limited. We had an extremely compressed schedule and allotted working days to install the various aspects of the project, otherwise it was going to drastically alter the function of the children's center. This required in-depth planning and scheduling to ensure we were able to meet the deadlines that were given.

