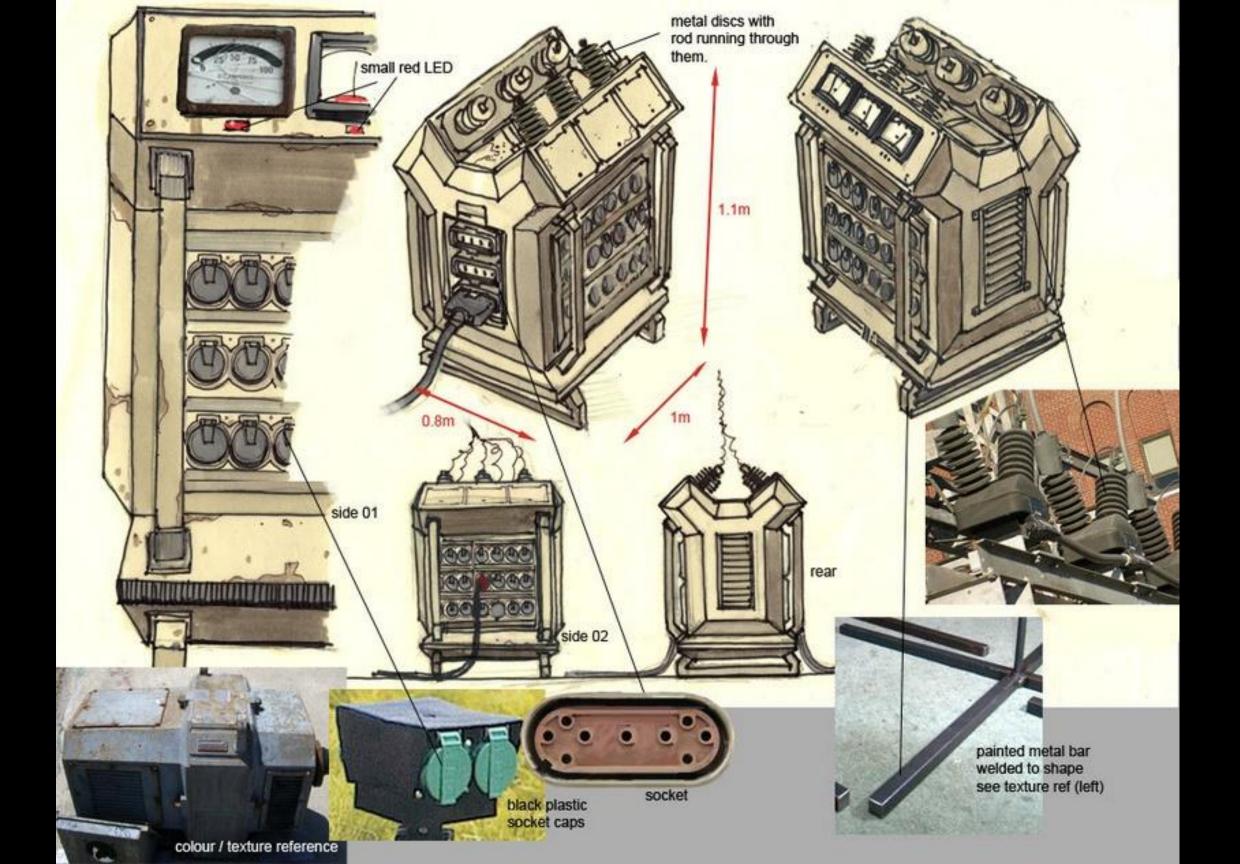
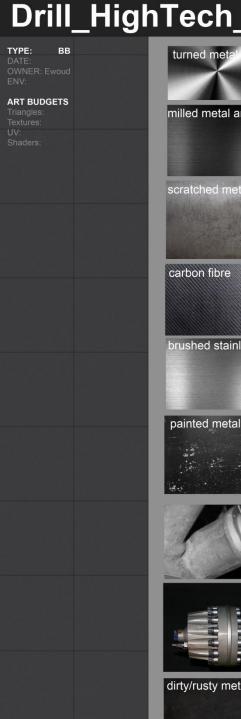
Guerrilla Games' Approach To Asset Art

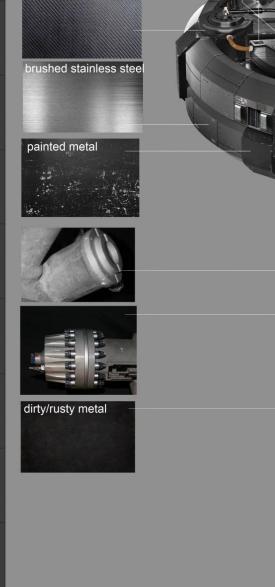
GDC 2016 Maarten van der Gaag Guerrilla Games



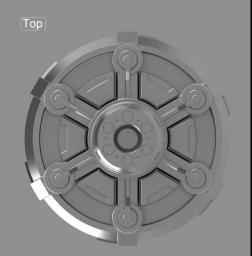


Drill_HighTech_b001

















The Scope of Killzone Shadowfall

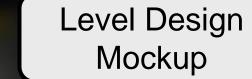
- 14000 individual assets
- Almost all outsourced
- 25000 days of outsourcing
- Over 100 artists at several vendors

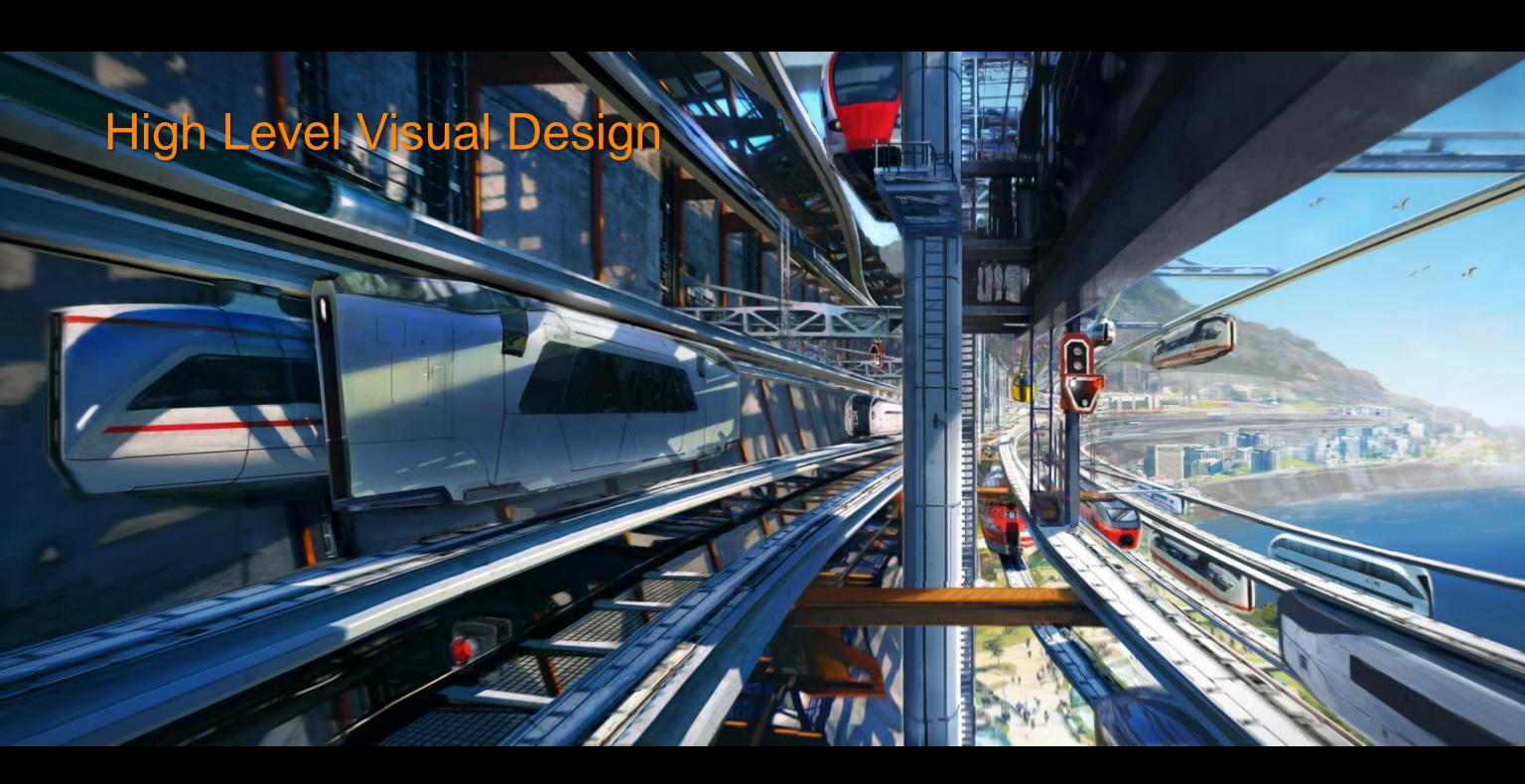
Why do it?

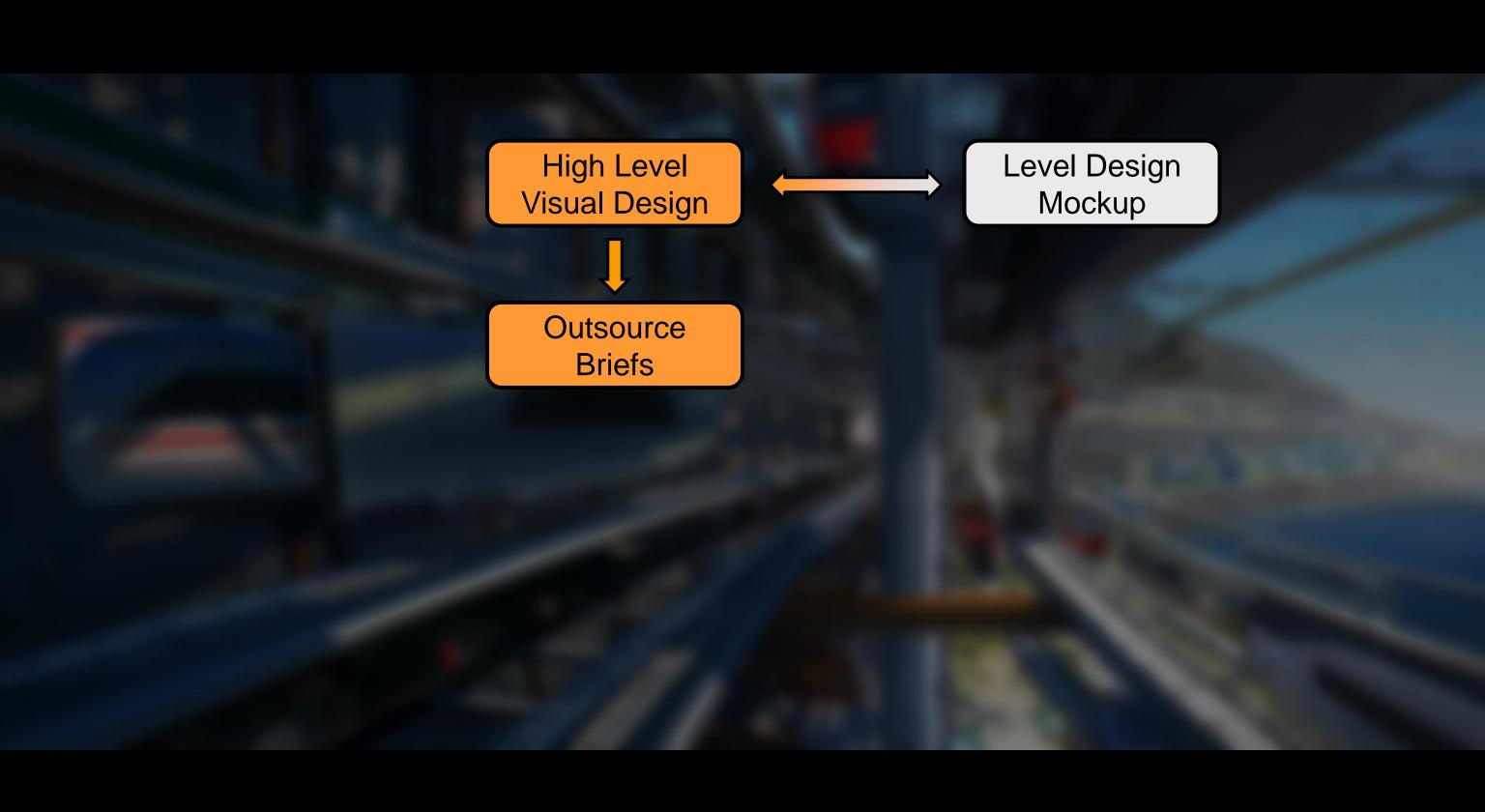
- Our core business is making games, not assets
- Asset art production is seasonal
- Playing to our strengths

How we do it?

High Level Visual Design







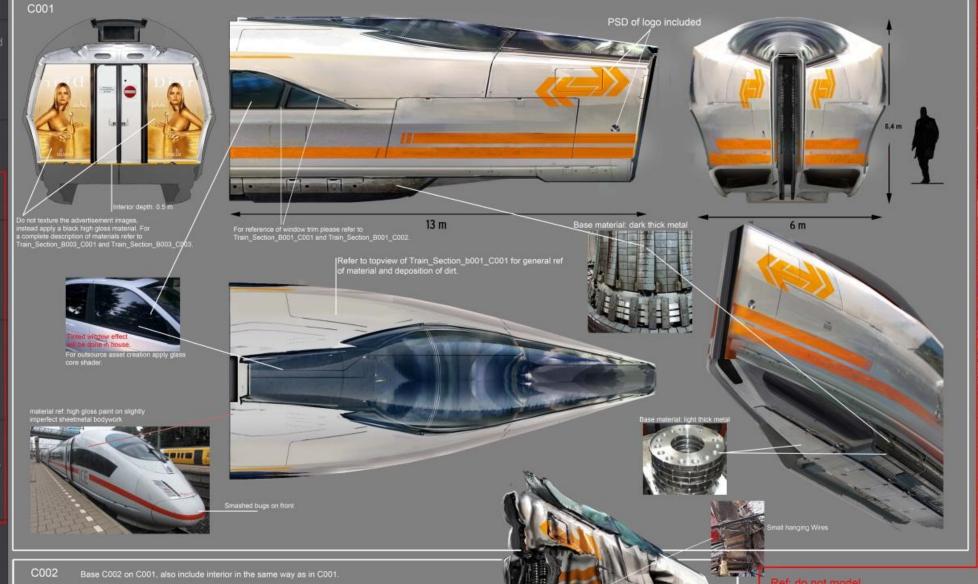


Set_Dressing_Vekta_ISA_Train_Cockpit_b001



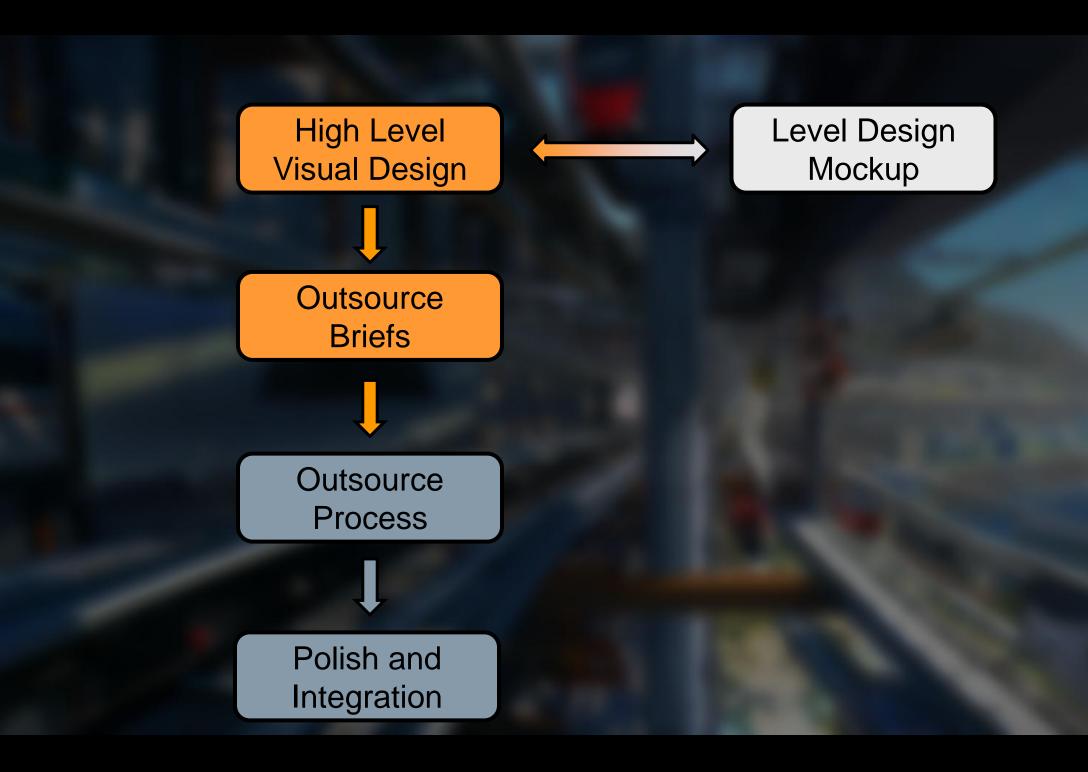
Building Block

TYPE: DATE:

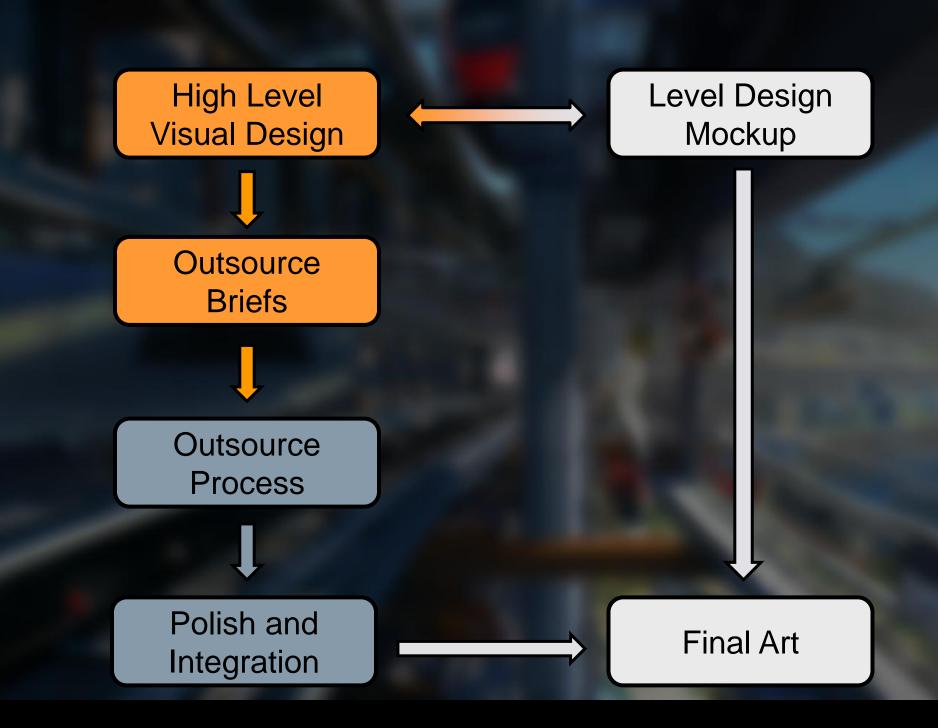


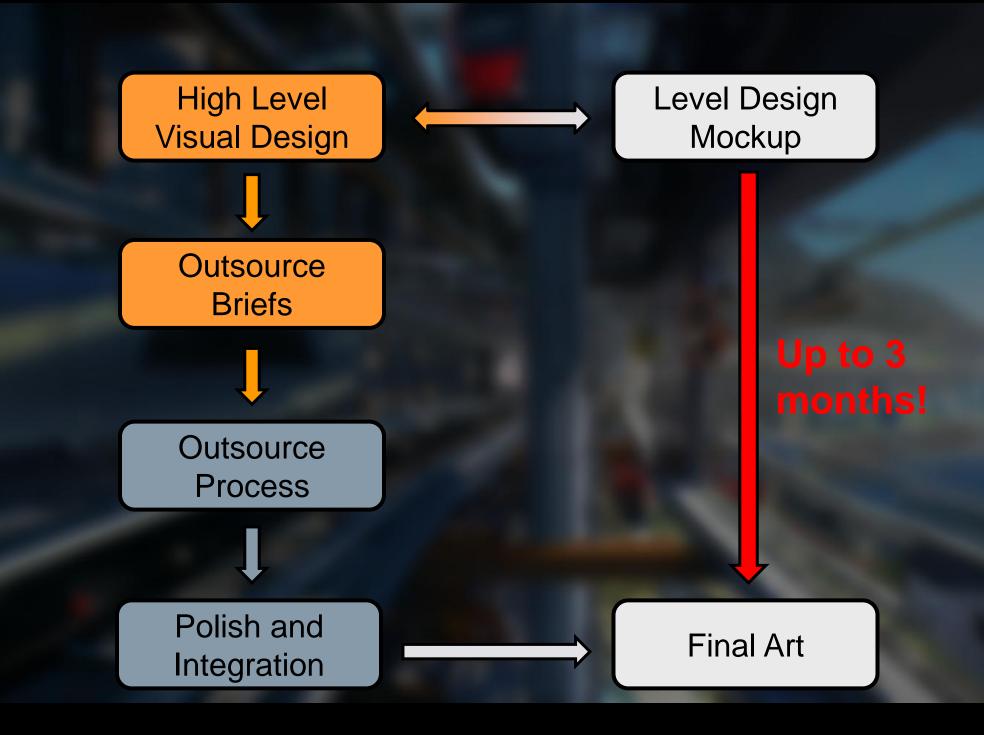












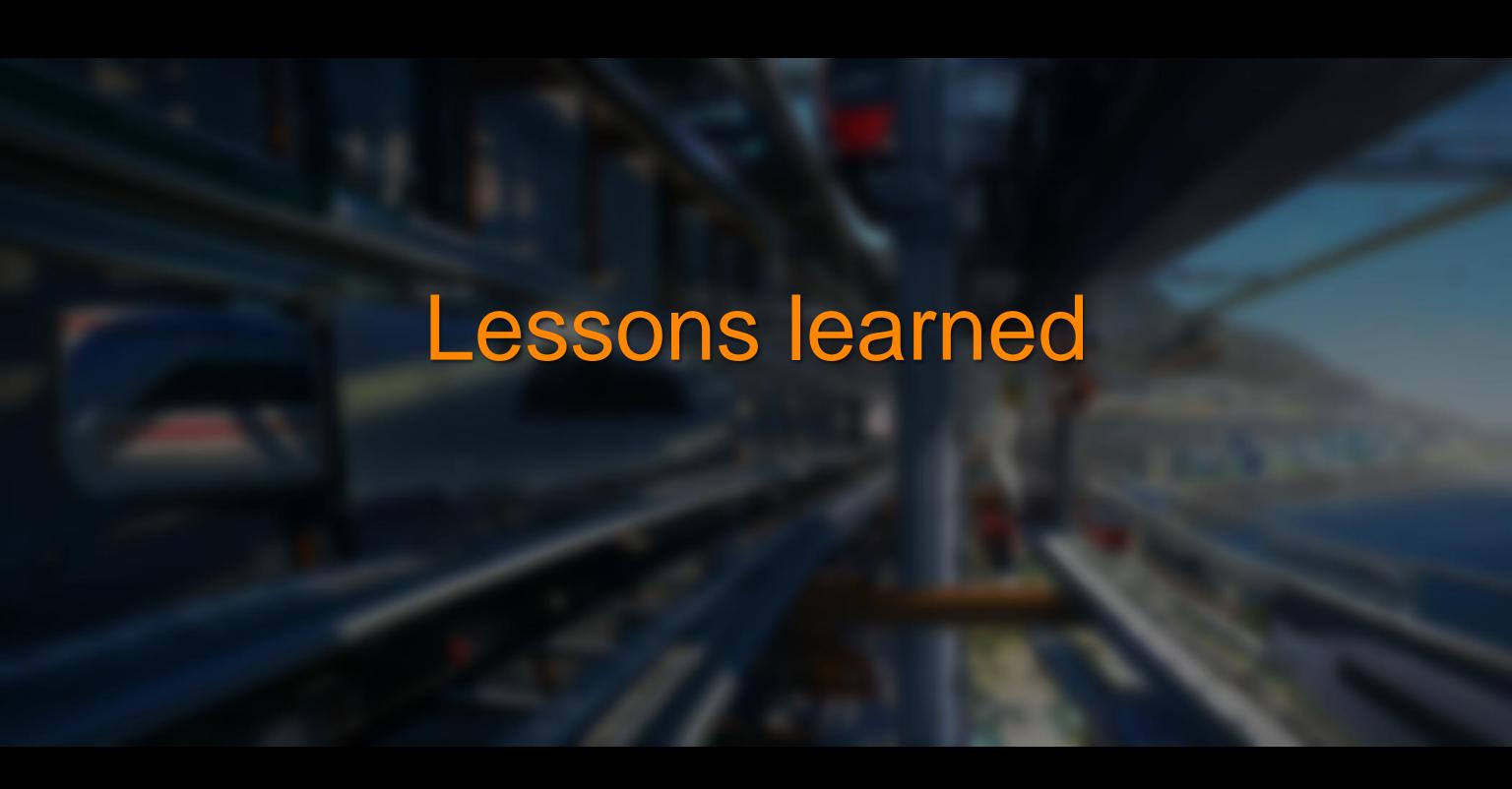
Pros and Cons

Pros

- Look development in parallel with level design
- Very high quality assets
- Flexible workforce

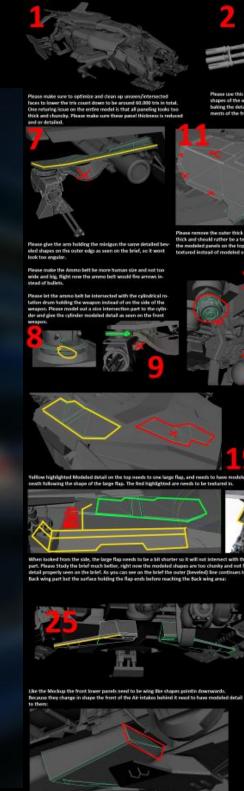
Cons

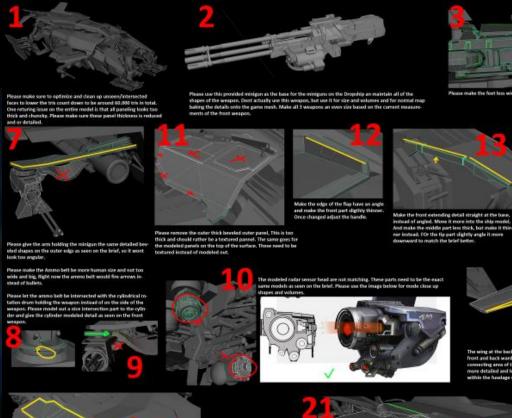
- Environments longer in mockup phase
- Underuse of assets
- Requires lots of concept artists
- Inflexibility due to volume



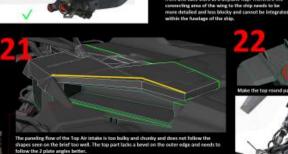
Lack of quality is usually your own fault

- Vendors have very skilled artists when it comes to execution
- But you cannot expect vendors to do your visual design or art direction
- Preparation is key







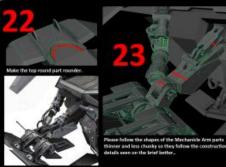


nor instead. FOr the tip part slightly angle it more downward to match the brief better.

The wing at the back of the Ship needs to be rotated-front and back ward as a airplane flap. Therefore the

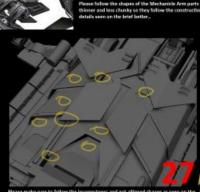


Not flat but angled.

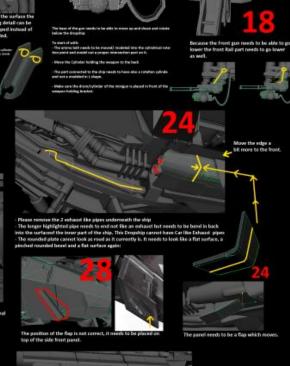


As seen on the brief intersect the square metal detail more with the surface by moving it more into the surface plane and make the brackets on top from the same size and thickness.

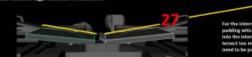
element bigger, resulting in a smaller bevol on the sides







Make sure to maintain the angular stelltry shapes in all surfaces of the bottom. They don't need to be alligned but they need to have purpose in their angles as seen on fighter yet.



For the intervior Please push the highlighted plane forward, this needs to be intervior padding which sticks out then the frame beam above it. Please place a game character into the intervior of the skip and lower the floor and ceiling elements to they want in-



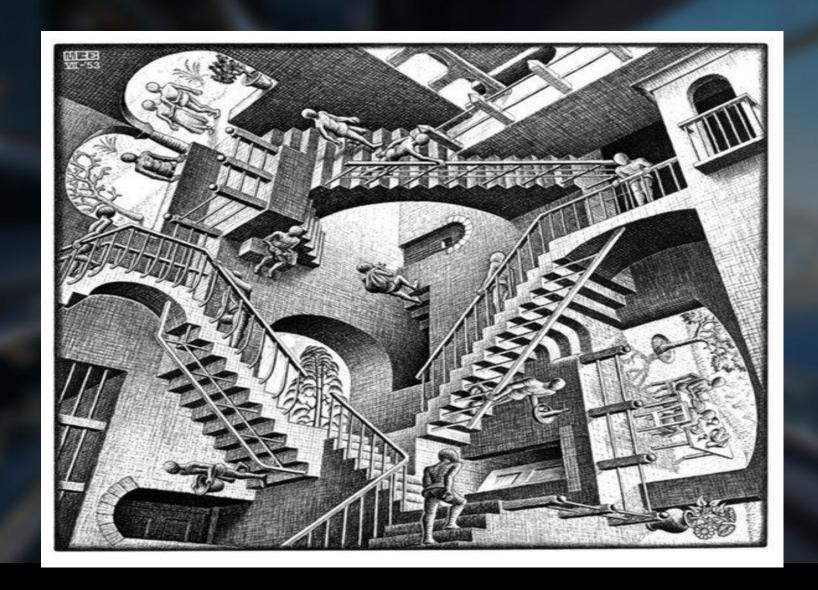
rom the side the panel shapes need to go im they are Air intakes for the engines.



Let the angle of the back flap be more angeled like the mockup model.

Complete, accurate but simple briefs

- No room for interpretation
- Avoid redundant info
- Avoid (localized) text



KIN ASSET

NAME: Airco Unit

TYPE: Destructible Prop

DATE: 20060309 VERSION: 1.0

OWNER: Erik ENV: URBAN

ART BUDGETS

Triangles: 400-800 Textures: 256 Kb Equivalent 512 x 256

UV:

Shaders:

GAMEP' AY INFO

Cover... N

Physics: Y (shoot off)
Destructible: Y (3 states)

Interactive: 1

EFFECTS FO

On Hit. articles
On Destroy 1 ticles

SCUND INFO

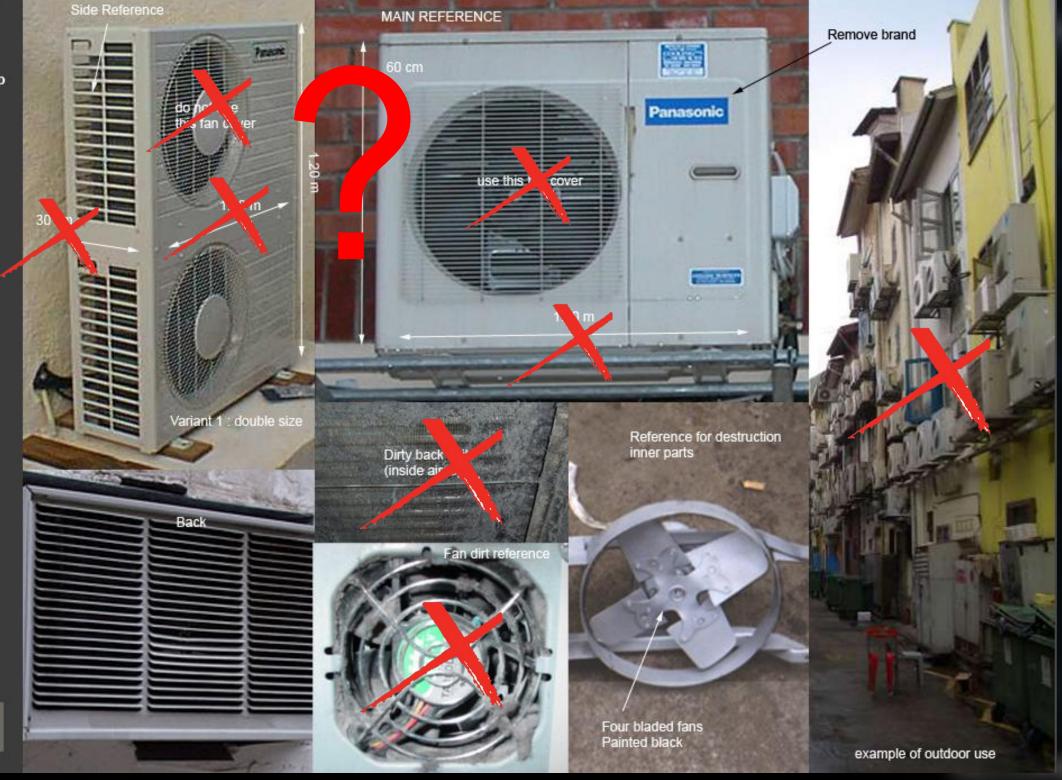
Airco Blowing Sound Impact Sound Break Sound

VISUAL DESIGN INFO

Variations: single and double unit

Mini props: connection braces for wall manning of units.

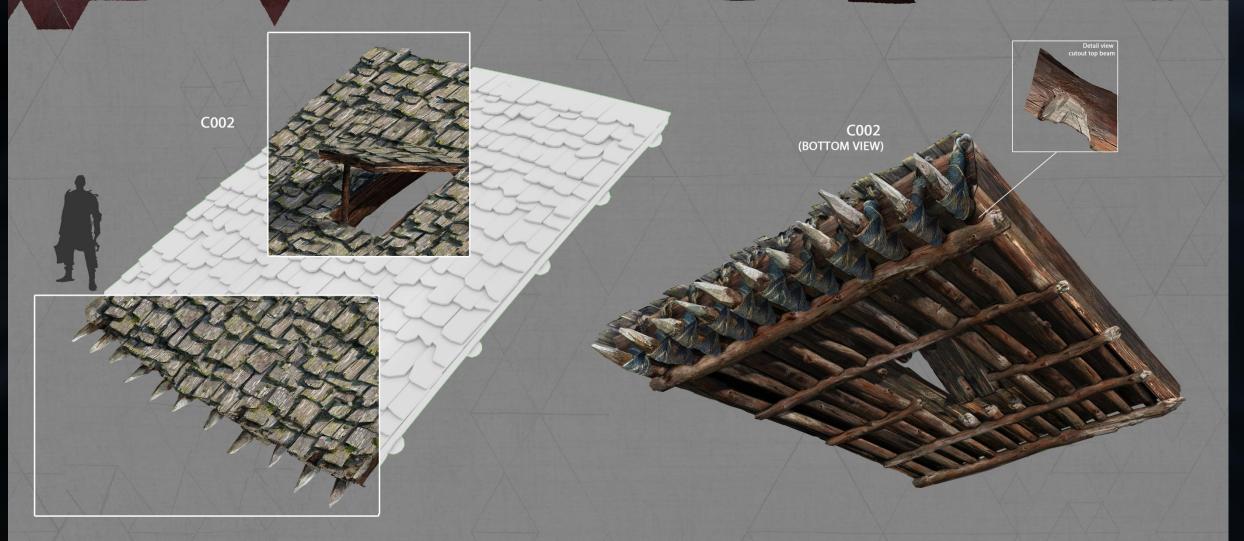
COLORS



For internal use only

//depot/HRZ/NIP/Assets/work_files/Models/Building_Blocks/Nora/Roof/base/Roof_b012.mb Nora Alanay Cekic

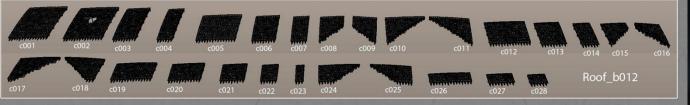








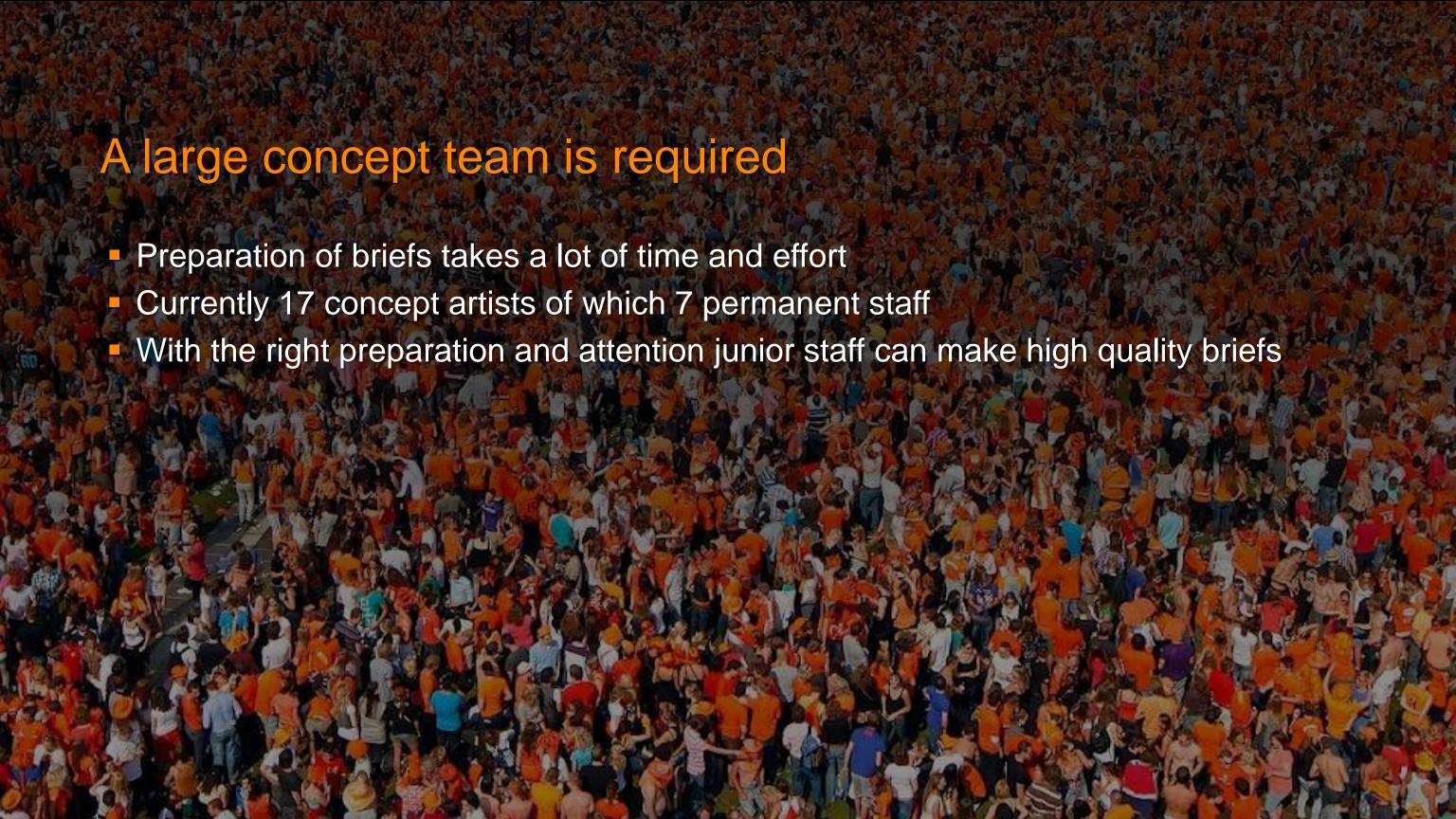
Component overview



A large outsource track is unwieldy

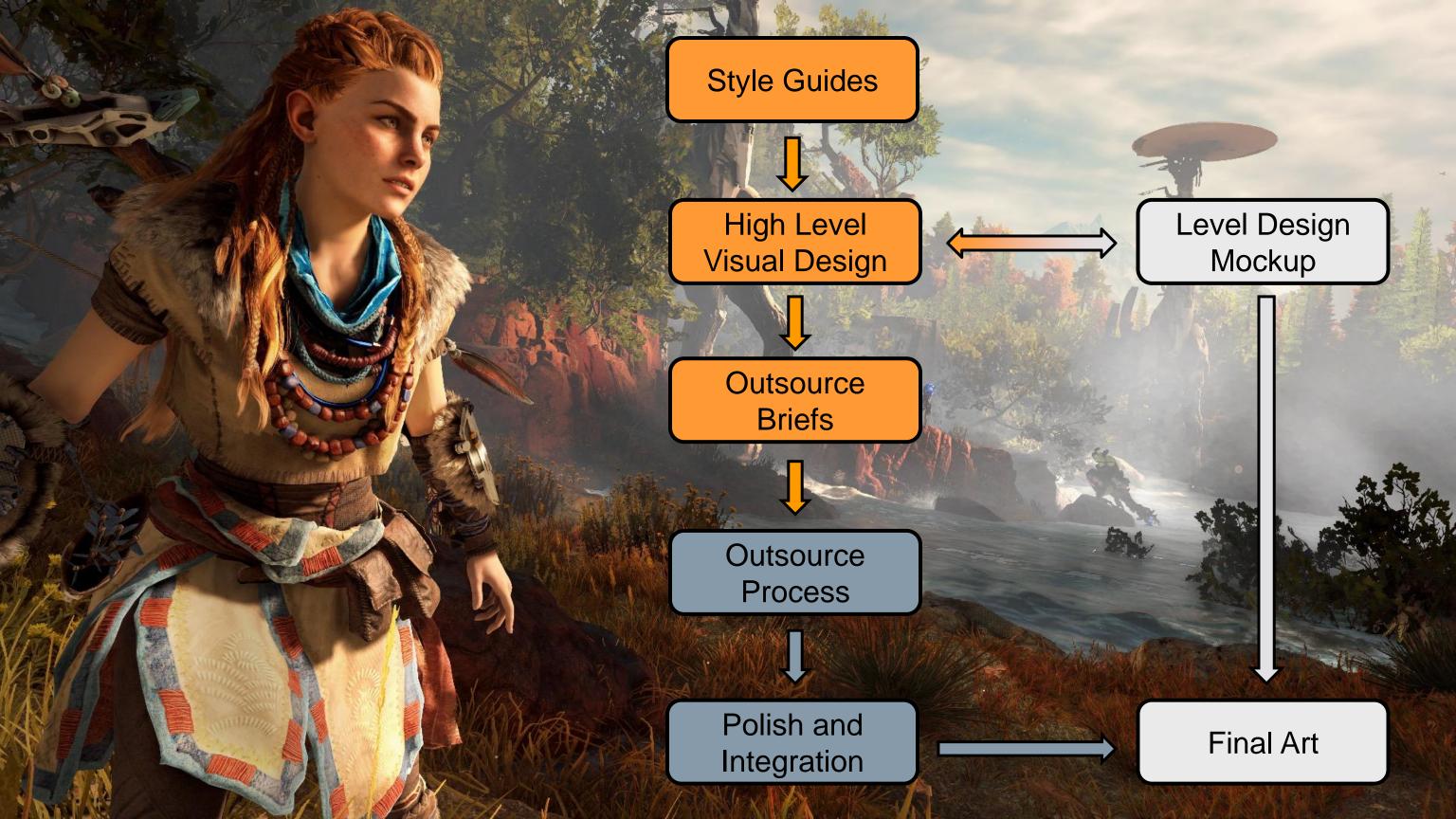
- Takes time to ramp up
- Hard to change coarse
- Once going, it needs to be fed





Outsource pipelines are longer than they appear

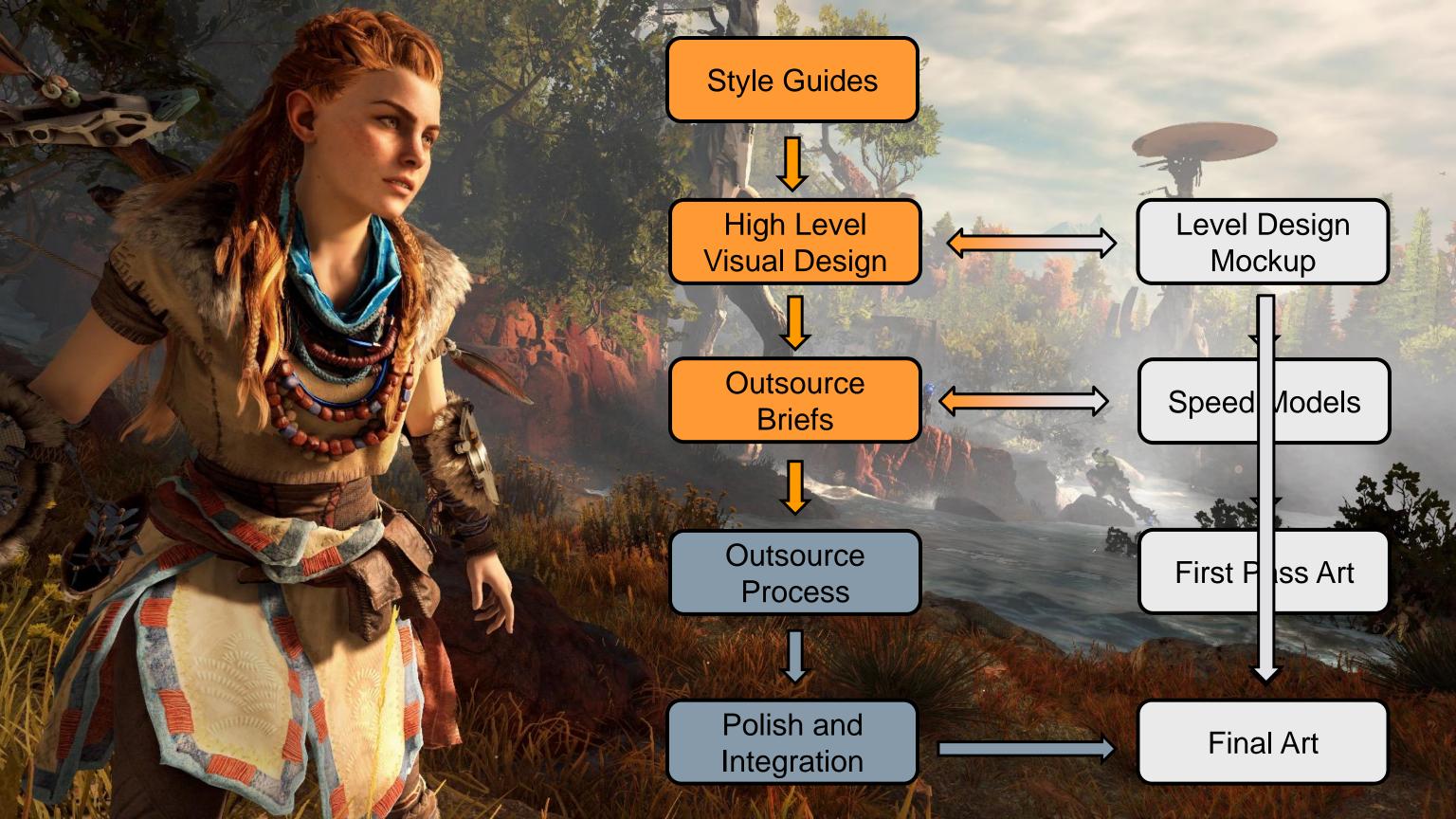
Style Guide	2 months
Briefs	1 month/batch
Touchups	1 week/batch
Outsourcing	2 months
Integration	1 or 2 weeks
Total	~6 months

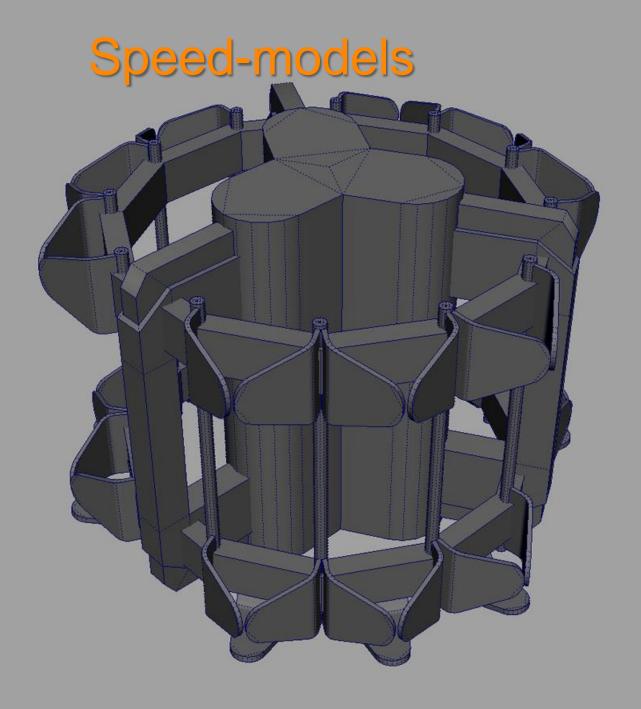


Comprehensive style guides

- More important with new IP
 - IP less understood within studio
- Multiple disciplines involved
 - Concept design
 - Narrative design
 - Game design
- Split ideation from production
 - Explore ideas during creation of style guide
 - Style guide sacred during production

- Anthropology
 - Culture and history
 - Natural environment
 - Symbolism and art
 - Believes and religion
 - Manufacturing techniques and materials
 - Etc...







Speed-models

- For briefing of overall shape and dimensions
- Environment artists can start building environments
- Environment artists can influence assets
- Performance and budgets.
- Hopefully reduces waste
- Potential bottleneck

Summary

Lessons learned

- Lack of quality is usually your own fault
- Briefs need to be complete, accurate but simple
- A large outsource track is unwieldy
- A large concept team is required
- Outsource pipelines are longer than they appear
- Comprehensive style guides split high level ideation from production
- Speed-models help both in-house environment art and outsource briefing

