



Bath House Pier Play Area



Background



Designing with PiPA & Six Senses of Inclusive Play

Plan inclusive Play Areas (PiPA) is a toolkit that Kristina created with KIDS charity, Occupational Therapists and Landscape Architects. This has been championed at political level and is now part of the Government's Accessible Britain Challenge as well as the Design Council, and hailed as a good practice document.

We use the PiPA toolkit to help inform the design process, along with the Six Senses of Inclusive Play as we understand that sensory play is vital for all children's development, but is often omitted from regular community playground designs, in favour for a focus on physical activity. We believe there has to be a balance. The aim of the PiPA Checklist and Inclusive Play as a whole is 'invisible' inclusivity. By letting social and physical barriers disappear in our playgrounds, we provide a change for equal play opportunities for all children whilst allowing them to go on a journey of discovery in a safe and controlled environment.

About us

Innovation is a core value at Jupiter Play. The family behind the brand is passionate about supporting great design and championing new technologies and innovations in the industry, with the aim of inspiring people of all ages to be active and make the most of their community spaces. As an independent consultancy, Jupiter Play's award-winning design team can offer advice on how to develop your play or sport project, without the constraints of being tied to one brand.

Every play, sport or community area will have a unique requirement, such as an aesthetic or character of the location. As we offer such a comprehensive range of products with an equally extensive portfolio of case studies, that reaches every aspect of a playful and active living, we decided to create the six key themes to guide and inspire you for your next play area or sport project.



Understanding Disability and Special Needs

Jupiter Play have a very close working relationship with Inclusive Play - having established the brand in 2006.

Jupiter Play first set up Inclusive Play in a response to the lack of knowledge and products available in the play sector. We felt it was hard to deliver truly inclusive designs as products were designed specifically for physical disabilities and were not the most attractive items. It was at this stage Jupiter Play engaged Barnardo's and started a consultation process to see what the challenges were and how they could be overcome with great product design. That is when Inclusive Play was born.

It is now an independent brand exporting to countries all over the world, including Australia, Russia and across Europe. The success of Inclusive Play is because it is a company completely dedicated to understanding the wide spectrum of disabilities and special needs. Inclusive Play engage specialists, such as medical professionals, charities such as KIDS the Disabled Children's Charity and most importantly families and their children. Jupiter Play work very closely with the Inclusive Play team and our Marketing Manager, Kristina Causer was previously General Manager for Inclusive Play and has brought with her knowledge and experience that is invaluable to us and our clients.

Understanding Inclusion

1 in 20 children under the age of 16 has a special need or disability. The range of these disabilities and special needs is far wider than mobility needs and wheelchairs, in fact many children with a disability will have more than one disability. Our mission is to create play spaces that meet the needs of all children.

Jupiter Play is proud to work with Inclusive Play as their primary partner in this field. They have a unique product portfolio and are trailblazers within the play industry for transforming attitudes to inclusive design. The Inclusive Play partnership is a key part of the Jupiter Play brand and provides expertise to help guide our clients through inclusive design.

Site Survey

This site sits in a seafront location, less than 1km to the amusement pier and Changing Places facilities. There are good access routes between the train station and the Naze due to good bus routes. The site has direct access to a sandy beach and is near to a caravan and camping park which has inclusive facilities. It's also worth noting the site is close to residential areas.



Inspiration



The concept for this design is to recreate the traditional seaside theme complete with pier, reflecting the second longest pier in Great Britain at Walton on the Naze, as a fully inclusive sensory play space for the whole family to enjoy. The local area of Walton on the Naze provides a wealth of inspiration for the design such as the miles of clean sandy beaches, glorious natural features such as the acres of rich grasses at the top of the cliffs as well as the wildlife, particularly the seals which attract thousands of visitors to the area and of course not forgetting the Naze tower.

The research has informed the design process helping us to create a sense of place, which is totally unique to Bath House Meadows and the Walton on the Naze community. This is not an identi-kit playground, but a design that reflects local landmarks and design characteristics, including the colour palette of the local beach huts with special reference to the Changing Places facility.

Within our design you will see elements that reflect the site, for example:

- The local Changing Places beach hut facility has provided us the colour palette for the new design helping to tie in the new with the old, repainting where possible and adding it into the new pier design. This captures the essence of the traditional seaside town.
- A completely bespoke pier designed uniquely for this scheme, capturing the character of the beach huts and colours as well as a large tower, designed with a hint to the iconic Naze tower.
- The pier also includes seagulls perched on the posts that offer tactile and sculptural character. There are numerous other sculptures dotted across the area for children to find, complete with Makaton symbols to assist in communication and development. Other wildlife local to the area are of course the seals and these are found as springers over on the 'dry' land overlooking the pier.
- We have also captured the essence of the seafarer's life by creating a miniature version of the famous James Stevens No. 14 Lifeboat. This provides low level play experience to enable the less confident child to interact with themed play, without being at the center of the hectic play and also allows them to observe other children at play too.
- Inspired by the Changing Places facilities around Walton-on-the-Naze we've used the pastel colours throughout the design to evoke a sense of place and continuity with the surrounding area.



Moodboard



POSTCARD



Wish you were here!



TO THE LOOS



Seal Springer

TO THE BEACH HUT



Seagull Springer

Sand Pit



Seagull Springer

BATHHOUSE PIER

Bespoke Unit



Audionic



Kinetic Wheel



Wheelchair Access Ramp



Minisphere



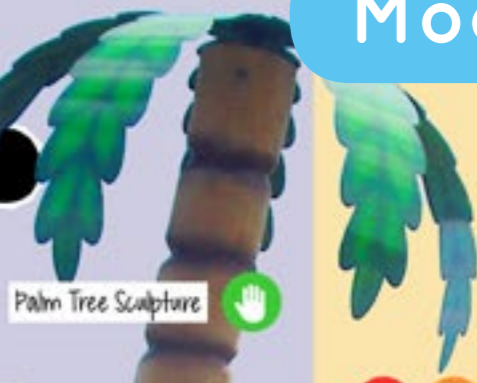
Scramble Net



Strong Man Cut-out



Seagull Sculpture



Palm Tree Sculpture



Tin Can Alley



Turbo Racer Play Panel



Fun Reflections



Helter Skelter Tube Slide



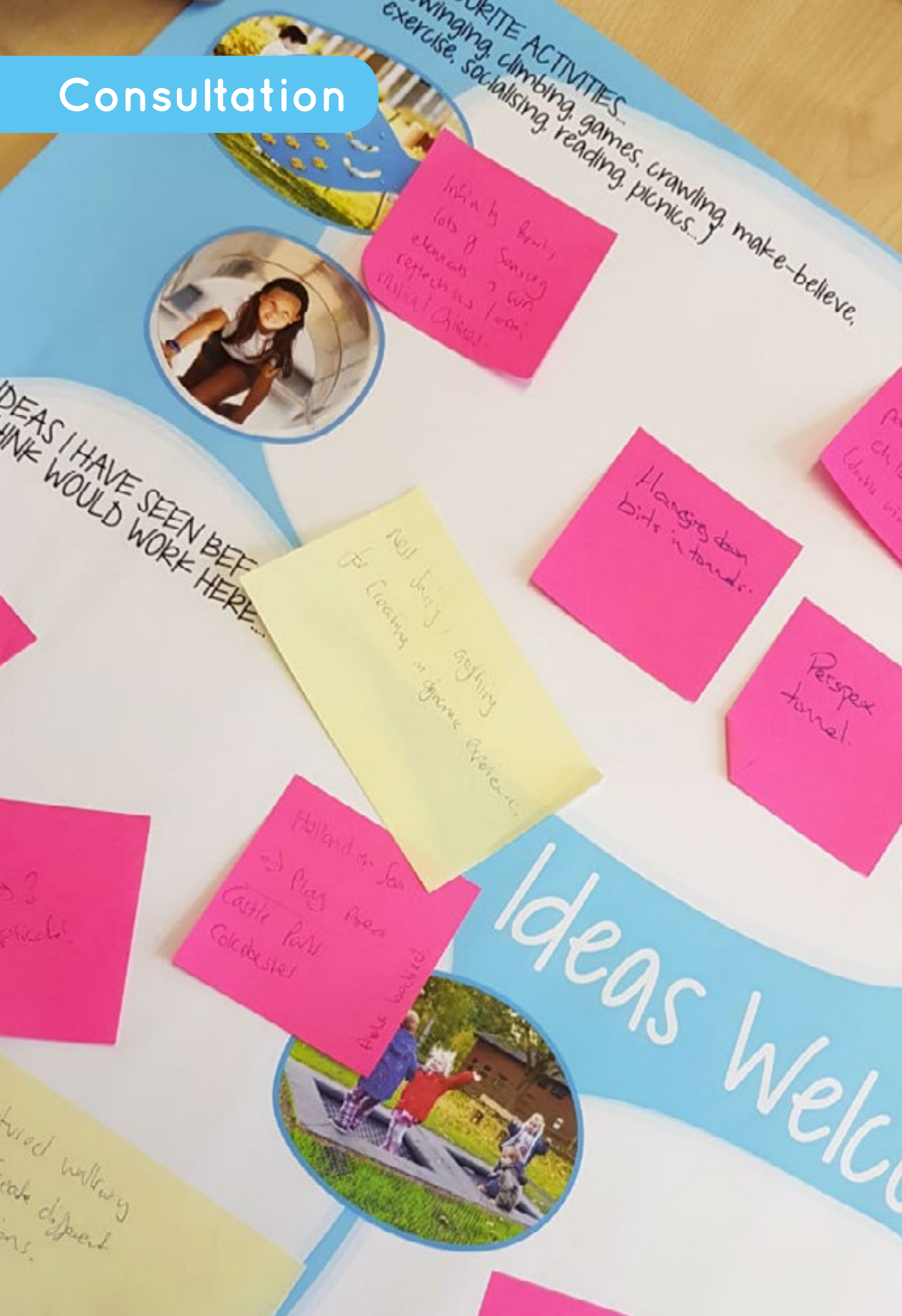
Rammaker



Inclusive Play



Consultation



Consultation for Bath House Meadows Play Area

It is particularly important when designing an inclusive space to cater for a variety of ages and abilities. For this project we have already connected with a number of groups to gain valuable feedback from families who are local to the project and will stand to benefit the most from this provision. We felt that it was necessary to consult at the design stage as we are catering to specific needs and disabilities and personal insight is a valuable part of the design evolution and future success of the project.

Parents Evening at Shorefields SEN School.

As part of our consultation process for Bath House Meadow, we consulted with parents from Shorefields School so we could get a better understanding of their needs. This consultation was beneficial as it gave us valuable feedback on what kind of activities they thought would be beneficial to their children. The main responses from this consultation are highlighted below:

1. Nothing currently in the area suitable for children with special needs and disabilities
2. Parents would happily plan and make a trip to visit an inclusive play area
3. Lots of sensory play elements are required
4. Particularly interested in mirrors and musical items
5. Definite needs for completely accessible items such as nest swings and ground level roundabouts
6. Importance of access for parents with their children e.g. double width slide
7. Ensure the space was enclosed so they could locate a child easily if necessary
8. Letting children have the experience of height in a play area

Essex Parent Carer Forum

There is a new parent carer forum being established for Essex and this is being led by Contact a Family. We have been working with Contact a Family via consultation to reach out to families in Essex and to help inform our design. This has also included engaging with Essex Local Offer Forum. Feedback from this consultation was similar to Shorefields School, where it was obvious that there is a real need for this type of play facility in the area. Accessibility and sensory play again were high on the agenda. Jupiter Play has worked closely with a couple of families through this network for feedback on our ongoing design. Some of the design amendments included:

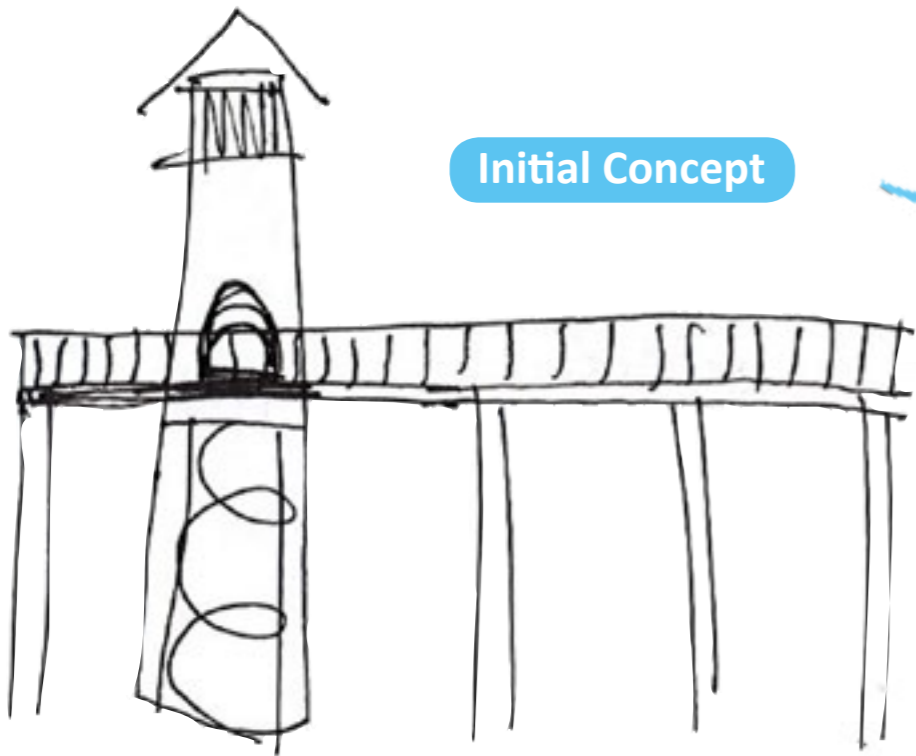
1. Crawl area under pier
2. Accessible steps to the pier for toddlers, and for people with partial mobility to give them the opportunity to climb with support if necessary
3. Trampolines were mentioned several times
4. Positive feedback on having 2 different slides in our design; this ensures all abilities have a challenge suitable for their specific needs, as well as minimising hold ups and queues on popular items within the play area

Summary

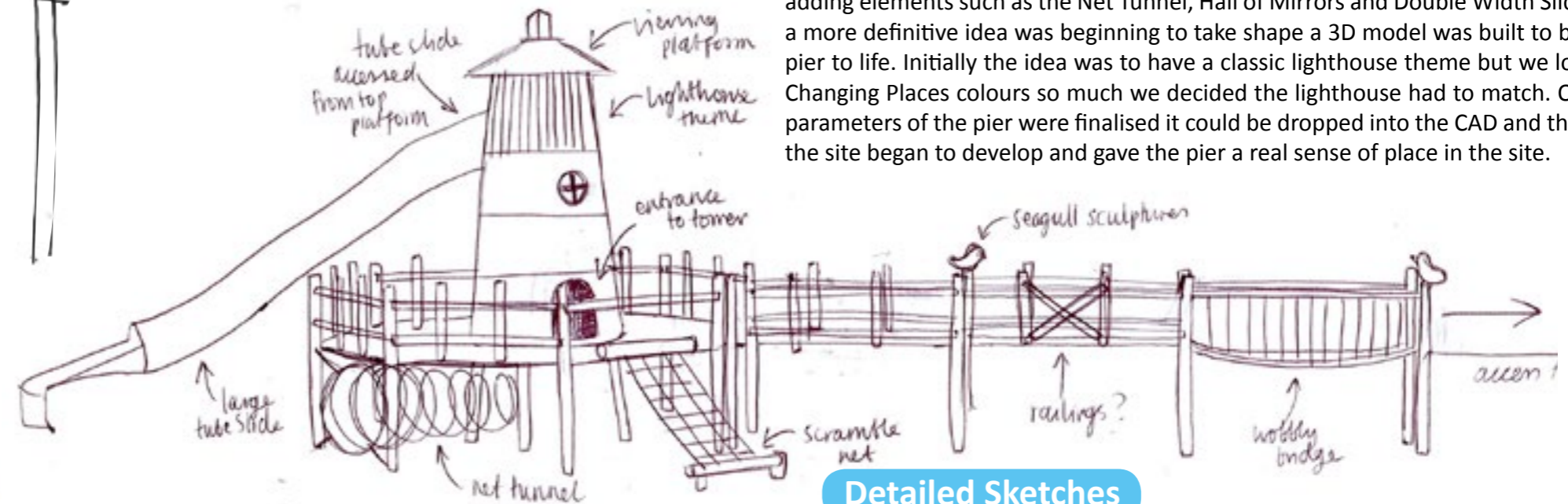
To ensure a play area engages the widest possible audience, it is crucial that key stakeholders are involved in every step of the process. Involving local communities and families in projects is essential to ensure that play areas that we deliver are sustainable beyond the development stage. Working with a range of people with experience with disabilities can highlight issues and opportunities that will affect everyone who uses the space. To summarise, the benefits of working with local families is invaluable. This process has also helped raise awareness of a really sought after provision that has also made the community aware that Tendring are committed to delivering inclusion.

Evolution of the design

Initial Concept

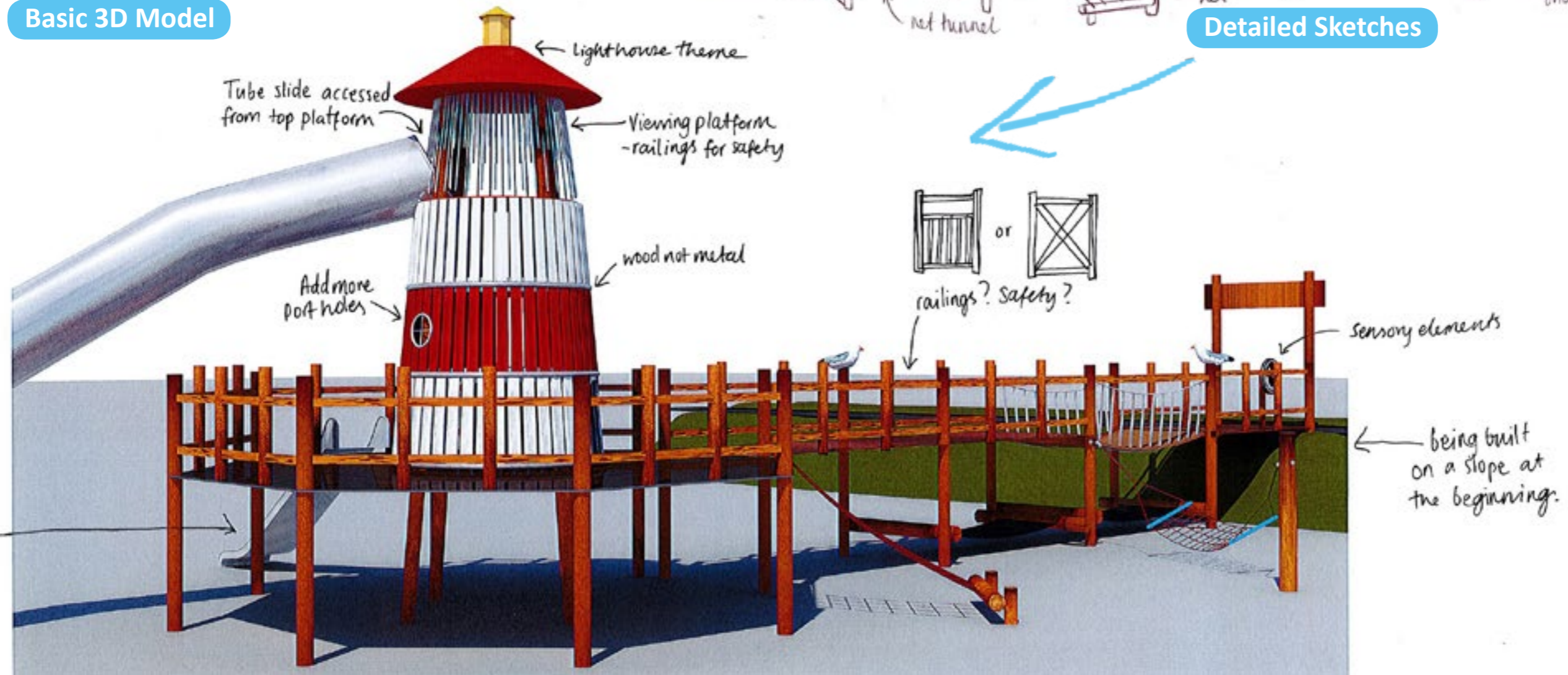


The primary focus of this project was the design of the bespoke unit; a lot of time was spent carefully developing this element into a feature the community could be proud of. We decided a pier would be the perfect concept to develop into a fully inclusive, bespoke play structure. After some initial sketches to get an idea of the elements we could build into the structure a consultation with the community was held to get ideas directly from the users. This consultation led on to further development of the pier, adding elements such as the Net Tunnel, Hall of Mirrors and Double Width Slide. After a more definitive idea was beginning to take shape a 3D model was built to bring the pier to life. Initially the idea was to have a classic lighthouse theme but we loved the Changing Places colours so much we decided the lighthouse had to match. Once the parameters of the pier were finalised it could be dropped into the CAD and the rest of the site began to develop and gave the pier a real sense of place in the site.



Detailed Sketches

Basic 3D Model



Final Design



Views across the playground, the surrounding area and the coast.

Access to lighthouse tower

Ahoy matey! Climb aboard!

Ride on the James Stevens Lifeboat

Yo Ho! Let's go!

Sculptural Palm Tree

Take a spin in the whirlpool wheelpsin!

Accessible ramp to play area

Suggested sensory planting

Final Design



Translucent pastel perspex roof creating a beautiful sensory experience accessible via a wide-set spiral staircase

360 views across site

Swing and balance on the rope swing!

Bounce on the Trampoline!

Listen to tales of the sea from the Story Ball

Seal Springers

Play with the sensory elements located on the pier deck

Wheelchair accessible wobbly bridge

Challenge yourself climbing the scramble net

Crawl through the "Lobster Pot" net tunnel

Final Design

New Play Area

Existing Play Area

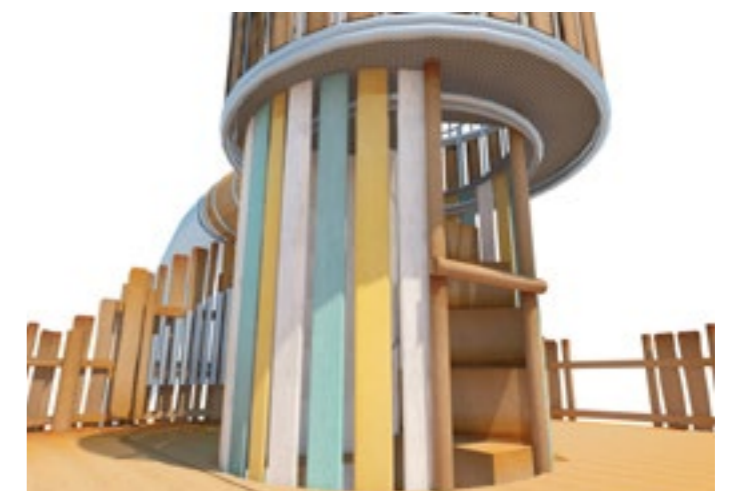
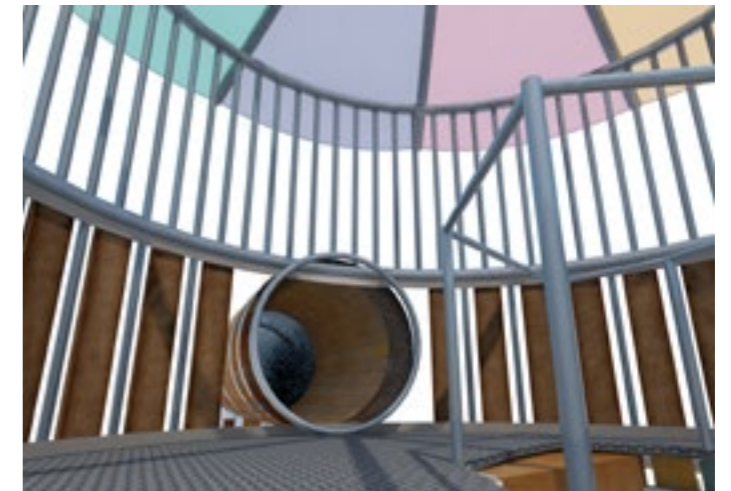
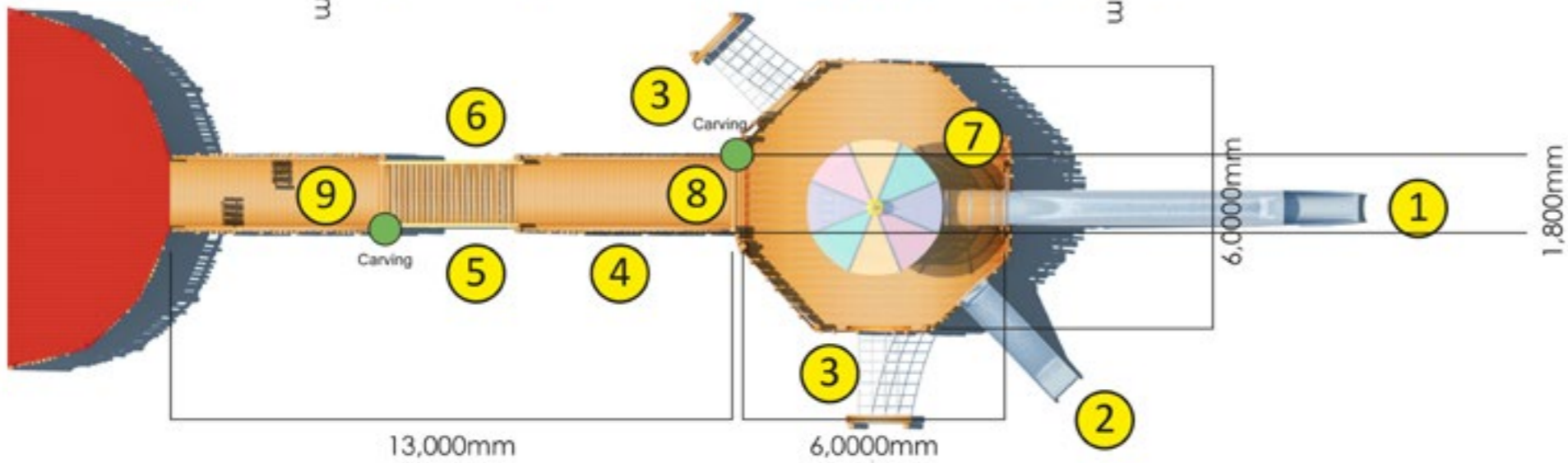
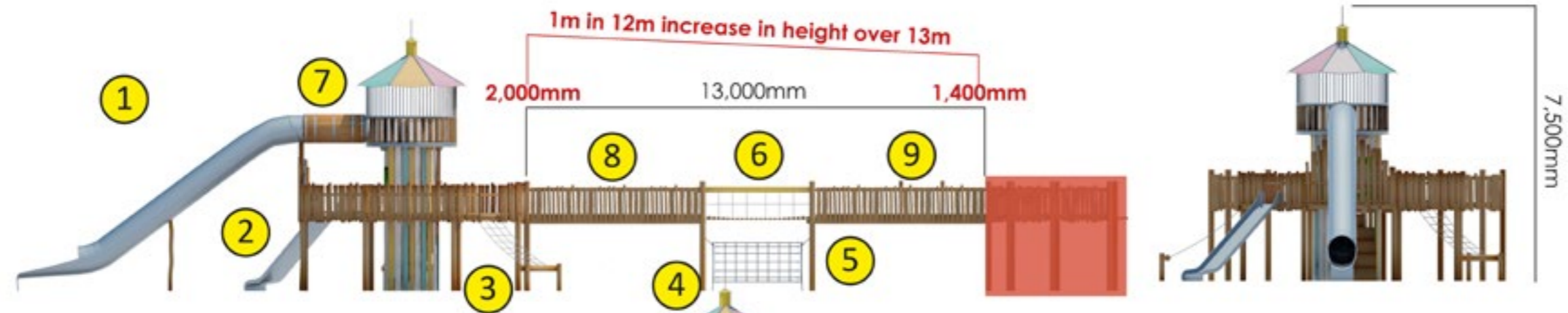
Pavement

Hall Ln

Suggested Road-side barrier

Existing Stepped access





Adventure Island

Sit-up Swing Seat

Tango Swing Seat



Swing frames painted to match Changing Places colours

Makaton Posts

Stepping Posts

HDPE Orbs

Pathway linking access gates

Lighthouse Climbing Net

MPU repainted in Changing Places colours

Enhancing the existing provision

The existing play provision offers a lot of physical and dynamic activity which will provide a great themed space, we are calling it "The Adventure Island". This area is already surrounded by a wave fence and through a community engagement activity this fence line could be painted blue to create the feel of the sea, enhancing the island character.

One of the most important factors to increase the accessibility of this space is to include a pathway that links the two spaces together, this also increases the connectivity of the two spaces making them work in harmony together. The walkway will form an 'Island Promenade' and we are suggesting palm trees to be brought into site to help create that holiday adventure getaway feel.

The existing space currently lacks some sensory play and with an anticipated increase in footfall we also felt that toddler provision would be lacking and have included a range of new activities to engage young imaginations.

Bespoke Design

The main value offered to this project is our vision to create an entirely bespoke design that uniquely ties in with the character of Walton-on-the-Naze and will not be captured anywhere else in the UK. It also is designed with the expertise of inclusive design and engagement with families with children with special needs, already proven to be successful at Hylands Park in Chelmsford, designed and installed by Jupiter Play in 2013. However this is also a design that respects the value of the existing provision and it is our role as designers to enhance the provision and maximise value for money by repurposing and reinvigorating where possible.

New Equipment

To enhance what is already there we propose to maximise the toddler provision by incorporating a little lighthouse tower sensory and climbing play as well as the tactile and musical orbs along the Island Promenade. We also felt that balancing is a missing play activity and have included the FHS stepping posts which are great for climbing and seating.

We have been mindful not to add too much in, as we wanted to ensure there is still clear access to the Nest swing, which offers a really great piece of inclusive dynamic activity.

FHS Value for Money: Ease of maintenance and likely volume

At a time when other suppliers are driving down the specification and quality of their products, FHS have maintained the same high level of quality. As a result of this we can prove that the FHS product is extremely durable and requires minimal maintenance.

Later in this document you will see a full break-down of the cost of spares which over the last 7 years has totaled the low value of 0.2% of the cost of sales.

FHS are committed to ease of installation and maintenance through their use of universal fixings. We store the complete range of fittings ensuring we can respond quickly to any spare parts/maintenance requests, should they arise.

Existing Equipment and Refurbishment

Through careful inspection we believe the existing equipment is still fit for purpose and just requires some TLC to bring it back to its former glory and tie in with the new design. By using the Changing Places colour palette, as we have suggested on the pier, we aim to use the green, yellow and blue to repaint and refurbish the swings and SMP multiplay unit which will help to tie it with the new space.

In addition, we are also proposing to replace 2 of the flat seat swings with a large sit up swing, this will allow disabled children to access a supportive swing seat, but it is just as fun for group play for any child. This swing seat is large enough for a parent to sit with a child too, helping to increase intergenerational play and activity. We are also making a similar proposal to add the Hags/SMP tango seat to one of the cradle seat bays, this is a new innovation which allows a parent to face their child or for two children to face each other in play, making it a social fun space.

Value for money



Originality

Bespoke Pier Structure

The entire concept of this design is inspired by the local area and has never been created for another site in the country. The detail such as colour, style and play value elements have all been drawn from the local sites and cultural features. In addition, the Bath House Pier is a bespoke design with complete inclusion in mind. The primary access for the pier comes from road level, and features a long walkway with a wobbly bridge leading up to the feature Naze Helter Skelter tower, complete with viewing platform, translucent panels to create soft dappled lighting at the top as well as an impressive tube slide, which takes users to the bottom level of our play area.

The consultation carried out so far led us to ensure we had included lots of sensory play elements, such as musical chimes, mirrors, 3-to-connect game and the interactive kinetic powered Gamenetic, to provide the game play and sounds traditionally featured on a pier. A double width slide was also an important feature to include to ensure parents or carers could slide down with their children.

Another notable dynamic activity is the wobbly bridge that is fully accessible and will allow all children to feel a gentle movement under foot or under their mobility device. This is a feature we used at Hylands Park in Chelmsford and was highly popular, so we felt this was important to include in the new design.

Under the pier there is the 'lobster pot' net which allows children to crawl, balance and hangout and makes use of the space under the pier structure. It is also possible to access the Naze Helter Skelter from under the pier with wide accessible steps with a handrail, allowing children with limited mobility but still able to manage stairs with support to access the central tower.



Interactive Play

We have incorporated a range of interactive products that are exclusive to Jupiter Play in the UK. All of them require no electrical connection since they are powered through Kinetic energy.

Gamenetic

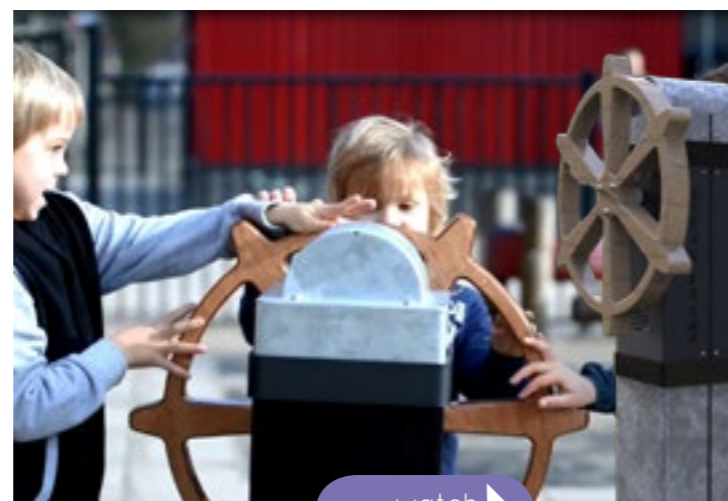
The Gamenetic represents all the fun of the fair. Pump the pedal as fast as you can to power it up. Flashing buttons and an LED screen allows multiple users to compete in fun games.



watch the video

Kinetic Wheel

Steer the ship using the Captain's Wheel to hear the sounds of the sea, splashing of the waves and cries of the crew.



watch the video

StoryBall

Spin the handle to power up the ball preloaded with a choice of stories and music. This can even be tailored to local content.



watch the video

Refresh it!

The content for the Kinetic Wheel and Story Ball can be updated as much as you wish. It's as simple as swapping a USB (content must be in mp3 format).



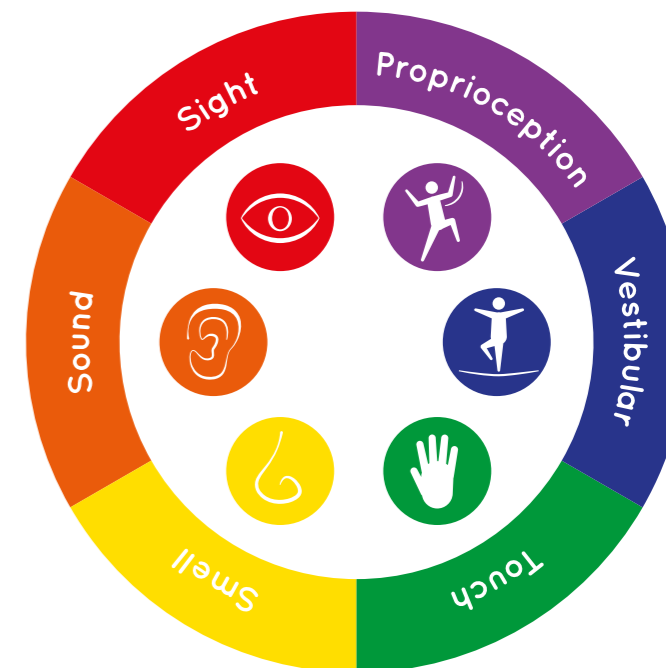
Inclusive Play

The aim of this project is to create a fully inclusive play space, taking into consideration a range of special needs and disabilities as well as offering challenge and development for children and families who may not live with a disability. When working on these types of projects we always work with the 6 Senses of Inclusive play to inform the design and product mix.

Sensory Play Wheel

Sensory play equipment and environments are critical to a child's development. Research has shown that sensory play builds nerve connections in the brain's pathways, which lead to the child's ability to complete more complex learning tasks. Sensory play also supports language development, cognitive growth, fine and gross motor skills, problem solving skills, and social interaction. This type of play aids in developing and enhancing memory too. Sensory play is also a great for calming an anxious or frustrated child, and helps children learn sensory attributes.

The sensory play wheel reflects many of the comments from the feedback in our consultation sessions, which has enabled us to select a product mix directly reflecting the wishes of the local community.



Inclusive Play PiPA Checklist & Assessment



The PiPA checklist is essentially an audit for anyone assessing a planned or existing play provision to create fully inclusive outdoor play areas. With the combined expertise of our design team and our partners at Inclusive Play we have created a fully accessible play area for Bath House Meadow which has passed the Inclusive Play PiPA assessment. Please find a copy of this assessment attached.



Variety



Sound

The human sense of hearing is attributed to the auditory system, which uses the ear to collect, amplify, and transduce sound waves into electrical impulses that allow the brain to perceive and localise sounds. Engaging this sense is an important part of cognitive development.

Why is it important?

Sound play, whether via musical play or making a noise, helps children to learn and how to concentrate and focus on a sound. Musical play has the added benefits of developing gross motor skills, coordination, language, and even has been linked to an increase in IQ! But even more crucially, it engages children who cannot rely on visual cues in play.

Examples in our design:

- KWP001 Kinetic Wheel
- IP501 Music Ball
- IP14 Rainmaker
- GP72C Gamenetic
- IP05 Orb HDPE



Smell

Our sense of smell is one of our most sensitive senses. Smell and taste contribute to our enjoyment of life by stimulating a desire to eat which not only nourishes our bodies, but also enhances our social activities.

Why is it important?

Smell and taste warn us of dangers, such as fire, poisonous fumes, and spoiled food. Studies have shown that 75% of emotions are triggered by smell which is linked to pleasure, well-being, emotion and memory. For people who are deaf/blind the sense of smell plays a key role in identifying people, places, objects and activities. Although we have not included any play items to stimulate your sense of smell, we have suggested some Sensory Planting within our design scheme. As in designing any garden, plants have been selected that will thrive in the coastal environment.

Examples within our design:

- Angustifolia Hidcote Lavender



Vision

Vision is our most dominant sense, taking up 50% of our brains resources. The definitive purpose of the visual process is to arrive at an appropriate motor/ and or cognitive response.

Why is it important?

Our sight is far more than looking and seeing, it relates to perception, memory, tracking an object in motion, coordination (hand-eye) and spatial awareness amongst many others! For a child, visual play is often the start of literacy, identifying objects, patterns and movement, all of which relate to how we learn languages.

Examples in our design:

- IP305 Fun Reflections (concave and convex)
- IP302 3-to-connect
- Bespoke Pier Roof



Touch

Touch is the second most dominant sense. This Tactile sense helps us to differentiate pressure, texture and traction and is an important way for us to monitor temperature and pain.

Why is it important?

Our sense of touch allows us to receive information about our internal and external environments, making it important for sensory perception. Having a functioning tactile system is beneficial as we will not get distracted by the ongoing tactile information we receive everyday (like the clothes we wear, getting washed, eating etc.)

Examples within our design:

- IP05 Orbs
- 83000001-01 Bespoke Carved posts
- Sensory Planting - Long Grasses
- FAC22 Lighthouse with Net



Proprioception

Proprioception is an awareness of self and joints; it enables us to know where our limbs are without having to look, for example driving or riding a bike.

Why is it important?

Proprioceptive activities engage both the body and the brain and are highly beneficial to people of all ages and abilities as it keeps body and mind engaged. This can be a key area of development for a child with a sensory processing disorder (SPD) or with any neurological damage or development disorder.

Examples within our design:

- Trampoline - Fully Inclusive
- Activities that include push/pull and loads the joints
- Existing multiplay unit on Adventure Island
- Existing Berliner Net
- Scramble Net
- 901330100R Rope Swing
- Lobster Pot Tunnel



Vestibular

Awareness of body balance and movement are monitored by our Vestibular system. The Vestibular sense responds to a change in your head position or having your feet lifted off the ground. It also contributes to balance and equilibrium

Why is it important?

The vestibular is essential for healthy brain development as well as helping us all maintain balance and trunk control. It also helps visual motor skills, for example tracking an object while moving. Some children are unable to engage the vestibular like others - for example children who are blind or with some type of visual impairment; physically disabled children, or those that have a sensory processing disorder.

Examples within our design:

- Wheelspin
- Trampolines
- Various types of swings – FHS Rope End Swing, Existing Swings

Variety

Proprioception



Smell



Vestibular



Sound



Sight



Touch



Track Record

Over the years we have delivered a vast number of Bespoke FHS and Inclusive Play projects for clients across the UK, from large local authority capital projects, SEN schools to working with hospices and short breaks centres. Each of these projects has enabled us to learn more about the vast array of disabilities and special needs and how to design sensitive, well planned spaces that offer a great amount of sensory stimulation and a choice of challenge to suit each child at their stage of development and ability.

We are also careful not to alienate other family members, so when we refer to inclusion we refer to providing a well balanced play space, that offers the challenge that may be required for a non-disabled sibling but a variety of other choices for children with special needs. This is why we choose to work with the PiPA toolkit (developed by Inclusive Play the only company focused on inclusion and disability in Europe) and since 2014 we always use this tool when developing our inclusive spaces.



Waterwise Play Area, Worthing Value £130,000

West Parade in Worthing is close to the town centre and has a sculpture garden and bowling green nearby. It lacked a family friendly facility that would encourage more families to make the most of the beautiful coastline in what was a relatively unused stretch of coastline. Adur & Worthing wanted to create an inspiring themed space that would ignite young imaginations and also provide a relaxing family setting.

The location of the play space is overlooked by a residential area and this project had to be carefully planned to be sensitive to both the environment and to avoid obstructing the views from the residents homes. The entire play area had to be built directly onto the beach, which required a highly porous concrete foundation and products that could withstand the wet conditions and cope with the extremes in temperatures. This is why the FHS robinia collection is the best solution as the density of the wood means it doesn't absorb water and will not rot. Once the technicalities of the site had been dealt with the next step was to create an imaginative inclusive space with lots of sea references, sculptures, sensory play elements and large play structures to engage a wide user group.

The project has been an incredible success. This was a space that had low visitor numbers and only really attracted dog walkers and residents. Now it is a popular destination, so much so that Adur & Worthing now lease out a space next to the play area for a small coffee cart, which has attracted a good source of revenue funding for the play area and the council.



Tŷ Hafan Hospice, Wales Value £250,000

Tŷ Hafan is one of the UK's leading paediatric palliative care charities and offers the only children's hospice service in south Wales.

With this type of care in mind the team at Tŷ Hafan had a completely clear vision; a space where families could enjoy their time together like a regular family without worrying about the future. The area had to cater for the most complex needs and fragile children and allow them to play as freely as possible.

Tŷ Hafan is situated very close to Sully Bay and the requirement was to create a really special structure that had relevance to the area and would be unique to the hospice.

The main focus, however, was on the life-limited children, the young people and their families in the hospice so they can make the most of the time they have left together. Working closely with the hospice, and also partners at Inclusive Play, we had a much better understanding of this unique environment and the children within it to create a sensitive design solution that would allow families to play together.

The outcome was more than we all could have hoped for, with some children experiencing sensations they never had done before. It is a project we are truly proud of and showcases the benefit of working with an independent design consultancy.

"The playground is a dream come true for children in wheelchairs. Lewis is quite movement-dependant so the playground is a fantastic facility for him to not only have fun, but it also helps to relax and soothe him".

Mum, Nicola Smith



Track Record



Hylands Park Chelmsford Value £190,000
Listed as a PiPA site on the PiPA Map

Jupiter Play and Inclusive Play worked together with Chelmsford City Council, Essex County Council and FACE (Families Acting for Change in Essex) to create a WOW play space that was completely wheelchair accessible as part of their vision to provide more quality and equal play opportunities for children. The requirement from the families was to give children with special needs a chance to access really high points and have a feeling of elevation and risk that they may not ordinarily get to feel.

The client was keen to create a unit that would allow children to be elevated 2.5 meters off the ground. A tall order when meeting the regulations of a 1:12 slope for accessibility. This was a challenge Jupiter Play could meet, as our partners at FHS have the expertise and knowledge in creating bespoke products that meet all regulations and this allows Jupiter Play to focus on the creative design work.

The dominant castle façade stands at 2.5m high; behind it there are a plethora of play activities hidden behind the walls. The focus was giving children with special needs play opportunities, but a completely inclusive design was created that offered challenge to all children, regardless of need or ability. Nets, slides, ramps and sensory play are all featured around the castle wall. Working together with Inclusive Play ensures that we always keep a balanced view of the wide range of needs children have and how we can offer the maximum play value for everyone.

“Jupiter Play’s work on the project has been very creative, innovative imaginative. Jupiter understood what we wanted with the overall aesthetics of the unit. The product on site reflects this and meets our expectations.”

Lyn-McLay-Kidd
Landscape Officer at Chelmsford City Council

Facebook Review:

“We love it at Hylands! We have two children aged 10 and 4, their needs from play equipment are quite varied as our youngest has severe autism. He particularly likes climbing, the slides and the sensory elements”.

Vicky Faulks (January 5, 2017)

Method Statement: Quality

Quality is the number one priority for Jupiter Play. We only work with a select list of suppliers that share this same understanding. We are so confident in the durability and quality of our products that we offer comprehensive guarantees for our entire range. Most of the equipment in our design for Bath House Meadow Play Area is supplied by German manufacturer's FHS Holztechnik's stunning hand crafted robinia timber. It is the only timber that offers unique characteristics and unmatched strength, retaining the natural form of the wood; the posts twist and curve as a tree would, creating a play area that complements the surrounding environment and, makes for an inclusive play space for all members of the community to enjoy.

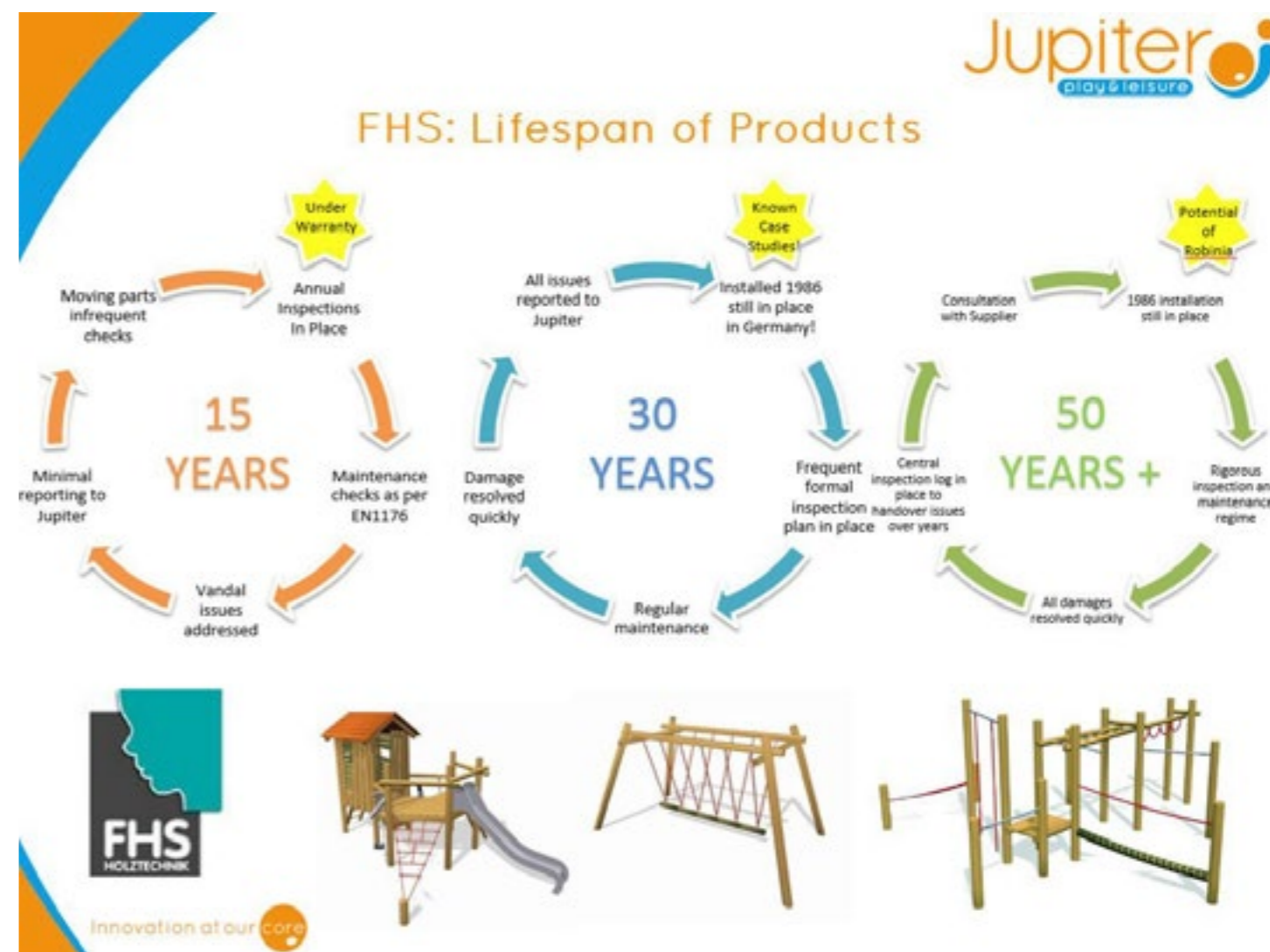
The range of equipment from FHS is extensive and utilises a variety of materials including robinia, larch, pine and steel. Standard elements are complemented by the company's ability to develop large, bespoke adventure play items to a client's specification.



All FHS timber is also sustainably sourced. It is categorised as Class 1 per the EU standard for durability of wood (EN 350-2) and is the densest and hardest timber in the market, even denser and more solid than oak. As an ISO9001 accredited business it offers our customers the reassurance to our commitment to quality. All our equipment comes with a 2-year warranty as standard. This combined with our full guarantees means you should see no additional costs for a minimum of 2 years. We offer a 15-year guarantee for our timber against rotting or structural failure. Our guarantee structure applies to all our brands.

FHS Lifespan

The FHS products are differentiated by the high quality of the timber and the rigorous selection and preparation process they carry out with their robinia timber. Many suppliers still opt for using steel feet for the timbers, because they fail to allow for a 2-3 year resting period and quality process. As a natural material wood will change, reacting to temperature and other environmental factors. The resting period allows FHS to observe the change and after 2-3 years this will settle, exposing any poor quality timbers that may have formed cracks or deep knots that would render the timber structurally unsound.



FHS - Ease of maintenance and likely volume

At a time when other suppliers are driving down the specification and quality of their products, FHS have maintained the same high level of quality. As a result of this we can prove that the FHS product is extremely durable and requires minimal maintenance.

	2009	2010	2011	2012	2013	2014	2015	2016	Total
Value of FHS Sales	£1.2m	£1.48m	£0.60m	£0.67m	£1.02m	£0.52m	£0.63m	£0.7m	£6.82m
No of Spare Parts Orders	-	-	-	-	-	8	9	15	32
Value of Spare Parts Orders	-	-	-	-	-	£2208	£1821	£9341	£13370
No of Warranty Claims	-	-	1	5	4	4	5	8	27

The chart table illustrates that for a sales total of £6.82 million, there has been an extremely low percentage (0.2%) requirement for spare parts. FHS are committed to ease of installation and maintenance through their use of universal fixings. We store the complete range of fittings ensuring we can respond quickly to any spare parts/maintenance requests.

Get to know our timber

Robinia Pre-Treatment Process

Step One: Resting the Timber

FHS fell the tree in the winter months and leave the timbers to rest for up to three years. This resting period is crucial as it allows FHS to ascertain if any cuts of wood have developed unacceptable splits which render the wood unsuitable for use. This is our guarantee that we are supplying products with timbers that are fit for purpose.

Step Two: Remove Bark & Sap

This is a unique process and is a vital component in reducing maintenance requirements and preserving the overall appearance of the product. Removal of the bark and sap is crucial to preventing rotting. If the sap is left on, not only will it become very grey and dull but within two years the sap will flake away. The rotting can create a gap between the upright timbers and adjoining platforms, fixings and foundations, rendering it structurally unsound.

Step Three: Remove all Knots

All knots in the timbers are assessed by drilling out the knot to determine the depth and therefore if the section of timber is still suitable to use. Small knots are removed and in-filled with non-toxic wood filler. The other reason for this is to stop the knot from seeping, which is unsightly and can stain clothing.

Step Four: Cross Bolt all Timber

It is a fact that any timber product will move and split, this is the charm of working with a natural material. FHS combat this by drilling through the ends of the posts and inserting two bolts in a cross formation to prevent the timber from splaying. **Not all Robinia suppliers can offer this level of pre-treatment and we suggest you ask before making a purchase.**

- **Robinia is hard to set fire to and if it does set alight it burns very slowly.** This is due to the lack of oxygen within the wood which is required to accelerate combustion. Any fire damage is limited to the external surface which can be easily removed by sanding the timber down.

Quirky, bespoke and hand crafted

Is using a timber product in your local outdoor play space right for you? Here at Jupiter play we would argue - Yes! As long as you use the right materials and consider the complete play space design; timber products can really add play value and create a stunning feature for the entire community to enjoy.

Our timber supplier, FHS Holztechnik is without question the best supplier we could possibly work with. Their approach to the manufacturing and delivery of their products is exceptionally flawless. But the raw material is only the beginning. FHS have developed many unique quality processes before they even begin to craft the timber to ensure the long term sustainability of the final product.

Robinia properties

Jupiter Play only use the highest quality timber in the construction of our products. This ensures the maximum life term possible and structural integrity of our products.

Heart wood

- Highest quality properties
- Durable and robust
- No need for surface treatment (glaze)
- Natural untreated, a silvery patina occurs
- Brilliant paint application properties
- Preparation is required for manual removal of the sapwood

Sap wood Layer

- Not all suppliers remove the sapwood
- Timber rots quickly if sapwood is not removed
- Pest infestation can be expected if sapwood is not removed
- Sapwood is not an appropriate subsurface for glazes
- Leaving sapwood can in time effect the timber integrity

Outer layer

- Tree Bark - Bark and sap layer is removed to prevent rotting

Strength in Robinia Timber

There is a variety of timber available in the market today. FHS offers products manufactured using three main types of timber: Robinia, Pine and Larch.

Each type of timber has its own application in the market and for certain projects you may very well decide to go for the Pine or Larch options. However when it comes to timber we are 100% confident in recommending Robinia as your first option. FHS Robinia timber will change your perceptions of timber play forever. We have decided to go into detail to explain why...

The density of timber and its resistance to decay is classified on a scale of 1-5 according to the EU standard for durability of wood (BS EN 350-2). Class 1 is categorised as the most robust.

Type	Class
Robinia	Class 1
Oak	Class 2
Larch	Class 3
Douglas Fir	Class 3
Pine	Class 4



Robinia
Cross Section

Robinia wood is one of only a few species growing in Europe that is categorised resistance class 1. This demonstrates that it has an extremely dense composition which means:

- Robinia timber does not require any pressure treatment, tanalisation or chemical protection.

Method Statement: Health & Safety

Citation PROFESSIONAL SOLUTIONS

We selected Citation PLC as our partner for managing both our Health & Safety and Employment Law processes. They provide information and advice on all aspects of Health and Safety issues and employment law. Citation are highly experienced, Queen's Award winning Employment Law consultants with over 190 qualified staff and are able to provide us with 24 hour help and advice. All of their highly experienced health and safety consultants have been awarded professional membership, by examination either the International Institute of Risk Safety Management (IIRSM) or the Institute of Occupational Safety and Health (IOSH). We receive regular HSE updates by email or through the Citation web portal which we share with our staff at team meetings or by email where relevant.

Our manufacturing and design teams worked closely with our independent health and safety advisor to ensure the necessary modifications would be made from the previous standards. Our knowledge of the European Standards allowed us to advise our suppliers of the new expectations for the UK market. The outcome is that this range is sold completely in line with all current legislation.

Ensuring compliance

There are several standards that govern our industry and these include:

- EN1176 - Playground Equipment Standards
- EN1177 - Safety Surfacing Standards
- EN16630 - Outdoor Fitness Equipment Standards
- EN15312 - Free-Access Multi-Sports Equipment

We are also members of the API (Association of Play Industries). The API sends out weekly bulletins with industry related information or updated legislation's and these are circulated amongst our staff. In addition, our Director Michael Hoenigmann is the Vice-Chairman of the API and is involved in executive committee meetings on a regular basis.

We also have CHAS and Constructionline accreditation's which are reviewed on a regular basis for Health and Safety compliance. These external bodies ensure that we are always fully up to date with legislation covering Health and Safety for both the office and on site works, sustainability policies and environmental initiatives as well as employment law.



Inclusive Play - Safety Specifications

Inclusive Play's focus is on designing products that open up a wider range of play opportunities for all children. To do this, they look at playground favourites and the general play experiences enjoyed by many children. They also think about the barriers currently in play for children who may not normally have access to all equipment. Then they give these products a makeover – or start again from scratch – and come up with new ideas that all children will love!



All of Inclusive Play's equipment is designed and produced according to the European Safety Standards EN1176: 2008 and are TÜV Verified.

Coastal Grade 316 Stainless Steel Fixings

Due to Bath House Meadow's proximity to the coast, it is important to us that we provide equipment that is going to withstand the effect of the coastal weather conditions. The additional salts within the atmosphere are mainly responsible for the corrosion of metal objects and equipment near the coastline, as these excess salts speed up the corrosion process. We therefore propose an upgrade to all stainless steel components to Coastal Grade 316 Stainless Steel, the optimal choice for steel close to the coast due to its very high resistance to corrosion.

Galopin - Safety Specifications

Galopin, another one of our partners is a trusted partner who complies with all EN standards operates under the ISO14001 quality standard. Galopin is part of the Cetus group which is made up of 2 companies: Galopin and Gefico, a global supplier to the water treatment market and recycling - which subsequently means they are highly motivated and prioritised on environmental issues and sustainability. This is evidenced by their strong partner network and numerous awards in design and environmental innovation. Galopin also source their materials from sustainable sources. Timbers are FSC certified under Galopin's chain of custody. All equipment is also TÜV Certified.

Our Guarantees

Quality is the number one priority for us across all areas of the business. As an ISO9001 accredited business it offers our customers the reassurance to our commitment to quality. This guarantee structure applies to all our brands to ensure a completely transparent guarantee and after-sales support structure. All our equipment we supply has also been independently tested to EN1176. They are TUV certified and tested to the correct European Standards. Please see enclosed our Full Guarantee's.

-  **25 Year metal work guarantee against structural failure unless stated below**
-  **15 Year timber guarantee against rotting or structural failure**
-  **10 Year guarantee on defects on metalwork for Yalp interactives & Urbanix gym**
-  **10 Year guarantee on HPL for any manufacturing defects**
-  **5 Year guarantee on spring breakage and moulded plastic parts**
-  **5 Year paintwork guarantee against corrosion**
-  **5 Year guarantee on wetpour surfacing, surfacing tiles, jungle mulch and safety grass, if laid onto a prepared base with PCC edging**
-  **3 Year expiring guarantee on all electronics; 1st year 100% warranty part price, 2nd year 75% etc.**
-  **2 Year guarantee on all component parts and climbing ropes for any manufacturing defects**
-  **All spare parts are available for ten years even after a line is discontinued. Common spares are stocked in the UK for a 2-5 day delivery**

Our guarantees exclude normal wear and tear and any damage as a result of vandalism

Method Statement: Guarantees

Spare Parts

Even though we work with so many brands, who all have their own maintenance regimes and spare parts, we are pleased to confirm that all our suppliers are focused on having common parts across the ranges and all have a similar quality ethos. This means that these high-end products are manufactured using only high quality fixings, which require less maintenance and upgrading and therefore fewer out-of-service play spaces.

How Long will pricing be held?

Our Price lists are competitive and have not been inflated to allow large discounts to be offered. We have offered discounts as per the Braintree Framework and our quotes are valid for a period of 90 days from the date of submission.

Programme of works

As part of our proposal, we have completed a Programme of Works (POW) for the proposed design and installation of new play equipment, surfacing and associated works at Bath House Meadow. If we are awarded the contract we would begin ordering all of the equipment on 22/05/17, to be delivered on approximately 26/06/17, and the site would be ready for opening at the beginning of August. (Please see next page).

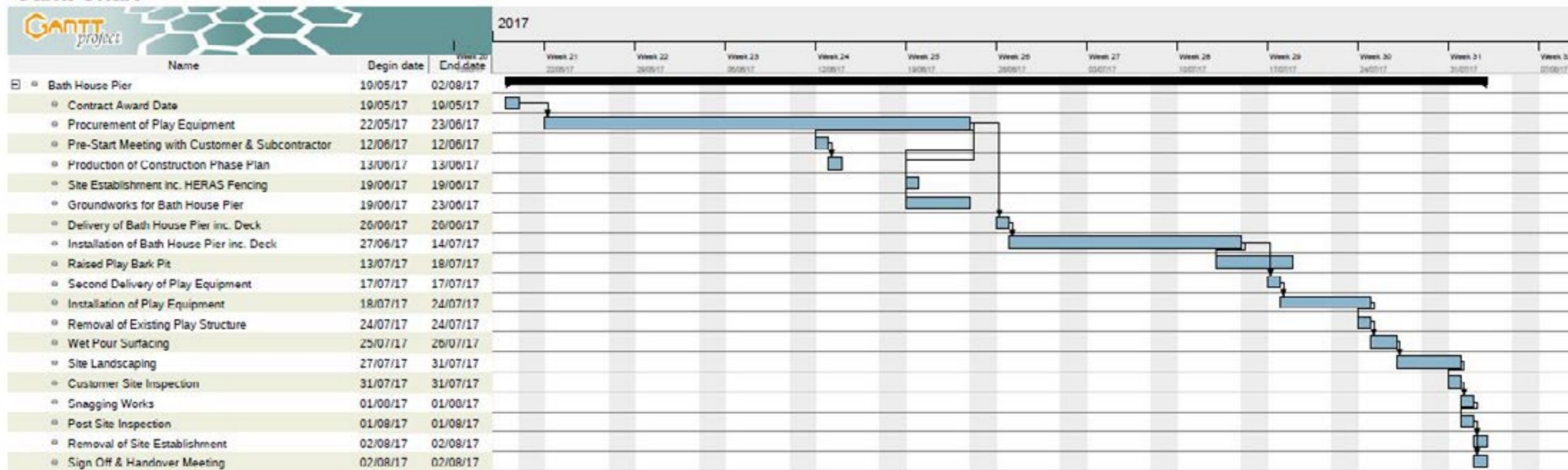
Programme of Works

Bath House Pier - Walton-on-the-Naze

11-Apr-2017

Gantt Chart

3



Landscaping ideas to maximise budget

In order to maximise the £200,000 budget, we not only concentrated on our bespoke centre piece pier, but we wanted to enhance the existing equipment and landscape currently at Bath House Meadow. As the current play area is dominated with metal equipment, grass and black wet pour safety surfacing, we really wanted to soften the areas look and feel, so it blended in well with all of the new kit in our design.

Firstly we have suggested repainting the fence that currently surrounds the existing play area. We have chosen colours included in the Changing Places colour scheme (Blue seduction, Party surprise, Grecian garland, Amethyst shower, Lemon chiffon) using these soft pastel shades to help soften the overall look. This painting also includes repainting the existing multiplay unit on site, to fit in with these colours and to give it a modern update.

Sensory Planting For Coastal Climates

Strong, salt-rich winds often present a challenge for planting in coastal parks and gardens. Providing windbreaks/shelters in the form of hedges or netting will widen the range and variety of plants that can be grown in this space.

Grasses

We have opted for long grasses, as they are great for coastal environments, and add to the overall sensory value and feel of the play area.



- *Cortaderia selloana Aureolineata* (gold Band) Clump forming. Dense tufts of arching green leaves margined yellow with tall stems of silky white plumes. Height and spread to around 2.2 x 1.5m. Any well drained soil in sun.
- *Eragrostis spectabilis* (Purple Love Grass). Dense clump forming grass with dull green, narrow leaves. This plant comes into it's own from mid to late summer when a mass of airy reddish purple flowers completely cover the plant giving a cloud effect. Height and spread to around 60cm. Any well drained soil in sun to light shade. Spectacular in drifts.
- *Cortaderia selloana Silver Fountain* Glaucous, silver edged leaves form a grace full mound to around 1m in height. Large white plumes are borne on tall stems in late summer up to 2m high. This is one of the best grasses!



Palm Trees

Washingtonia robusta or Mexican Fan Palm
The Mexican Fan Palm is a tall, vigorous palm that quickly grows a stout trunk and is widely grown worldwide. Trunks are topped by a crown of large (1.5m wide or more) fan leaves that have loose threaded margins and often a purplish brown patch at the base of the leaf stalk. Although often scorched by frost below around -5C or so *Washingtonia robusta* quickly regrows when the weather improves and replaces the damaged leaves.



Plants and Shrubs

We would also suggest planting Hidcote Lavender to add fragrance to the space and Ox-eye Daisy's.

- *Angustifolia Hidcote* Lavender. An extremely popular variety; with its traditional deep purple flowers and easy to maintain nature, it's easy to see why. Great for attracting bees and butterflies, drying and using as a culinary herb or drying for craft purposes. Commonly used in rows and hedges.
- *Leucanthemum vulgare* or Ox-eye daisy. Ox-eye daisy is a familiar and attractive grassland perennial and the largest native member of the daisy family. It has a medium tall un-branched stem topped by a solitary composite flower of white rays (petals) surrounding a yellow disc floret. The basal leaves of Ox-eye daisy are quite distinctive with their toothed spoon shape and long leaf stalks. Flowers from May to September.

£200,000 Option



Items List

Proposed Play Area

A. Bespoke FHS Pier BESPOKE-SP2 to include:
 Gamenetic Custom GP72C
 Fun Reflection Concave IP305_CC
 Fun Reflection Convex IP305_CV
 Rainmaker IP14
 3 to connect IP302

B. Rope End Swing 901330100R
 C. Trampoline 2m x 2m 97500
 D. Seal Springer x2 90840130RO
 E. Wheelspin with Hot Zinc IP12 Z
 F. Kinetic Wheel type boat KWP001
 G. Rowing Boat 907121120R
 H. Palm Tree AG15-3471
 I. Story/ Music Ball MSP002

Existing Area

J. Makaton Posts x383000001-01
 K. HDPE Orb Blue/ Yellow IP05 BYB CB
 L. HDPE Orb Green/ Yellow IP05 GYG CH
 M. Lighthouse with net FAC22_SB
 N. Low Stepping Posts (12 set) 906110300R
 O. Sit-up Seat and Chains IP23-SEAT
 P. Tango Swing Seat XX_H8053217

Ancillaries

Q. A Frame Inclusive Picnic Table VEAPNTS18WA-B
 R. Barford Bench with Back VEBAR18

Key

Wetpour	Cushionfall	Cedec Gravel	Freefall
			Freespace

ALL EQUIPMENT AND SAFER SURFACING CONFORMS TO EN1176/7

REFERENCE: 00002400 Bathhouse Pier £200k

SCALE: Custom

DATE: 13/04/2017

DRAWN BY: RM



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Bath House Meadow - £200,000 budget

With the maximum budget there is the most opportunity to create true inclusion and offer a full sensory experience. It also helps to create a space where all generations can relax and enjoy the new provision, making it a destination site for Walton-on-the-Naze.

Within the design we have included landscaping fundamentals, such as the tarmac access slope from the road to the lower level, as well as a connecting pathway through the existing play area. This will increase accessibility and ensure the 2 play areas work together. Pathways are sometimes the element omitted in favour of adding play value, however for this to really work as an inclusive site these are necessary to the design.

Seating spaces are also a vital component, particularly for a PiPA site and for this location as we anticipate the footfall will increase significantly, so the sculptural palm tree provides a focal point and attractive space for resting and relaxing, as well as the nearby wheelchair accessible picnic benches and groynes, with the addition of the sensory play Music ball.



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 jupiterplay.co.uk

Pricing Breakdown for: Inclusive Play Area, Walton-on-the-Naze
Client: Tendring District Council
Site Address: Bath House Meadow, Walton-on-the-Naze, CO14 8PZ
Supplier: Jupiter Play & Leisure Ltd
Quote Reference: 00002400
Budget: £200,000.00




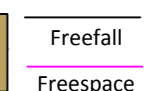
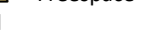
Design (including site analysis)	Item:	Sales Price	Discount %	Quantity	Total Price
Bespoke Design	BESPOKE	0	0	1	0
Preliminaries for projects over £80k	PLS9-06	3600	0	1	3600
Post Installation Inspection	PLS2-04	450	0	1	450
Subtotal					4050
Materials (including supply of all equipment and accessories)	Item:	£	%		£
Bespoke FHS Pier for Bath House Meadow	BESPOKE-SP2	88179	16	1	88179
Bespoke Entrance Sign	XX-SD-35	1680	16	1	1680
Gamenetic Custom Design	GP72C	2567.84	12	1	2567.84
Fun Reflection - Concave	IP305_CC	572	12	1	572
Fun Reflection - Convex	IP305_CV	572	12	1	572
Rainmaker	IP14	572	12	1	572
3-to-connect	IP302	418	12	1	418
Sit-up Seat and Chains	IP23-SEAT	1200	0	1	1200
Tango Swing Seat	XX_H8053217	675	0	1	675
Music/ Story Ball Red colour	MSP002	2117.28	12	1	2117.28
Rope End Swing	901330100R	5275.2	16	1	5275.2
Orb HDPE Blue/Yellow - Cat bells	IP05 BYB CB	611.6	12	1	611.6
Orb HDPE Green/Yellow - Wind Chimes	IP05 GYG CH	611.6	12	1	611.6
Low Stepping Posts	906110300R	555	0	1	555
Kinetic Wheel - Boat Type	KWP001	2139.28	12	1	2139.28
Playnetic Precast Base	BP001	61.6	12	2	123.2
Rowing boat	907121120R	2814	16	1	2814
Seal Springer	90840130RO	793.8	16	2	1587.6
Wheelspin with Hot Zinc	IP12-Z	5275.6	12	1	5275.6
Trampoline 2.0 x 2.0m	97500	2831.84	12	1	2831.84
Lighthouse with Net	FAC22_SB	0	100	1	0
Inclusive Play Sign	IP21	132	12	1	132
FHS Palm Tree	AG15-3471	1818.6	16	1	1818.6
Bespoke Carved Makaton Posts	83000001-01	0	100	3	0
1800 A-Frame Recycled Plastic Picnic Table with Wheelchair Access	VEAPNTS18WA-B	701	0	2	1402
Barford Bench With Back - 1.8m	VEBAR18	614	0	2	1228
Subtotal					124958.64
Construction	Item:	£	%		£
Installation (soft dig)	PLS16-01	1200	0	33	39600
<i>(The installation day rate includes making up the perimeter bund around the play bark area)</i>					
Repaint & Refurbishment Equipment	Land 3-Refurb	850	0	1	850
Supply and Lay Wetpour - 40mm Black CFH 1.3m (100-200sqm)	PLS12-165	49	0	90	4410
Wetpir -30% Fleck - Extra over price	PLS12-102	13	0	90	1170
Geotextile Membrane	XX-KC-020	1.8	0	209	376.2
Excavation Area & import 150mm Compacted MOT Type 1 stone: (150sqm+)	PLS4-03	30	0	90	2700
Supply & Lay EcoSmart Grassmat CHF 2.0m (price per m²)	PLS12-102	29	0	105	3045
PCC Edging 1500mm x 50mm including concrete haunching (supply & install)	PLS4-14	24	0	45	1080
Play Grade back	PLS12-130	30	0	122	3660
Tarmac Overlay	PLS7-18	75	0	45	3375
Supply & Lay Cedec gravel path with stone base and timber edgings	XX-KC-047	67	0	77	5159
Subtotal					65425.2

£179,000 Option



- Items List**
- Proposed Play Area**
- A. Bespoke FHS Pier BESPOKE-SP2 to include:
 - Gamenetic Custom GP72C
 - Fun Reflection Concave IP305_CC
 - Fun Reflection Convex IP305_CV
 - Rainmaker IP14
 - 3 to connect IP302
 - B. Trampoline 2m x 2m 97500
 - C. Wheelspin with Hot Zinc IP12 Z
- Existing Area**
- D. Makaton Posts x383000001-01
 - E. HDPE Orb Blue/ Yellow IP05 BYB CB
 - F. HDPE Orb Green/ Yellow IP05 GYG CH
 - G. Lighthouse with net FAC22_SB
 - H. Low Stepping Posts (12 set) 906110300R
 - I. Sit-up Seat and Chains IP23-SEAT
 - J. Tango Swing Seat XX_H8053217

Key

			
Wetpour	Cushionfall	Cedec Gravel	Freefall
			
			Freespace

ALL EQUIPMENT AND SAFER SURFACING CONFORMS TO EN1176/7

REFERENCE: 00002494 Bathhouse Pier £175k

SCALE: 1:200
 DATE: 13/04/2017
 DRAWN BY: RM



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Bath House Meadow - £179,000 budget

The main Bath House Meadow Pier is still the prominent part of this design, as well as the access pathways from the road and through the existing space. It is also crucial to keep the fully accessible vestibular activities, hence why this design features the Wheelspin and trampoline and the Rope Swing had to be removed to ensure we can meet the lower value budget.

The other items that are omitted from this design are the kinetic play elements, apart from the Gamenetic, as this is a fundamental of the 'arcade' feature of the pier as well as the springers, sculptural palms and less seating.

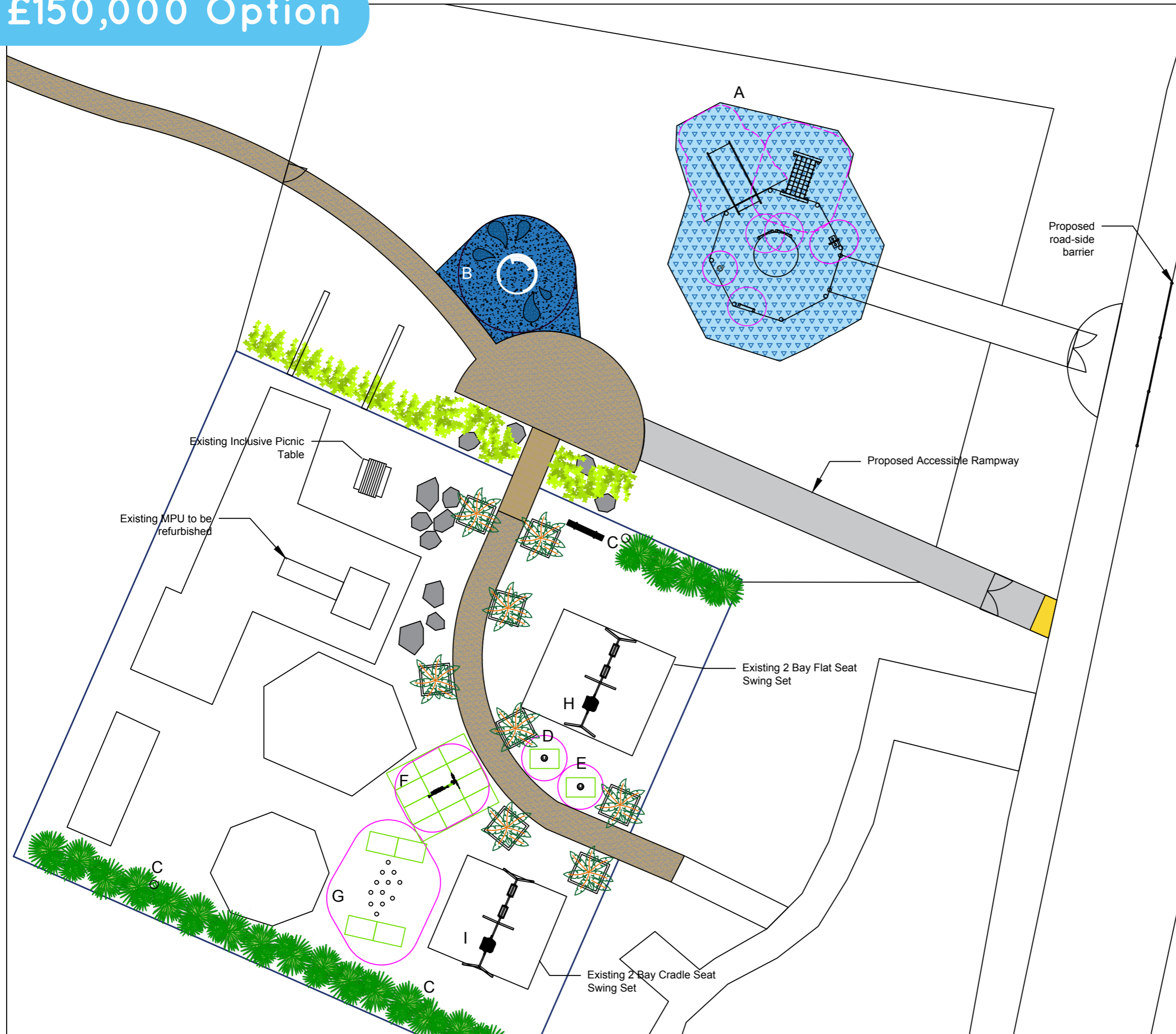


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Pricing Breakdown for: Inclusive Play Area, Walton-on-the-Naze
Client: Tendring District Council
Site Address: Bath House Meadow, Walton-on-the-Naze, CO14 8PZ
Supplier: Jupiter Play & Leisure Ltd
Quote Reference: 00002494
Budget: £175,000.00 - £180,000.00

Design (including site analysis)	Item:	Sales Price	Discount %	Quantity	Total Price
Bespoke Design	BESPOKE	0	0	1	0
Preliminaries for projects over £80k	PLS9-06	3600	0	1	3600
Post Installation Inspection	PLS2-04	450	0	1	450
Subtotal					4050
Materials (including supply of all equipment and accessories)	Item:	£	%		£
Bespoke FHS Pier for Bath House Meadow	BESPOKE-SP2	88179	16	1	88179
Bespoke Entrance Sign	XX-SD-35	1680	16	1	1680
Gamenetic Custom Design	GP72C	2567.84	12	1	2567.84
Fun Reflection - Concave	IP305_CC	572	12	1	572
Fun Reflection - Convex	IP305_CV	572	12	1	572
Rainmaker	IP14	572	12	1	572
3-to-connect	IP302	418	12	1	418
Sit-up Seat and Chains	IP23-SEAT	1200	0	1	1200
Tango Swing Seat	XX_H8053217	675	0	1	675
Music/ Story Ball Red colour	MSP002	2117.28	12	0	0
Rope End Swing	901330100R	5275.2	16	0	0
Orb HDPE Blue/Yellow - Cat bells	IP05 BYB CB	611.6	12	1	611.6
Orb HDPE Green/Yellow - Wind Chimes	IP05 GYG CH	611.6	12	1	611.6
Low Stepping Posts	906110300R	555	0	1	555
Kinetic Wheel - Boat Type	KWP001	2139.28	12	0	0
Playnetic Precast Base	BP001	61.6	12	2	123.2
Rowing boat	907121120R	2814	16	0	0
Seal Springer	90840130RO	793.8	16	1	793.8
Wheelspin with Hot Zinc	IP12-Z	5275.6	12	1	5275.6
Trampoline 2.0 x 2.0m	97500	2831.84	12	1	2831.84
Lighthouse with Net	FAC22_SB	0	100	1	0
Inclusive Play Sign	IP21	132	12	1	132
FHS Palm Tree	AG15-3471	1818.6	16	0	0
Bespoke Carved Makaton Posts	83000001-01	0	100	3	0
1800 A-Frame Recycled Plastic Picnic Table with Wheelchair Access	VEAPNTS18WA-B	701	0	1	701
Barford Bench With Back - 1.8m	VEBAR18	614	0	1	614
Subtotal					108685.48

£150,000 Option



Items List

Proposed Play Area

- A. Bespoke FHS Pier BESPOKE-SP2 to include:
 Gamenetic Custom GP72C
 Fun Reflection Concave IP305_CC
 Fun Reflection Convex IP305_CV
 Rainmaker IP14
 3 to connect IP302

- B. Wheelspin with Hot Zinc IP12 Z


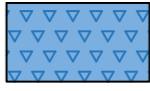

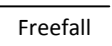
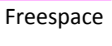
Existing Area

- C. Makaton Posts x383000001-01
 D. HDPE Orb Blue/ Yellow IP05 BYB CB
 E. HDPE Orb Green/ Yellow IP05 GYG CH
 F. Lighthouse with net FAC22_SB
 G. Low Stepping Posts (12 set) 906110300R
 H. Sit-up Seat and Chains IP23-SEAT
 I. Tango Swing Seat XX_H8053217

Ancillaries

- J. A Frame Inclusive Picnic Table VEAPNTS18WA-B
 K. Barford Bench with Back VEBAR18

Key

			
Wetpour	Cushionfall	Cedec Gravel	Freefall
			
			Freespace

ALL EQUIPMENT AND SAFER SURFACING CONFORMS TO EN1176/7

REFERENCE: 00002493 Bathhouse Pier £150k

SCALE: 1:200

DATE: 13/04/2017

DRAWN BY: RM



Edinburgh Office: 0131 445 7989
 Nottingham Office: 0115 969 9859

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Bath House Meadow - £150,000 budget

To achieve the budget of £150k we have had to remove the large tunnel slide and one of the nets, which still retains the character of the pier, but we feel will impact play value and the amount of children able to benefit from dynamic activity.

Other items also not included in this design are the Trampoline (but still retaining the Wheelspin to ensure there is all access vestibular/dynamic activity).

In this design we have had to omit the pathway through the existing playground, although we believe this is a very important functional piece of the design, but this was necessary to ensure we were not losing more play value than necessary.



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Pricing Breakdown for: Inclusive Play Area, Walton-on-the-Naze
Client: Tendring District Council
Site Address: Bath House Meadow, Walton-on-the-Naze, CO14 8PZ
Supplier: Jupiter Play & Leisure Ltd
Quote Reference: 00002493
Budget: £150,000.00

Design (including site analysis)	Item:	Sales Price	Discount %	Quantity	Total Price
Bespoke Design	BESPOKE	0	0	1	0
Preliminaries for projects over £80k	PLS9-06	3000	0	1	3000
Post Installation Inspection	PLS2-04	450	0	1	450
Subtotal					3450
Materials (including supply of all equipment and accessories)	Item:	£	%		£
Bespoke FHS Pier for Bath House Meadow - the tunnel slide and wooden tunnel and net	BESPOKE-SP2	75604	16	1	75604
Bespoke Entrance Sign	XX-SD-35	1680	16	1	1680
Gamenetic Custom Design	GP72C	2567.84	12	1	2567.84
Fun Reflection - Concave	IP305_CC	572	12	1	572
Fun Reflection - Convex	IP305_CV	572	12	1	572
Rainmaker	IP14	572	12	1	572
3-to-connect	IP302	418	12	1	418
Sit-up Seat and Chains	IP23-SEAT	1200	0	1	1200
Tango Swing Seat	XX_H8053217	675	0	1	675
Music/ Story Ball Red colour	MSP002	2117.28	12	0	0
Rope End Swing	901330100R	5275.2	16	0	0
Orb HDPE Blue/Yellow - Cat bells	IP05 BYB CB	611.6	12	1	611.6
Orb HDPE Green/Yellow - Wind Chimes	IP05 GYG CH	611.6	12	1	611.6
Low Stepping Posts	906110300R	555	0	1	555
Kinetic Wheel - Boat Type	KWP001	2139.28	12	0	0
Playnetic Precast Base	BP001	61.6	12	2	123.2
Rowing boat	907121120R	2814	16	0	0
Seal Springer	90840130RO	793.8	16	1	793.8
Wheelspin with Hot Zinc	IP12-Z	5275.6	12	1	5275.6
Trampoline 2.0 x 2.0m	97500	2831.84	12	0	0
Lighthouse with Net	FAC22_SB	0	100	1	0
Inclusive Play Sign	IP21	132	12	1	132
FHS Palm Tree	AG15-3471	1818.6	16	0	0
Bespoke Carved Makaton Posts	83000001-01	0	100	3	0
1800 A-Frame Recycled Plastic Picnic Table with Wheelchair Access	VEAPNTS18WA-B	701	0	1	701
Barford Bench With Back - 1.8m	VEBAR18	614	0	1	614
Subtotal					93278.64

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