

Cultural factors

- Race
 - Irish
 - European settlers
 - 5% German
 - Traditions
 - timbertown festival
 - Annual agricultural show (late march), Features, displays of Beef cattle, show jumping, produce, local arts and craft.
- Christian is the main religion

HISTORY

- Baraggun region (dalylara, Jandowae)
- Names o Jindowie (1866) o Jondowiae (letter)
- Jandowae (1914)
- First Railway Station came in 1914
- Known for their dingo fence, originally called "wild dog barrier fence".

STAKEHOLDERS

- Jandowae Citizens
- Council
- Tourists
- Locals
- Visitors

DINGO BARRIER FENCE

JANDOWAE PARK Fence



ECONOMIC FACTORS

• Jandowae has a low Socio-economic status

• Cost won't impact the design as much, as the council will be paying for it.

- Cost for the materials, colour (paint, spray paint) etc.
- Council is funding all resources

Materials

Barbwire

Wood

Metal

Timber

Air Brush

Paint

Spray Paint

Principles of Good Design

useful

long lasting

understanding

Environmentally friendly

Innovative

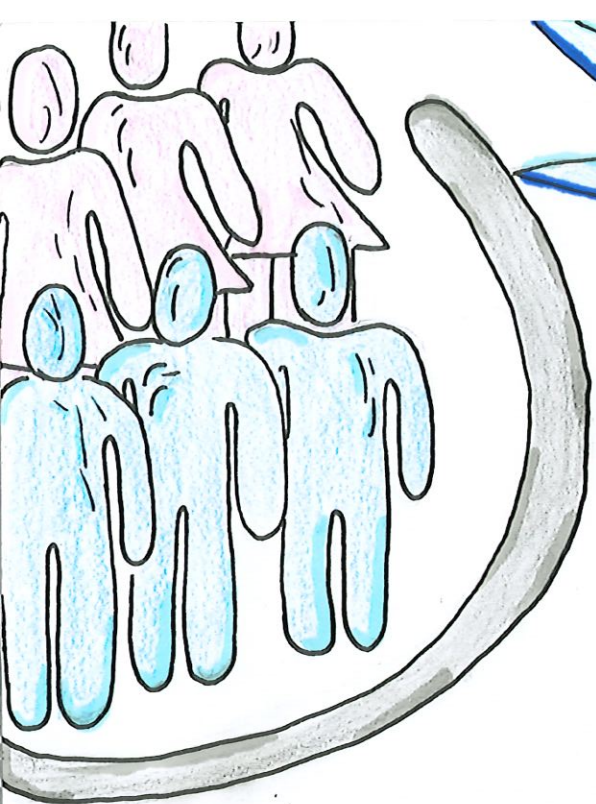
Aesthetic

NEEDS

- Stay in budget
- 1.2m high bottom Gap of 600mm = total height 1.8m
- Length of the fence approx 29.5m
- Improve safety

WANTS

- Reflect look and feel of the Park
- Reflect community/history of Jandowae
- tell a story about Jandowae
- highlight what the community feels is important
- Green brown colours



STAKEHOLDERS



NEEDS AND

WANTS

COUNCIL

JANDOWAE COMMUNITY

VISITORS

Needs

- o Stay in budget
- o Sheet 1.2m high with a bottom gap of 600mm = total height of the fence 1.8m.
- o Length of the fence approx 29.5m

Wants

- o Reflect the Look and feel of the park
- o Community history
- o Tells a story about Jandowae
- o highlight what the community feels is important

Needs and wants

- ☐ Aesthetic / Appealing to the eye
- ☐ Shows history about Jandowae
- ☐ Tells a story, reflecting Jandowae's community and culture
- ☐ Safe

NEEDS

- o Appealing to The eye
- o Relate to Jandowae
- o Reflect Jandowae's History and culture
- o Understandable
- o Fence opening Needs to be functional

WANTS

- Representation Symbols (recommended):
- o Camp drafting
- o cattle
- o Crops
- o timber town tree
- o Nature
- o People working together
- o farmers, live stock
- o Dingo Statue
- o Farm Machinery

Questions for the Jandowae community

- Q1. What is your favourite thing about Jandowae?
- Q2. What makes Jandowae unique to you and how does it differ to other rural communities?
- Q3. What are three words that you believe accurately describes Jandowae?
- Q4. What is a symbol/s that would best represent Jandowae and its community to you?

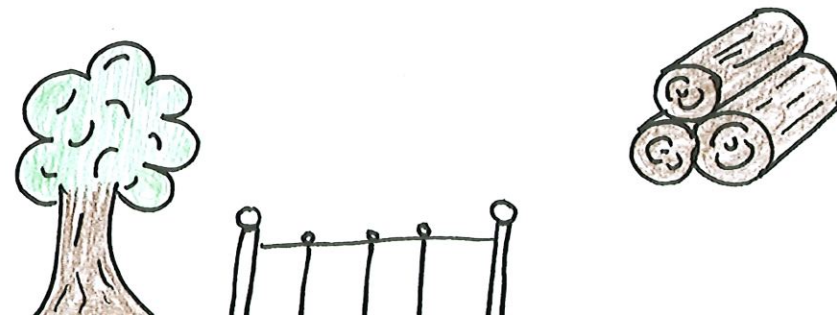
Questions for the Council

- Q1. Are there any limits to the design in terms of overall cost and resources?
- Q2. Are there any non-negotiable components that must be involved in the design of the fence?
- Q3. Can other elements (i.e., LED lighting, 3- dimensional illusions) be included in the fence design?

Q4. Is there anything that the council believes the fence needs in order to be a successful design?

Q5. What is the council overall goal with this project?

Q6. What are the specific height a length restriction?



Primary Data

Jandowae community responses

- Q1. Community spirt, caring for each other and connectedness through adversity
- Q2. The town has lost of sport, even though it's a small community
- Q3. Small old nice landscape
- Q4. Farm machinery

Council responses

- Q1. The Jandowae Council have made a budget for this project.
- Q2. Taking into account the other 2 sides of the fence will have a 'dingo' fence 'look & feel'.
- Q3. The Jandowae council have said yes to considering LED lighting and 3D illusions as long as it stays in the budget they have created.
- Q4. Want us to aim to make the fence reflect the 'look and feel' of the park, and also reflecting views of community and the history's/stories of Jandowae.
- Q5. Their goal is to improve safety (currently one side is badly damaged), improve aesthetics of the park
- Q6. The specific height and length restriction is Sheet 1.2m high with a bottom gap of 600mm= total height of the fence 1.8m, length of the fence approx. 29.5m.

Primary Data



- Barb wire and metal structure
- Simple
- Not very structurally sturdy
- Rust

↑
LIMITATIONS

- Barb wire thick
- Strong (hard to break through)
- Transparent
- Doesn't use too many materials

↑
STRENGTHS



- The design of the fence and the structure has gaps between the bars, which could allow small animals and kids to fit through

↑
LIMITATIONS



- Tall
- Long lasting materials used
- Strong structure

↑
STRENGTHS



Secondary Data

Jandowae known for:

- ❖ The famous dingo fence design
- ❖ Timber town festival
- ❖ Original railway station
- ❖ War memorial commemorating locals enlisted in WWII

Dingo fence relevance:

The dingo fence has its relevance to this design as It portrays inspiration for fence design ideas.

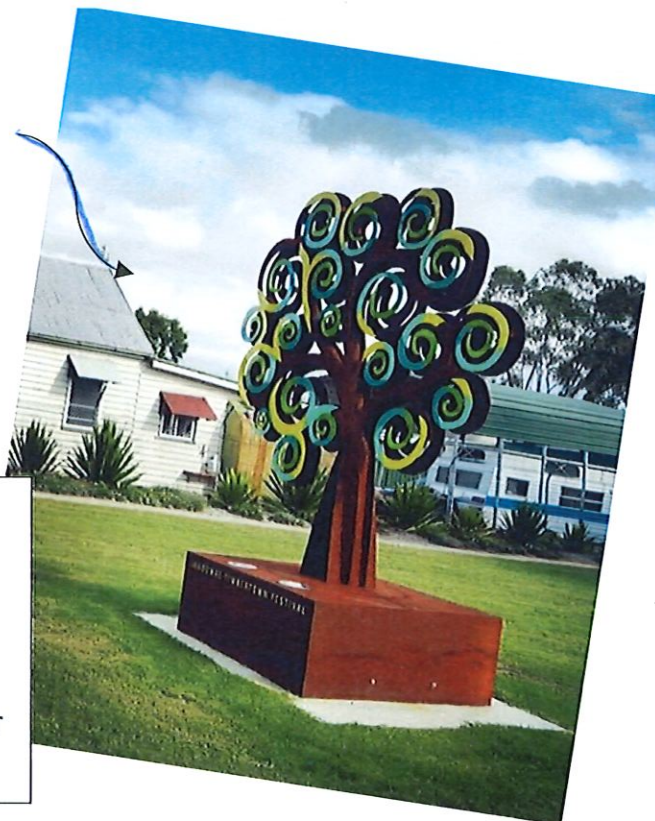
As well as it being well known by the community. Meaning if It was symbolized on the fence structure the Jandowae community would recognize its meaning.

Strengths:

- Sturdy
- Unique
- Well known
- Tourist attraction

Limitations:

- May break over the years
- Rust
- Graphitized over the years



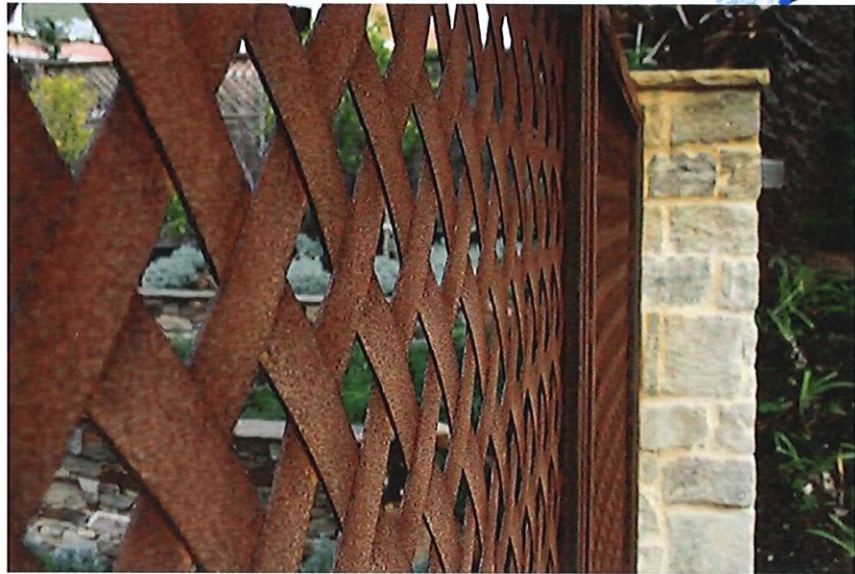
Timber town relevance:

The timber town festival is relevant to this design through it being an annual event.

The timber town festival is also recognized by tourists at one of the local parks. This is because they have made a statue of the timber town tree.

This is relevant to the design through it being a popular event making it stand out if it were to be put onto a fence structure.

Secondary data

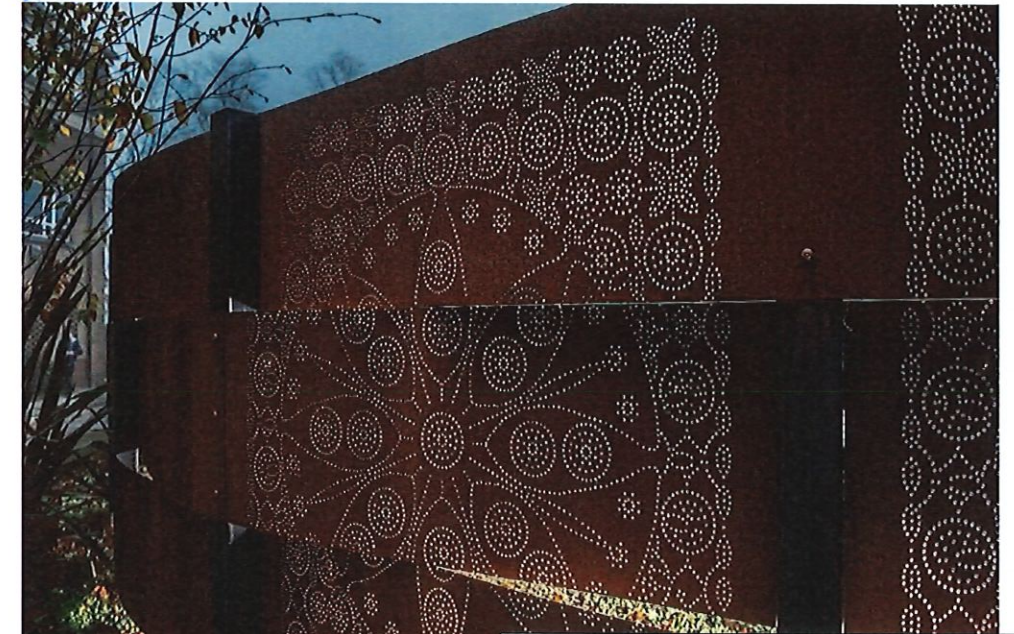


STRENGTHS

- ✓ Strong
- ✓ Dingo fence 'look' and 'feel'

LIMITATIONS

- ✓ May not be as safe



STRENGTHS

- ✓ has a rustic look
- ✓ Sturdy
- ✓ Heaps of surface area to put designs

LIMITATIONS

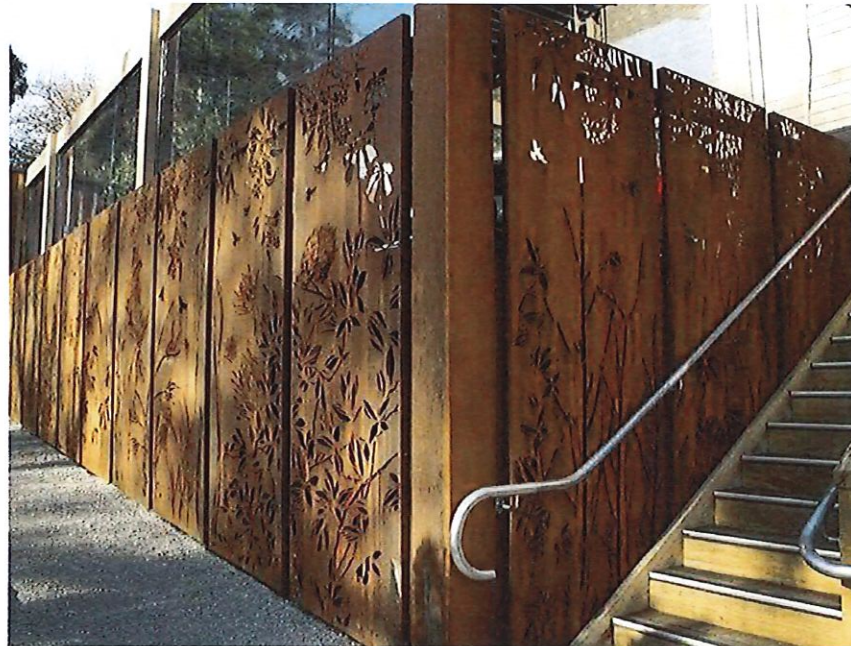
- ✓ Hard to manufacture

STRENGTHS

- ✓ Study
- ✓ Panels are big enough to fit images

LIMITATIONS

- ✓ Doesn't include Dingo fence 'look' and 'feel'



STRENGTHS

- ✓ Panels have a lot of surface area
- ✓ Vertical panels are aesthetic

LIMITATIONS

- ✓ Doesn't have Dingo fence 'look' and 'feel'

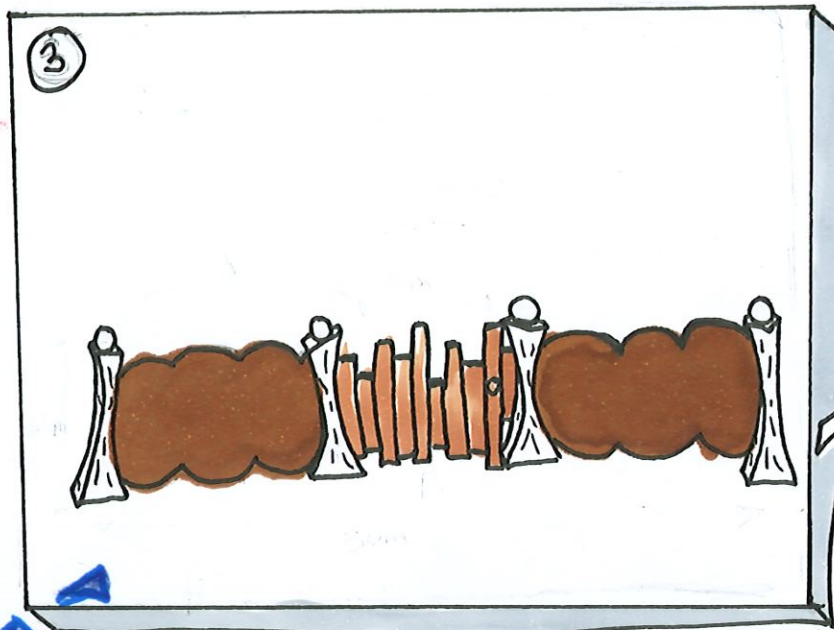
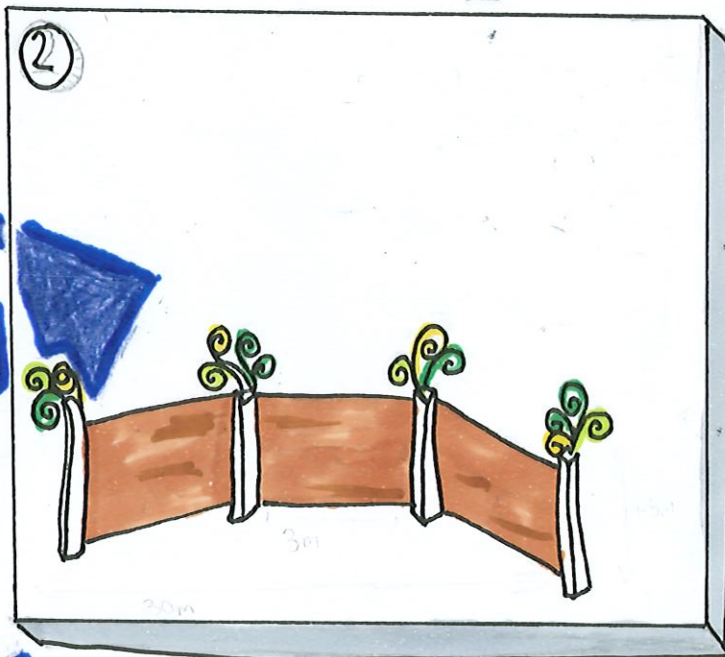
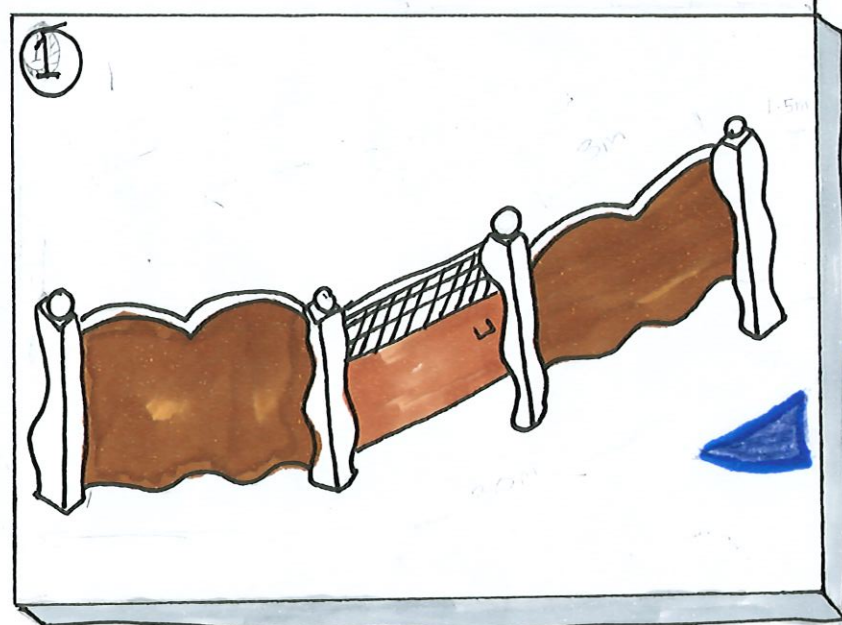


IDEATION

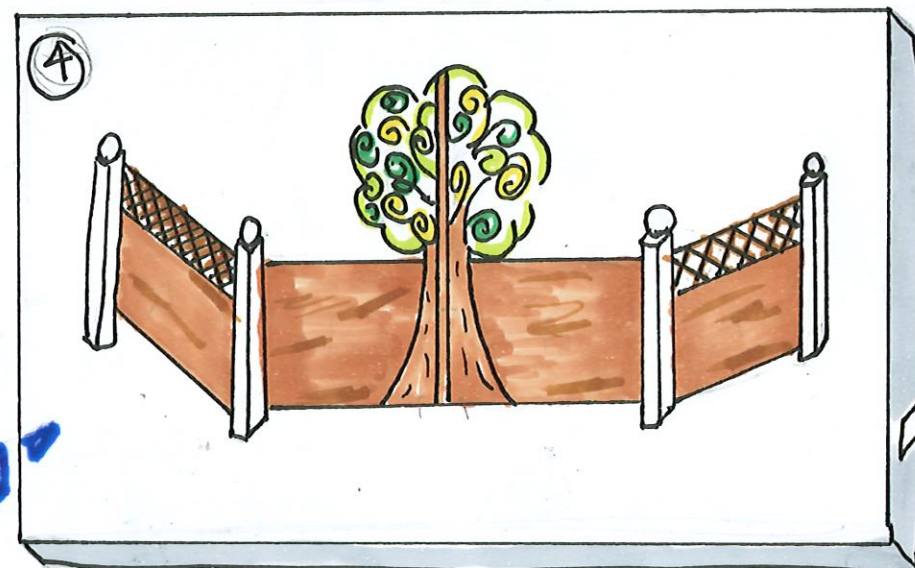
+ Simple structure/easier to build
 + Creative/Aesthetic
 - Simple/Not much relating to Jordan
 + the use of metal Materials to create the Netting would Make the design last longer

SKETCHES

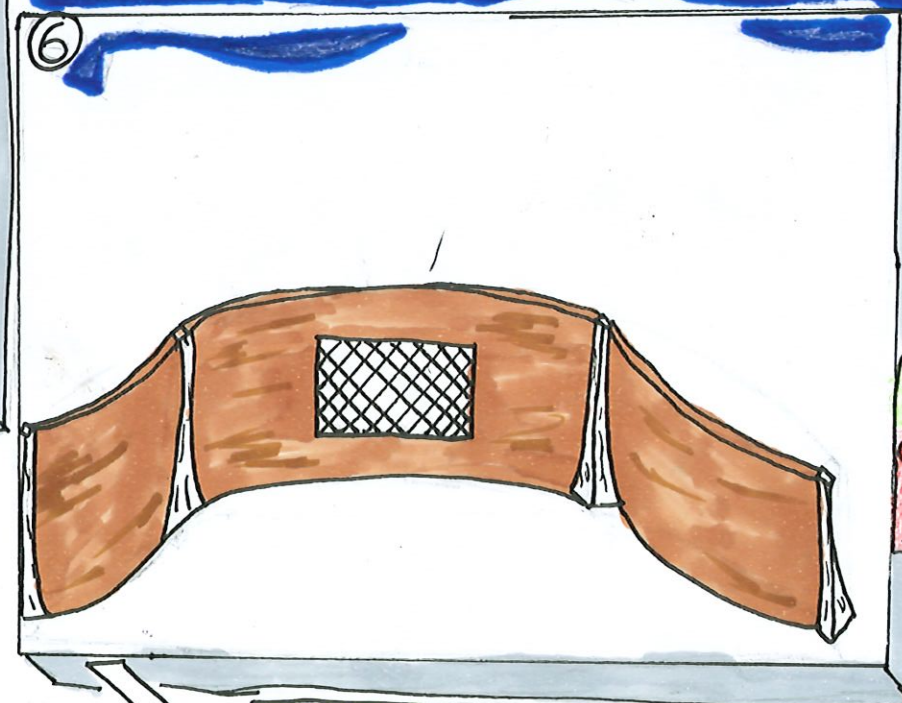
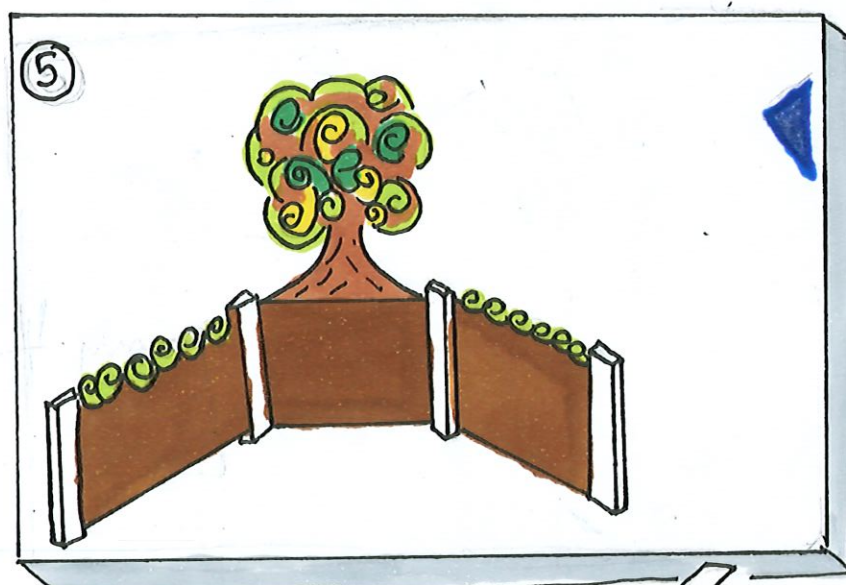
+ Represents timber town tree branches
 - The timber town tree on the posts could be difficult to design (time consuming)
 + LEDS to be added for more Aesthetic and stand out from what's been done before



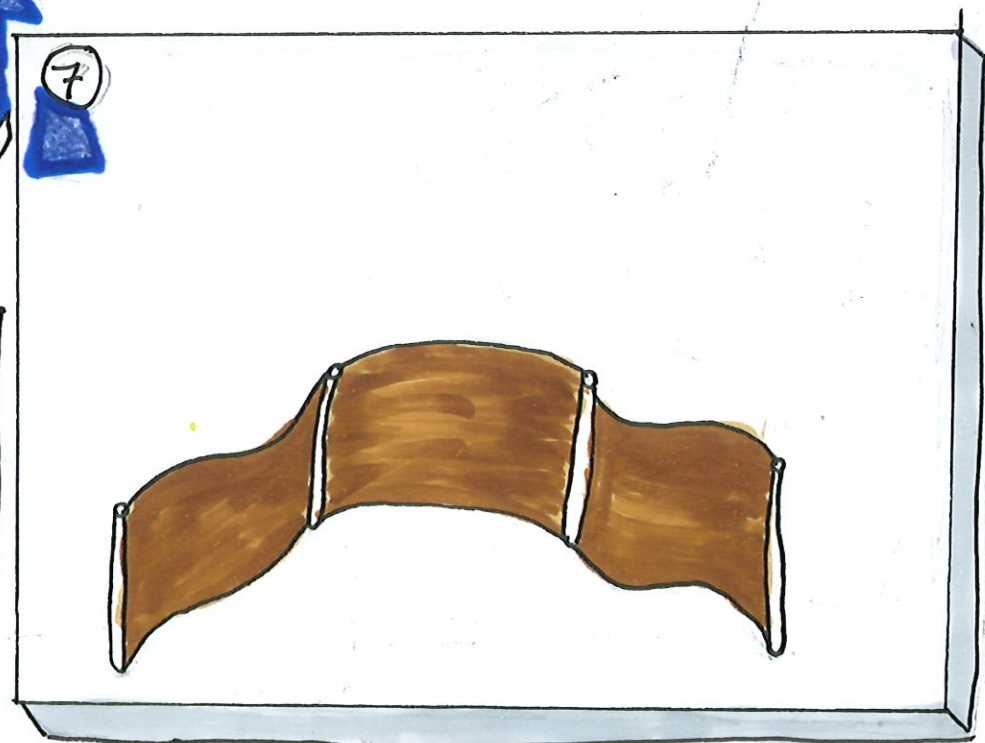
+ unique design, Not many like it.
 + Minimal Maintance
 - May be out of Set Budget.
 + Made with Corton steel makes fence stronger.



+ Relates dingo fence and timber town tree.
 - tree to tall for height Limitations
 + LED lights in each Branch to add a focus on the tree at night.



+ Unique Curves
 - Doesn't have Links to Jandowae
 + Use of LED lighting in the bottom curves can Make an underglow light effect for Night time.



+ Represents Timber town Tree
 + Unique Swirl wiring
 - Tree Could be to tall Not Meeting height requirements
 + using Cut out Corton Steel for tree making it Match the rest of fence More Aesthetic

+ Posts are unique
 + Post represent bottle tree
 + middle wiring represents some of the dingo fence
 - Curves take a while to make
 + LED lights could be added for more display at Night.

SYNTHESIS

- ⊕ Strengths
- ⊖ Limitations
- ① Implication

Ideas

2 + 4



In this design there were strengths, limitations, and implications found there were:

- ⊕ The tree and posts represent the timber town tree
- ⊕ the gridding represents the dingo fence

⊖ The post tops (tree branches) could be difficult to make (time consuming)

⊖ The tree may be too high not reaching height limitations

① Adding LEDs to the tree

In the middle could make it stand out at night.



Reinforcement

If I could make a reinforcement for this fence design and structure it would be to make the tree meet the height requirements. I could do this by adding the tree as just an image on the two panels instead of it being its own structure. Although this design has good features I did not choose it for the final design as it seems too much but too little.

Evaluation

The purpose of this design was to create a fence design for the Local Jandowae Park. For this synthesis I combined ideas 2 and 4 from my Ideation. This was to exentuate the relation to the Jandowae timber town festival. This fence will be made using cortan steel. The grided top half of the panels will be made with cortan steel weaved into a grided look. The most important aspect of the fence structure was revolved around the tree in the middle of the fence. This tree is a big resemblance to the timber town tree structure at Jandowae. For this fence the images that I have chosen to draw, relate to some of the answers from the Jandowae community. These being the images of farming equipment, and a farmer and a few crops. The panels will repeat although the tree on the middle two will be the only tree.

Evaluation

The Purpose of the design project given was to develop a fence design/structure for the Jandowae Park. This fence structure is made using cortan steel, the pannels are bent into a curve front back front, Back front, each pannel will include a circular post. The designs that have been displayed consist of reactions to Jandowae and its history/culture. The designs will stay in a repetitive pattern. This being, The Image of a representation of the timber town tree, then an Image of a Dingo's head Inside of the head It shows sports, weat, farming and timber. this resembles the dingo fence, Jandowae sports, and Farming utilites. In the Next pannel it portrays farm animals and timber. the Seventh pannel then reprensts some of the crops the Jandowae farmers produce. the ninth pannel is another timber town tree After the tree the fence Pannels repeat. In between each pannel a design on it there will be a Blank Pannel to even out the design.

Ideas

2 + 7



Throughout the development of this design there were

A few Strengths, limitations and

Implications found these being:

⊕ The Structure has curved Pannels Making it

Unique And More strengthened.

⊕ The designs Link to Jandowae.

⊖ The bending of the cortan steel could take some time to construct.

⊖ Pannels that are blank could Make the design seem boring.

① LED-lights could be added to the Back of the Imager to create more display at Night.

⊕ Strengths

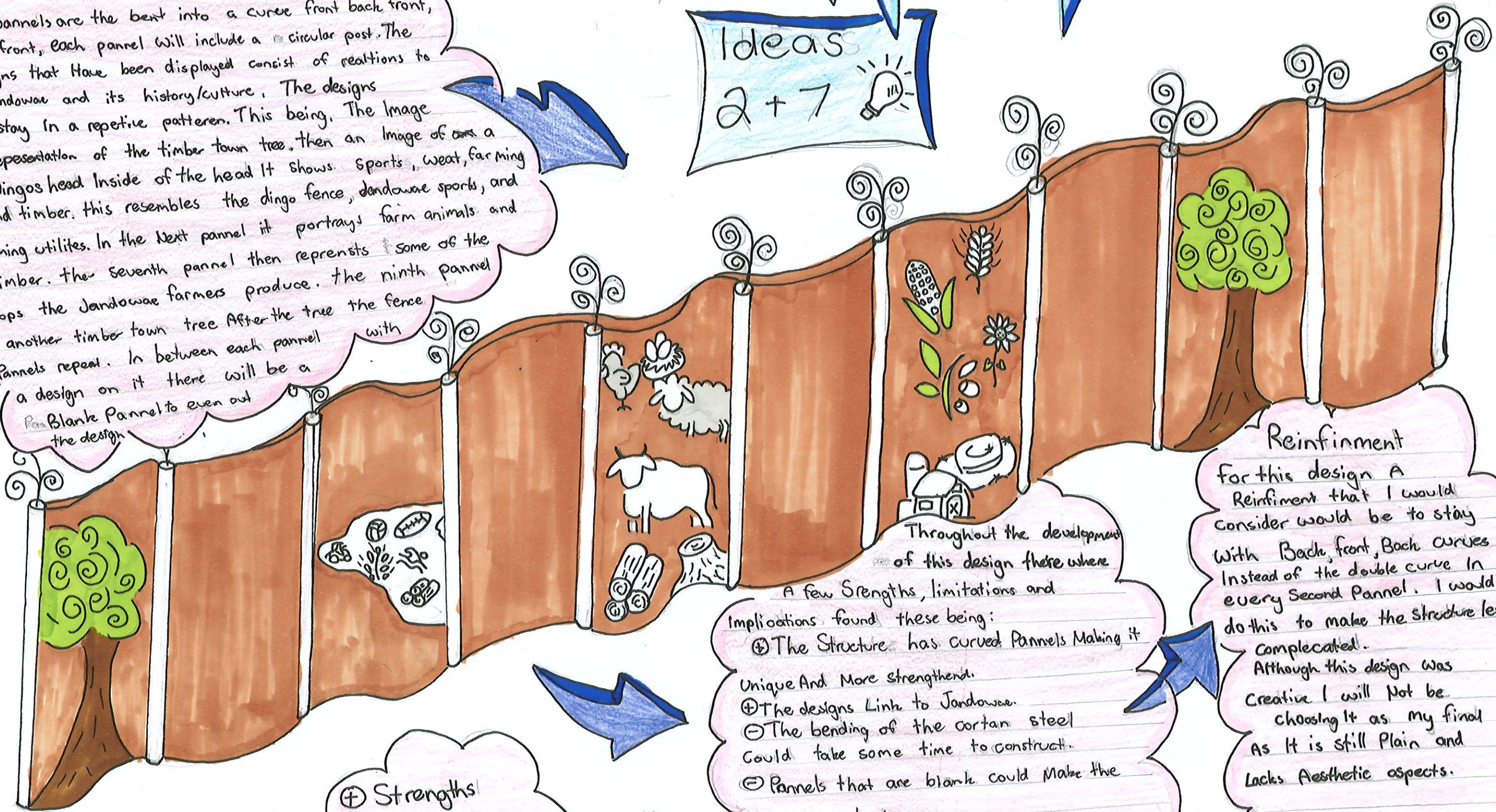
⊖ Limitations

① Implication

Reinfinment
For this design A Reinfinment that I would consider would be to stay with Back, front, Back curves Instead of the double curve In every Second Pannel. I would do this to make the structure less complicated.

Although this design was Creative I will Not be choosing It as my final As It is still Plain and Lacks Aesthetic aspects.

SYNTHESIS 2



Evaluation

The Purpose of this design was to Create a fence structure for the Jandowae Park. this fence was to have designs that tell a story about Jandowae or that have a relation to Jandowae's Community / events. for this design I decided to Make the fence structure bend in a wavey shape. for Aesthetic purposes I added weaving cortan steel gridding. each pannel will be made using a ^{slat} of cortan steel. for this design I combined Ideas 6 + 7 + 3. the aspects I took from each idea where ⑥ the weaved middle. ⑦ The curved pannels ③ The tree stump posts. through the fence structure you can see the images show relation to crops that are farmed throughout Jandowae and their farming Machinery. I have chosen these images as they where recommended in the Interviews and because the farmers are a big Part of Jandowae's Community.

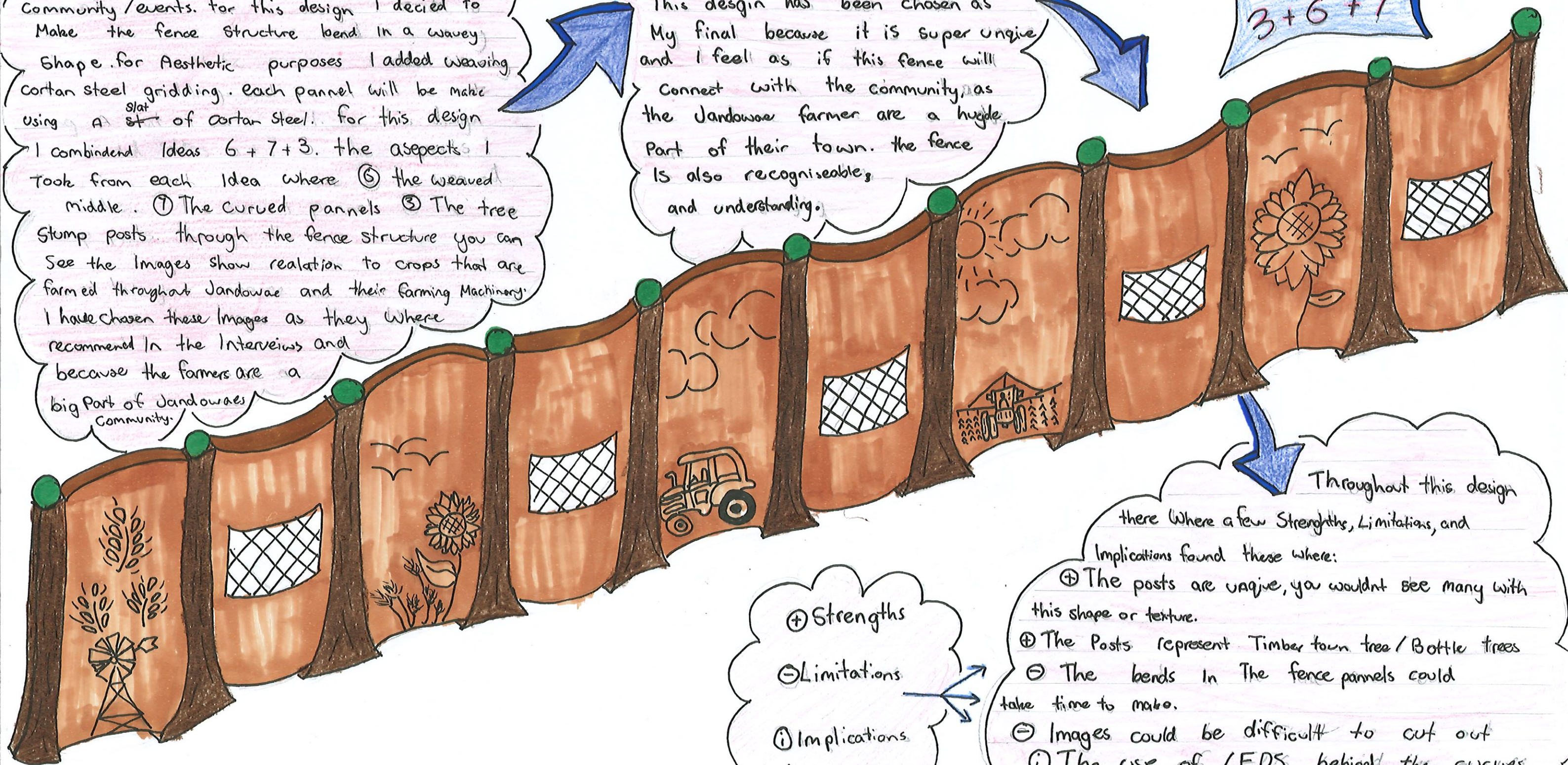
Reinfinment

If I needed to make a Reinfinment for this desgin it would be to make Posts look more like trees as It may be difficult to recognise once the design is brought to life.

This desgin has been chosen as My final because it is super unqie and I feel as if this fence will connect with the community as the Jandowae farmer are a huge Part of their town. the fence is also recognisable, and understanding.

Synthesis

Ideas
3 + 6 + 7



Throughout this design

there where a few Strengths, Limitations, and Implications found these where:

⊕ Strengths

⊖ Limitations

① Implications

⊕ The posts are unqie, you wouldnt see many with this shape or texture.

⊕ The Posts represent Timber town tree / Bottle trees

⊖ The bends in The fence pannels could take time to make.

⊖ Images could be difficult to cut out

① The use of LEDs behind the curves and Images could make the fence stand out during the night.

Final Evaluation



For this assessment the design opportunity presented was to create a fence structure and design for one of the local Jandowae parks. The stakeholders that were identified for this design were; Jandowae council, community and tourists. The design I have chosen to go through with as my final was based off synthesis 3.

Synthesis 3 was a combination of ideation sketches 3,6 and 7 this design came along with a number of **strengths**, **limitations** and **implications**, these where; the posts represent bottle tree trunks, making them a unique design. **Limitations** are; the images may be hard to cut out, curved Panels may take time to build. An **implication** that I suggested to make the design look better was to add LEDS behind the curves and images on the panels.

If I were to make **refinements** to this design, I would make would be to make the posts look more like trees as it may not be recognizable when the design is brought to life.

In conclusion, this design is the most successful and has been chosen as my final design as it shows off Jandowae and its connections with their culture/ history. It also has a good structure with the posts the have been shaped as the trunk of a tree, and the consistent curved panels potentially can help the fence stand up successfully and make it last longer. The images intentions are to be aesthetically pleasing to the eye. Hoping it will attract tourists and make the Jandowae community have a connection to the look and feel of the park.

PROTOTYPE PAGE

I think this design will be successful because it meets the stakeholders needs and wants. This design has good representation towards Jandowae and their history and culture. The design is well structured and aesthetically pleasing. Some **strengths** of this design include; the posts being unique - there aren't many with this shape or design, the posts represent bottle trees and the trunk of the Timber Town tree sculpture. Some **limitations** to the design where images may be hard to cut out, bends in panels could take time to make



An **implication** I would make for this design would be to add LEDS behind the curves and images. This would make the design stand out and be more recognisable during the night. For this design if I were to make a **refinement** it would be to make the post look more like trees as it may be difficult to recognise when the design is brought to life.

Support page one

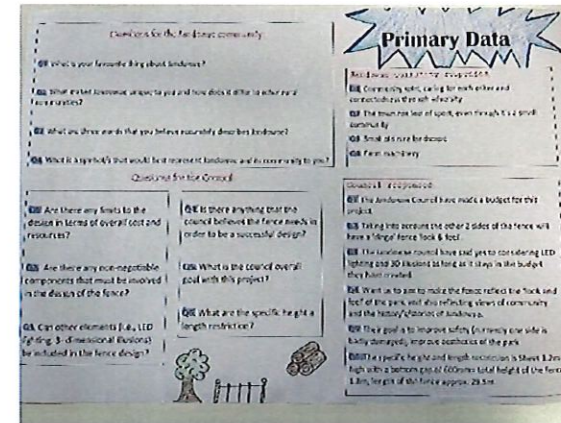
Mind map



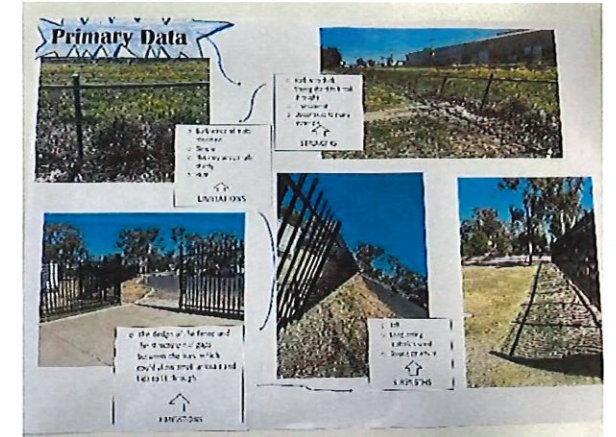
Stakeholders



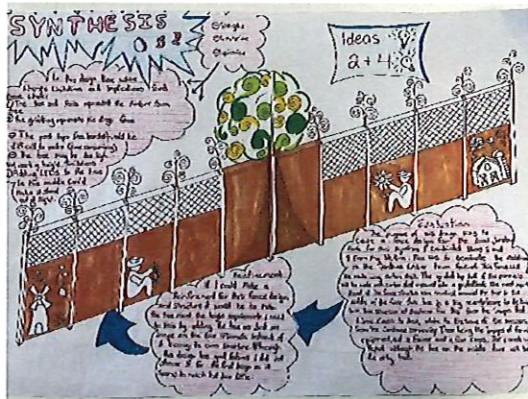
Primary data one



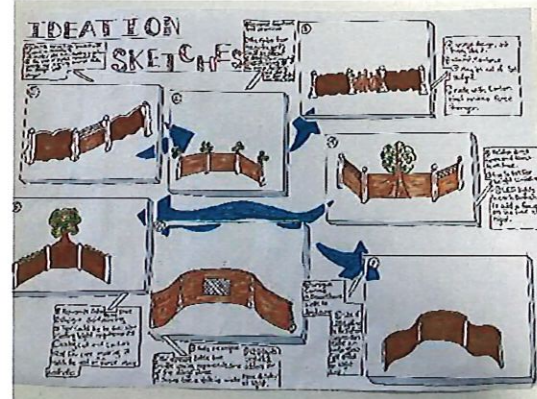
Primary data two



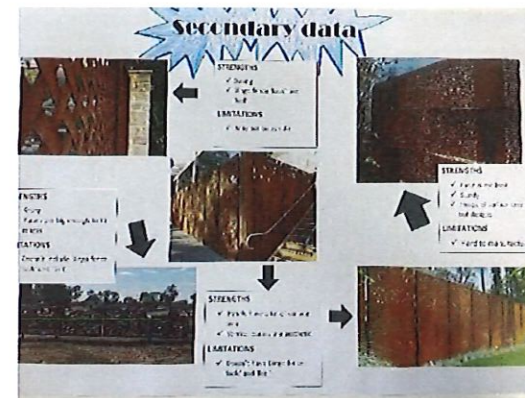
Synthesis one



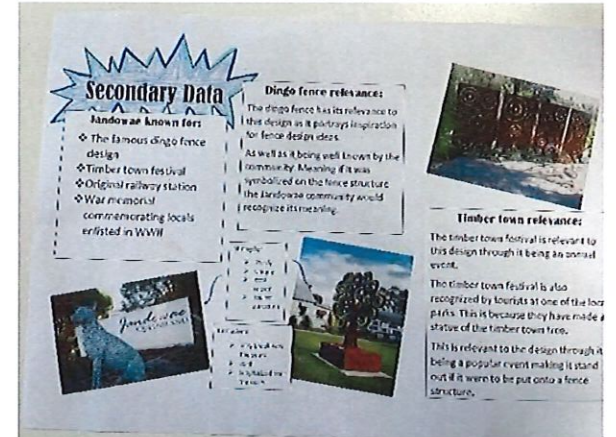
Ideation sketches



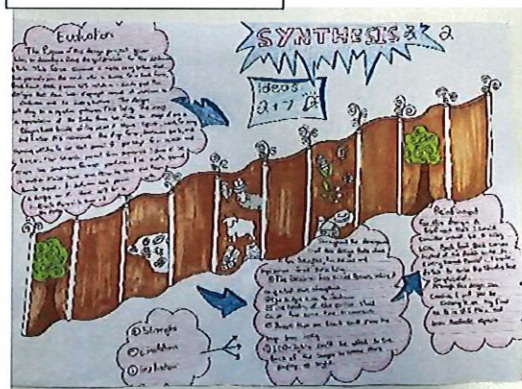
Secondary data two



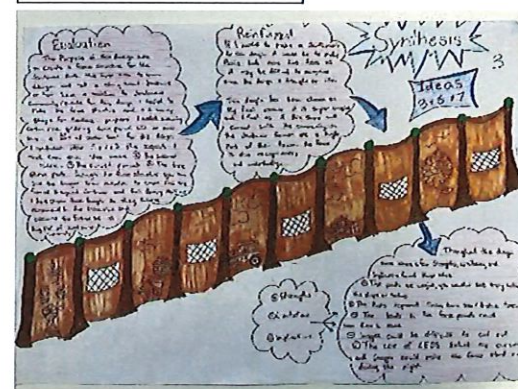
Secondary data one



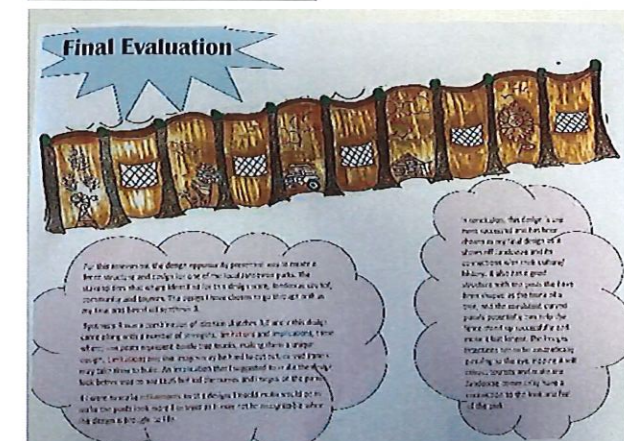
Synthesis two



Synthesis three



Final evaluation



Support page

two

1. what was the aim of the project?

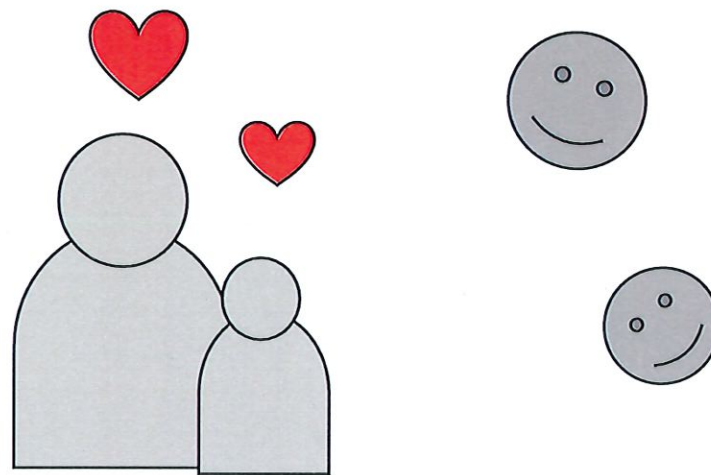
The aim of this project was to design a fence structure showing relations to the history and culture of Jandowae for their local park. This is in hope to bring in the community and to show tourists some of what Jandowae

2. what were the goals that your stakeholders needed you to consider?

The stakeholders I needed to put into consideration for this design where the Jandowae council, community and visitors/tourists.

4. Why should your stakeholders choose your fence design?

I believe my fence design should be chosen as the final design because it represents Jandowae in a way the community can remember their history and culture as they grow. and because it meets the stakeholder's requests.



3. what features of your final design meet the needs and wants of your stakeholders?

The features of my final design that met the needs and wants of my stakeholders were the height requirements, the length, and safety of the structure. The design also meets the aesthetic needs and want from the community's behalf by involving images that represent Jandowae culture and history.

