



**AIA** Architects League  
of Northern New Jersey

# Hello



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Hello

**We are with the Architects League of  
Northern New Jersey**



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# What is an Architect ?



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# What is an Architect ?

**An architect is a qualified, licensed professional who designs and supervises the construction of buildings**



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**Which one of these was designed by an architect ?**



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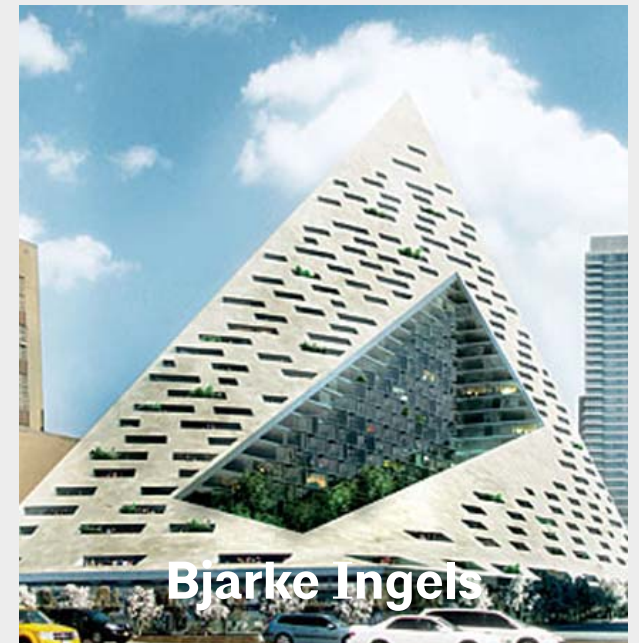




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Which one of these was designed by an architect ?

**All of them !**

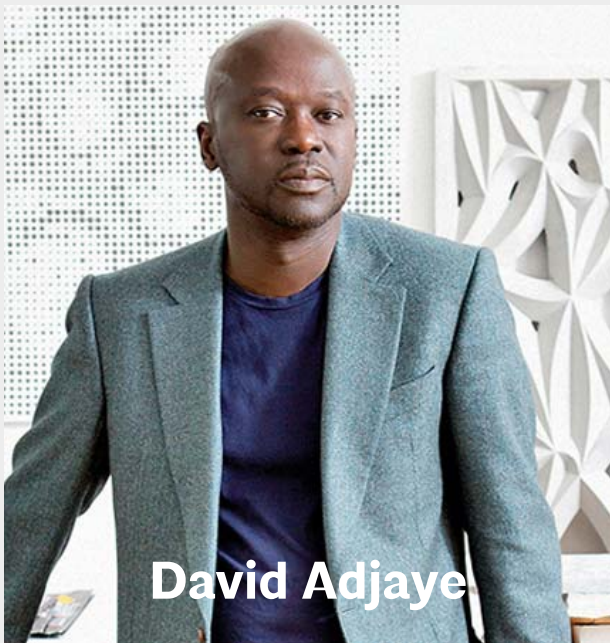




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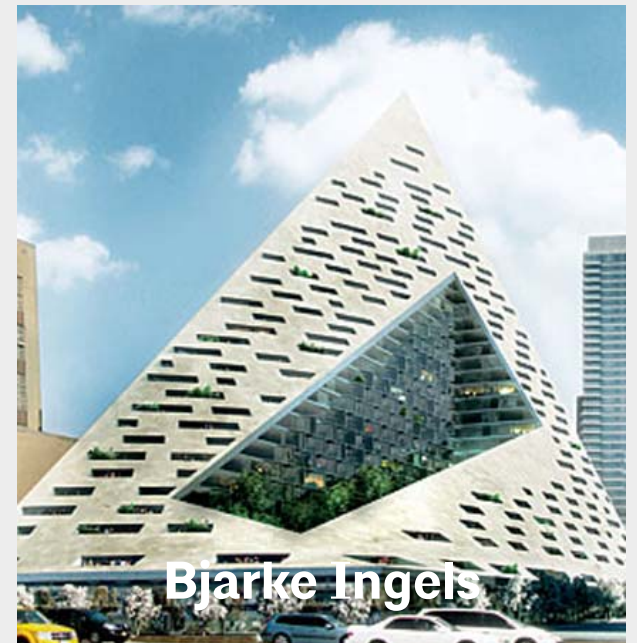
**All of them !**



**David Adjaye**



**Zaha Hadid**



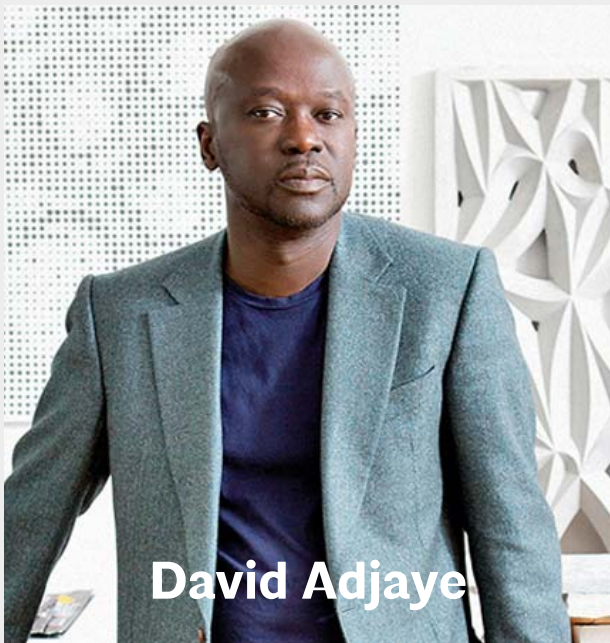
**Bjarke Ingels**



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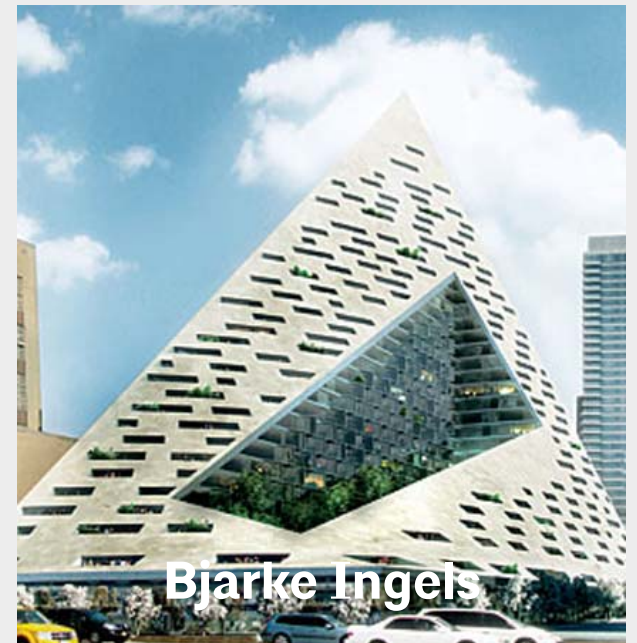
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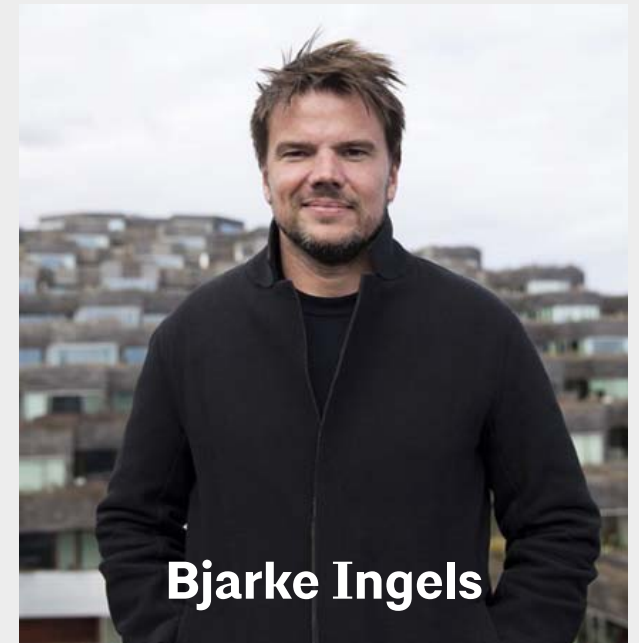
**Bjarke Ingels**



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**Which one of these was designed by an architect ?**

**All of them !**





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# What does an Architect do ?



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# What does an Architect do ?

## **Solves Problems**



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# What does an Architect do ?

**Solves Problems**

**Helps People**



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# What does an Architect do ?

**Solves Problems**

**Helps People**

**Draws Buildings**



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# What does an Architect do ?

**Solves Problems**

**Helps People**

**Draws Buildings**

**Builds Models**



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# What does an Architect do ?

**Solves Problems**

**Helps People**

**Draws Buildings**

**Builds Models**

**Measures Buildings**



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# What does an Architect do ?

**Solves Problems**  
**Helps People**  
**Draws Buildings**  
**Builds Models**

**Measures Buildings**  
**Gives Presentations**



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# What does an Architect do ?

**Solves Problems**  
**Helps People**  
**Draws Buildings**  
**Builds Models**

**Measures Buildings**  
**Gives Presentations**  
**Uses a Computer**



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# What does an Architect do ?

**Solves Problems**  
**Helps People**  
**Draws Buildings**  
**Builds Models**

**Measures Buildings**  
**Gives Presentations**  
**Uses a Computer**  
**Creates Communities**



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# How do you become an Architect ?



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# How do you become an Architect ?

## **Complete High School**



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# How do you become an Architect ?

**Complete High School**

**Go to College for five years**



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# How do you become an Architect ?

**Complete High School**

**Go to College for five years**

**Work for at least three years**



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# How do you become an Architect ?

**Complete High School**

**Go to College for five years**

**Work for at least three years**

**Pass a registration exam**



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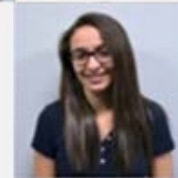
# **Can anyone become an Architect ?**



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# Can anyone become an Architect ?

**Yes !**





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# Can anyone become an Architect ?

## Yes !





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# Can anyone become an Architect ?

## Yes !



**Workshop: Let's Build a Town !**



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# Architects design communities



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# Architects design communities

**Today we're going to work together to  
design buildings and then create a town**



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# Architects design communities

Today we're going to work together to  
design buildings and then create a town

**First we'll need to go over a few things...**



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# Elevation





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# Elevation

**An elevation is a  
flat drawing of  
one side of a  
building**





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# Elevation





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# Scale





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# Scale

**Represents large  
objects at a  
smaller size**

**For example:  
 $3/32'' = 1'-0''$**





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# What types of buildings make up a town ?





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# What types of buildings make up a town ?

**Schools**





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# What types of buildings make up a town ?

**Schools**



**Community  
Centers**



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# What types of buildings make up a town ?

**Schools**

**Shops**



**Community  
Centers**



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# What types of buildings make up a town ?

**Schools**

**Shops**



**Offices**

**Community  
Centers**



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# What types of buildings make up a town ?

**Schools**

**Shops**

**Libraries**



**Offices**

**Community  
Centers**



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# What types of buildings make up a town ?

**Houses**

**Schools**

**Shops**

**Libraries**



**Offices**

**Community  
Centers**



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# What types of buildings make up a town ?

**Houses**

**Schools**

**Shops**

**Libraries**



**Offices**

**Banks**

**Community  
Centers**



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# What types of buildings make up a town ?

**Houses**

**Schools**

**Shops**

**Gas Stations**

**Libraries**



**Offices**

**Banks**

**Community  
Centers**



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# What types of buildings make up a town ?

**Houses**

**Schools**

**Shops**

**Gas Stations**

**Libraries**



**Offices**

**Banks**

**Community  
Centers**

**And More !**

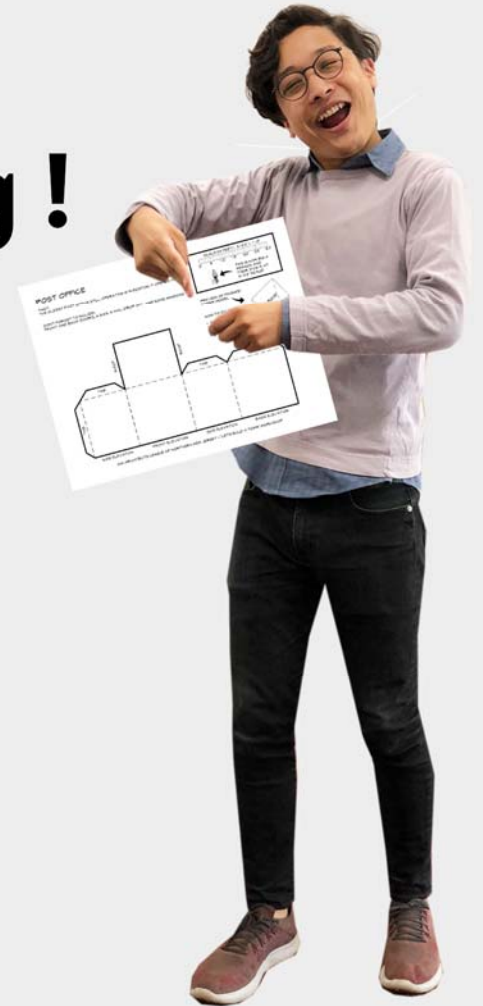
**So ? How do we do this**





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# 1. Everyone designs a building !

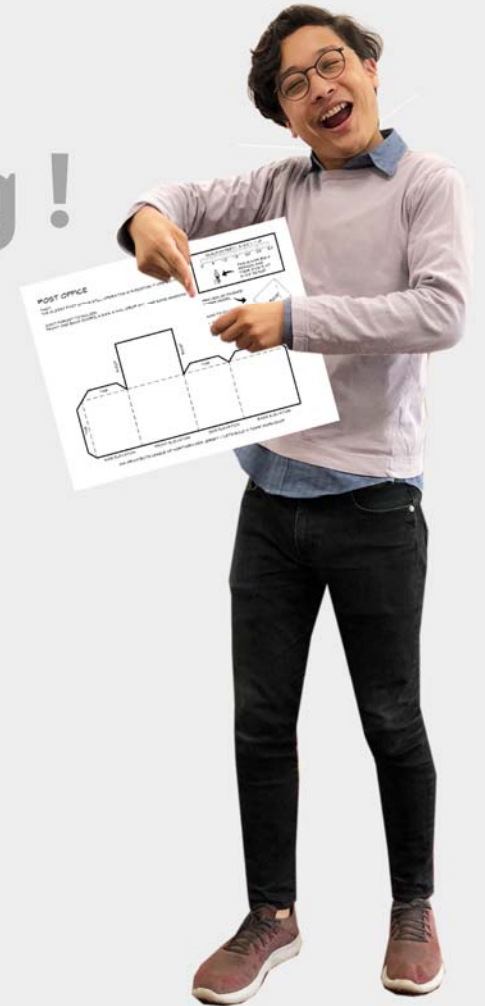




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# 1. Everyone designs a building !

## Draw an elevation !

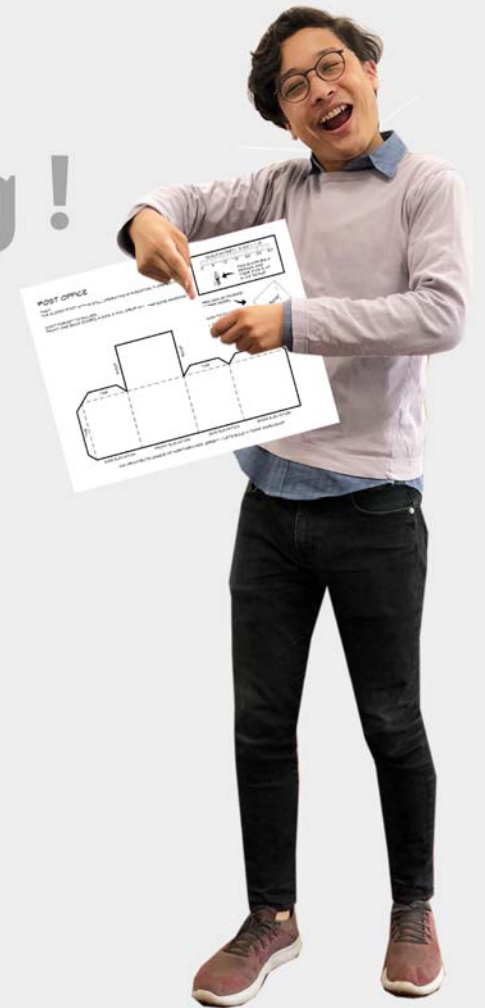




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# 1. Everyone designs a building !

**Draw an elevation !**  
**Build your model !**





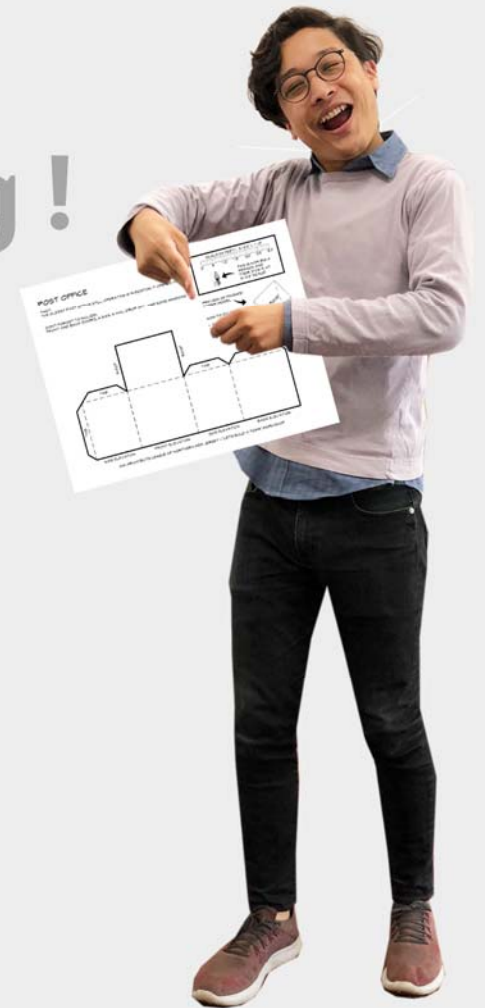
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# 1. Everyone designs a building !

**Draw an elevation !**

**Build your model !**

**Be creative !**



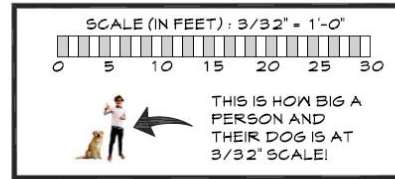


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## CONVENIENCE STORE

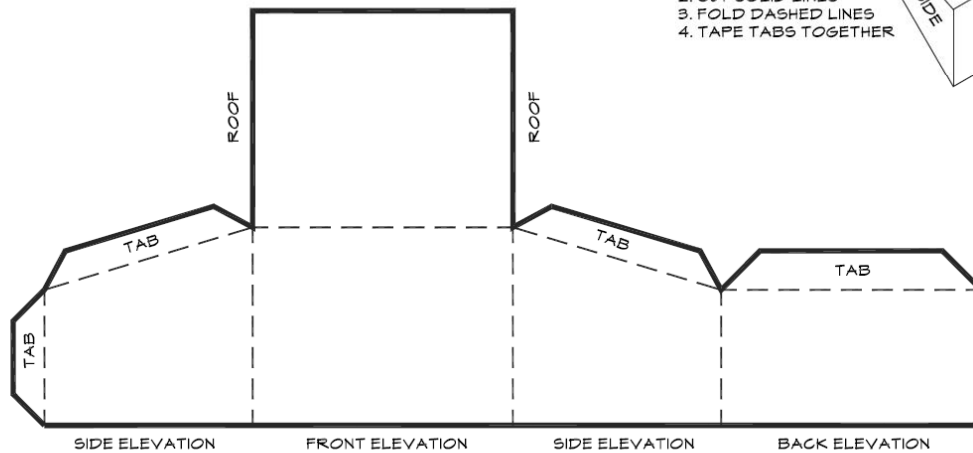
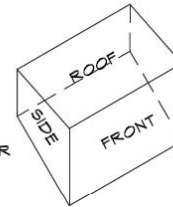
FACT:  
THERE ARE OVER 150,000 CONVENIENCE STORES IN THE UNITED STATES

DON'T FORGET TO INCLUDE:  
FRONT AND BACK DOORS, A SIGN AND SOME WINDOWS

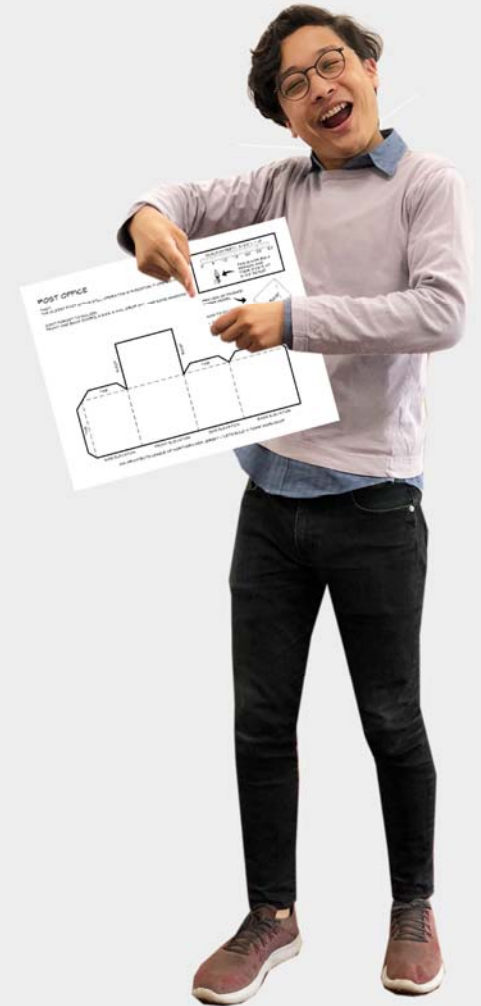


PREVIEW OF FINISHED PAPER MODEL

- HOW TO DO THIS:
1. DRAW IN ELEVATIONS
  2. CUT SOLID LINES
  3. FOLD DASHED LINES
  4. TAPE TABS TOGETHER



AIA ARCHITECTS LEAGUE OF NORTHERN NEW JERSEY - "LET'S BUILD A TOWN" WORKSHOP





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## **2. Then we'll then work together to decide what building goes where !**



**Let's Build a Town !**

