

# ModularDesign+

Creating Community, Affordably

## Residence Life and ModularDesign+



In this unprecedented time, universities are looking for innovative ways to create unforgettable experiences within their offerings that are safe and adaptable, without sacrificing time and money to do so.

To maximize efficiency and reduce cost and construction time, ModularDesign+ (MD+) offers custom residence life solutions using modular products that are prefabricated and able to be assembled on-site.

### Building smarter student housing will:

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Reduce cost to new and current students, keeping higher education affordable

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Allow universities to respond to an influx of new students quickly and efficiently

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Offer flexibility and cost advantages to configure spaces to accommodate unforeseen events such as quarantining and isolating ( single user bathrooms, bedrooms) to keep students safe

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Quickly create opportunities for decommissioned residence halls to become integrated spaces for learning

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Prevent universities from paying “institutional premiums” on residence life projects



# Facts and Figures



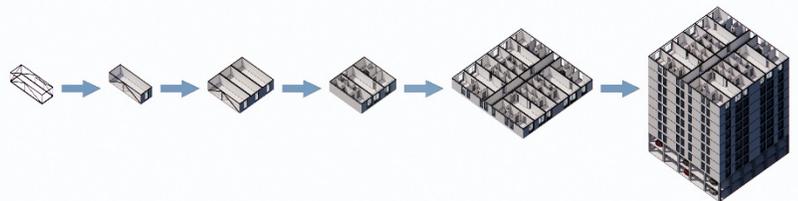
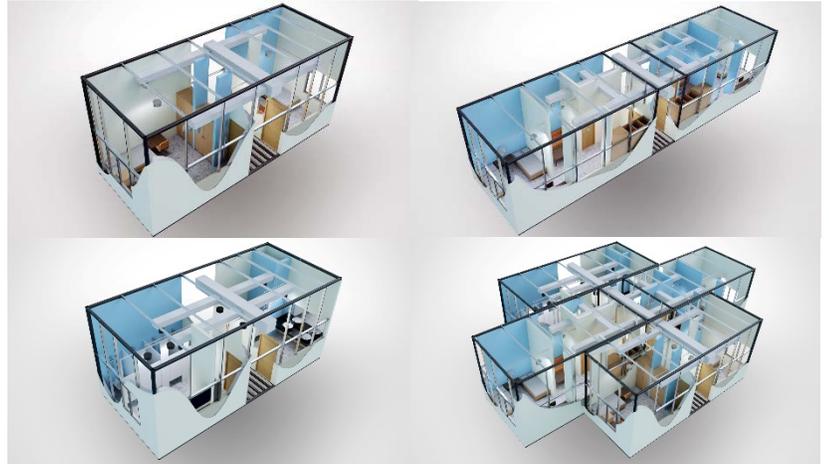
**85% of scope of work performed offsite reducing labor costs**

With 85% of work done offsite, faculty/staff parking restrictions during construction is mitigated

More direct oversight of skilled tradesman, in a controlled environment, provides higher quality construction

Construction schedules reduced by as much as 50%, significantly reducing overall campus disruption. Full, gut renovations easily completed over summer months.

Modular Manufacturing vs offsite subcontractor construction **saves on average 15% on construction costs allowing the institution to decrease the project budget**, or put money back into the project allowing all the bells and whistles they would have to otherwise VE out due to budget constraints



## Why MD+

Progressive companies are moving towards utilizing “Lean Construction” methods and even “Integrated Project Delivery.” These methods are more than just systematic approaches to maximizing quality and minimizing risk.

By removing the silos found with traditional methods and employing MD+ advancements with technology, we can achieve real collaboration. With our proven experience, we can drive down costs and help clients make quicker decisions knowing they will reach new heights and stronger ROI capabilities for their organizations.

**Productivity can be boosted by 50 to 60 percent by rethinking design, improving on-site execution, and infusing technology and supply chain.** Further, productivity can be increased 5 to 10 times by moving to modular, factory-controlled systems over traditional field construction methods.\*

*\*Reinventing Construction 2017, McKinsey Global*