

1:50 DRAWINGS: SECTIONS + MATERIALS

MY 1:50 DRAWINGS ENABLED ME TO CAPTURE THE REALITY OF THE HARDSCAPE MATERIALS, DEVELOPING THEM TO SEE HOW EACH COINCIDES WITH THE OTHER AND EXPLORE WHAT POTENTIAL BENEFITS THE INDIVIDUAL MATERIALS COULD BRING TO THE SITE. I ALSO EXPANDED MY KNOWLEDGE ON MATERIALS AND WHAT SUITS CERTAIN ENVIRONMENTS.

THIS AREA IS ALL ABOUT SIGHT. THERE WILL BE AN ARRAY OF FLOWERS AND PLANTS WITH A VARIED CONTRAST OF COLOURS AND TEXTURES. COMBINING THEM TOGETHER IN THIS AREA WILL ENSURE THE SPACE IS FULL OF COLOUR AND INTEREST THROUGHOUT. THERE WILL ALSO BE LARGE STAINED GLASS SCULPTURES, MADE FROM WOOD AND RECYCLED GLASS. THE SUN WILL TRAVEL THROUGH THE SCULPTURES AND TRANSFER ONTO THE GROUND, PROVIDING AN ADDED DIMENSION TO THE AREA.

THIS AREA WILL HOUSE THE BEER GARDEN. IT WILL BE SURROUNDED BY PLANTS (THIS WILL BE DUE TO THE VERTICAL GARDEN- WHICH WRAPS THE SPACE IN GREENERY). THERE WILL ALSO BE A SCATTERED PLANTS AND TREES WITHIN THE SPACE, ADDING MORE COLOUR AND VARIETY.

THE PATHWAY WILL BE MADE FROM IPE WOOD, AND WHILST PLANNING AND ARRANGEMENT WILL BE METICULOUS, IT WILL BE NATURAL AND RANDOM IN APPEARANCE. THE PATH WILL BE SURROUNDED BY GRASS AND PLANTS.

1: 100

THIS AREA IS ALL ABOUT SOUND. LARGE STEEL WINDCHIMES WILL BE FREESTANDING AND IN TREES. THE CLOSE PROXIMITY TO THE RIVER WILL ALLOW THE WIND TO TRAVEL THROUGH THE SPACE, CREATING MOVEMENT IN THE WINDCHIMES. THERE WILL ALSO BE BIRDFEEDERS, SO VISITORS CAN OBSERVE AND LISTEN TO THE BIRDSONG.

THE SPACE WITHIN ONE OF THE SEATING AREAS WILL CONTAIN A FLOWER BED IN THE CENTRE OF THE DECKING. THE CONSTRUCTION OF THIS AREA WILL REQUIRE THOROUGH PLANNING, IN REGARD TO THE RELATIONSHIP BETWEEN SOIL AND WOOD FLOORING. FOR EXAMPLE, THE DEPTH OF THE SOIL AND AMOUNT OF PLANTING TO FILL THE SPACE WILL NEED TO BE CAREFULLY CONSIDERED.

A VERTICAL GARDEN WILL SURROUND THE SITE, PROVIDING GREENERY TO THE CONTEXT AREAS. A DRAINAGE SYSTEM WILL RUN BELOW AND AROUND THE PLANTS. THIS WILL BE BENEFICIAL FOR THE SITE, PROVIDING MOVEMENT OF WATER AND MOISTURE FROM THE PLANTS ON THE WALL.

THE EDGE SITE, WHERE THE RIVER STARTS, WILL HOUSE STRONG STEEL BEAMS TO SUPPORT THE DECKING WHICH HANGS OVER THE WATER. UNDERNEATH WILL BE CONCRETE TO KEEP THE RIVER BED SECURE.

1: 100

CULTURE SOIL WOOD CONCRETE SOIL GRAVEL STEEL BEAMS SAND LIMESTONE BRICKS

THE PLANTS AND TREES WILL BE PLANTED IN ROOTBALLS, SURROUNDED BY MOIST SOIL CONTAINING FERTILISER. THIS WILL ENSURE THE PLANTS DEVELOP AND GROW STRONG ROOTS. TO PROVIDE AN EVEN BASE, THE FOUNDATION WILL BE CONCRETE.

Hawthorn Tree
Beni Malko Tree
Hakuro-Nishiki
Perennial ryegrass

Tree roots
Rootball
Soil

Culture Soil
Concrete centre
Ventilation gap
Plants
Drains

THE VERTICAL WALL WILL BE CONSTRUCTED FROM SEVERAL LAYERS, WITH THE CENTRE BEING CONCRETE PROVIDING A SECURE BASE, AND COMPACT SOIL ON EITHER EDGE. DRAINS WILL BE SITUATED BELOW EITHER SIDE OF THE GARDEN WALLS.

1:20 CONSTRUCTION DRAWINGS

I DECIDED ON THIS PARTICULAR AREA TO HIGHLIGHT DETAILED CONSTRUCTION DRAWINGS, DUE TO THE FACT THAT NOT ONLY IS IT INTEGRAL TO THE SITE, BUT THE DESIGN IS INTRICATE WITH VARIED ELEMENTS. THE VERTICAL GARDEN WALL WRAPS AROUND THE ENTIRE SITE ADDING GREENERY TO BOTH THE IMMEDIATE AND CONTEXT AREAS. IN ADDITION, THE VERTICAL GARDEN PROVIDES A GOOD DRAINAGE SOURCE, WITH THE DRAINS RUNNING DIRECTLY BELOW THE FOLIAGE. WATER IS COLLECTED FROM PLANTS, SOIL AND RAIN WATER, AND DIRECTED TOWARDS THE RIVER.

ELEVATION VIEW

PLANTS - COMBINATION OF FERNS, HOSTAS & SUCCULENTS

CULTURE SOIL - RETAINED WITHIN THE STEEL UNIT

STEEL PANELS WITH DRAINAGE HOLES FOR SOIL

STEEL FRAME - ATTACHED TO BOTH THE CONCRETE CENTRE + CONCRETE BASE

VENTILATION GAP - ENABLING AIR FLOW AND MAINTAINING PLANT FRESHNESS

CONCRETE CENTRE - PROVIDING A SECURE, DEEP BASE

DRAIN - RUNNING DIRECTLY UNDER THE PLANTS, COLLECTING WATER FROM THE PLANTS + RAIN WATER

CONCRETE SLABS - SURROUNDS THE DRAINS AND CONTEXT AREAS

SAND - TO ASSIST WITH ABSORPTION & DRAINAGE

GRAVEL - DRAINAGE LAYER ALLOWING WATER TO PASS AND TRAVEL TOWARDS THE RIVER

CONCRETE FOUNDATION - TO ENSURE LEVEL GROUND AND A SECURE BASE, ALSO ALLOWING THE STEEL BEAMS AND CONCRETE CENTRE TO BE SET IN THE FOUNDATION

SECTION VIEW PLAN VIEW

2000mm

150mm
200mm
200mm

SAND LEVEL
GRAVEL LEVEL
CONCRETE CENTRE
STEEL BEAMS - RUN INTO THE GROUND
CONCRETE BASE LEVEL

FERNS - THEY ARE USED FOR THEIR ADAPTABILITY AND HUMIDITY RESISTANCE. FERNS ARE EASY TO GROW AND THEY COVER THE AREA QUICKLY.

HOSTAS - THIS BEAUTIFUL PLANT WITH VARIEGATED FOLIAGE IS USED AS A GROUND COVER IN GARDENS. FOR THE SHADY, THE EVERGREEN PLANT IS SUITABLE FOR A VERTICAL GARDEN.

LIPSTICK PLANT - IT DOESN'T REQUIRE DEEP SOIL TO GROW SO IT CAN THRIVE IN A VERTICAL WALL.

SUCCULENTS - THEIR INCREDIBLE ADAPTABILITY AND RESISTANCE TO FLUCTUATION IN TEMPERATURES AND CLIMATIC VARIATIONS ARE GREAT FOR VERTICAL GARDENS. PLANTS LIKE THE STRING OF PEARLS, ECHEVERIA, CRASSULA AND SEDUM CAN BE CONSIDERED.