



## 3D Coffee Shop

1. Utilize REVIT to 3D model a realistic coffee shop with capacity of 44
2. First floor will be 40" below grade.
3. Covered patio at depth of 16' and across entire width of storefront
4. Curtain Wall/windows/garage doors for interior/exterior view at front entrance
5. Coffee shop has second story with balcony that balcony floor serves as front covered patio roof
6. Accessible from back (kitchen area for deliveries) How can this be accomplished so truck can back in and unload?
7. Separate restrooms for males and females (how many fixtures per code? – research)
8. Storage area (walk-in cooler) freezers (walk in or standalone)
9. Kitchen area (for prep and with ovens) + Manager's office
10. Recessed area in floor 1 (sunken room, fountain, or pool).
11. Mix of seating types (bar seating, high-top seating, table seating, booth seating, couches and chair seating).
12. Barista bar → prep area, service area, cashier areas, drink waiting area.
13. Lighting → mixture of can lighting, sconces, and pendants.
14. Wall art
15. All surfaces rendered – minimum 15 textures and styles (all realistic).