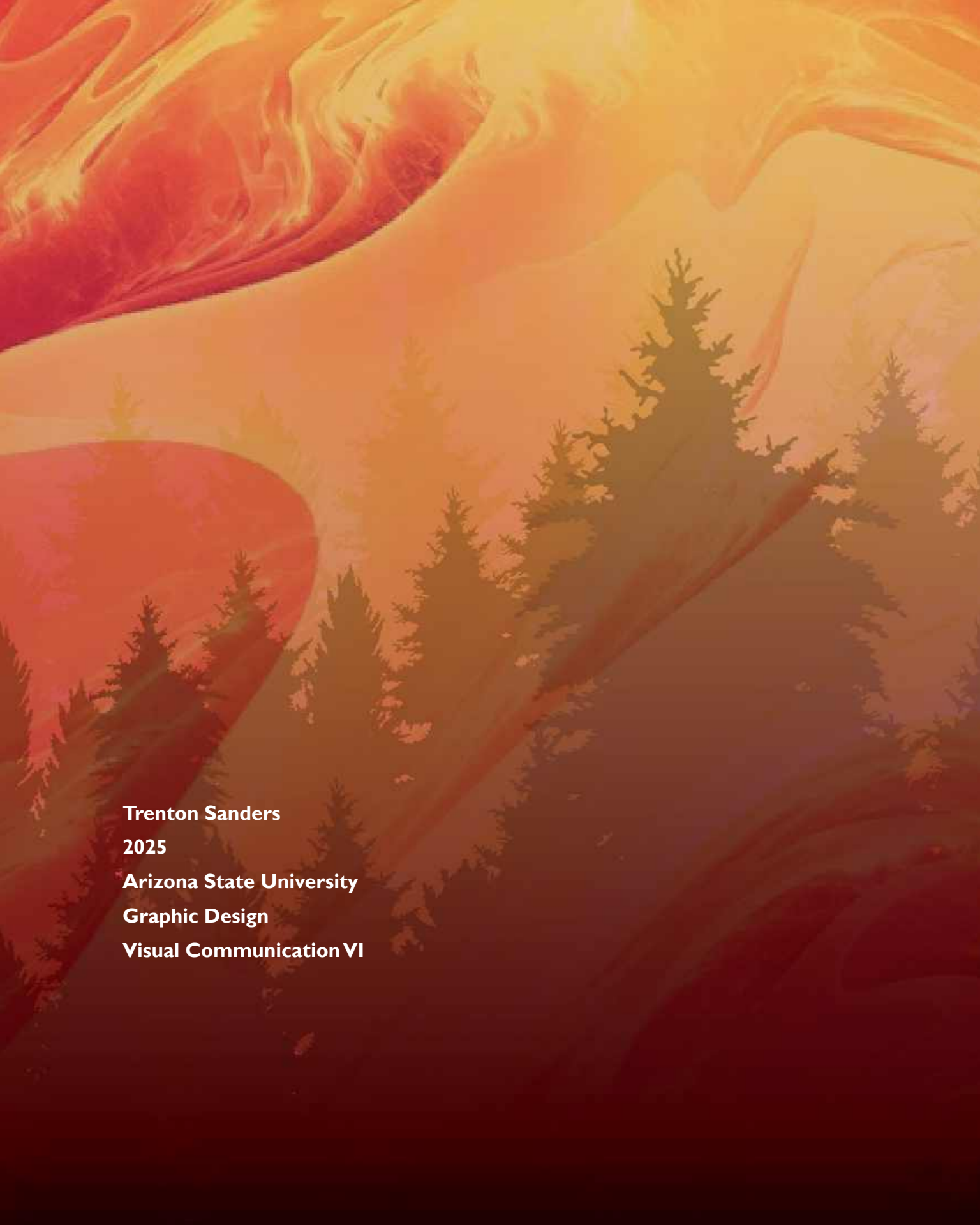

LOST TO THE
FLAMES





Trenton Sanders
2025
Arizona State University
Graphic Design
Visual Communication VI

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THE GROWING THREAT OF WILDFIRES

1







WE ARE LOOSING OUR FORESTS

Wildfires have a profound impact on forests, often causing significant damage to ecosystems. When a fire sweeps through a forest, it destroys trees, plants, and wildlife habitats, disrupting the delicate balance of the ecosystem. The loss of trees not only reduces the forest's ability to absorb carbon dioxide but also affects the local climate, water cycle, and soil stability. After a wildfire, the forest floor may become more vulnerable to erosion, as the roots of trees that once anchored the soil are destroyed. While some forests can eventually regenerate, the recovery process can take years or even decades, and the destruction of habitats can lead to the displacement or loss of species. In the long term, frequent wildfires can hinder the forest's ability to thrive and maintain its biodiversity.

1

HOMES ARE BEING DESTROYED

Wildfires have a devastating impact on communities, destroying homes, infrastructure, and natural resources. As flames spread uncontrollably, entire neighborhoods can be wiped out, leaving families displaced and businesses destroyed. The emotional and financial toll on residents is profound, as they lose not only their property but also their sense of security. The smoke and ash also pose health risks, further exacerbating the crisis. In addition to the immediate destruction, wildfires can have long-lasting effects on local economies and ecosystems, making recovery a slow and difficult process.

2







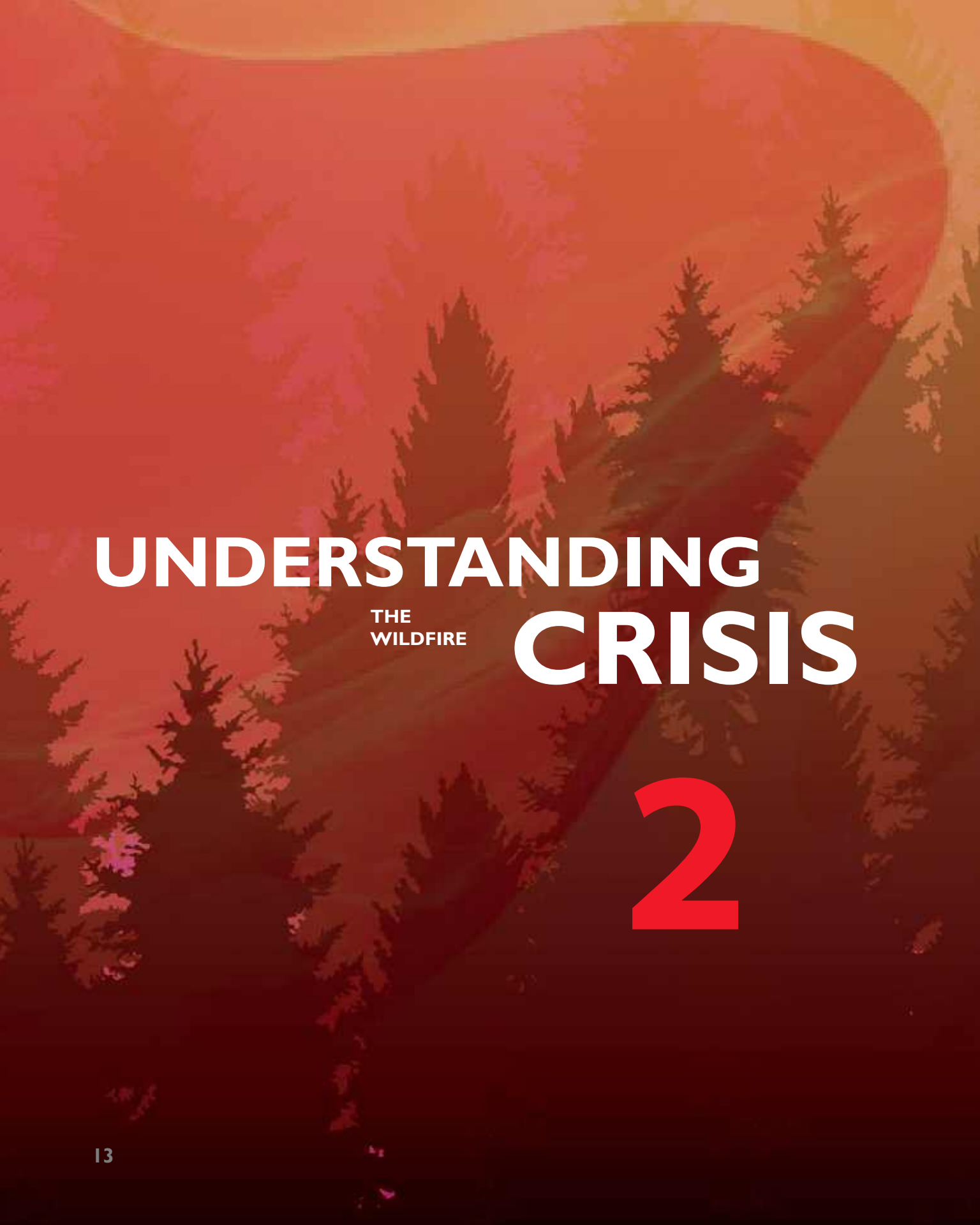

SALT CREE

LIVES ARE BEING LOST

Wildfires are claiming lives at an alarming rate, as rapidly spreading flames leave little time for escape. Firefighters, emergency responders, and residents are often caught in the path of destruction, facing extreme heat and fast-moving blazes. In many cases, entire communities are forced to evacuate, but some are unable to escape in time, tragically losing their lives. The loss of life isn't only from the flames themselves, but also from the hazardous smoke inhalation and collapsed infrastructure that follow. The emotional and human toll of these fires is profound, as families and communities are forever changed.

3





UNDERSTANDING THE WILDFIRE CRISIS

2



Wildfires

Trenton Sanders





- Volcanic Eruptions - Lava and hot ash from volcanoes can ignite wildfires
- Spontaneous combustion - certain materials like compost heaps can spontaneously ignite due to chemical reactions.

INITIAL RESEARCH

I initially started to gather research all over the internet, watching videos and gathering information in a power point to further understand wildfires and their impacts.

RATIO

lant species due to climate change can in an area. Some species may become apidly, increasing fire risk.

e can facilitate the spread of invasive plant urther exacerbating wildfire risks.

Changes in Precipitation Patterns

- Drier Condition - Climate change can lead to reduced rainfall in some areas, creating drier conditions that are more conducive to wildfires. Prolonged droughts can significantly increase the flammability of vegetation.
- Increased Intensity of Rainfall - intense rainfall can lead to rapid growth of vegetation, which may later dry out and become fuel for fires.



Patchwork

Patchworking in relation to wildfires, is the idea of managing land in patches or strips, such as creating firebreaks or cleared areas, you can help slow or stop the spread of wildfires. Firebreaks are cleared zones devoid of vegetation that act as barriers to wildfires.

Controlled Burns - controlled burns or prescribed fires in a patchwork fashion can reduce the amount of flammable material in forests and grasslands. This approach helps create a mosaic of burned and unburned areas, which can reduce the intensity and spread of future wildfires.

Arson - Deliberately starting fires with the intention of causing damage

Equipment use - Sparks from machinery, chainsaws, or other equipment can ignite fires

Power lines - Faulty or downed power lines can create sparks that ignite fires.

Burning Debris - Controlled burns that get out of hand or are improperly managed can spread to wild areas.

Fireworks - Improper or illegal use of fireworks can lead to huge fire hazards.

EXPLO

- High Temperatures - Hot weather can dry

- Strong Winds - Winds can carry embers to

ON

Increased Temperatures

- Higher Average Temperatures - Global warming leads to higher temperatures, which can increase the likelihood of wildfires. Hotter conditions can dry out vegetation, making it more susceptible to ignition.

- Extended Fire Seasons - Warmer temperatures can extend the fire season, allowing wildfires to occur earlier in the year and last longer.



Laws

Many laws are put in place to help prevent wildfires. Some include

- Burning Restriction laws - Many regions have laws that regulate or prohibit open burning during high-risk periods. This includes restrictions on campfires, debris burning, and agricultural burning.
- Public Education Awareness - Laws may mandate public education campaigns about fire prevention, safe practices, and emergency preparedness.
- Criminal Penalties - Laws that impose severe penalties for arson and the deliberate setting of fires. These laws are intended to deter and penalize those who intentionally start fires.
- Powerline Maintenance - Regulations requiring utility companies to maintain and

Limiting firefighting

Some fires are actually good. They allow for t
and decomposed trees and leave. This preve
out of control.

Wildfires are very natural and a large part of t
landscape. by suppressing them it allows for
flourish, which is perfect conditions for large w

In the U.S., the National Interagency Fire Center (NIFC) reports that wildfires have resulted in an average of around 10-20 civilian deaths per year over the past decade. However, this number can rise sharply during particularly severe wildfire seasons.

hat in the United States, there are typically around 70,000 to 80,000

acreage burned in the U.S. has been approximately 7 to 10 million
e burned across the country.

on (NOAA) estimates that the economic costs of wildfires in the U.S.
costs, property damage, and other related expenses.

dfire suppression efforts alone, according to the **U.S. Forest Service**.



EXPLORA

GWIS), about 4.5 million wildfires occur globally each year. However,
terns, land management practices, and other factors.

S) reports that globally, wildfires burn approximately 30 million hectares

de emissions. For example, the **Global Fire Emissions Database**
d 4.5 billion tons of CO2 into the atmosphere.

Deeper on why We Should Care

1. Environmental Responsibility

Wildfires have significant effects on ecosystems. They destroy wildlife habitats, leading to the displacement or death of numerous species. By caring about wildfires, you're taking a stand for the preservation of biodiversity and the health of our natural environments. Healthy ecosystems are vital for maintaining balance in the environment, supporting pollinators, and ensuring the resilience of natural processes.

2. Health Implications

Smoke from wildfires can travel long distances, affecting air quality far beyond the fire's immediate area. Poor air quality can lead to respiratory issues, cardiovascular problems, and exacerbation of existing health conditions. Caring about wildfires means you're also caring about public health, especially for vulnerable populations like children, the elderly, and those with pre-existing health issues.

3. Climate Change

Wildfires contribute to climate change by releasing significant amounts of carbon dioxide and other greenhouse gases. This not only affects global temperatures but also creates a feedback loop where warming conditions lead to more frequent and intense fires. By addressing wildfire risks and advocating for effective management, you're contributing to efforts to combat climate change and its global impacts.

5. Community Safety and Resilience

Wildfires pose a direct threat to human safety and can lead to the destruction of homes and infrastructure. By being concerned about wildfires, you're advocating for better preparedness and response strategies, which enhances community resilience. This includes supporting policies that promote safe building practices, community planning, and emergency response systems.

- Rising temperatures, prolonged droughts, and changing precipitation patterns due to climate change are increasing wildfire risk globally. This trend is evident in many regions, including North America, Europe, and Australia.

Population and Infrastructure Impact:

- Wildfires increasingly affect populated areas and infrastructure, leading to greater property damage, economic loss, and displacement of communities.

- The **European Forest Fire Information System (EFFIS)** report
(about 74 million acres) of land annually.

Carbon Emissions:

- Wildfires contribute to about 10% of global carbon dioxide emissi
(GFED) estimates that in 2019, wildfires released around 4.5 billi

Wildfire Seasons

Western U.S. (California, Oregon, Washington): Wildfire season typically peaks from late summer through fall, with the most active period often from July to October. This is influenced by dry conditions, high temperatures, and Santa Ana winds in Southern California.

Eastern U.S.: Wildfires are less frequent but can occur year-round, with a slight increase in spring and fall due to seasonal weather patterns.

Experts

Dr. Michael Flannigan

- **Affiliation:** University of Alberta
- **Specialization:** Fire science, fire behavior, and climate change impacts on wildfire
- **Notable Work:** Dr. Flannigan has conducted extensive research on how climate change influences wildfire frequency

Dr. Monica Turner

- **Affiliation:** University of Wisconsin-Madison
- **Specialization:** Landscape ecology, fire ecology, and the ecological impacts of wildfires.
- **Notable Work:** Dr. Turner is known for her research on the ecological effects of wildfires and how different ecosystem

Dr. Cheryl J. L. Holdsworth

- **Affiliation:** USDA Forest Service
- **Specialization:** Fire science, fire behavior, and fire management.
- **Notable Work:** Dr. Holdsworth has contributed to understanding fire behavior and developing strategies for managing

Dr. Jennifer Balch

- **Affiliation:** Colorado State University
- **Specialization:** Fire ecology, remote sensing, and the role of fire in ecosystems.
- **Notable Work:** Dr. Balch's research focuses on the global fire regime and how human activities and climate change i

Dr. John Gill

- **Affiliation:** University of Melbourne
- **Specialization:** Fire ecology and the role of fire in different ecosystems.
- **Notable Work:** Dr. Gill is known for his research on fire behavior and its ecological impacts, particularly in Australian e

RESEARCH CONTINUATION

Upon further exploration and research I started gathering statistics and data that could support my claims. and pulling together a story.

Why You Should Care

You should care about wildfires because they affect our everyday lives whether we can see it or not. The air quality, the environment, human safety, climate change, are just a few of the concerns for each person.

Sources

What Causes Wildfires? | Earth.Org

Explainer: How Wildfires Start and Spread | College of Natural Resources

The Ecological Benefits of Fire (nationalgeographic.org)

Patch-Burn Grazing | The Prairie Project

GWIS - Welcome to GWIS (europa.eu)

Wildfires and Acres | National Interagency Fire Center (nifc.gov)

Wildfire experts available to explain fire behavior, potential impacts | NCAR

How wildfires affect climate change — and vice versa (theconversation.com

The Spread of Wildfires

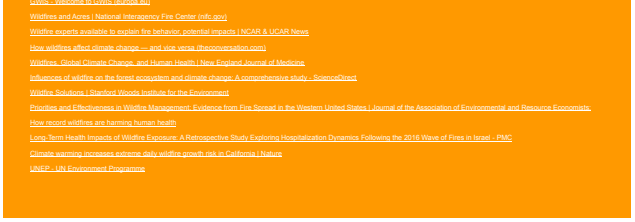
And Their Impact on the Ecosystem

By Trenton Sanders





PRES





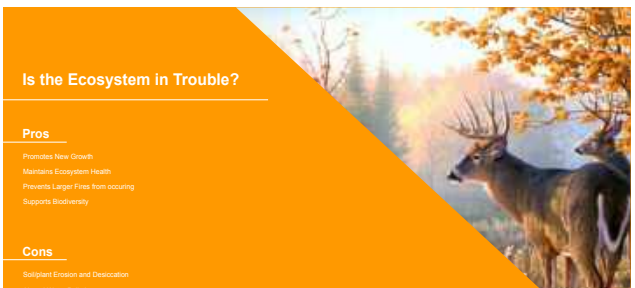


REDESIGNED POWERPOINT

I decided to make my power point more professional looking and visually compelling. I wanted to add realistic images to show the severity of the issue, and harsh separations of image and text for boldness.

SENTATI






Putting out campfires
Properly disposing items
Proper use of fireworks and machinery

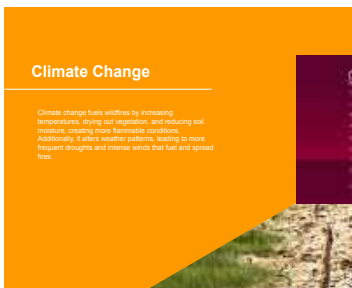

Effects on the
Ecosystem


What are the effects?
Drier Condition
Increased Intensity of Rainfall
Higher Average Temperatures
Extended Fire Seasons


Why it Matters
Wildfires are not just a natural disaster; they are a growing global crisis that threaten lives, ecosystems, and our planet's future, making it crucial for everyone to understand their impact and take action.
"The Number of wildfires are to rise by 50 per cent by 2100 and governments are not prepared"

ION


Increase funds and support
Education
Firefighters
New Firefighting solutions


Climate Change
Climate change fuels wildfires by increasing temperatures, drying out vegetation, and reducing soil moisture, creating more flammable conditions. Additionally, it alters weather patterns, leading to more frequent droughts and intense winds that fuel and spread fires.

BALA



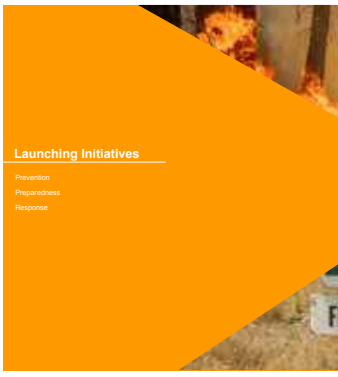


ICE

EMPHASIZING A FOCAL POINT

Throughout my research I found that there are good and bad things about wildfires and ultimately there needs to be a balance of controlling fires, and letting them burn, but this takes great responsibility and action.

BALANCE

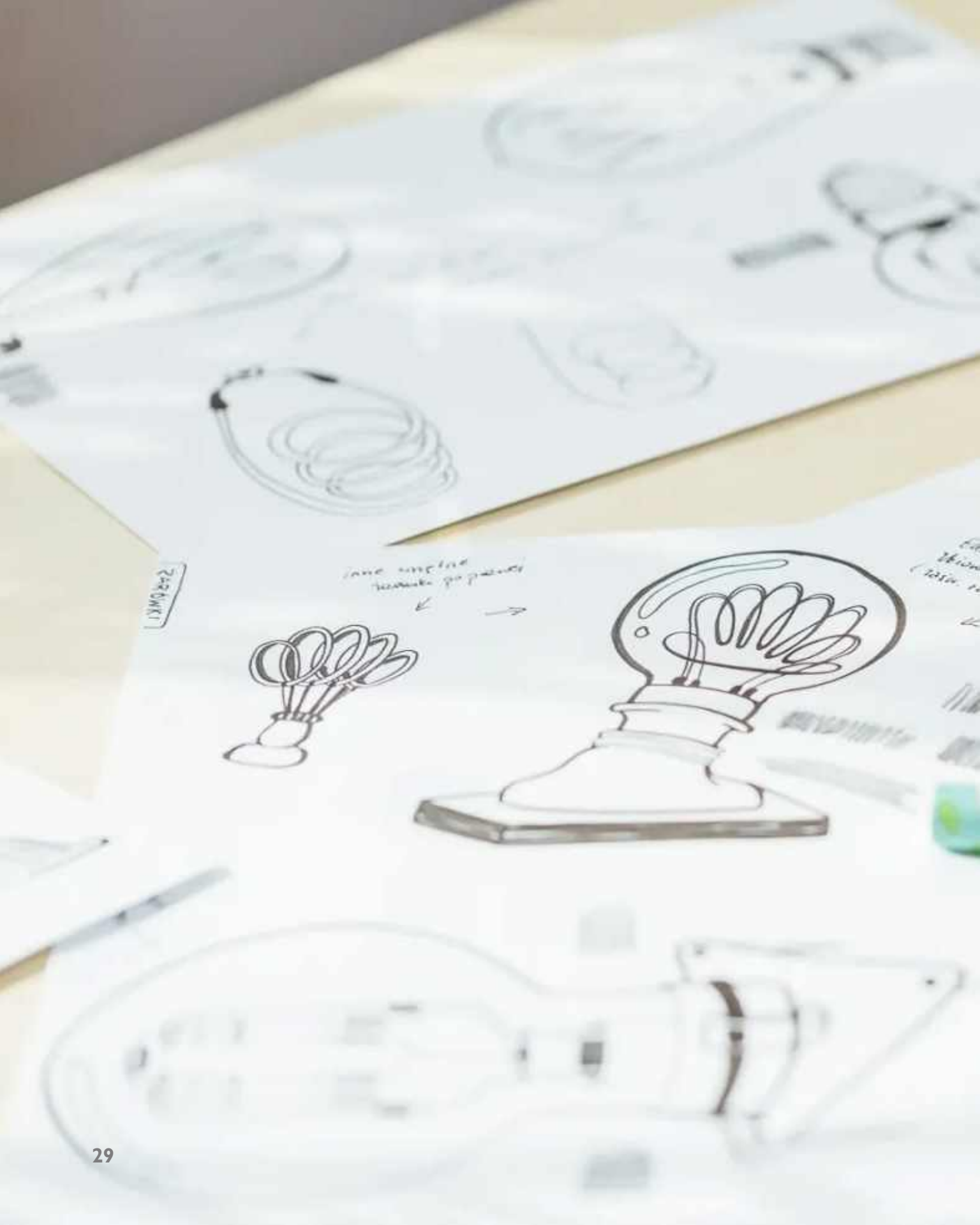




THE FLAMES THAT INSPIRE CHANGE

3







GATHERING INSPIRATION

Starting my exhibit I gathered images for different direction I wanted to take my exhibit, focusing on a central image or interaction piece to communicate my idea.

ACTIVE ELEMEN





INTERA

ITS

THE GAME OF BALANCE

Janga inspired me to think about a potential game where viewers had to try to keep the balance of the tower by taking away different blocks that resembled a factor to wildfires







NING IMAGERY





INDEXICAL CHARRING

My next ideas had to do with charcoal drawings and laser cutting images and text. I thought this could be a very indexical subtle way of showing fires aftermath, or destructive capabilities.

RUCTURE





TREE RINGS

This idea was to take tree rings and to use them in a graphical way to show information, or to frame chunks of information. This would connect to trees and wildlife effected by wildfires.

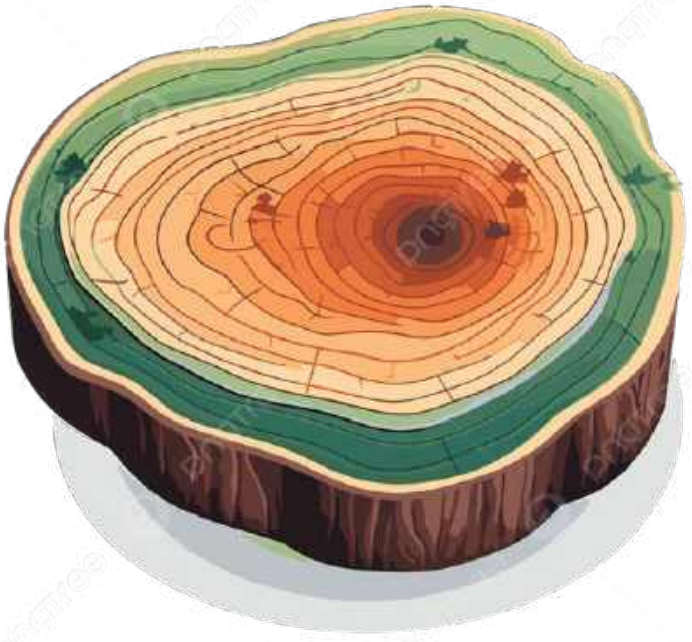




STR

GRAPHICAL IMAGERY

The idea of using the rings of a cut out of a tree got me thinking of how I mights showcase data in a interesting way visually tying to the idea of wildfires and their impact on forests.



OBJECTS





PHYSICALLY CHARRED

Another idea that came to mind was showcasing actual physical burnt objects, this would create a personal reality to the issue, that resonate with the viewer of the exhibit.





BURNING C

AFTERMATH OF THE FIRE

Connecting someones personal story and an actual object that they lost to a fire, would really impact the viewer to a real personal threat that may lead to seeing wildfires as important.





FORGING A CREATIVE SOLUTION

4







DIGITAL SKETCHES

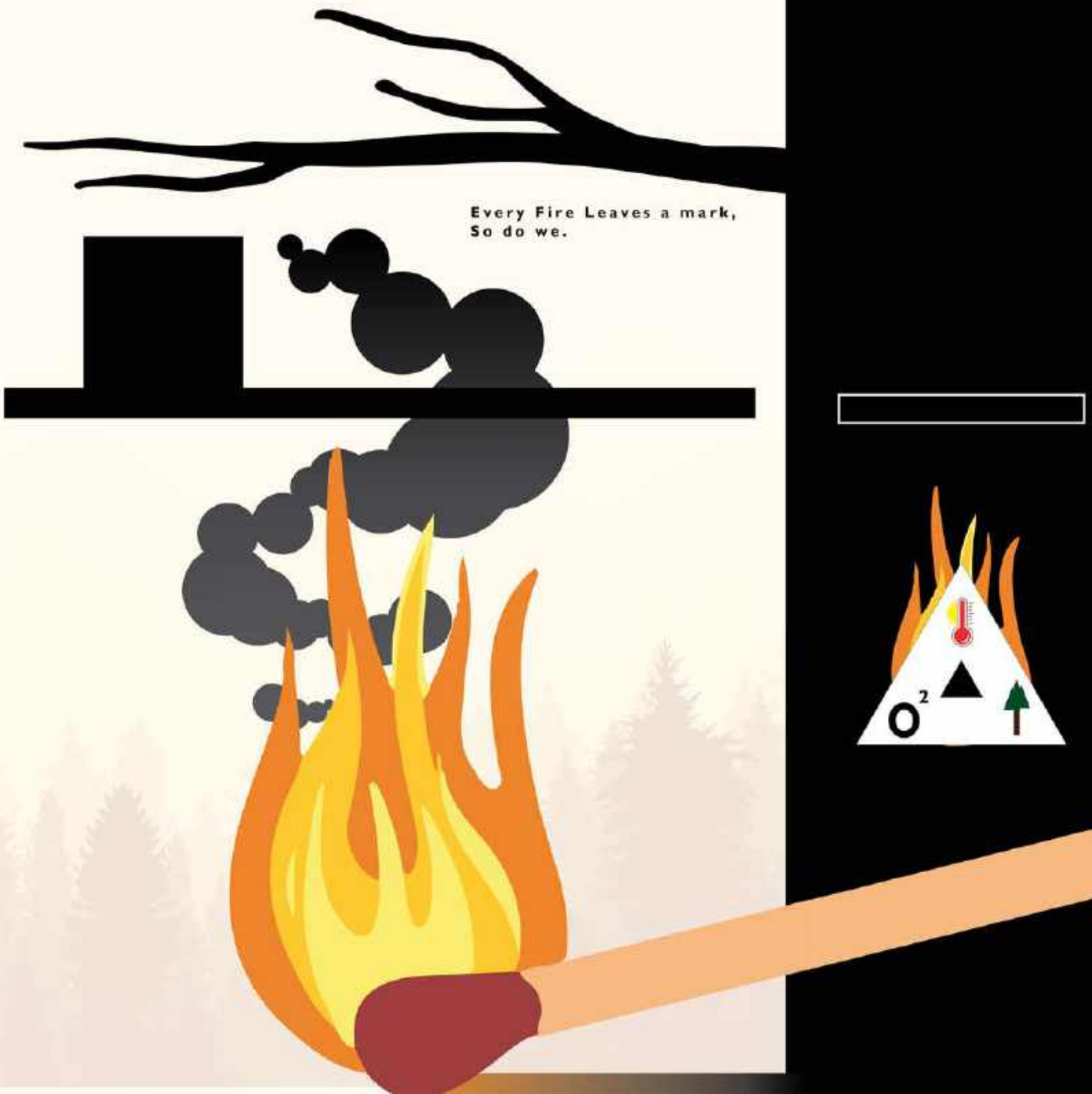
My first sketches consisted of flushing out the idea of having a tree and a fire in the exhibit to visually show this was about wildfires. I also decided on a title and direction to show what was lost to the flames.

FALLOUT OF THE FLAMES

Every Fire Leaves a mark,
So do we.

Wildfired are out of control!

Every Fire Leaves a mark,
So do we.



EXPLORING DATA VISUALIZATION

I began to start thinking in the direction of having a centralized graph to be the center point of the exhibit and highlighting key points using color.

LOST TO THE FLAMES

Causes

A thought-provoking journey into the devastating yet complex reality of wildfires — how they carve scars into both the environment and human lives. This exhibit delves into the aftermath of flames, using the visceral imagery of charcoal to emphasize destruction, resilience, and the marks left behind.

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A thought-provoking journey into the devastating yet complex reality of wildfires — how they carve scars into both the environment and human lives. This exhibit delves into the aftermath of flames, using the visceral imagery of charcoal to emphasize destruction, resilience, and the marks left behind.

What mark will you leave?



Causes

"Wildfires are responsible for an average of 7.2 million acres of land burned

Causes

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Causes

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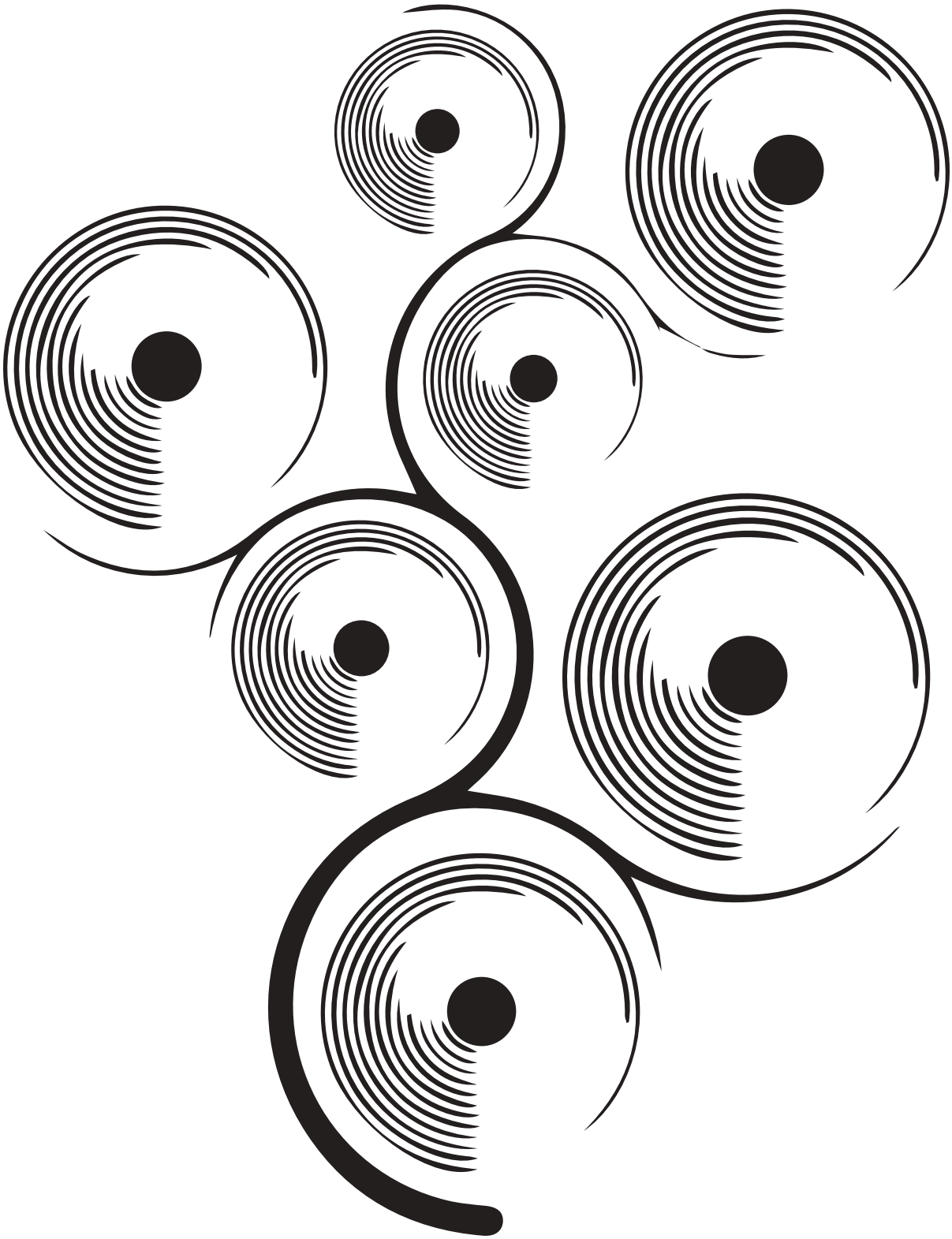
Causes

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GRAPHICAL TREE RINGS

I sketched an idea of a tree rooted system to showcase multiple graphs using tree rings. This was very visually interesting, but I decided to take another approach.



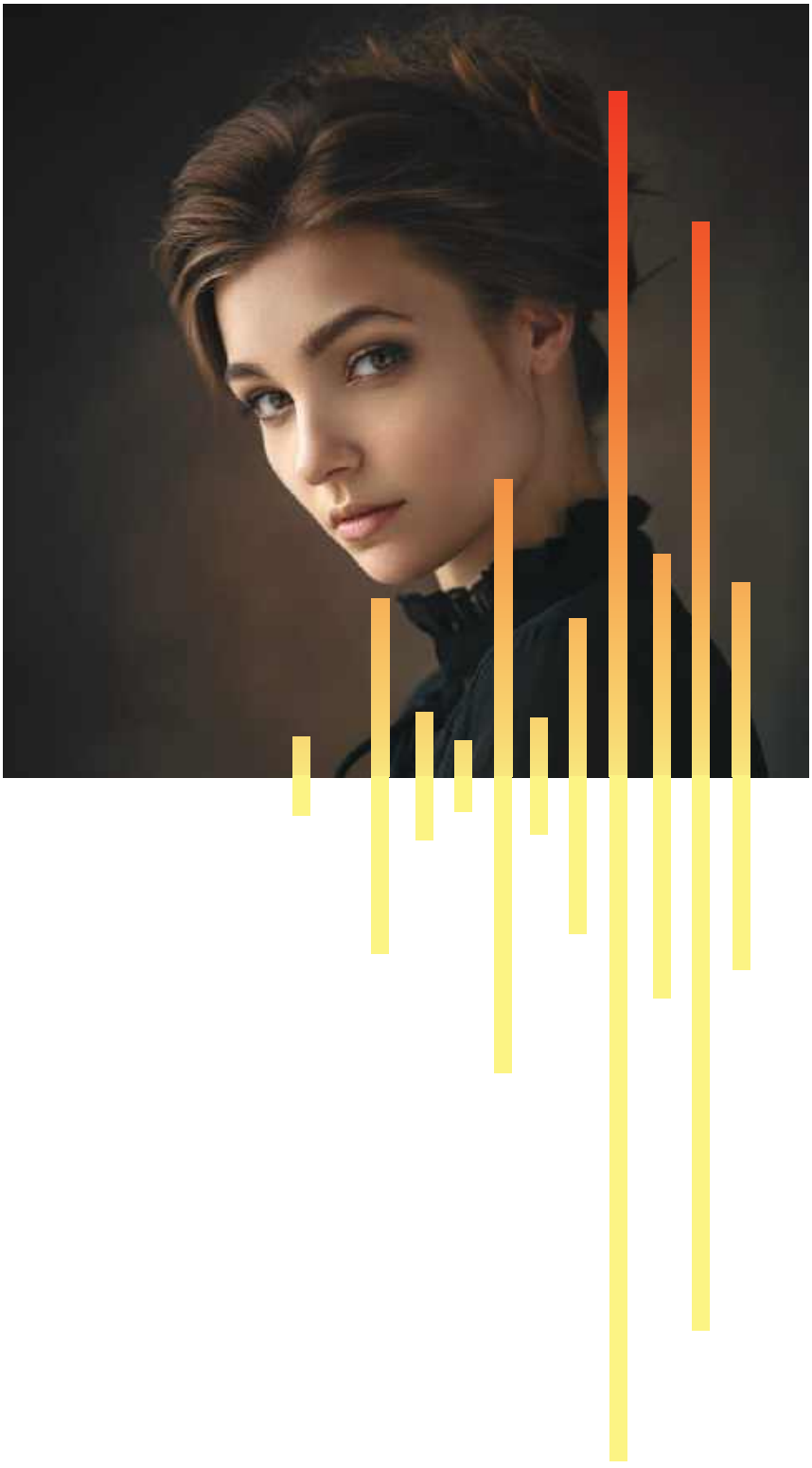
BURNT IMAGES

This idea was to showcase personal stories from victims and having their images burnt to visually show the damage fire had on these people.



IMAGE BASED GRAPHS

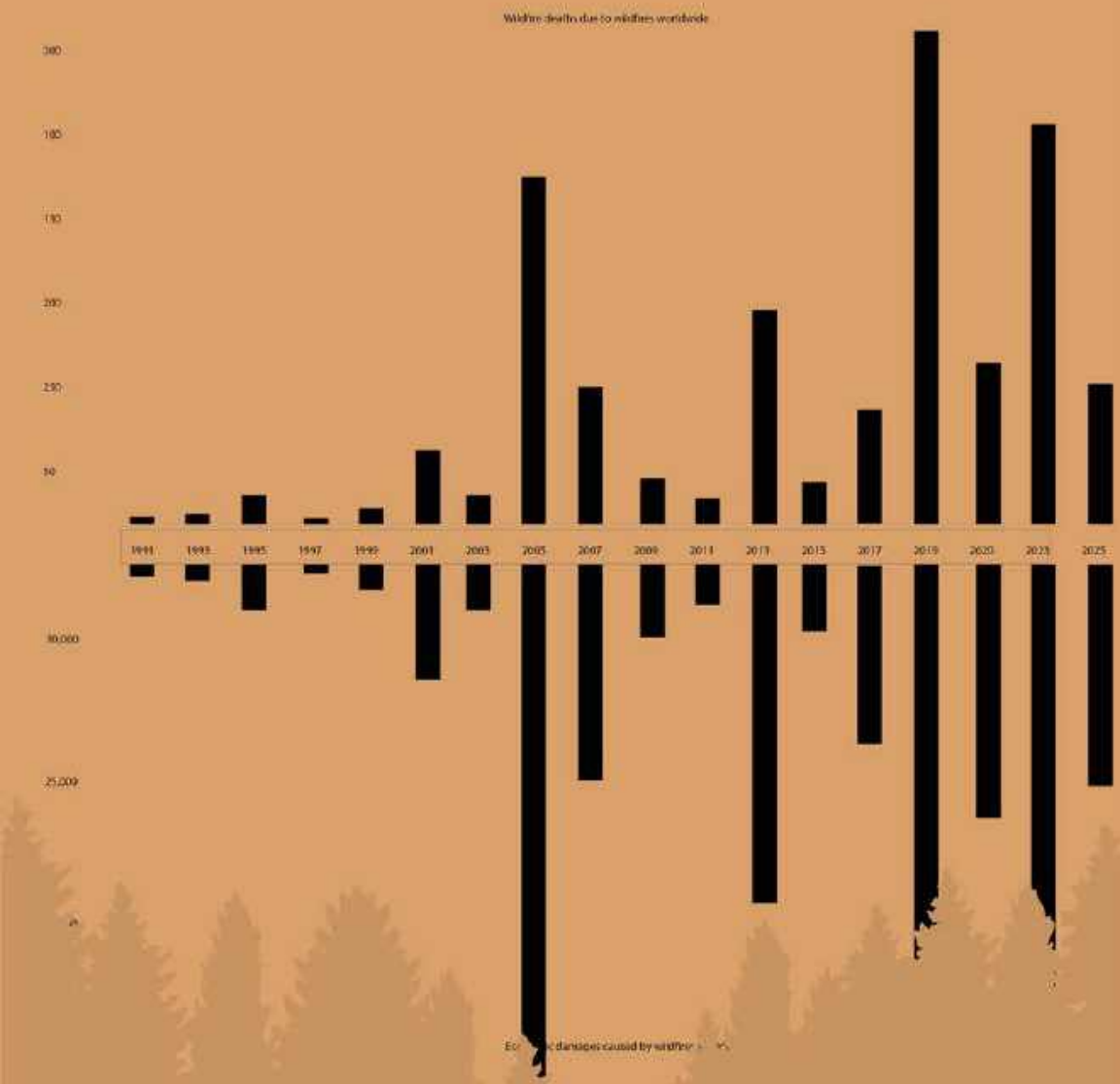
I had an idea of combining images and graphs, intertwining personal stories with graphical data in a interesting way.



USING THE STRUCTURE

This idea was to take the shelf of the structure of the exhibit and make it be a divide in two different graphs showing the parallel of different aspects of wildfires destructive capabilities.

What mark will you leave?

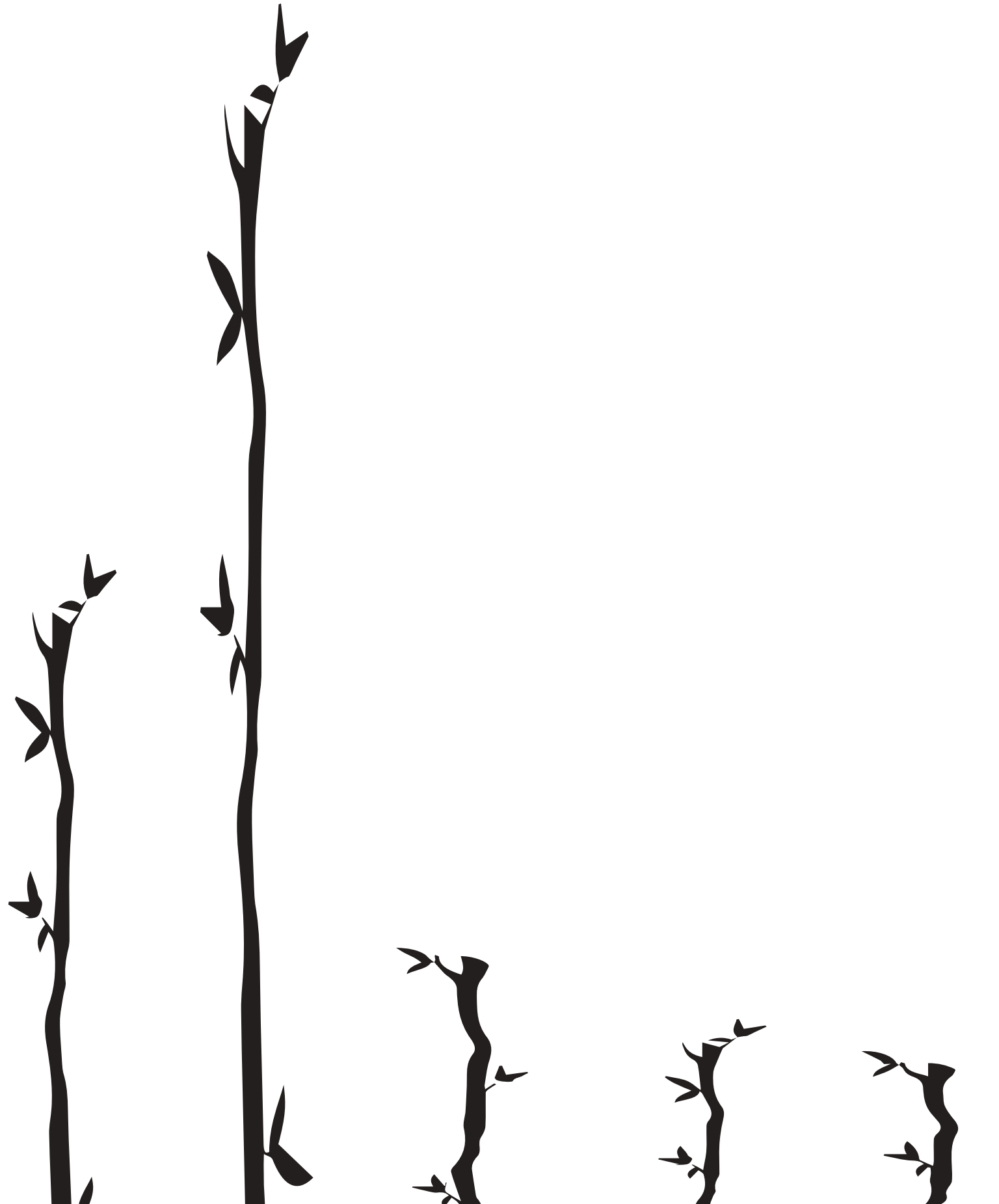




DIFFERENT WAYS TO SHOW DATA

After not being happy with the direction of the exhibit I went back to basic thinking of showing graphs and making simple graphs with things related to wildfires.





FIRE GRAPHS

I decided to experiment with using fire itself to show the graphs, using embers with different sizes and shapes to mean different things, while also showing a broader data point.

















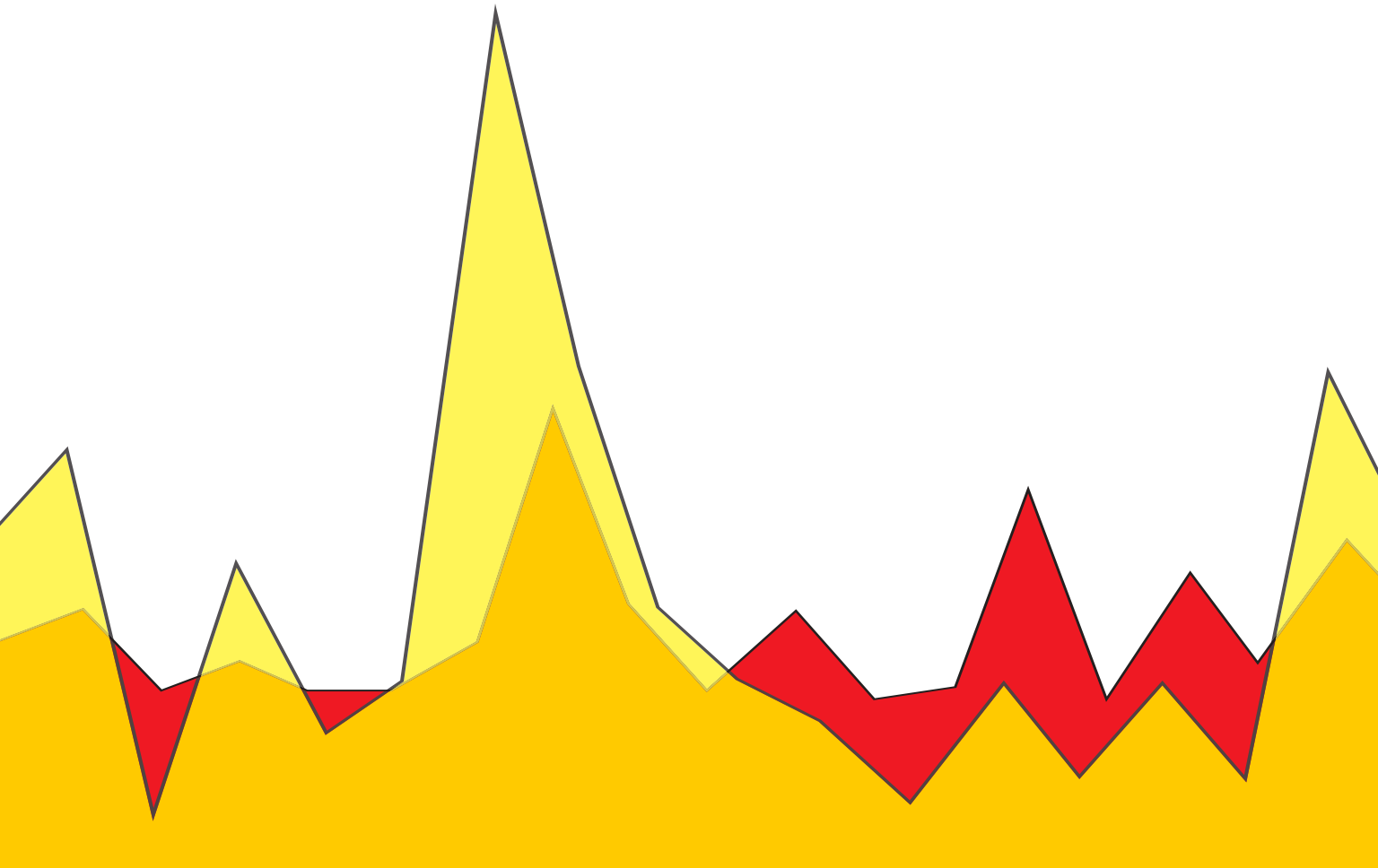


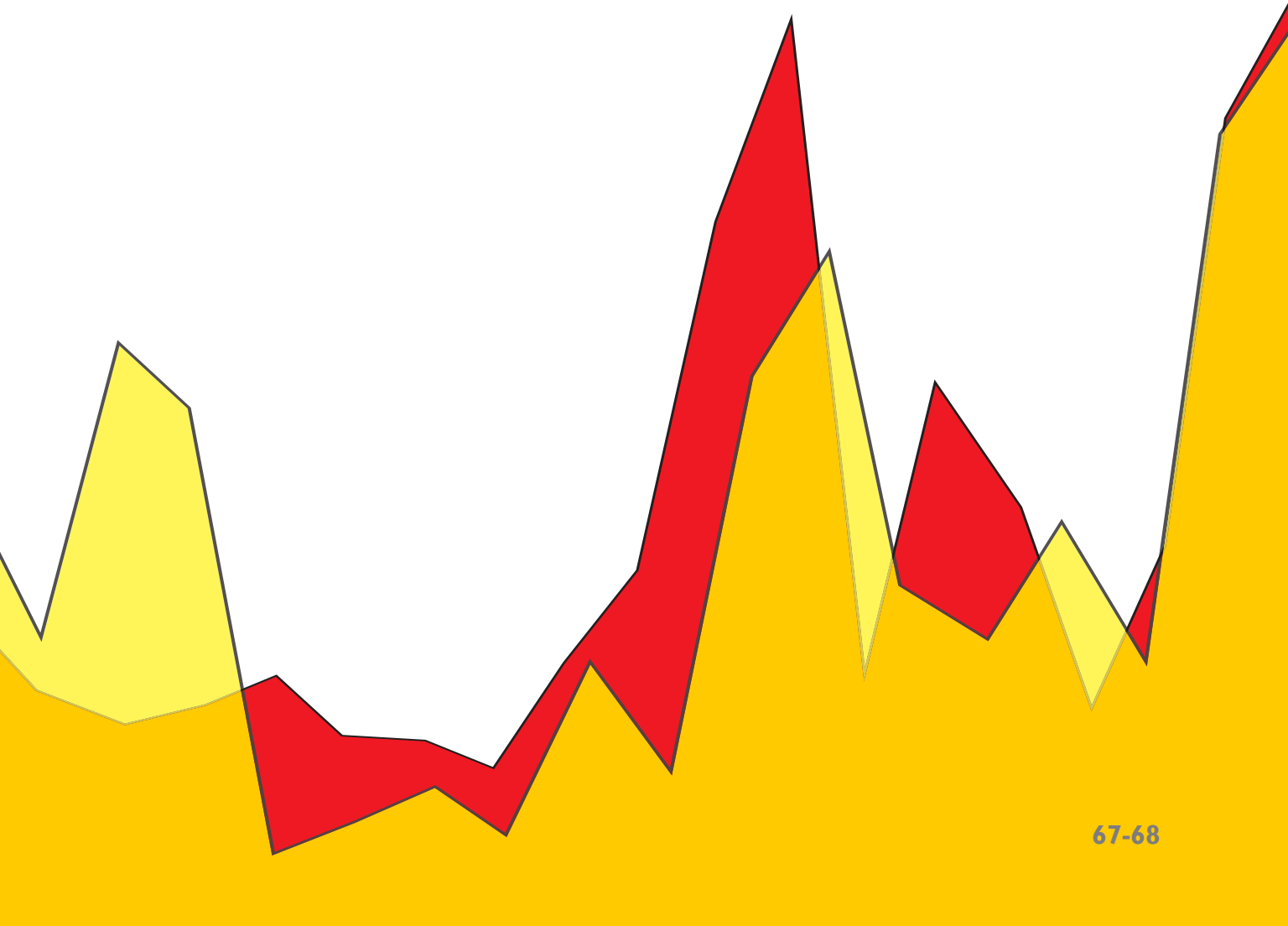




OVERLAPPING GRAPHS

With this idea I explored maybe having multiple graphs overlap each other with a transparent feel to it showing the depth to the complicated issue of wildfires.



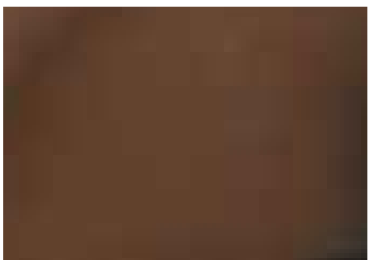




IMAGES INSIDE A GRAPH

I stumbled onto the idea of having a very impactful image be within the graph itself using masks. This would not only be a strong visual but also connect the data to the topic.

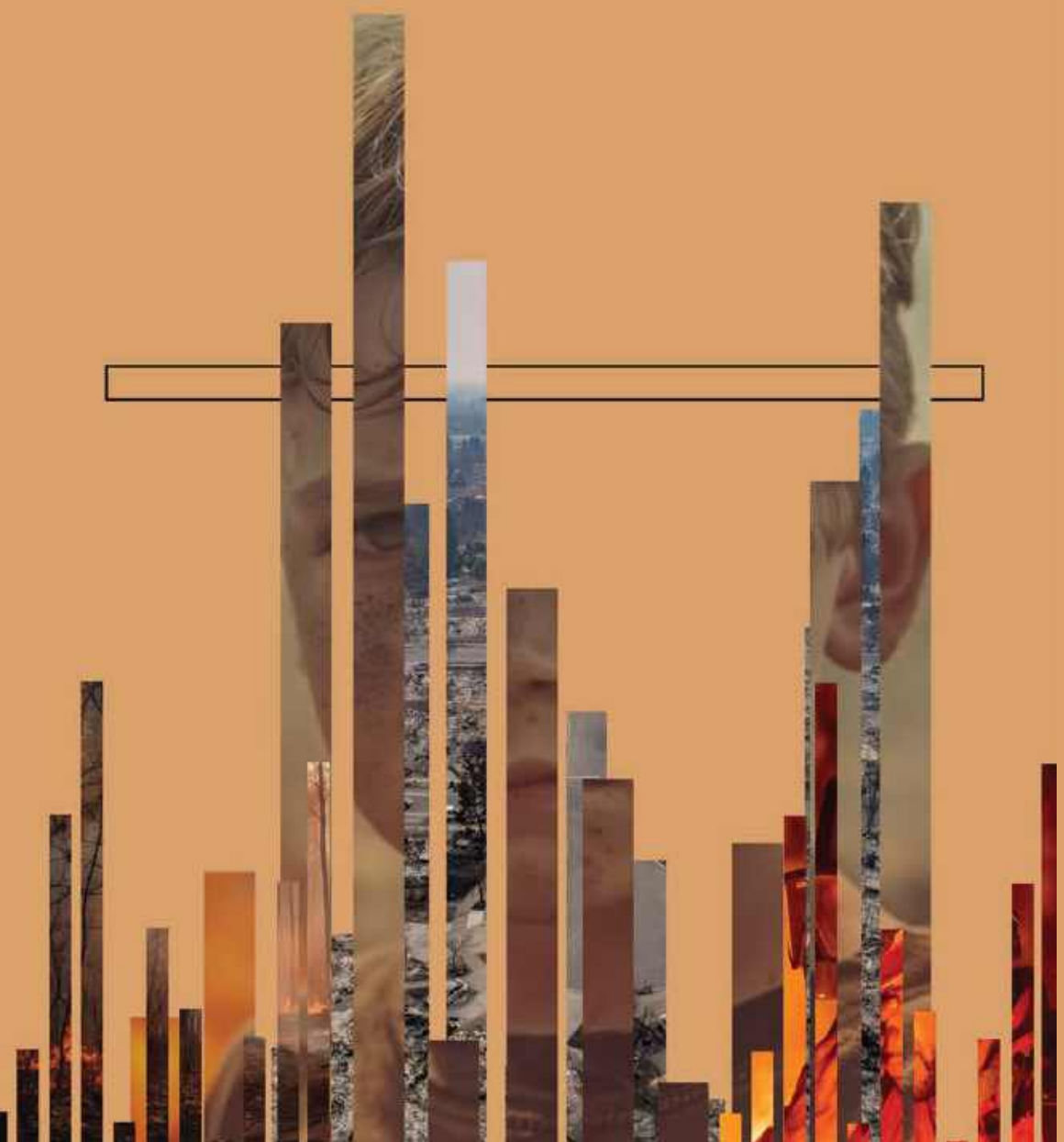




A LARGER SCALE

I tried this idea on a larger scale making almost a collage of different images to show a graph, and then multiple graphs on top of each other to show a larger picture. I eventually realized this was vary complicated.

LOST TO THE FLAMES











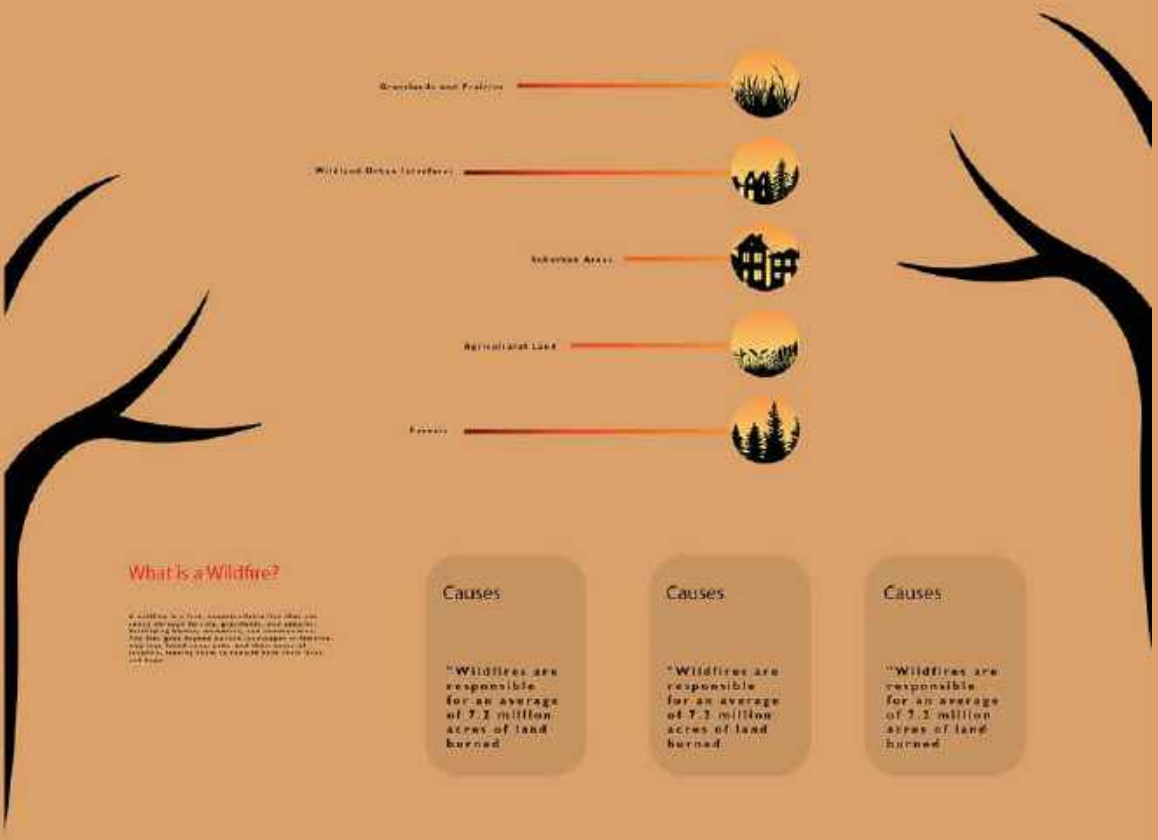




EXPLORING LAYOUT

I decided to think about how I was going to layout my information, and where each part would live, but I was still unsure on a direction, and on the content, which made it hard.

LOST TO THE FLAMES



What is a Wildfire?

A wildfire is a free, uncontrollable fire that can spread through forests, grasslands, and suburbs, destroying homes, endangering lives, and consuming millions of acres of land. The fuel, good burning across landscapes in various ways, from forest crown, peak, and flame zones, to underbrush, burning debris, to creeping fires, slow moving and deep.

Causes

"Wildfires are responsible for an average of 7.2 million acres of land burned

Causes

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Economic Damages in the last 50 years

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What is a Wildfire?

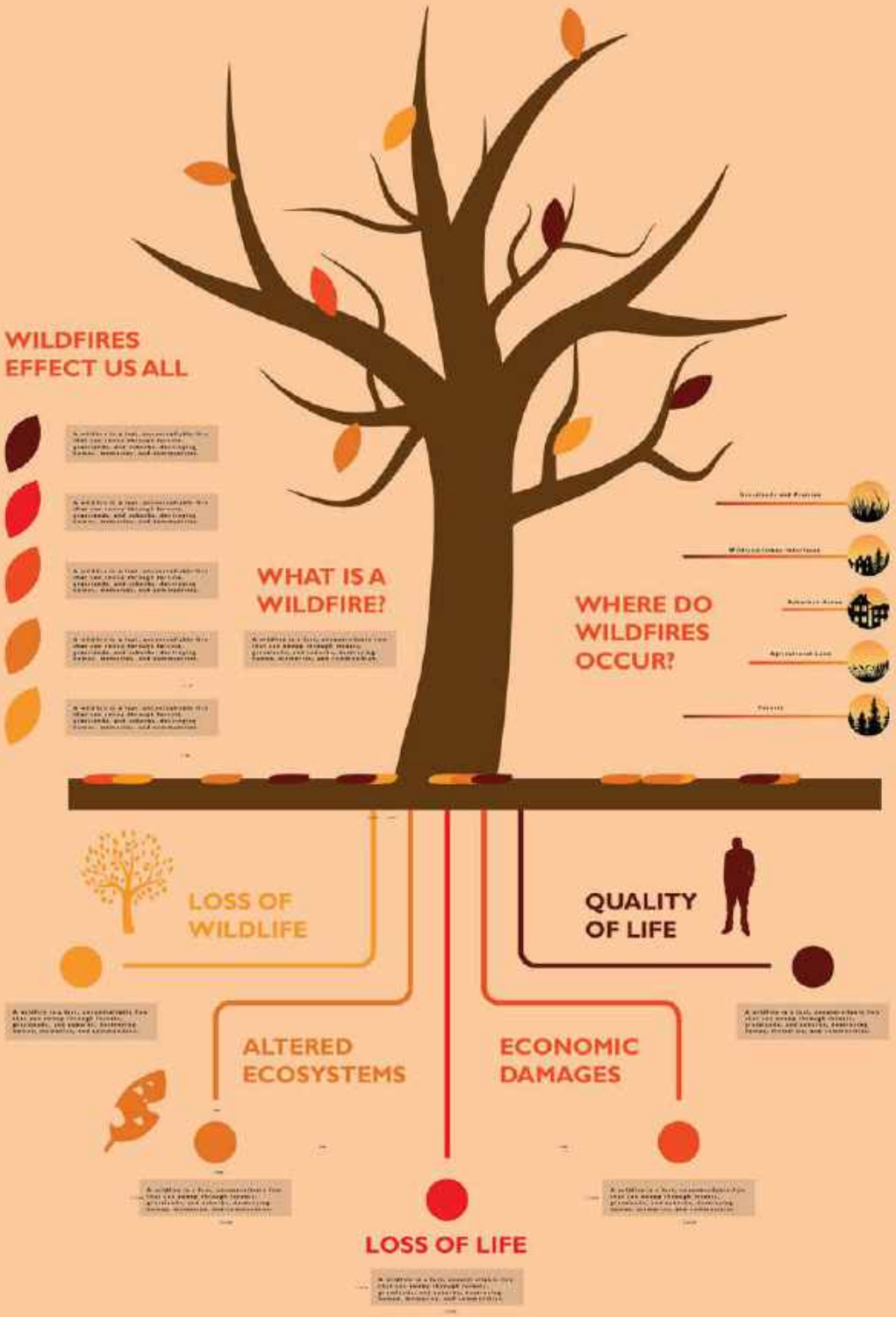
A wildfire is a free, uncontrollable fire that can spread through forests, grasslands, and suburbs, destroying homes, endangering lives, and consuming millions of acres of land. The fuel, good burning across landscapes in various ways, from forest crown, peak, and flame zones, to underbrush, burning debris, to creeping fires, slow moving and deep.



COMBINING IDEAS INTO ONE

After lots of exploration I decided to take different things from all my ideas I thought was working, and combined them into one well organized structure, that also tied in the visual elements.

LOST TO THE FLAMES



WHAT IS CAUSING THIS? DAMAGE



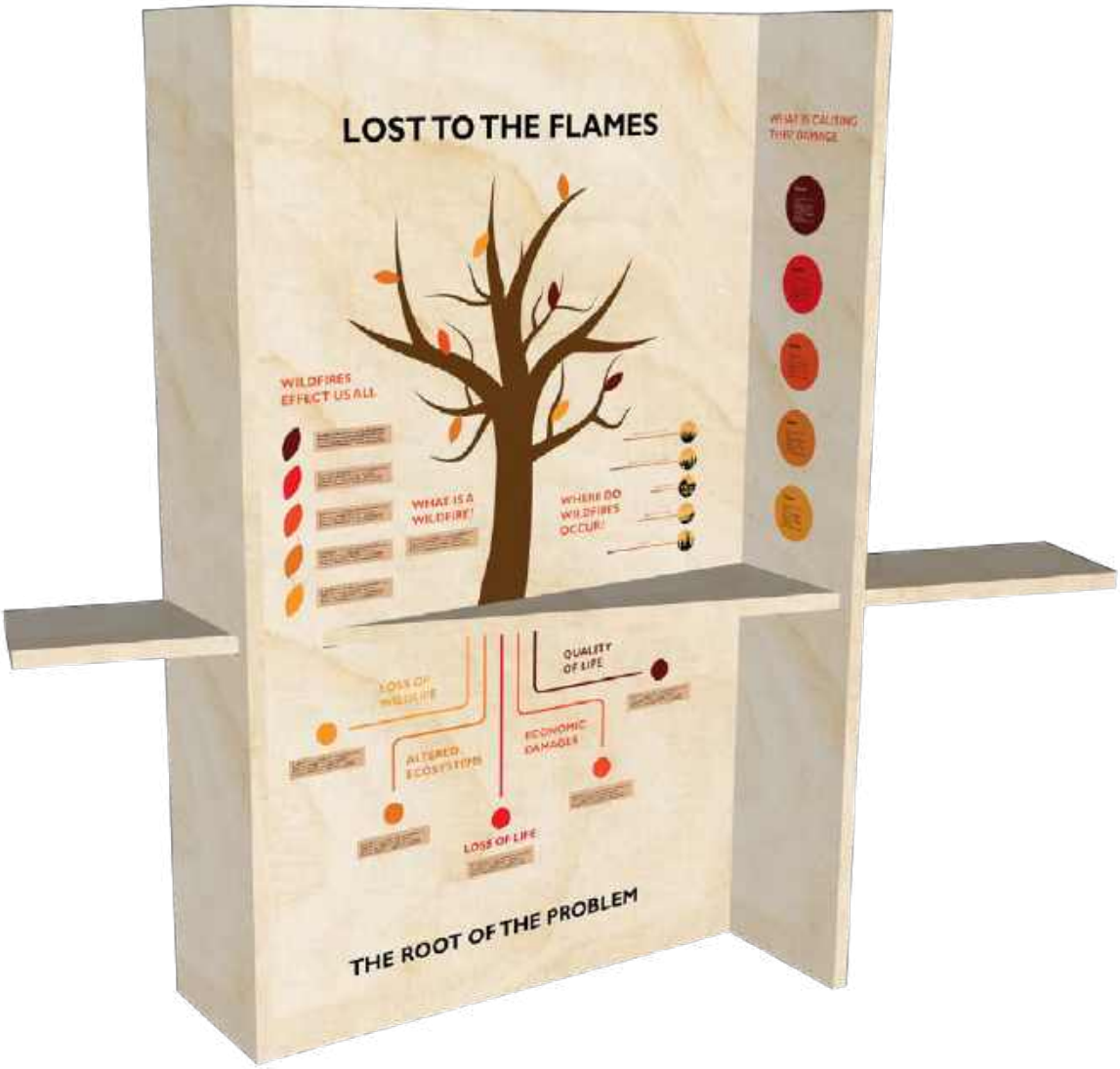
WHAT CAN WE DO ABOUT IT?

THE ROOT OF THE PROBLEM

LEAVE YOUR MARK

THE EXHIBIT

I finally created a mockup of what the exhibit will look like in sketchup to visualize the physical exhibit.

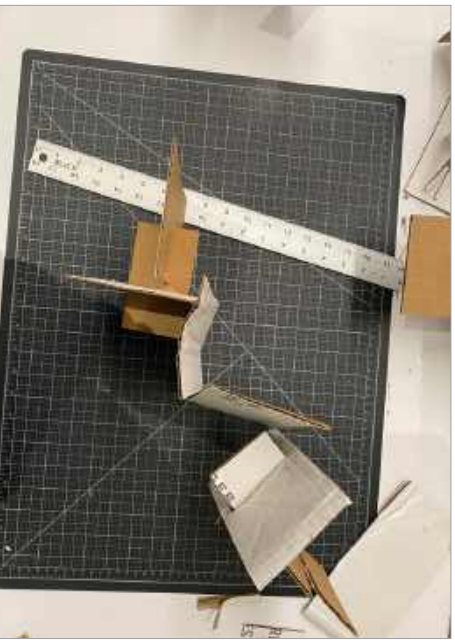

LOST TO THE FLAMES
WILDFIRES EFFECT US ALL
WHAT IS A WILDFIRE?
WHERE DO WILDFIRES OCCUR?
QUALITY OF LIFE
LOSS OF WILDLIFE
ALTERED ECOSYSTEMS
ECONOMIC DAMAGES
LOSS OF LIFE
THE ROOT OF THE PROBLEM



UNITED WE SPARK CHANGE

5







COMMITTEE WORK

My committee I was assigned was, exhibit design.
Our objective was to organize, and plan out how the exhibit was structured, and laid out.

STRUCT

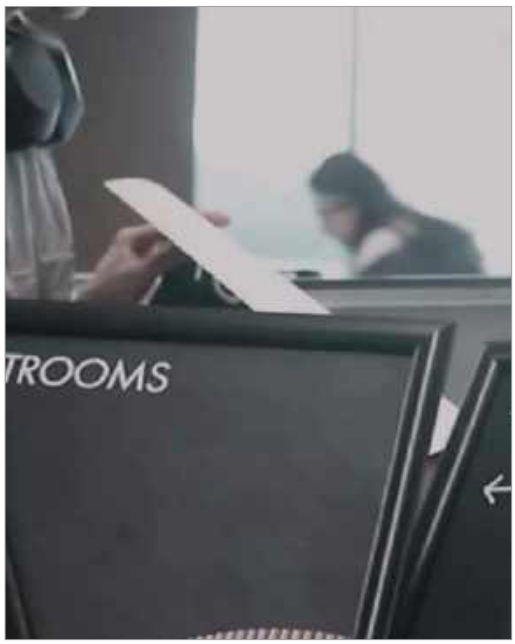




URE

POSTER SHOW

My responsibility in the poster show was way finding the space, and setting up the structures and posters. This was the same for the final exhibit.




AT PRESENT TIMES
FUTURE FEELS TENSE
AT'S WHY
KISSED
YOU
BLACK SWAN
Where
Act Basic
Go to Work
Have Attitude
Be Opulent
THE SHOW MUST GO ON

ORGANIZING POSTERS

Another job I helped with was organizing the posters to make setup easier, so that every poster was in its correct section.



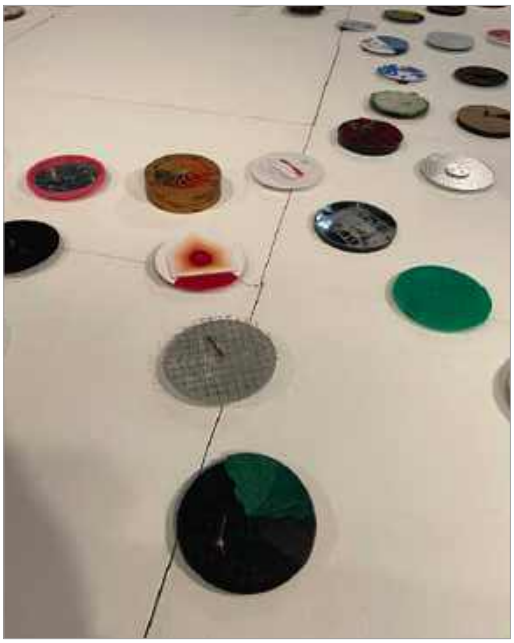
NIZATION





CLOCK SHOW

We also all helped with putting together the clock show to showcase our social issue clocks connected to the exhibit.





ORGAI



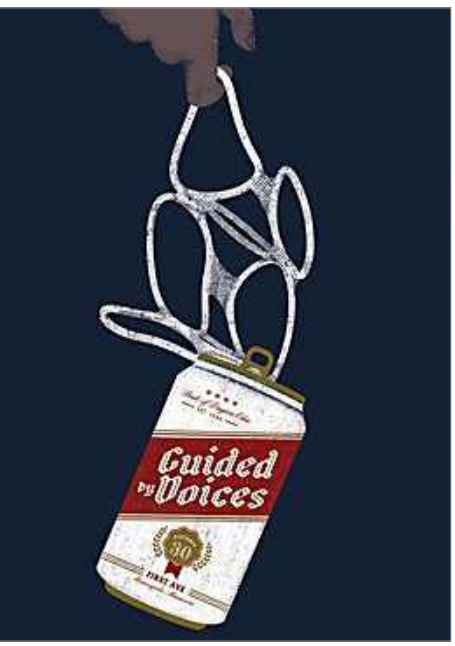
SPREADING THE WORD FOR SUPPORT

6



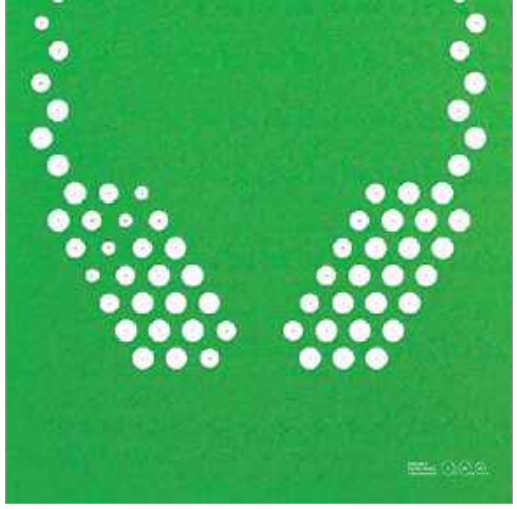
IMAGE BASED POSTERS

As we began exploring different ways to create a poster for our poster show to raise money for our exhibits, I started to look gain inspiration, and learn about the different kinds of posters.





PIRATION

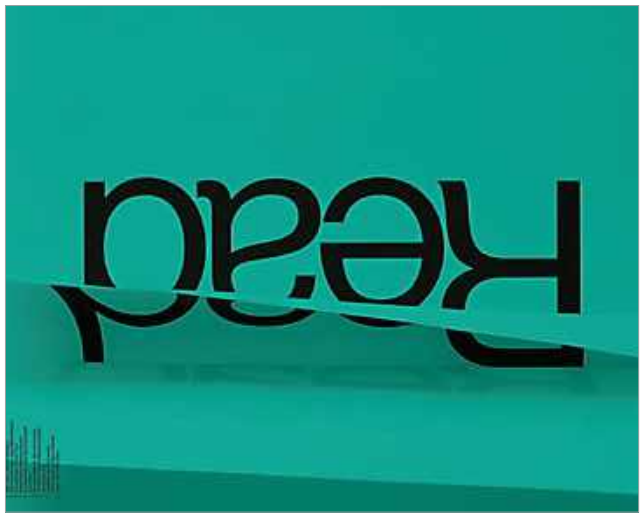




INSP






Read


TECHNICAL
TERMS
WE GET
OUT OF
WHACK
CLARIS

TION




ARCHI-
NEERING
EXHI-
BITION
WORK-
SHOP
FORUM

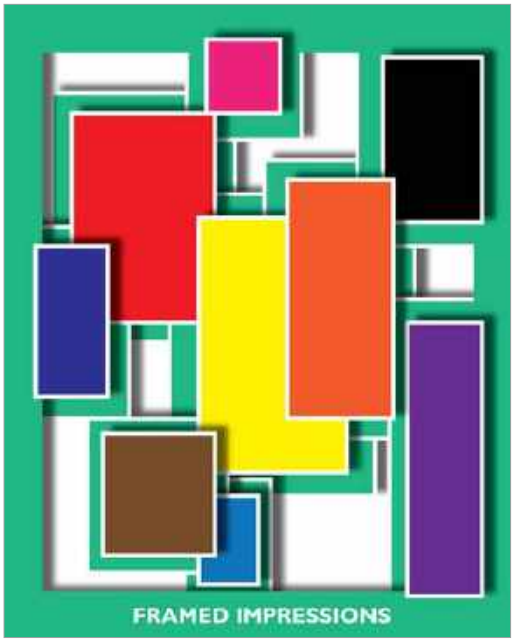
INSPIRAT





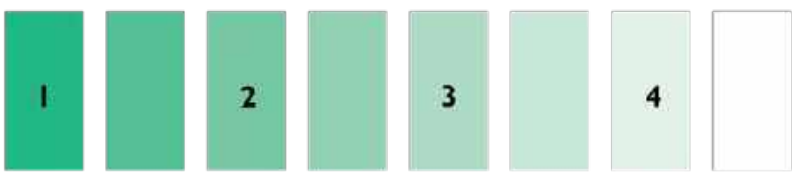
TYPOGRAPHY BASED POSTERS

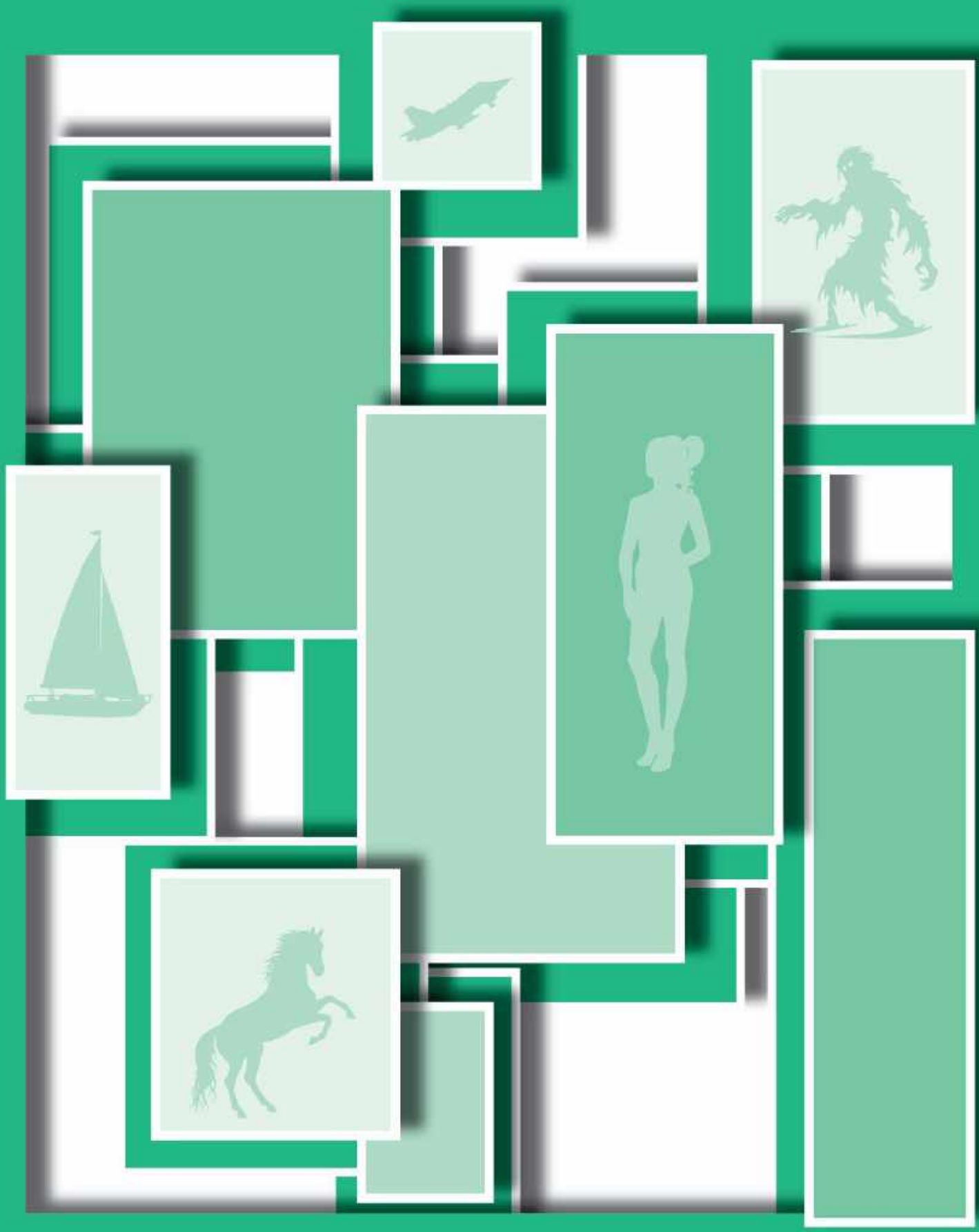
I also explored posters that were type based to compare the difference between the two. To tell the difference its all about the focal point of the poster is the centralized image. Type or a image.



POSTER SKETCHES

As I began experimenting with ideas for a image based poster I came up with the idea of frames and how the posters in them leave impressions on peoples lives. This started my first concept





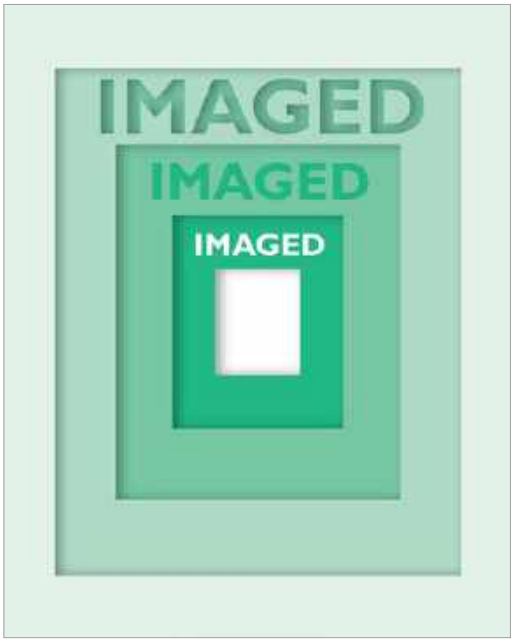
FRAMED IMPRESSIONS


IMPRESSIONS
FRAMED
IMPRESSIONS
FRAMED
IMPRESSIONS
FRAMED
IMPRESSIONS
FRAMED
IMPRESSIONS
FRAMED
IMPRESSIONS

DEPTH EXPLORATION

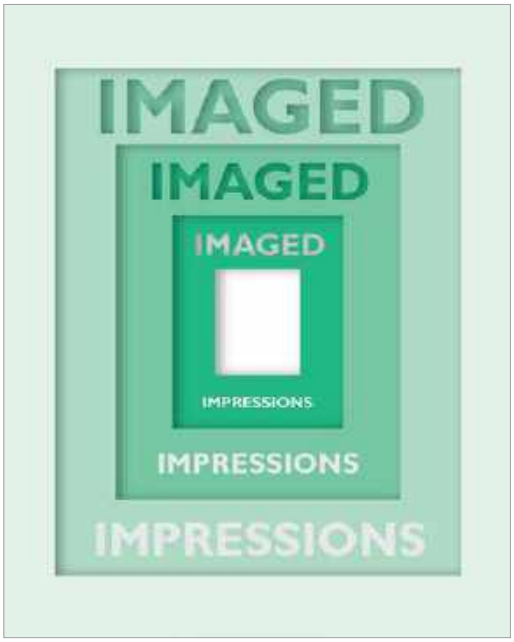
When I chose my colors for the poster I started exploring with depth perception and how I could manipulate a design to show more dimension.





LAYERS OF FRAMES

After deciding my concept I began to make different iterations of layering frames and placing type to create depth in a interesting way.


IMAGED
IMAGED
IMAGED
IMPRESSIONS
IMPRESSIONS
IMPRESSIONS

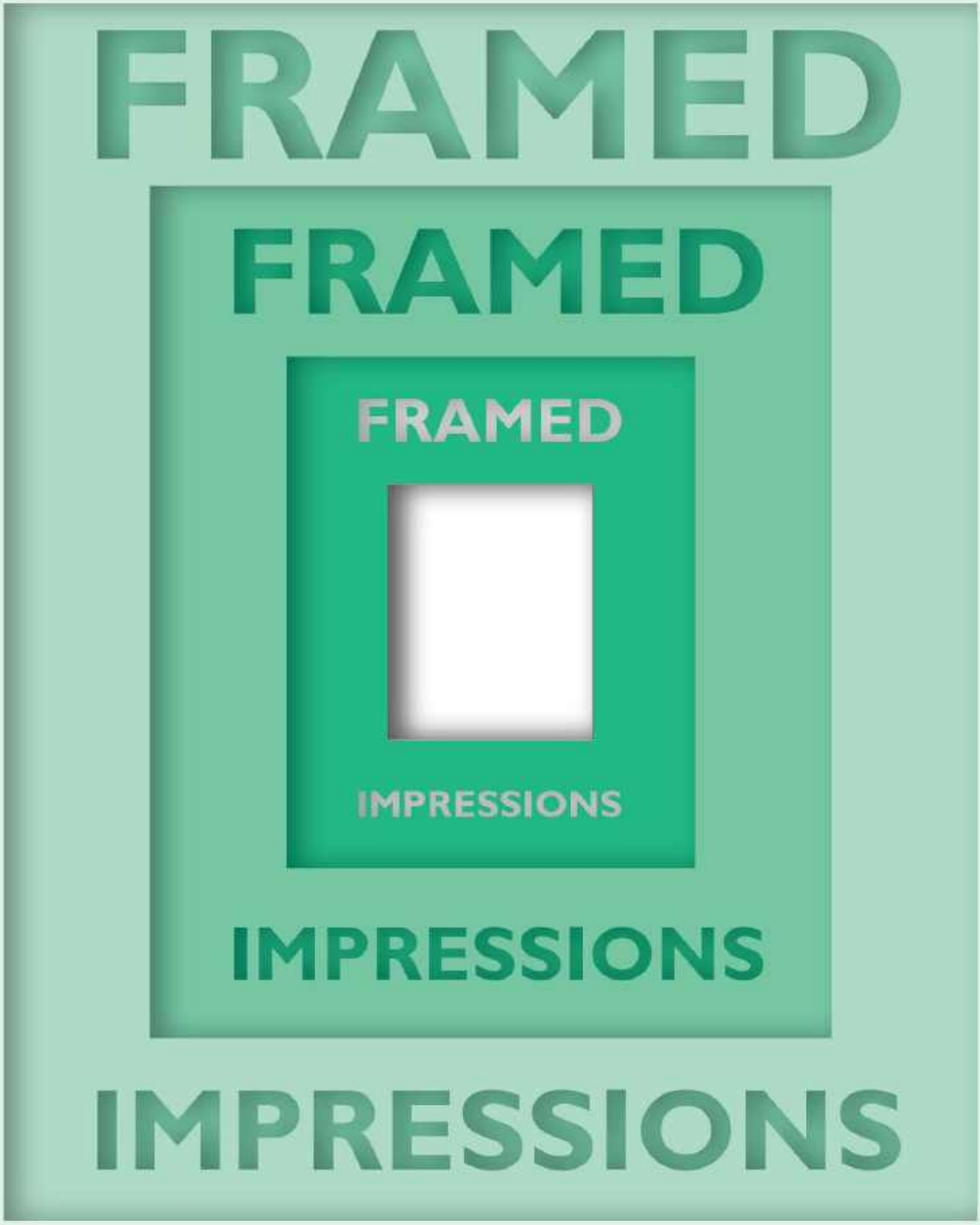

IMAGED
IMAGED
IMAGED
IMPRESSIONS
IMPRESSIONS
IMPRESSIONS

IDORAT

TITLE CHANGE

I was originally working with the tittle Imaged Impressions but decided to go with the frame route, changing the name to Framed Impressions.

Frame your favorite impressions at Arizona State University's 17th Annual Poster Show.



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Unit 230

November 14
6-9pm

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ASU Design and the Arts


FRA
IMPRE


MED
SSIONS



REFINING THE POSTER

After deciding what poster was working more I manipulated the text to fit the poster better, and have the image speak more than the type, in this image based poster.

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November 14
6-9pm

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ASU The Design School

IMPRESSIONS

IMPRESSIONS

FR

777 S Novus Pl
Unit 230

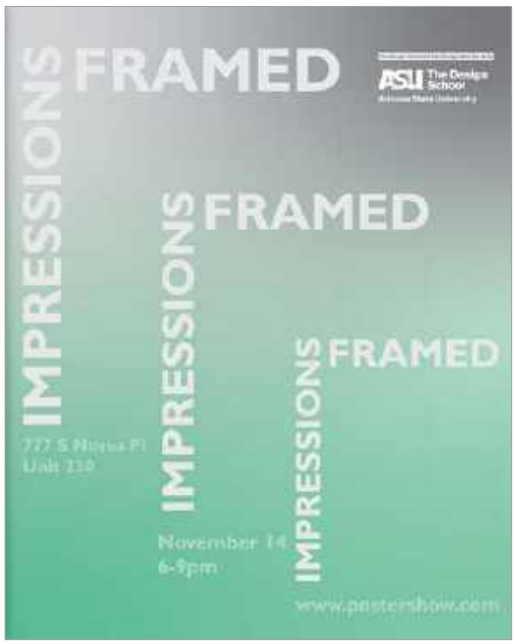
RAMED

FRAMED

RESSIONS

TYPOGRAPHICAL POSTER

After finishing the image based poster, I started working on idorations of a typographical poster, using the same theme, and title.



FRAMED IMPRESSIONS

Frame your impression at the 17th annual Arizona State University Poster Show.

FRAMED IMPRESSIONS

FRAMED IMPRESSIONS

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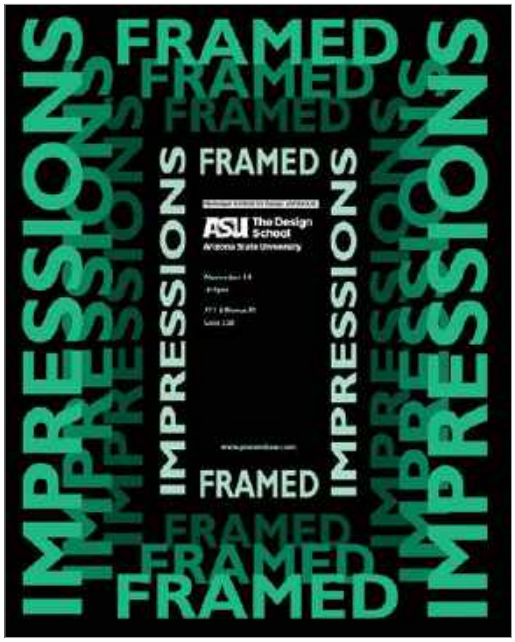

PRESSIO
IMPRESSIONS
FRA
FRA

MED IMPRESSIONS

IMPRESSION

IMPRESSION

MED



SECOND VERSION

After exploring two different typographical poster ideas I couldn't decide on one so I made two of them.

Frame your impression
at the 17th annual
Arizona State University
Poster Show.

FRAMED IMPRESSIONS

November 14
6-9pm

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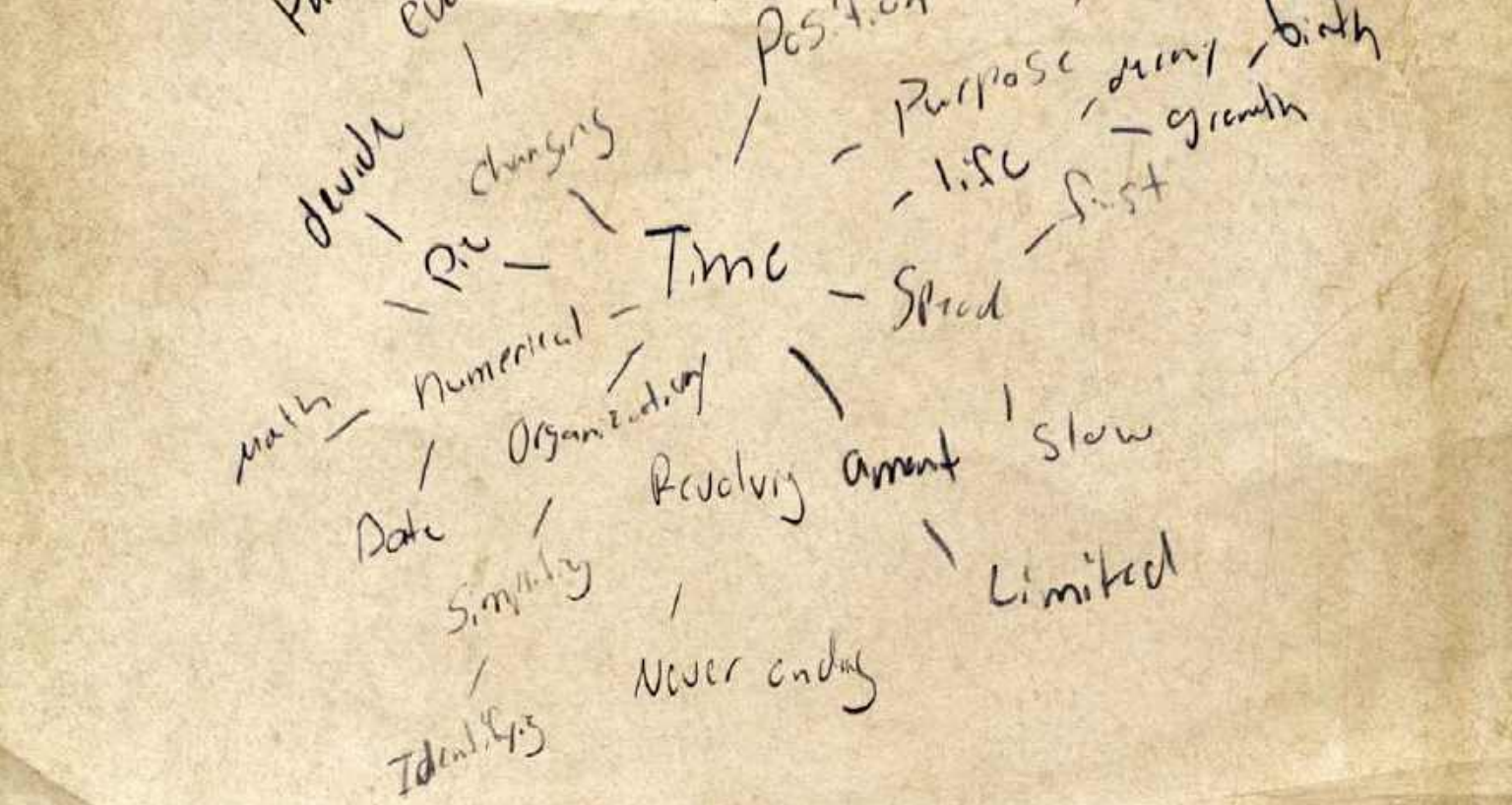
The Design School
Arizona State University

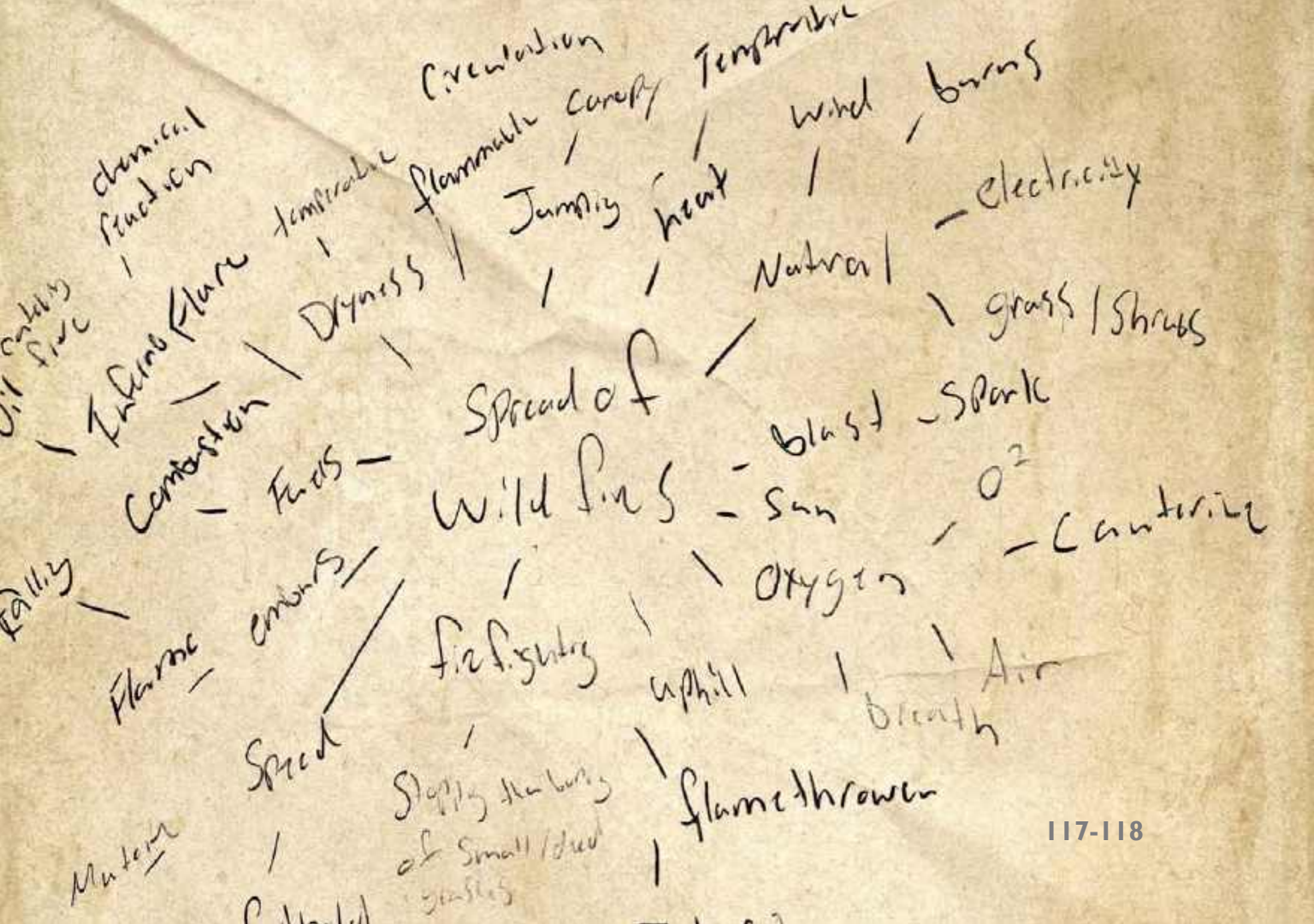


BURNING THROUGH TIME

7




Time
Past
Present
Future
Purpose
drive
birth
life
growth
changes
first
Spread
Numerical
Organized
math
Date
Simplify
Identify
Revolving
Never ending
slow
Limited


Wild fires
Spread of
Causes
Combustion
Flares
Embers
Spread
Materials
Falling
Fire fighting
Stopping the burning of small dried grasses
Flamethrower
uphill
Air
breath
Oxygen
O^2
Sun
blast
Spark
electricity
Natural
grass/shrubs
Wind
burns
Jumping
heat
flammable canopy
Temperature
Evaporation
chemical reactions
temperature
Dryness

117-118

Spread of fire — Current and time — Smoke

death — aging — destruction

Moves — Travels

Consuming

fuel / objects

O_2 + fuel → CO_2 + H_2O

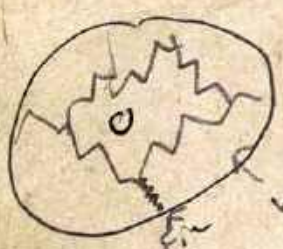














Fire moves smaller to bigger



Melting cloth

Melting

Fuels

Map









NO







EXPLORAT











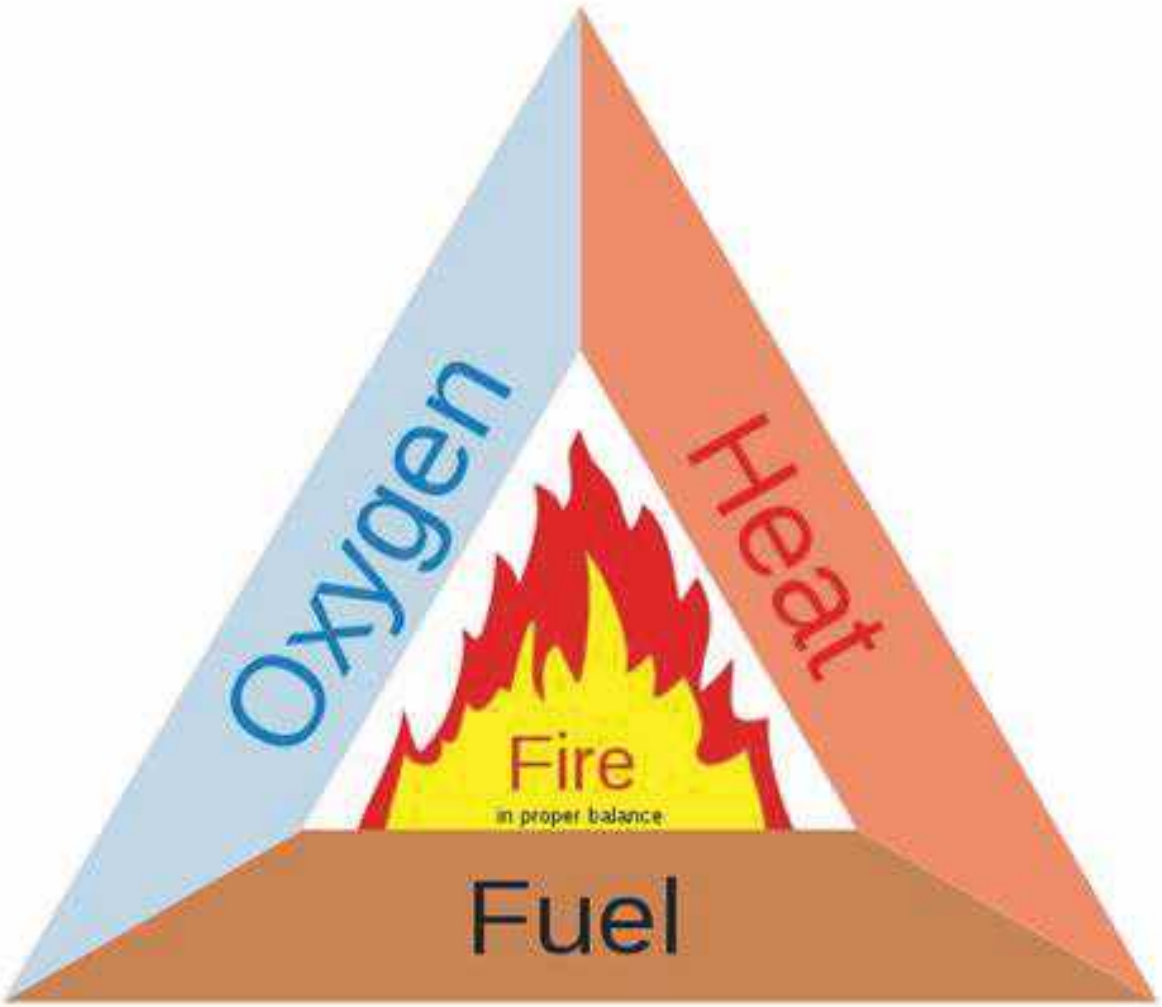


CLOCK INSPIRATION

Wildfires have a profound impact on forests, often causing significant damage to ecosystems. When a fire sweeps through a forest, it destroys trees, plants, and wildlife habitats, disrupting the delicate balance






Oxygen
Heat
Fire
in proper balance
Fuel

THE FIRE CYCLE

One idea that really stuck out to me was how fire is created, by combining fuel, heat, and oxygen. This idea of a cycle was very interesting to be and how it relates to life in general.

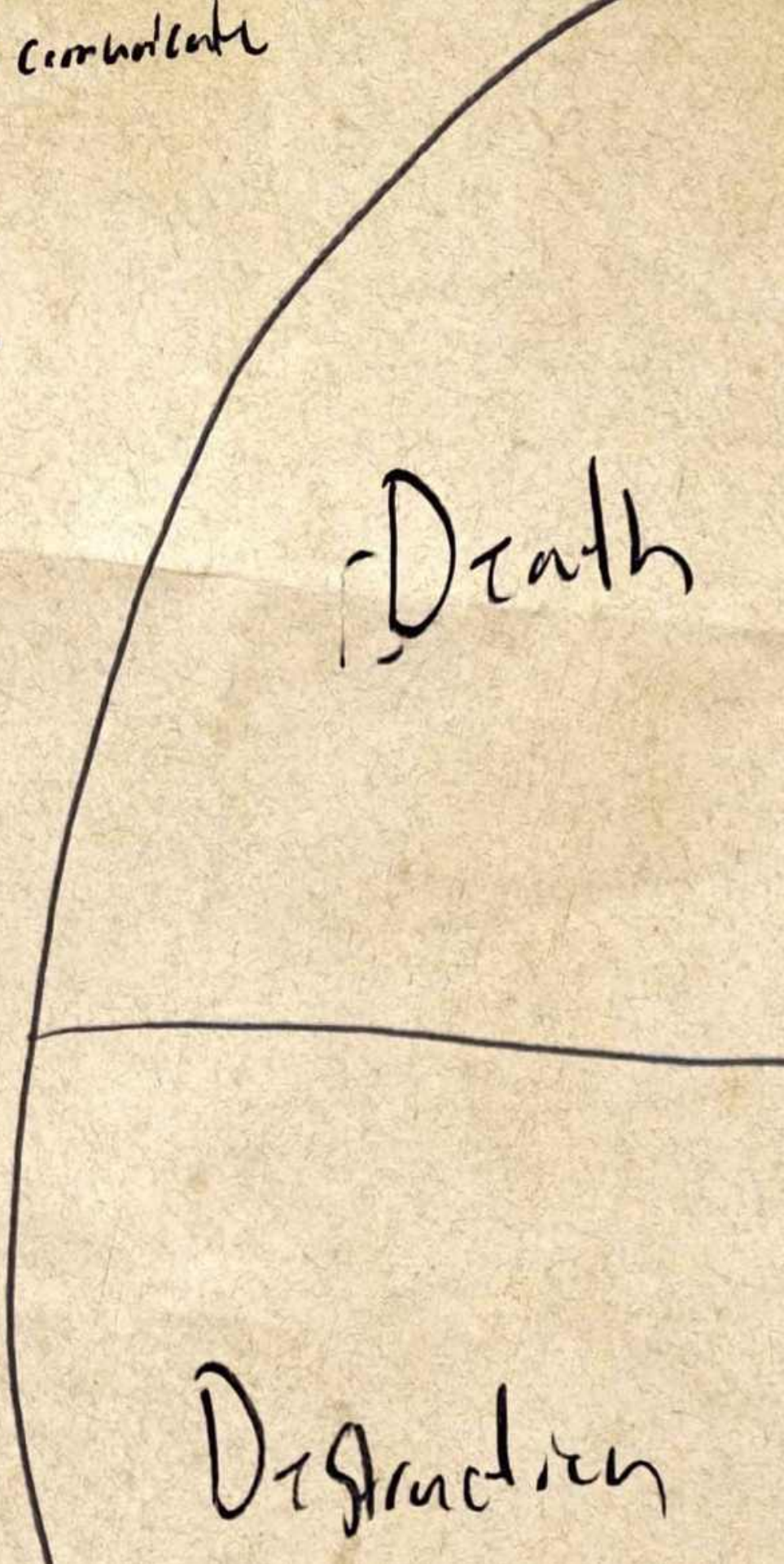
Issue would be communicate

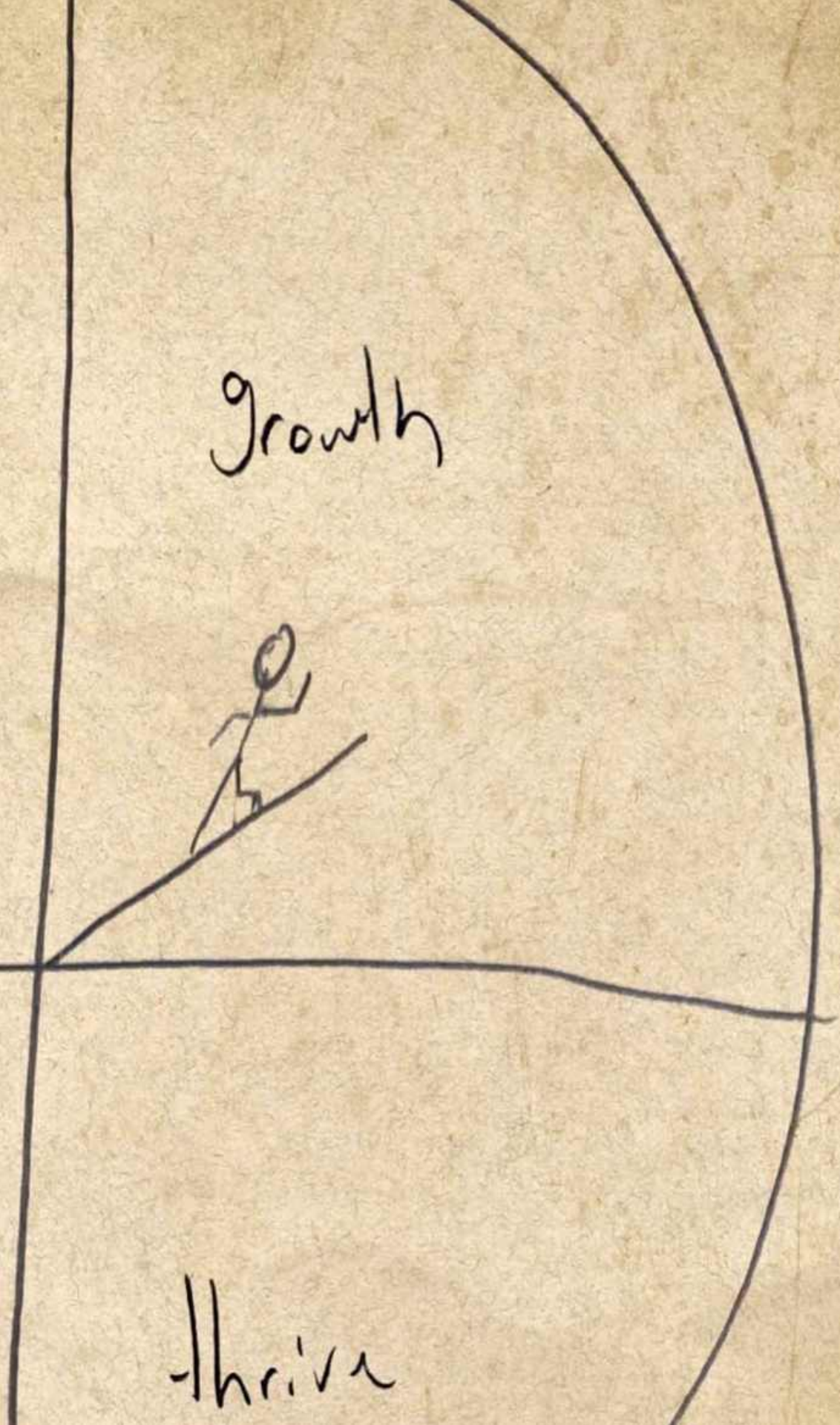
Statistic

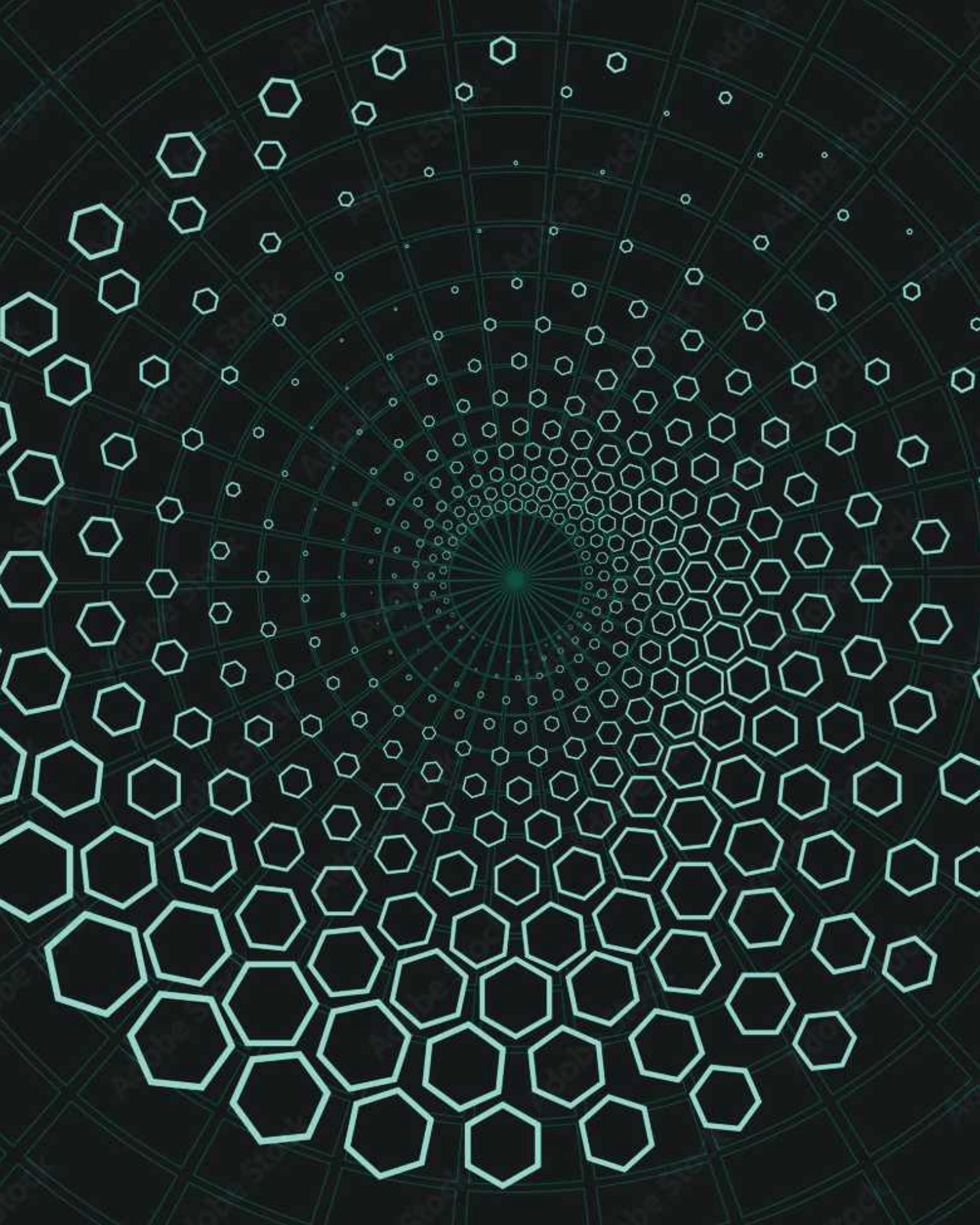
Change question

Topic

Story




growth
thrive





VISUALIZING A CYCLE

I then began to explore different ways to show a cycle and relating it to wildfires in an interesting way.

INITIAL SKETCHES

I then started sketching ideas of fire cycles in a clock format, showing the destruction and intensity of fires.













ADDING TREE ELEMENTS

Since wildfires primarily happen in forest, and the typical wildfire imagery is in a forest I decided to focus on tree elements and fire.





ORGANIC LAYERING

I wanted the clock to be very organic, but also have layers, adding to the complexity of nature, and of wildfires.





TREE BRANCHES

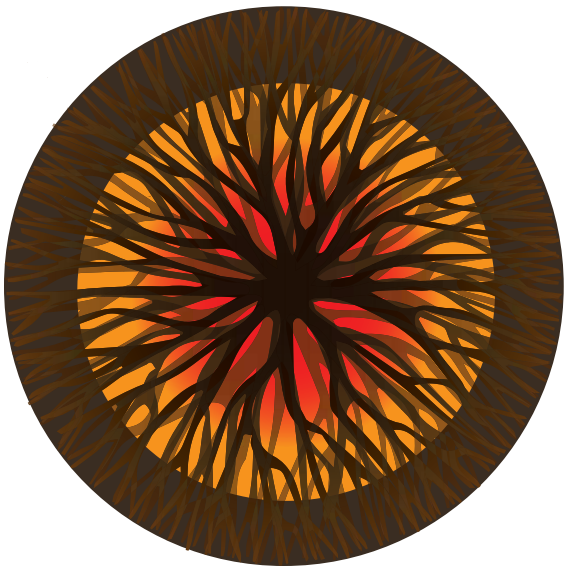
As I was thinking about layers, tree branches came to mind and how they are layered and connected to the trees and the forest, and how branches are the roots of the cycle of life for forests.

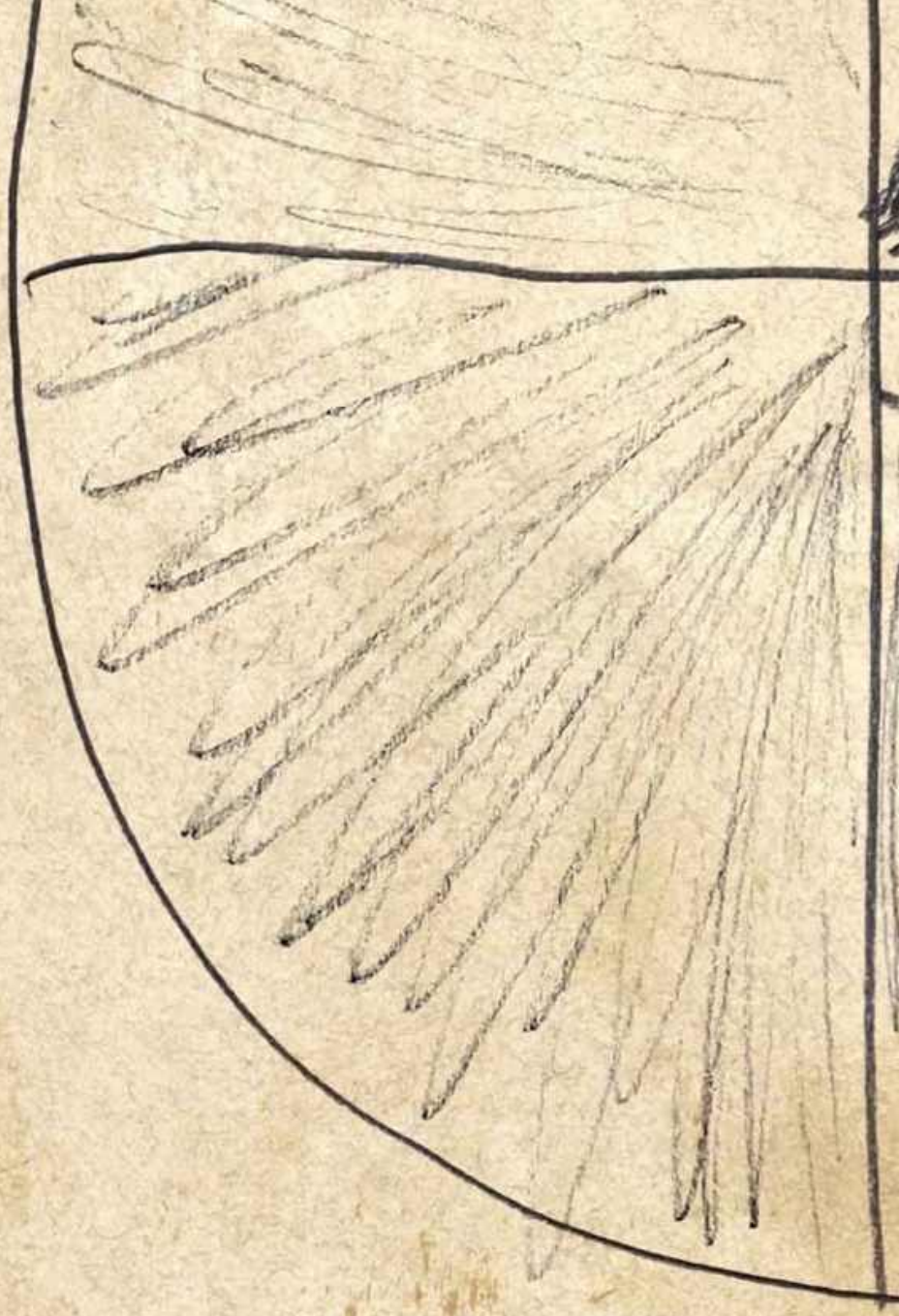




LAYERING BRANCHES

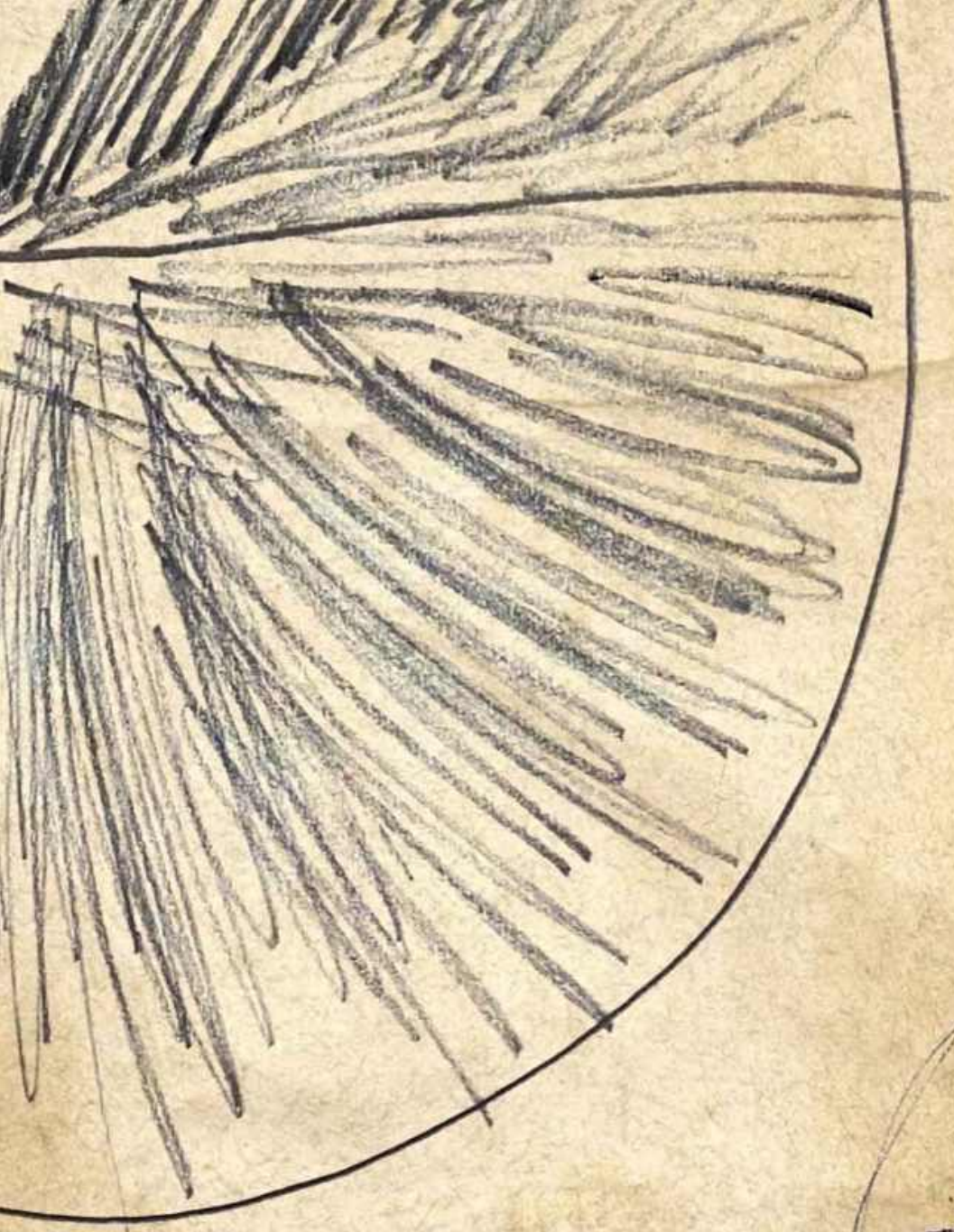
I then started layering branches in a circular way creating this very cool design, I then added the fire within the branches, creating the base for my final design.



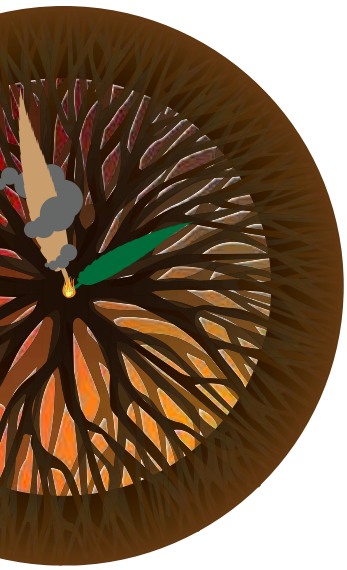


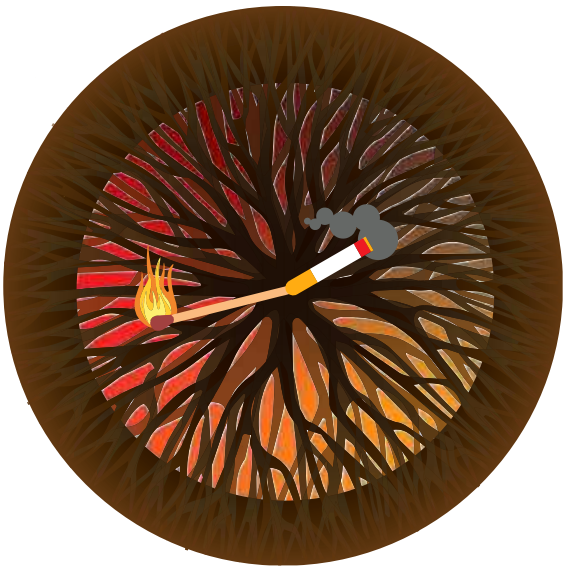
84,010 Human

16.1" natural



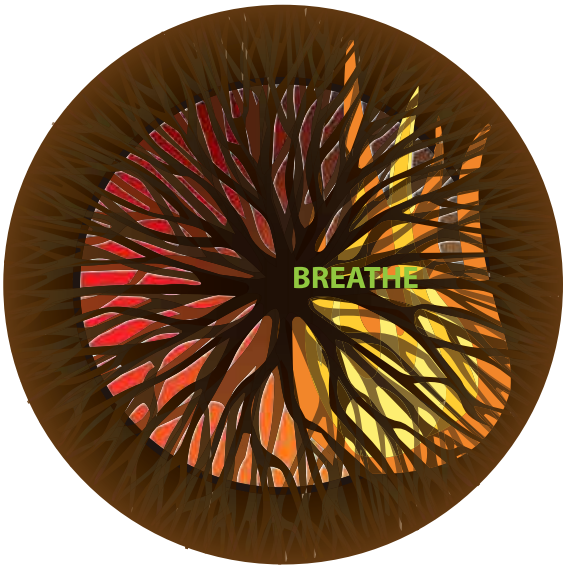




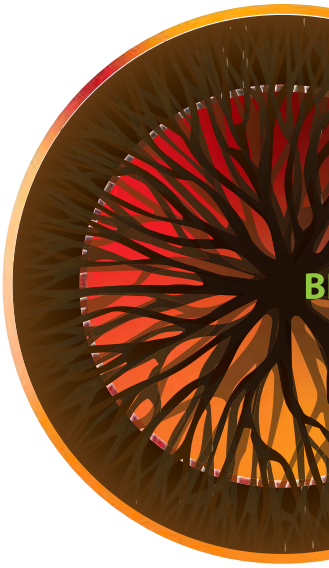


ORATION EXPL









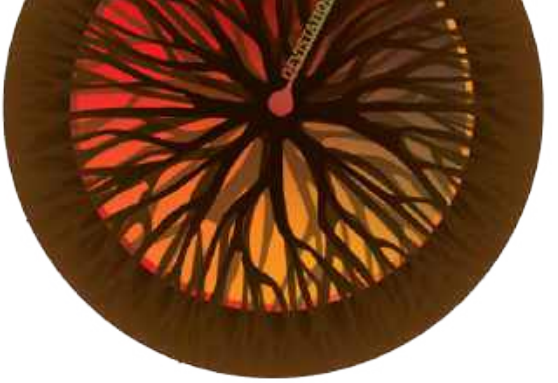
CLOCK HANDS

I then started working on how I would do the hands for the clock, and we had to have one word on the clock and I wanted it to be on the hands, connecting it to the cause of the fire.





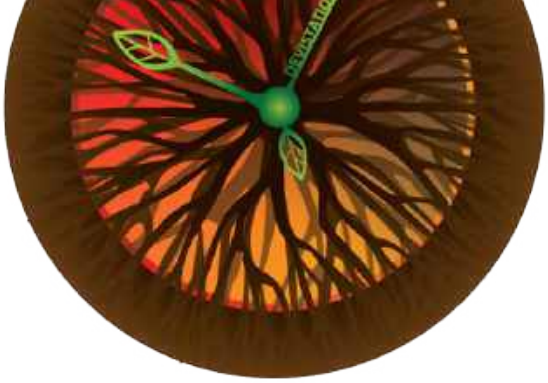








PLORATION



EXP







MORE VARIATIONS

I couldn't find an idea or word I really liked so I did a lot of exploration to find the right ones that fit the clock, while also giving it a deeper meaning.

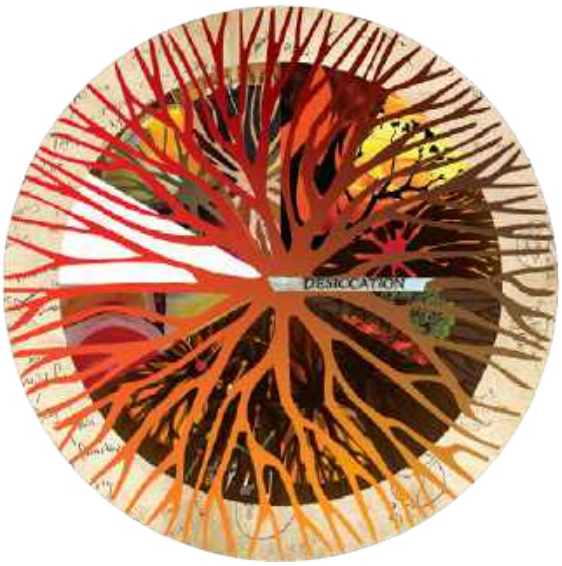
FINAL 2D CLOCK

For my final variation of the 2D clock I combined elements of fire, layers, branches, and leaves, to create a very interesting beautiful design, that shows a cycle of burning over time and intensity.


BURNING

LORATION









PROCESS CLOCK

I then created another clock with the same design style, but using the process I used to get to the final variation of the clock.





EXPL





FINAL PROCESS CLOCK

For the final design of the process clock I used the branches to shape the bottom layer of the fire using my design variations, to makeup the fire beneath the branches, and my sketches as the base, or foundation.




DESICCATION





CREATING THE 3D CLOCK

To create the 3D clock I decided to use resin to create the layer of fire, and veneer for the branches, and a wood base for the structure of the clock.

FINAL 3D CLOCK

For the final clock I changed my word to Dessication, as it more indexically related to the clock, and a more of a interesting intense feel to it. The final clock I was so proud of, as it also had the layer of fire connected to a motor to spin it, creating that fire cycle over time.


DESICCATION


DESTOCATION



CLOCK PHOTOGRAPHY

For the final clock I took some really cool photography to capture the burning flames within the clock, and the impact wildfires have on ecosystem.

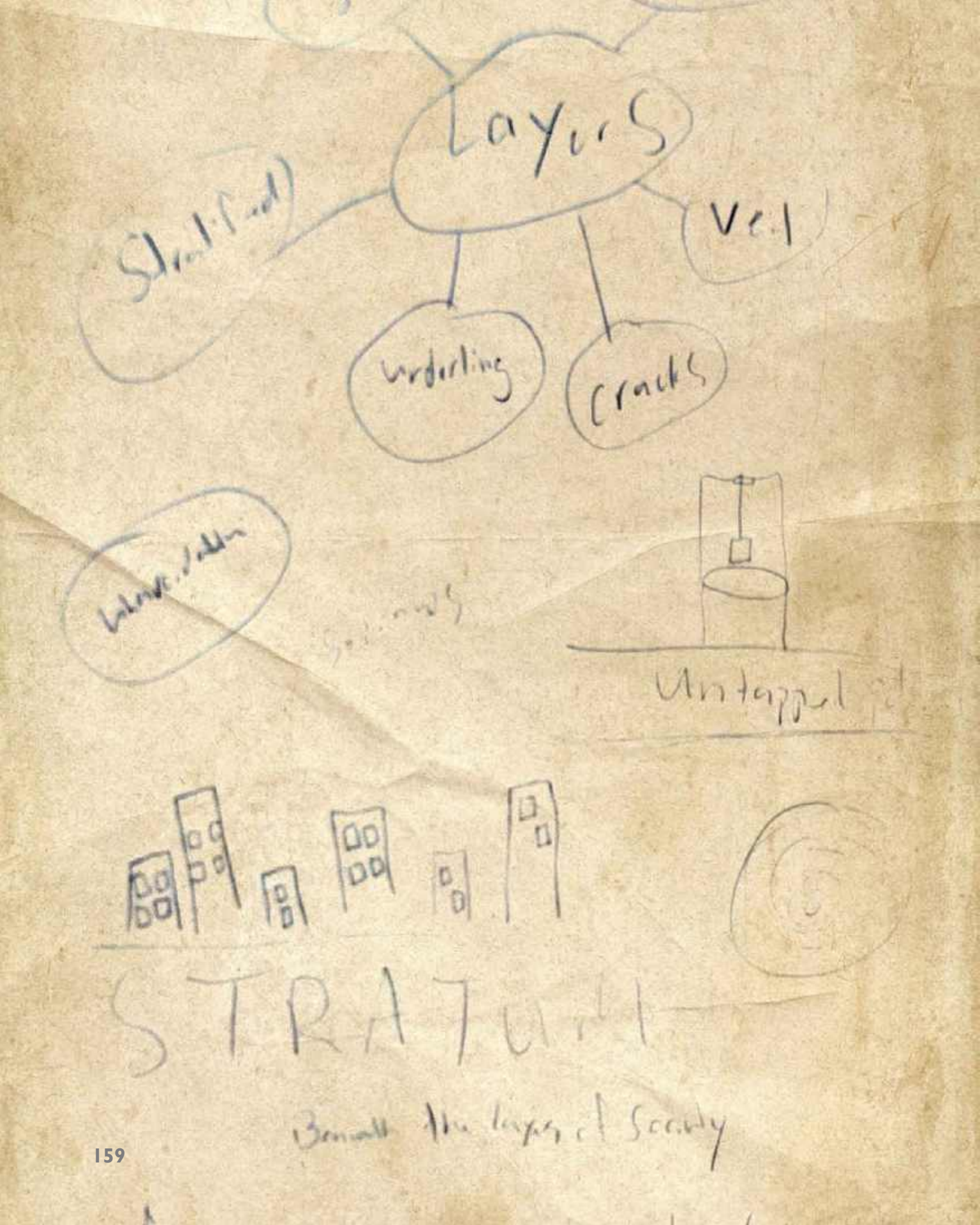




ISSUES HAVE LAYERS

8




Layers
Underling
Cracks
Untapped
STRATUM
Beneath the layers of society

The layers

ignored

The stratified world

Untapped potential

Through the cracks

Every layer tells a

story

The Layers that define us

Under Study the Structures beneath

The layers that bind us

Seeds of discomfort

The Erosion of Silence

Complex

Social issues are made up of complex layers.

These layers are made up of choices

were made in the past

Every choice we make now adds to the

layers for the future generation

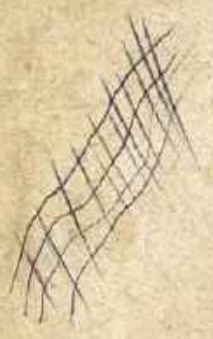
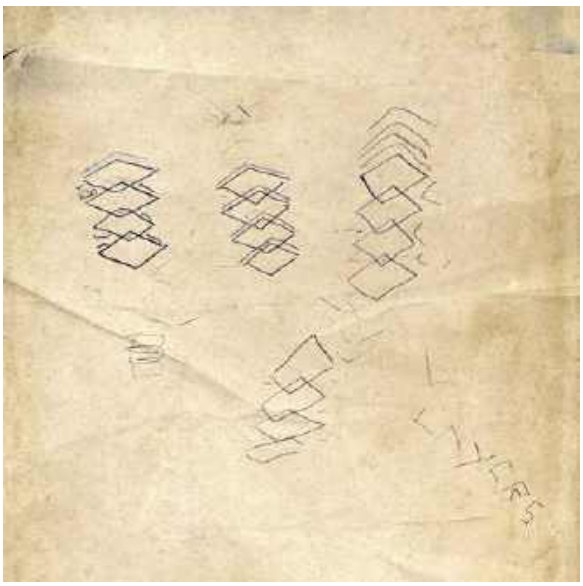
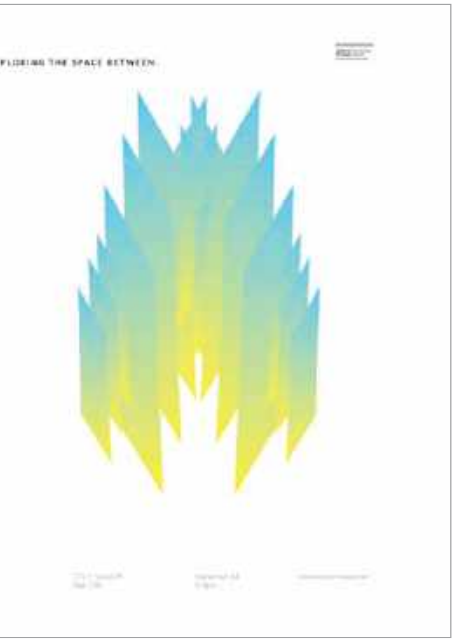


IMAGE BASED POSTER

As we began preparing for our exhibit we decided to come up with posters for the overall theme of the exhibit, and my idea was how all issues have layers, so I started sketching ideas for a geometrical Layering system.









LORATION

EXPL





DIGITAL SKETCHES

I started layering these shapes to make a interesting compelling design to express the layers of issues in our society.

CITY OF LAYERS

I began to explore colors, and the arrangement of skyscraper looking towers to resemble the layers of society and how complicated they are and deep they run.

Built on



Laying the groundwork for the next generation

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Unit 230

November 14
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Arizona State University


LAY


Lorem ipsum dolor sit amet, consec
Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod
nonummy nibh euismod tincidunt ut
YERS

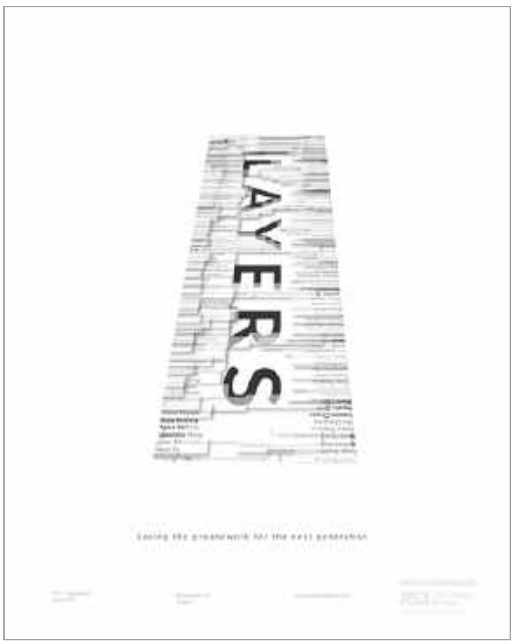
ERCEPTION



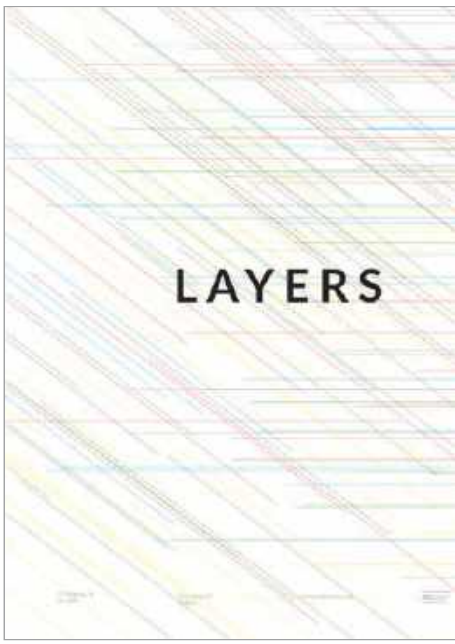


EXPLORING MORE IDEAS

I Wanted to explore more ways to show layers, so I decided to play with depth, and layering together in interesting ways.



DEPTH PE



LAYERS OF ROCK ON A CLIFF

These ideas got me thinking of stratum layers of rock on the side of cliff, so I started to explore with how that might look as a design, and concept.



Laying the groundwork for the next generation

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Unit 220

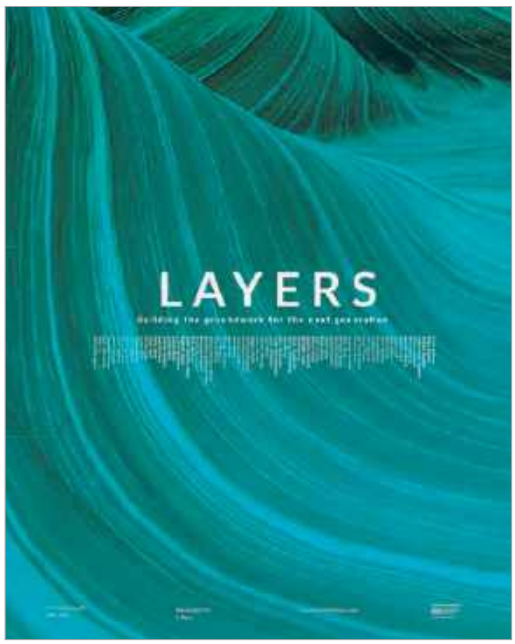
November 14
6-9pm

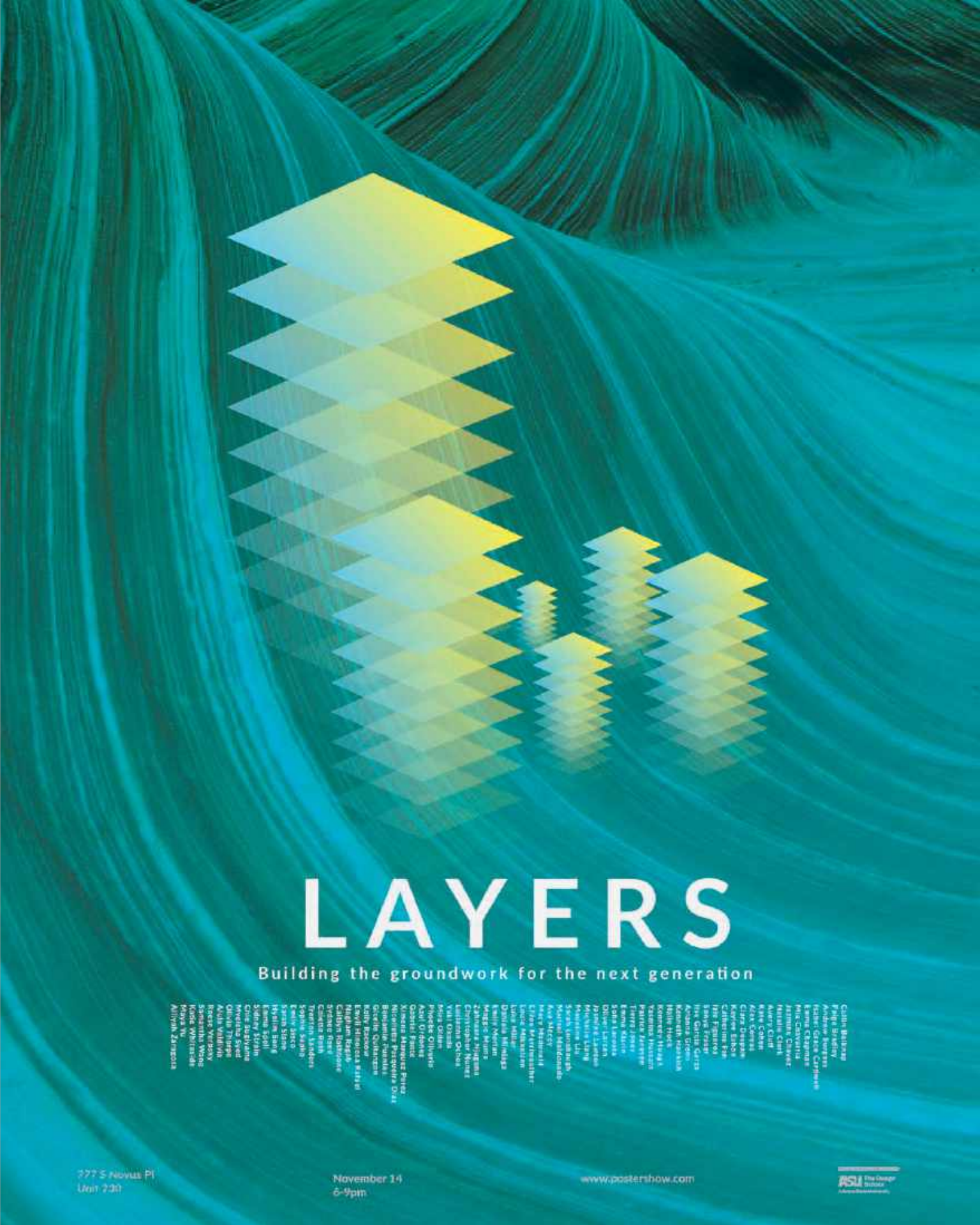
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FLOWING LAYERS OF GROUND

I began to think of these layers as the groundwork or foundation to our civilization, and how the social issues are build out of layers, in our cities.



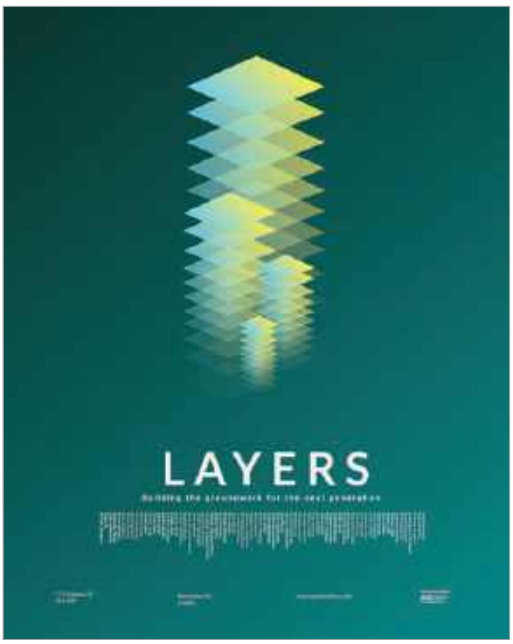

LAYERS
Building the groundwork for the next generation
Allyah Zaragoza
Maya Yu
Kaide Whiteside
Stephanie Weiss
Reese Verbsky
Olivia Thorpe
Ayala Valdivia
Mykenna Syed
Cole Sudyama
Sidney Stolin
Emma Stoll
Hyelim Sohn
Sarah Stone
Emily Soto
Sophie Sophio
Trenton Sanders
Cristina Rios
Evelyn Rodriguez
Kathy Rodriguez
Graham Riggle
Emyli Hinojosa Rafael
Antonella Quezada Diaz
Nicolette Quezada Perez
Ximena Mendoza Perez
Benjamin Pumarada
Gabriella Quintanilla
Gabriel Pinto
Azul Orihuela
Phoebe Olivares
Mira Olden
Yuki Okada
Christopher Nunez
Leticia Ochoa
Emily Norman
Angelo Nigro
Daniela Nicolas
Lucy Nguyen
Effie Mentzelopoulos
Mary Mcdonald
Ava Mccoy
Murrell Maldonado
Sean Lundquist
Francine Lo
Michelle Liang
Jasmine Lawson
Dilan Lalani
Sofia Lacosta
Emma Klarin
Tierra Jones
Patrick Jameson
Yasmin Hussain
Jennifer Hong
Molly Hock
Kenneth Hankins
Alan Garcia Garza
Ivan Gallegos
Sean Fraser
Ian Figueroa
Catherine Fan
Karyne Eshoo
Clara Deppen
Alex Cortez
Avery Cluff
Natalie Chen
Jasmine Chavez
Esme Chapman
Mia Camarena
Hailey Grace Cardwell
Andrew Burgess
Paige Bradley
Collin Belknap
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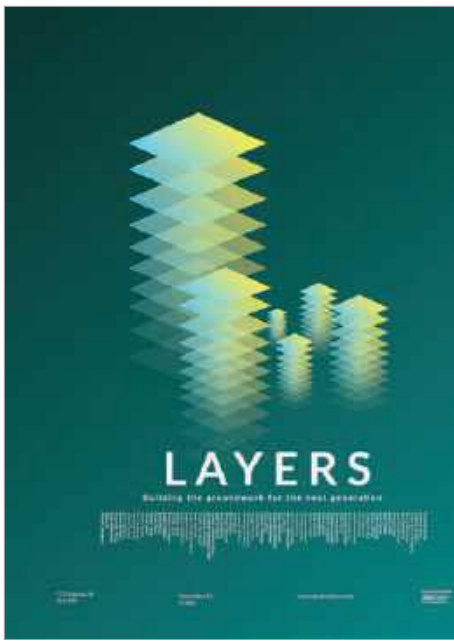
ORGA

ANIZATION

TOWER LAYOUT

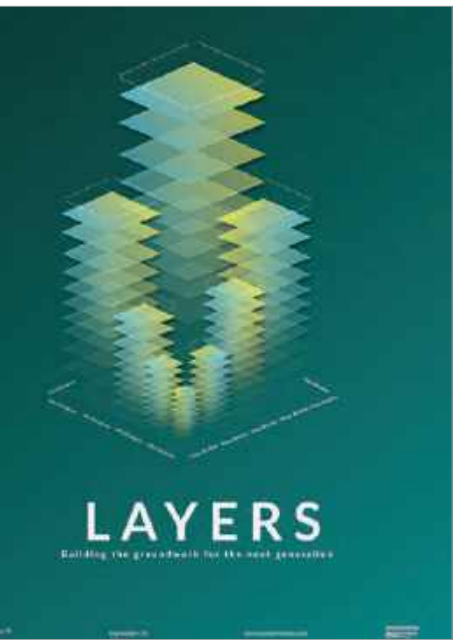
In these designs I wanted to play with how the towers might be organized to make them collectively look like a city.





THE NEXT LAYERS ARE US

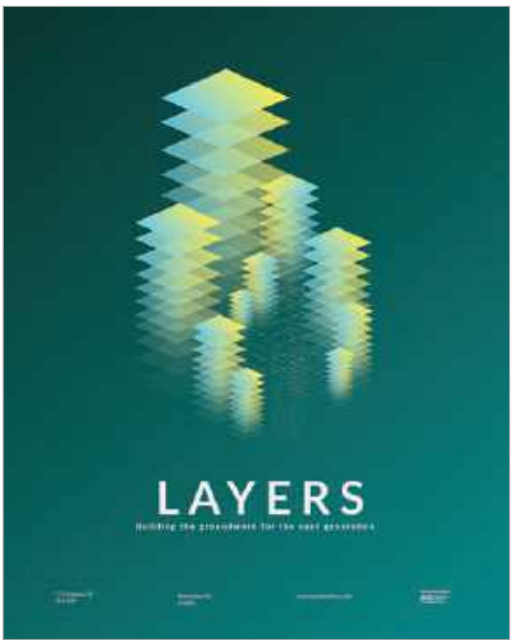
As I was figuring out how to place the names of everyone participating in the show, I found that making the names as the next implied layers, makes us the focal point of new change through the exhibits.

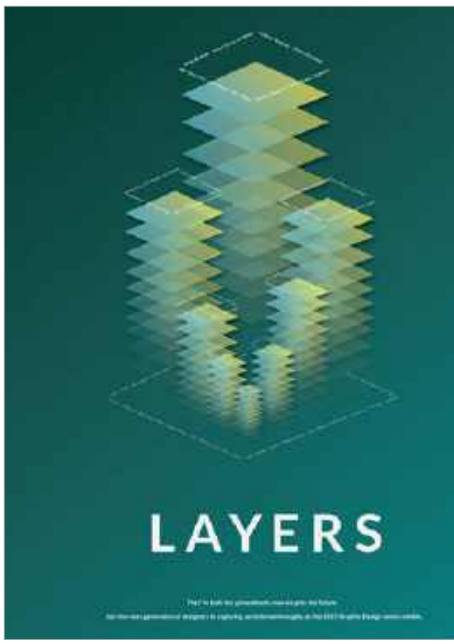


TION



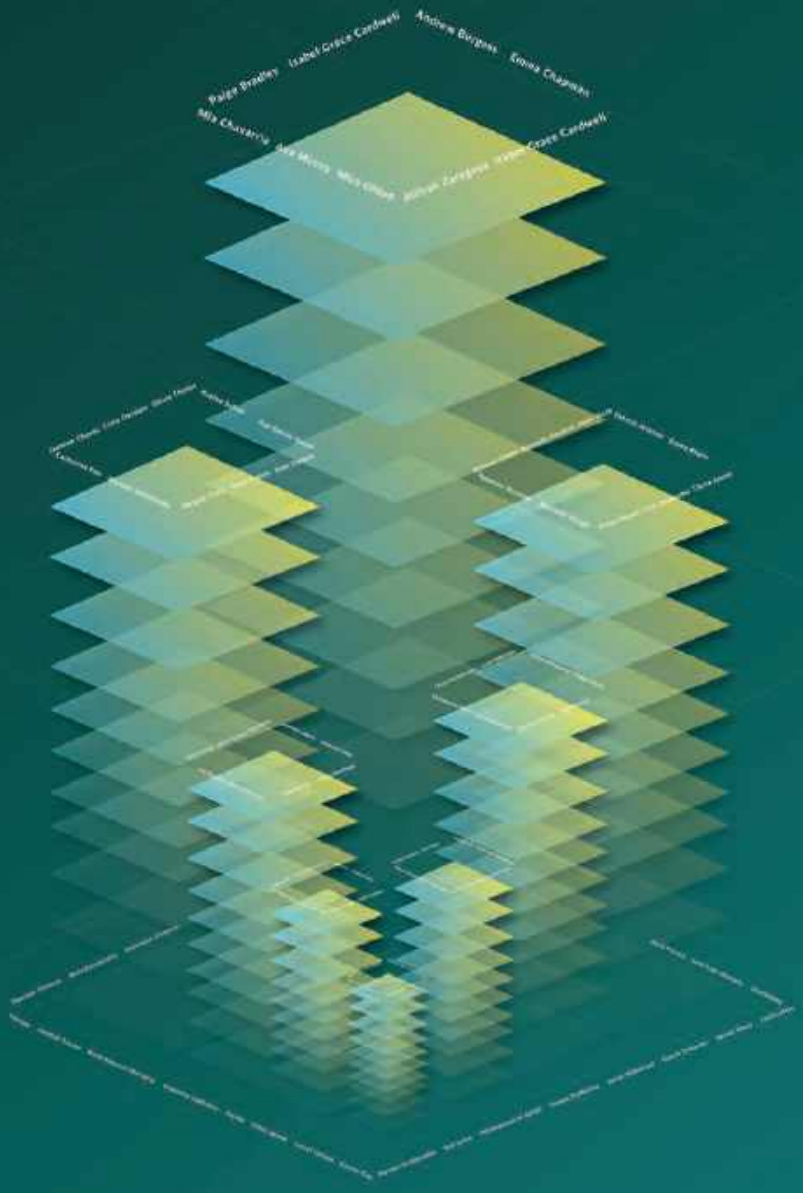
EXPLORATIO





FINAL POSTER

For the final poster I explored with making creative sentences and layout of type to connect the ideas, and visuals of the poster.



LAYERS

They've built the groundwork, now we plot the future.

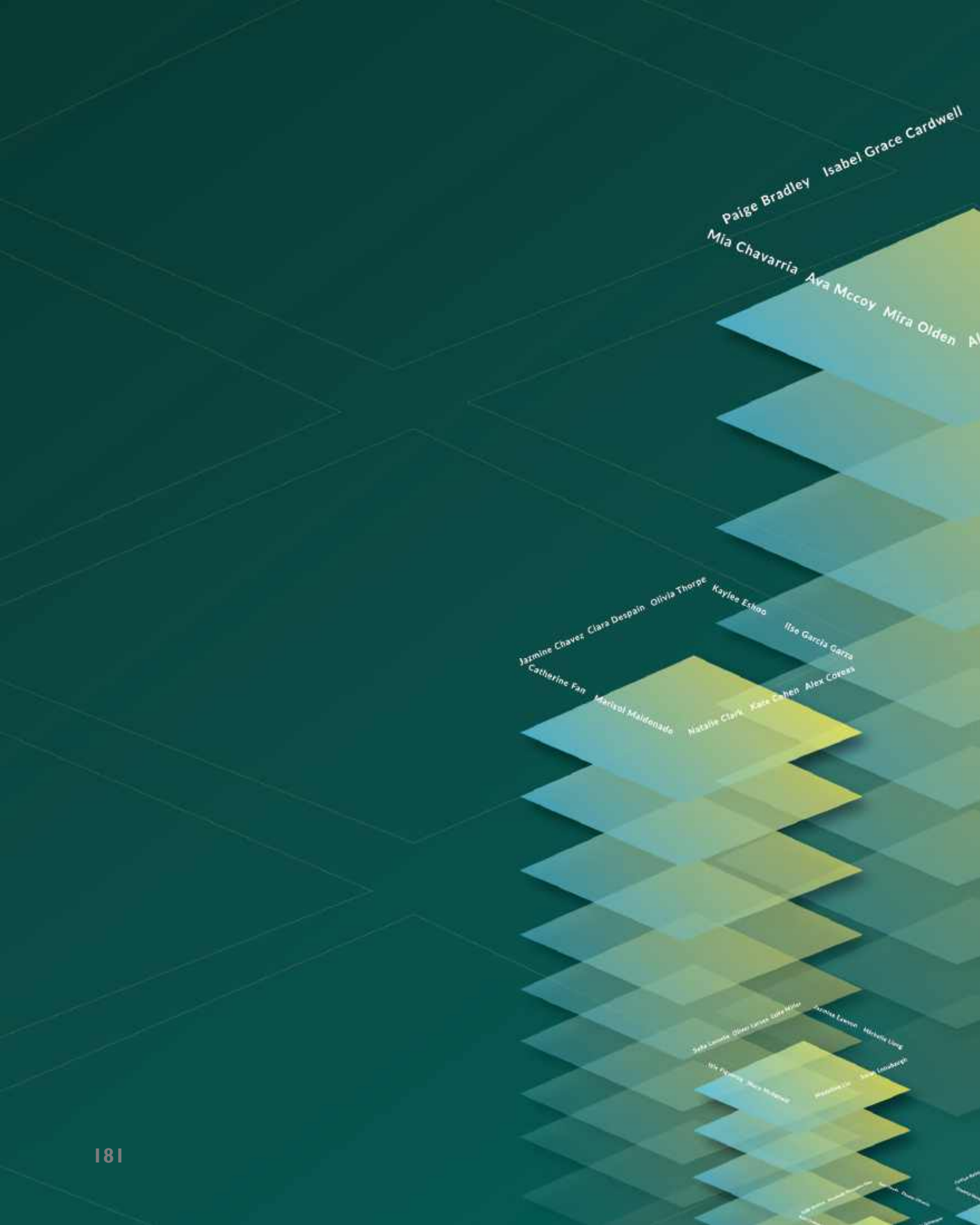
Join the next generation of designers in building the new layers of social change, at the 2025 Graphic Design senior exhibit.

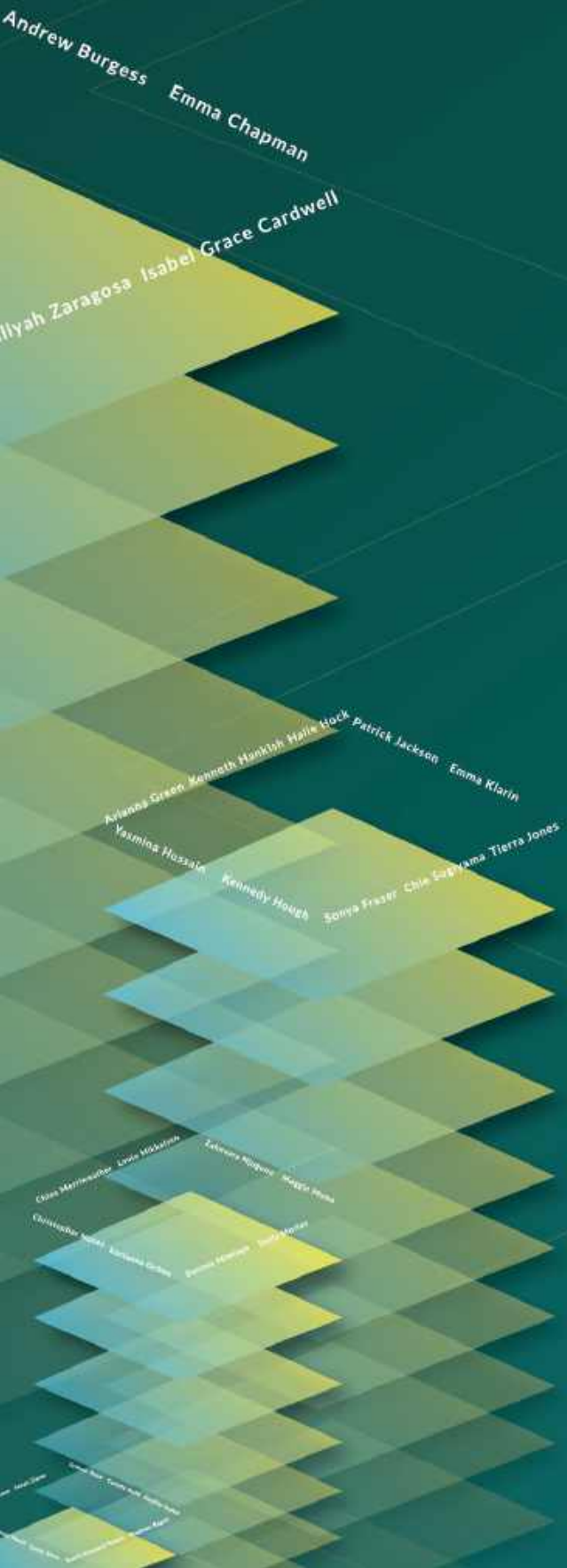
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Paige Bradley
Isabel Grace Cardwell
Mia Chavarria
Ava Mccoy
Mira Olden
Jazmine Chavez
Clara Despain
Olivia Thorpe
Kaylee Eshoo
Ilse Garcia Garza
Catherine Fan
Marisol Maldonado
Natalie Clark
Alex Coreas


Andrew Burgess
Emma Chapman
Isabel Grace Cardwell
Arianna Green
Kenneth Hanklish
Halle Hock
Patrick Jackson
Emma Klarin
Yasmina Hussain
Kennedy Hough
Sonya Fraser
Tierra Jones

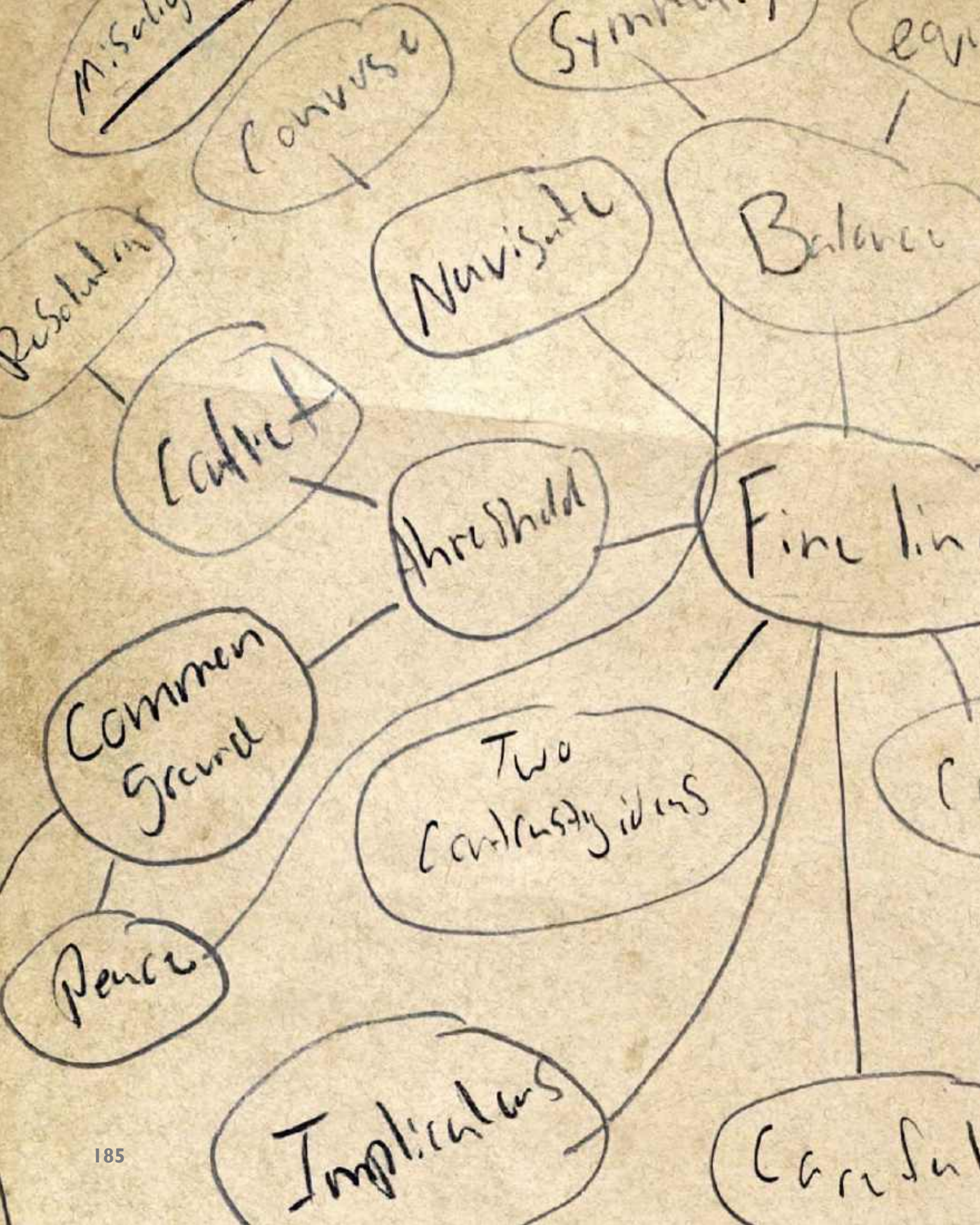


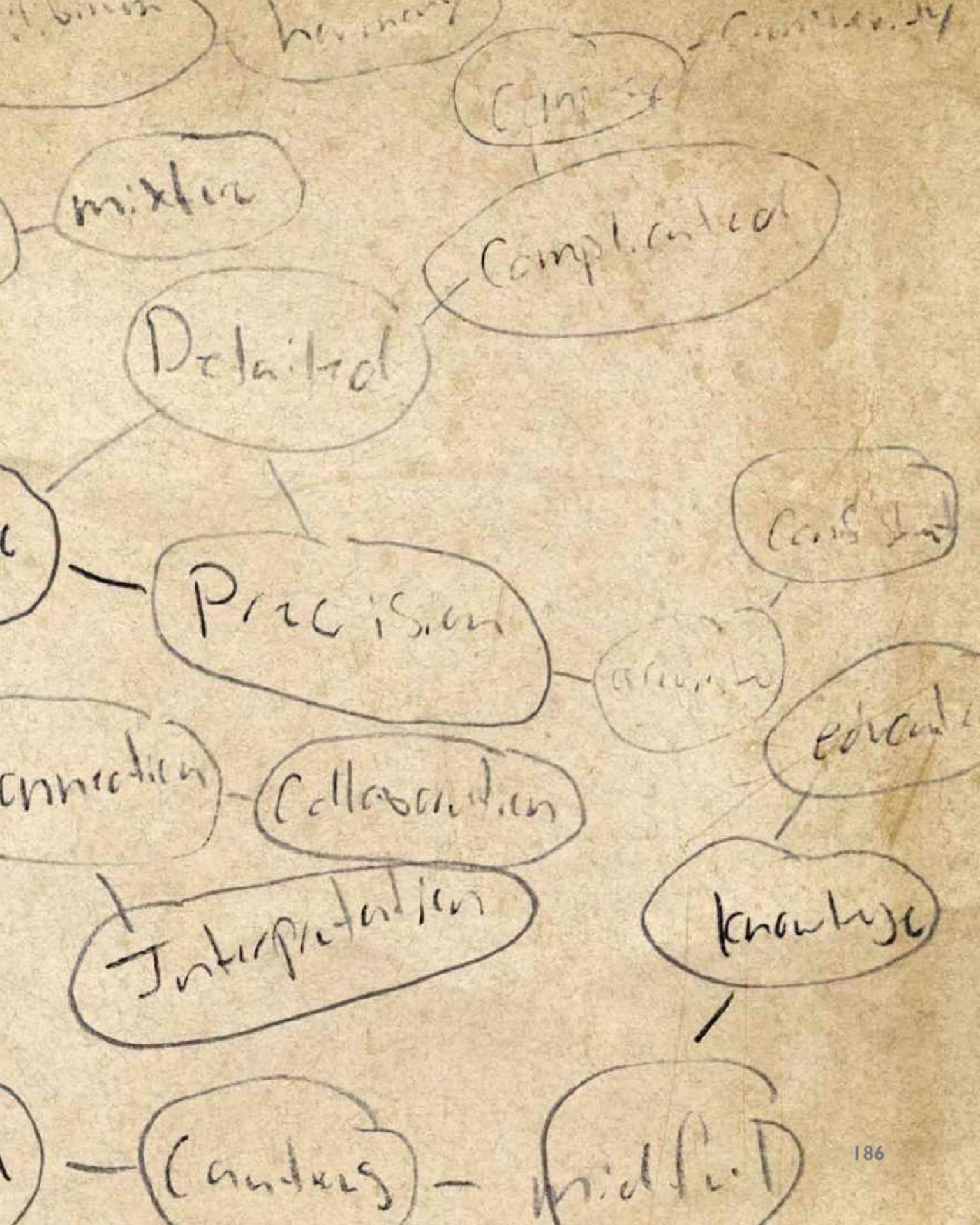
WE ARE WALKING

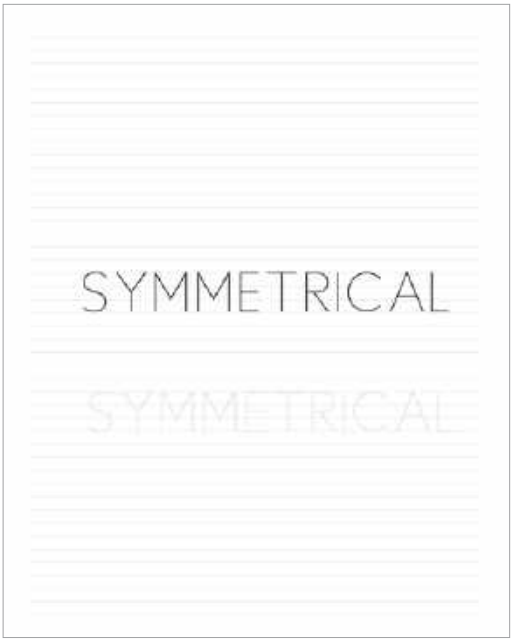
A FINE LINE

9




Converse
Navigate
Balance
Resolution
Conflict
Threshold
Fine lin
Common Ground
Two Contradictions
Peace
Implications


mixtur
Complicated
Precision
Collaboration
Interpretation
knowledge

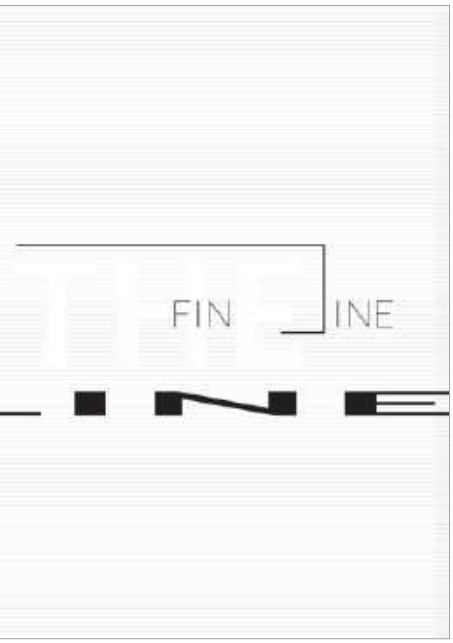


TYPOGRAPHICAL POSTER

For my typographical version a poster for the show I explored the idea of walking a fine line between these social issues, and that they aren't just black and white. So I decided to play with lines

SYMMETRICAL

DIGITAL SKETCHES





ORATION





As I started to sketch out ideas I wanted to play with lines and how I could manipulate them in a interesting way to convey my message.





EXPLO





MAKING LINES WITH LINES

As I was sketching I found a interesting way to create this super fine line, by layering different weighted lines, creating a super subtle line dividing the page.



THE FINE LINE

Exploring the complexities of the current age

FINE FINE
FINE LINE

FINE FINE
FINE LINE

FINE FINE FINE
FINE LINE FINE

THE FINE LINE

THE FINE LINE

THE FINE LINE

EXPLORING TYPE

I wanted to also use the type in the design to also communicate my idea, so I started manipulating it in different ways.





ENTATION

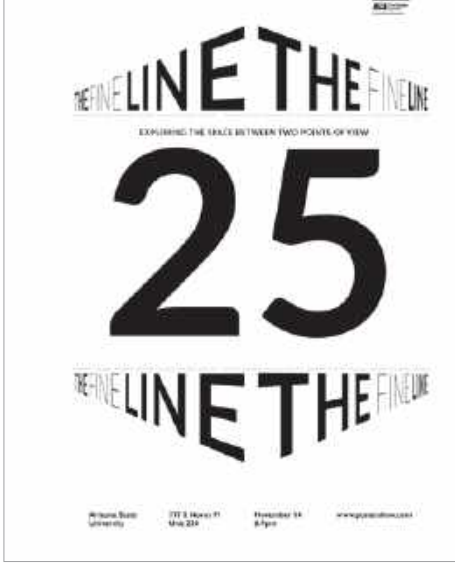


ORIE





ORIE



USING PERSPECTIVE

I also wanted to use the orientation of the type to maybe also create a subtle fine line, or interesting interpretations of the design, so I started to play with perspective.

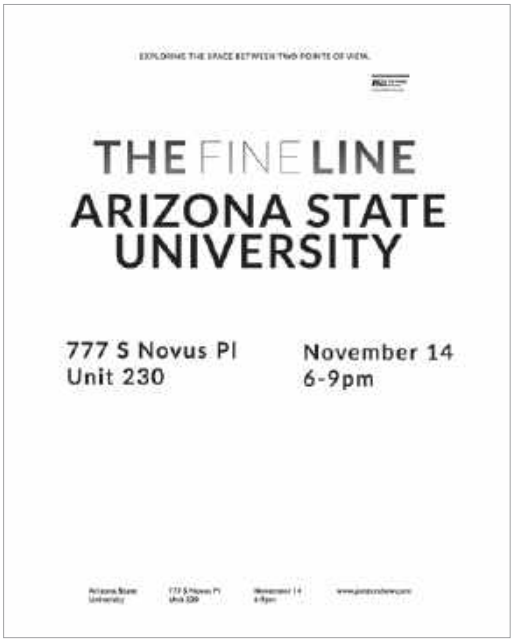





THE FINE LINE


25
THE FINE LINE


THE FINE LINE
THE FINE LINE
THE FINE LINE
THE FINE LINE
THE FINE LINE
THE FINE LINE


EXPLORING THE SPACE BETWEEN TWO POINTS OF VIEW.
THE FINE LINE
ARIZONA STATE UNIVERSITY
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6-9pm

DEN LINES



HIDD







USING REFLECTION

I also got the idea to use reflection in a way to also make a hidden subtle fine line. So I explored with reflecting type, and using gradients to make reflections.

CREATING GAPS

I also explored with using gaps to create lines or spaces, separating Type in interesting ways.

EXPLORING THE SPACE BETWEEN THE FINE LINE

Trenton Sanders
Emma Chapman
Benji Puentes
Coco Roth
Trenton Sanders
Trenton Sanders
Emma Chapman
Benji Puentes
Coco Roth
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Emma Chapman
Benji Puentes
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Trenton Sanders
Emma Chapman
Benji Puentes

COMBINING IDEAS

I wanted to see what it would look like if I started to combine all these Ideas into one design. I later realized it became too distracting and chaotic, making it hard to see a clear message.





ATION

EXPLORA

CENTRALIZING A IDEA

After examining my design I realized I had multiple ideas going on at once and that I was over complicating my design, so I decided to work backwards, and start simplifying the design again.

EXPLORING THE SPACE BETWEEN.

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THE FINE LINE

Trenton Sanders
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Trenton Sanders
Trenton Sanders
Emma Chapman
Benji Puentes

SENIOR EXHIBIT

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EXPLORATION

LORATION





A SINGULAR IMAGE

I then went back to using the type to create a compelling singular image story. I started to play with potential icons to communicate my idea.





LORATION EXPL









SIMPLIFICATION

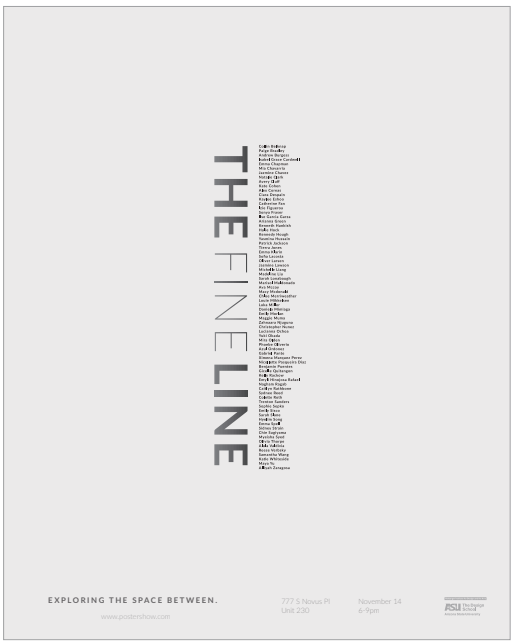
I then realized that a line was really all I needed to communicate my idea, so I went back to using lines, in a simplified way.





FINAL DESIGNS

I then kept pulling back layers and going back to some of my original ideas, to land on the final designs. I wanted the issues to be the fine line so I placed them in the center between everyone who was participating, and the title.



THE FINE LINE

Collin Belknap
Paige Bradley
Andrew Burgess
Isabel Grace Cardwell
Emma Chapman
Mia Chavarria
Jazmine Chavez
Natalie Clark
Avery Cluff
Kate Cohen
Alex Coreas
Clara Despain
Kaylee Eshoo
Catherine Fan
Izie Figueroa
Sonya Fraser
Ilse Garcia Garza
Arianna Green
Kenneth Hankish
Halie Hock
Kennedy Hough
Yasmina Hussain
Patrick Jackson
Tierra Jones
Emma Klarin
Sofia Lacosta
Oliver Larsen
Jasmine Lawson
Michelle Liang
Madeline Liu
Sarah Lonabaugh
Marisol Maldonado
Ava Mccoy
Macy Mcdonald
Chloe Merriweather
Louie Mikkelsen
Luka Miller
Daniela Miniaga
Emily Morfan
Maggie Muma
Zahnaara Njuguna
Christopher Nunez
Lucianna Ochoa
Yuki Okada
Mira Olden
Phoebe Oliverio
Azul Ordonez
Gabriel Ponte
Ximena Marquez Perez
Nicollette Pasqueira Diaz
Benjamin Puentes
Gicelle Quitangon
Kelly Rackow
Emyli Hinojosa Rafael
Nagham Ragab
Caitlyn Rathbone
Sydnee Reed
Colette Roth
Trenton Sanders
Sophie Sepko
Emily Sisco
Sarah Slane
Hyelim Song
Emma Spell
Sidney Strain
Chie Sugiyama
Myeisha Syed
Olivia Thorpe
Alula Valdivia
Reese Verbsky
Samantha Wang
Katie Whiteside
Maya Yu
Alliyah Zaragosa

EXPLORING THE SPACE BETWEEN.

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Arizona State University



Colophon

Software

Adobe Illustrator Version 29.4

Adobe InDesign Version 19.5.3

Adobe Photoshop Version 26.5

Hardware

MSI

Microsoft 11 2025

Version 10.0.22631 32GB

Print

AlphaGraphics

Heavyweight paper

Photography

Iphone 13

Apple, 6.1 in, 2021

Version 16.6.1, 128GB.

Typography

Gill Sans MT

Regular 12 / 14.4 / 0 / Black/white

Bold 48,72 / 57.6 / 0 / Black/Red

