big & tall studio

University of Oregon
Advanced Architectural Design Studio 2022 / 2023
Fall: ARCH 507
Winter: ARCH 485 / 585
Spring: ARCH 486 / 586
who are we?
why big & tall in Portland?
iconic views!
natural topography
walkable grid
density limits
neighborhood scale
urban forest
“...by 2035 the Central City will be home to 30 percent of Portland’s population growth — on just 3 percent of the city’s land.”

(Central City 2035 plan)
mega tall

super tall
BROADWAY CORRIDOR

mega tall
super tall
Portland’s Residential Infill Project

Re-legalizing “middle housing” citywide

Cottage Clusters
Legislates cottage clusters, with the same building size and unit count constraints.

Accessory Dwelling Units
Allows up to two secondary cottages per lot.

Parking
Makes off-street parking optional.

Accessibility
For 3 & 4-plexes, at least one home must be "suitable" no-step entry, wide doorways, ground-floor bed & bath. Affordable projects need two such units.

Family-size 4&6 plexes with affordability requirement
Allowed if half the units are rental units affordable to households with income that is 60% of area median income, or for-sale homes that are affordable to households with income that is 80% of area median income. Maximum building size: 6,000 square feet

Reduced Maximum Building Sizes

3 & 4 plexes:
- Up to 3,500 square feet

Duplexes:
- Up to 3,000 square feet

1-plexes:
- Up to 2,900 square feet

Previous maximum house size: 6,750 square feet

* Maximum building sizes based on floor area ratio allowed on a typical 50’ x 100’ lot in the R-8 zone.

Basement Apartments
Legislates street-facing doors for basement Accessory Dwelling Units

Sightline Institute
what could possibly go wrong?
INAPPROPRIATE MONUMENTS
EXTREME GENTRIFICATION
sensitive big buildings contain civic responses
Seagrams Plaza, Mies van der Rohe, New York
so now what?
“Rain Room” (Random International)
untitled (to you, Heiner, with admiration and affection) (Dan Flavin)
Good environmental art helps people identify and relish the time in public space.

“Musings on a Glass Box” (Diller + Scofidio)
“The Weather Project” (Olafur Eliasson)
“The Mediated Motion” (Olafur Eliasson)
“Wrapped Trees” (Christo + Jean-Claude)
what will we do?
<table>
<thead>
<tr>
<th>program</th>
<th>size</th>
<th>site</th>
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<tbody>
<tr>
<td>housing / commercial / institutional + civic art space</td>
<td>2M square feet</td>
<td>Central City</td>
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afterthought: size does not matter, actually.
thank you.