

REVISED JULY 1st 2016



## ‘Constellations’

A Public Artwork by David Mackie  
for Channel Height, Taylor Wimpey South Wales.

# Rhose Point David Mackie

Outline Proposal : Taylor Wimpey

## Design Description :

Initial concept designs are outlined here.

## Star Maps : Constellations

The panoramic position of the site suggests a focus on Star Maps as a visually rich, playful and educational theme for the Artwork.

The work will take the form of a Viewing Platform : a low crescent shaped plinth in pennant stone with a capping of either Cornish Granite or Blue Pennant Stone. The surface will incorporate individual bronze reliefs depicting the Constellations.

An indicative design that extends the existing proposal for bound gravel to create a solar system design is included for discussion.

## Community Engagement :

Community Workshops with focus first on identifying a number of key Constellations. Participants will create Models - connecting stars to create constellations, then identify and draw constellations, interpreting imagery and the myths behind them.

## Materials :

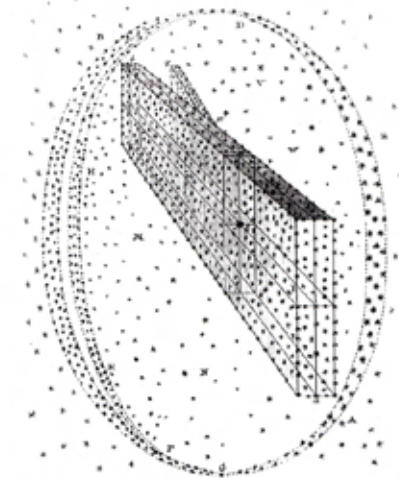
The Cast Bronze Relief will be inlaid into recesses created in the surface of the stone, they will incorporate dowels on the rear and are to be fixed with epoxy resin and grouted with a cement based waterproof grout. The inlaid bronze will be chemically treated (patinated) and will be finished with wax.

Walling Stone - Pennant Stone (with hidden mortar)  
Capping - Either Blue Pennant or Cornish Granite  
Suggested Paving - Granite Cobbles or Similar

All materials are robust and require little maintenance.



Greek Astronomy



Herschel's Map of the Milky Way

*Observations January 1622*

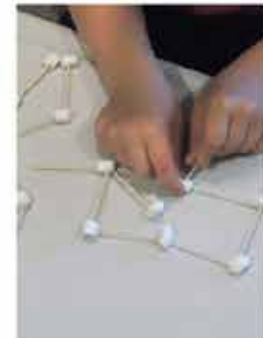
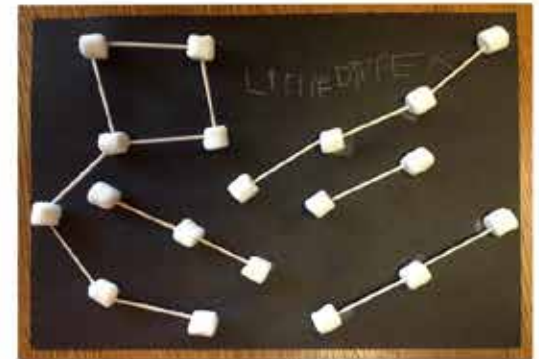
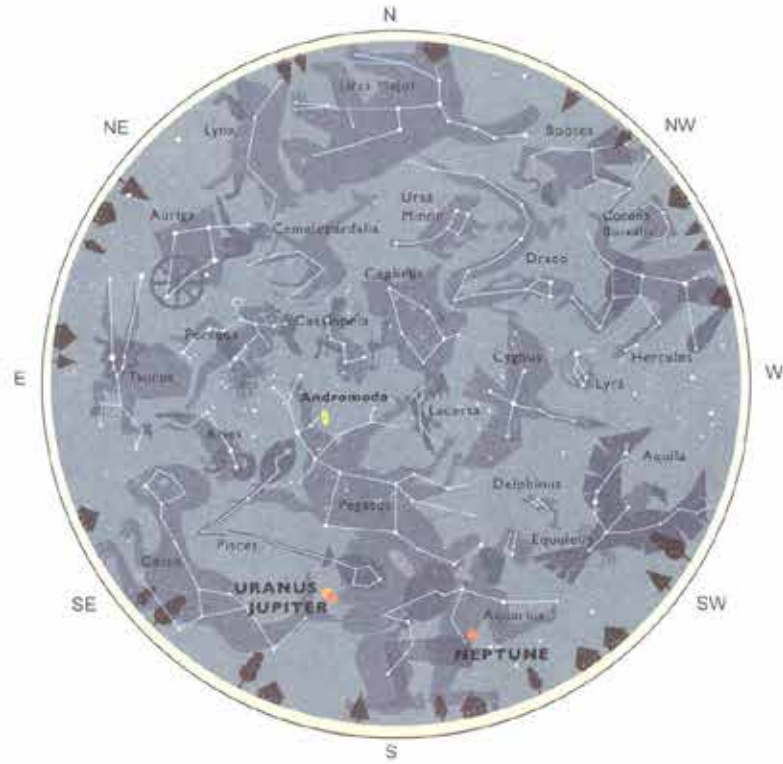
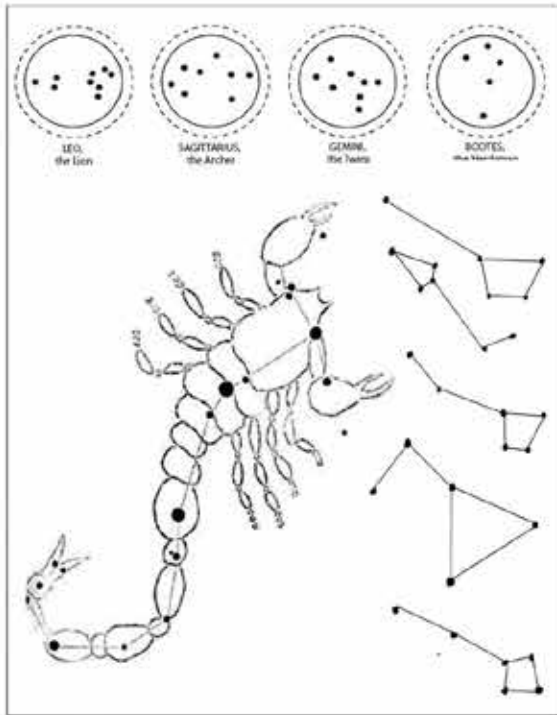
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Galileo's Drawing of Planets

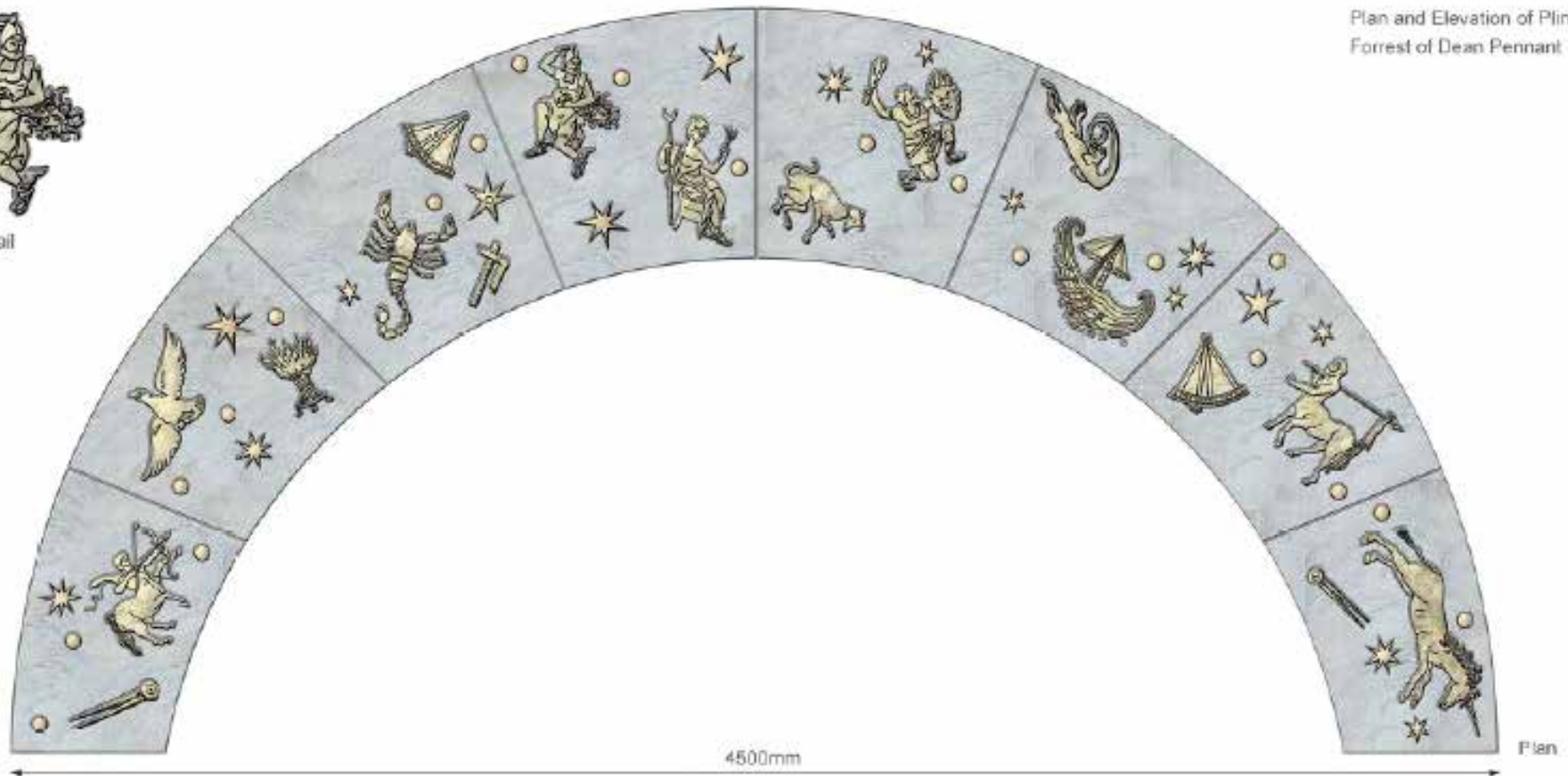


"Sky Guide App" - 2016



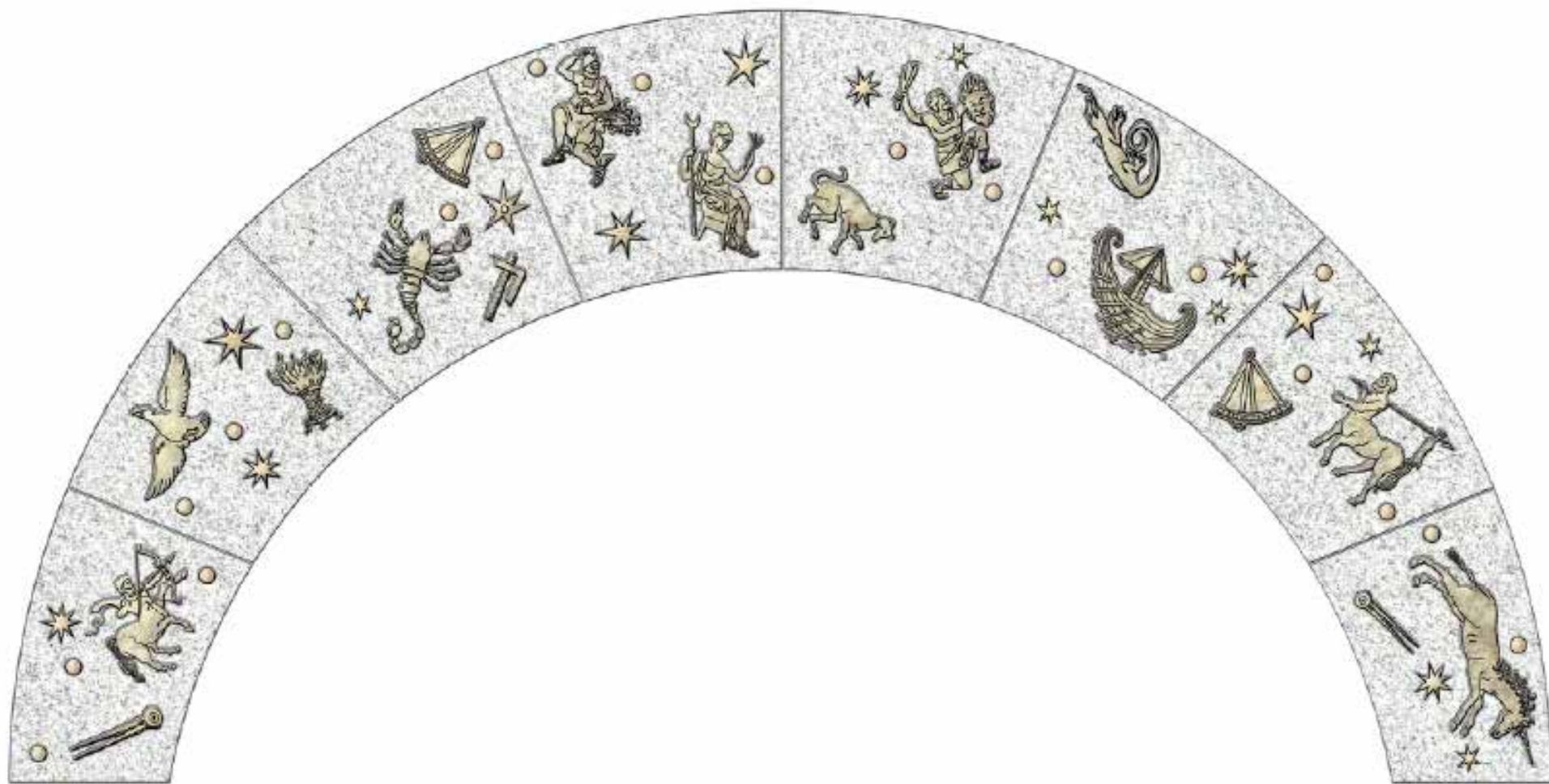


Plan and Elevation of Plinth  
Forrest of Dean Pennant



Rhose Point

Plan and Elevation



Rhose Point

Granite with Bronze

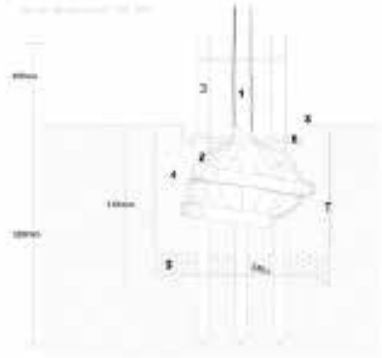


Rhoose Point

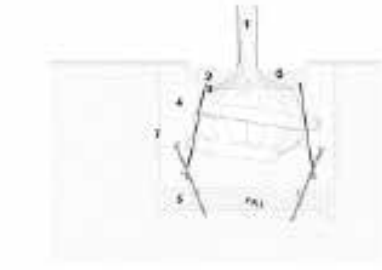
Constellation Drawings



PLEASE REFER TO ENGINEERING ARCHITECTS LAYOUT FOR THE EXACT LEVELS  
 ACTIVE TO BE CHANGED AND EQUIPMENT TO BE CHANGED BASED ON  
 MECHANICAL EQUIPMENT TO BE PLACED CALIBRATED WITHIN ALIVE  
 FROM FACTORS OF SCALE AND DESIGN



1. Plastic element (KIDSAFE) 1.5m x 1.5m x 1.5m to support in future.
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**GENERAL NOTES:**  
 The drawing is for outdoor play equipment, which will be subject to weathering through changes in the use of the site and the equipment will be subject to the same.

All equipment is to be installed in accordance with the relevant standards and codes of practice.

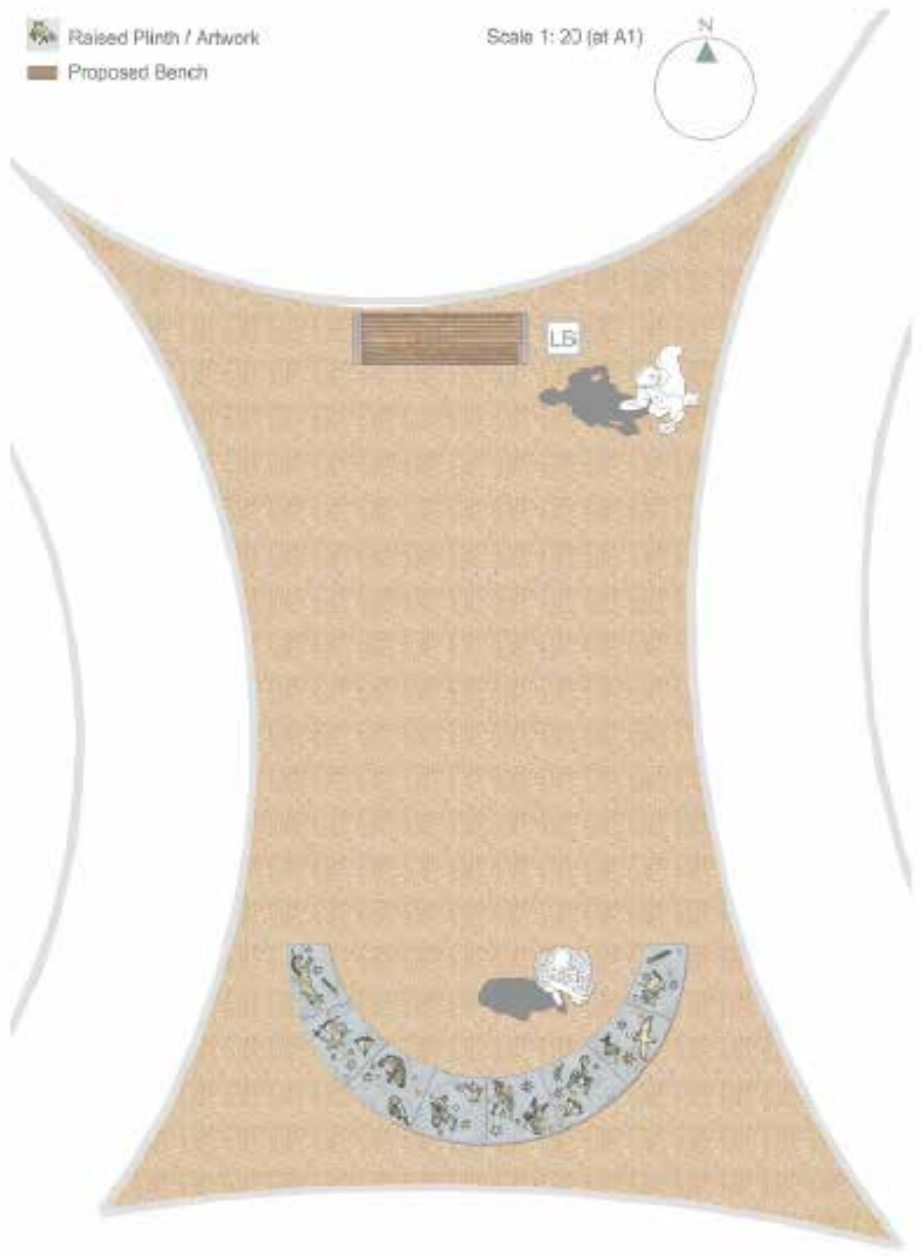
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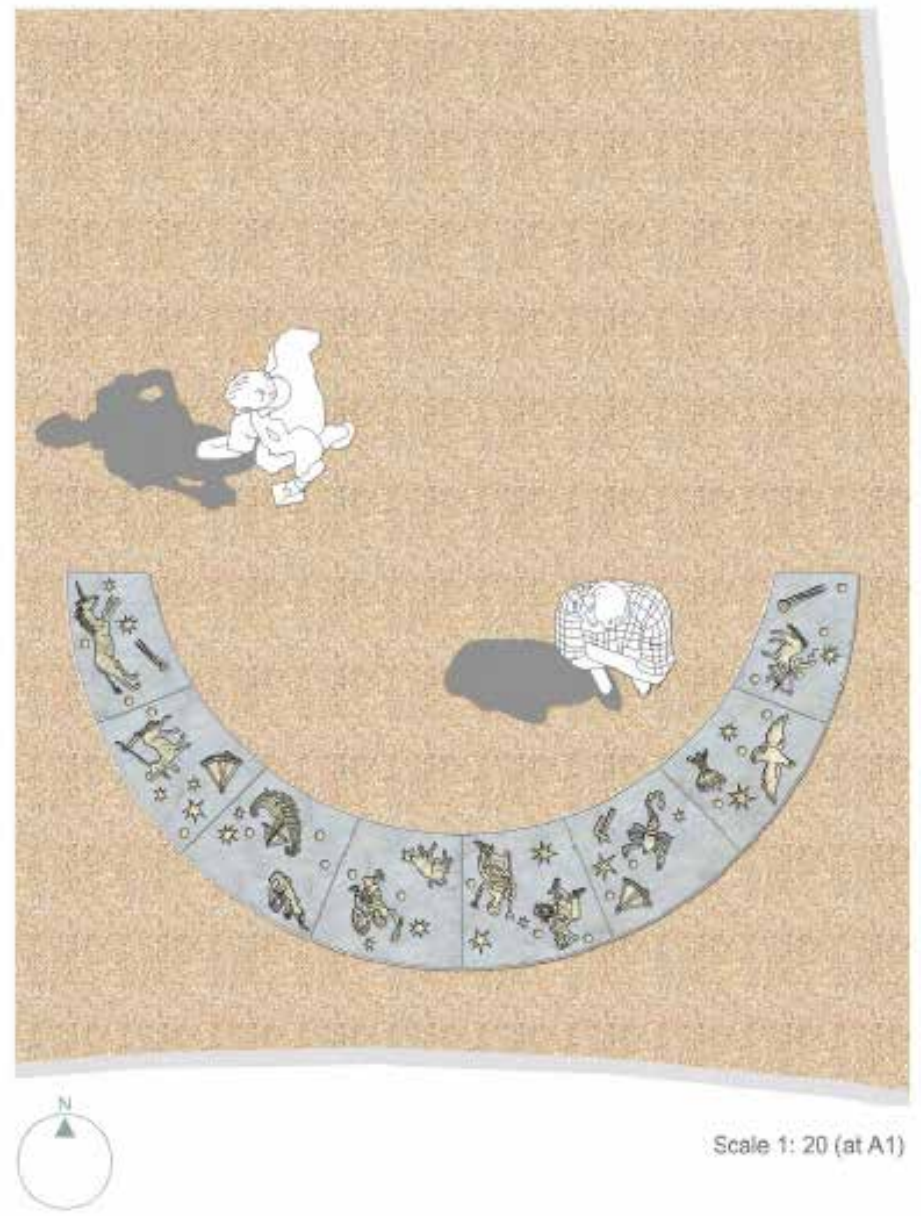
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Rhoose Point

Layout Sheet 3



Rhoose Point

Layout 3 - Detail





Please note: The design of the floorscape opposite is subject to further fundraising as this designs is outside of the 1% for public art budget allocated to Channel Height. Taylor Wimpey South Wales and EMP Projects are currently in discussions with the POS contractors Monmouthshire Landscapes, to include the designs and variation in colour of the floorscape as part of their POS works and at no additional cost.

Programme of Works:

Rhose Point : Artwork Program

David Mackie

	february					march				april				may				june			july			august				september				october			november								
Date	1	8	15	22	29	7	14	21	28	4	11	18	25	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29	5	12	19	26	3	10	17	24	7	14	21	28
Week						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33					
Action Task																																											
Design																																											
Workshops																																											
Modelling Pattern Making																																											
Bronze Casting																																											
Stone																																											
Installation																																											

Community Engagement:

Artist David Mackie will be working with Year 5 pupils from Rhws Primary School on the 18th and 19th of July 2016. The same pupils, who will then be in Year 6 shall return to the site of artwork in October 2016 to unveil the artwork and to explain the artworks to the public.

Images of works in progress at David Mackie's studio:







For further information please contact:

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Public Art Consultant

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