

Chair and Members of the Oregon Joint Ways and Means Committee,

My name is Shawn McKay, President of Layerline 3D, and I am here tonight to provide testimony on the benefits of 3D printed construction as an option to assist with the housing crisis in Oregon. As you may be aware, the Governor has mandated a 30% increase in new housing starts for the next 10 years, and we believe our 3D concrete printing technology and training center can help address this challenge.

I am here to share with you that our 3D printers have the capacity to build houses quickly and efficiently, and we believe they have the potential to add thousands of new houses in Oregon over the next ten years. Our current 3D printer can print up to 1-2 houses per month, and we are constantly improving and upgrading our technology to increase this output. By leveraging automation and AI, our 3D printing technology can significantly reduce construction time and labor costs.

In addition to the benefits of speed and efficiency, 3D printed houses also offer increased design flexibility, energy efficiency, fire protection and reduced waste. We are confident that 3D concrete printing is both affordable and ready to be deployed in mass to the state, and we are excited to be at the forefront of this innovative technology.

Through our training academy and production center, we can also train new operators and build strong community relationships. The production plant will serve as an anchor point to support the homebuilding efforts on the ground, and we believe this can have a significant impact on addressing the housing crisis in Oregon.

In conclusion, we urge the Committee to consider the potential of 3D printing technology to address the housing crisis in Oregon. Thank you for your attention to this important matter.