

ASC 2020 Project Overview

In the ever-evolving world of construction, there is always a constant force pushing for new and more innovative ways to construct projects of all shapes and sizes. Two particular items always of concern are cost and timing. In an effort to keep costs to a minimum and decrease on-site construction durations, this project utilized a Modular wall system for everything on the interior of the building.

These walls consist of a prefabricated aluminum frame with built in electrical provisions concealed by finish tiles that simply “snap” into the frames for a clean & sleek look. This approach allows the procurement process to start earlier (keeping concurrent construction activities to a minimum) while utilizing less expensive resources to procure and build the final product (factory fabrication versus on-site labor fabrication).



Walls are stood up & installed by others; electrical scopes are completed by the electrical & low voltage contractors on-site. Finish tile install by others, applicable trim by EC/LV.

Without providing an overwhelming amount of documentation and cutsheets, the electrical systems within the walls essentially consist of your everyday materials (electrical junction boxes, MC Cable, brackets, receptacles, supports, etc.), which are fully installed within the wall at the factory and ready for connection on-site. However, cabling only travels vertically in the walls, which splice into

an overhead junction box/circuit splitter (provided by others, installed by Rosendin), which then eventually ties into the larger distribution above the ceiling. Please see example photos below for the wall conditions.

This system only accommodates normal power and junction boxes for low voltage (no lighting, fire alarm, emergency power, etc..). For any items requiring further analysis & justification on the Modular electrical portion of these walls, please assume standard 4 square junction boxes, receptacles, brackets, standard MC Cable (conductors quantities will need to accommodate design), snap on trim plates and other basic electrical components. All other circuit distribution will be above ceiling in a traditional manner.

