



NEW CONSTRUCTION – PRESCHOOL/CHILDCARE

PROJECT LOCATION: O2B Kids Durbin Creek – St. Johns, FL
EXPERIENCE OF: Mitchell Gulledge Engineering, Inc.
ROLE IN PROJECT: MEPF Design Sub-Consultant

CONSTRUCTION COST/METHOD

\$1,845,000
Construction Manager

COMPLETION DATE

Summer 2021

PROJECT STAFFING

Project Manager:
Andrew Mitchell, PE, CxA
Mechanical Lead:
Craig Gulledge, PE, CxA
Mechanical Designer:
Evelyn Dicks, PE, CxA
Plumbing Lead:
Andrew Mitchell, PE, CxA
Electrical Lead:
Peter Rizov, PE



PROJECT OWNER

O2B Kids
165 Veterans Pkwy
St. Johns, FL 32259

BUILDER

ME Construction
Jason Figart
7607 Coral Drive
West Melbourne, FL 32904

PROJECT ARCHITECT

Level Architecture & Interior
Adam Gayle, AIA
720 SW 2nd Avenue, Suite 105
Gainesville, FL 32601

PROJECT ENGINEER

Mitchell Gulledge Engineering, Inc.
Andrew Mitchell, PE, CxA
210 SW 4th Ave
Gainesville, FL 32601
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PROJECT SUMMARY:

Mitchell Gulledge Engineering was contracted as this project’s MEPF engineer to design a new childcare facility for O2B Kids in St. Johns, Florida. O2B Kids offers a broad range preschool and childcare services including afterschool, summer camp, special programs, and childcare events. This new 1,250 SF childcare facility for O2B includes spaces such as classrooms, playrooms, administrative areas, kitchen, restrooms, and other support spaces.

The HVAC mechanical scope of work consisted of split-system DX units, general exhaust fans, and ductwork distribution systems and components. The plumbing scope of work included domestic water, grease waste, and sanitary waste/vent provisions for the restrooms and fixtures in the kitchen, toilet, and janitor rooms. New plumbing fixtures, water heater, and recirculating pump were also provided. The electrical scope of work consisted of building power, building lighting, fire alarm, and rough-ins for telecommunications. Fire protection systems were also provided for the entire facility. As the project’s MEPF sub-consultant, Mitchell Gulledge Engineering provided construction administration services including site inspections, submittal reviews, and as-built documentation.

The safety and well-being of our community’s children is of paramount importance. We are dedicated in providing engineered solutions that help ensure the children’s safety. Mitchell Gulledge Engineering worked alongside the project’s architect and ownership team to provide a safe and effective engineering design that precisely met O2B Kids’ needs. Since project inception, Mitchell Gulledge Engineering participated in each of the design phase review meetings while providing valuable feedback regarding the project’s scope and budgetary limitations. Additionally, early in the design phase, Mitchell Gulledge Engineering coordinated with the civil engineer and local utility company to ensure all new building utilities were coordinated with the site before any major design efforts were completed. We also conducted detailed review meetings of the proposed MEPF building design to ensure the Owner’s requirements and requested preferences were satisfied and coordinated across all trades. This new construction project showcases our ability to provide premium MEPF engineering consultant services for preschool and childcare facilities.

