THE POTTING SHEDS

SITE PLAN - 1:500

KEY

A. LABORATORY / OFFICE

B. CLASSROOM

C. COVERED WORKSHOP

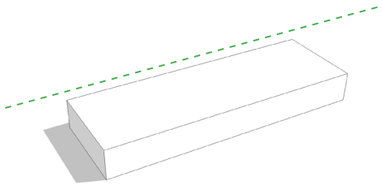
D. ACCESS YARD

"LOOK DEEP INTO NATURE, AND THEN YOU WILL UNDERSTAND EVERYTHING BETTER"

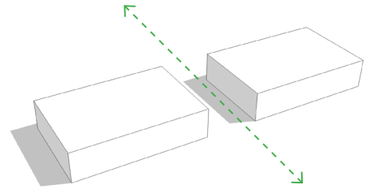
ALBERT EINSTEIN

THE POTTING SHEDS IS A DESIGN PROPOSAL WHICH LOOKS TO MINIMISE THE IMPACT OF CONSTRUCTION UPON THE EXISTING LANDSCAPE RESOURCE CENTRE. THE NEW CLASSROOM, STORE AND LABORATORY HAVE BEEN RELOCATED TO THE NOTHERN BOUNDARY OF THE SITE, ALLOWING THE SITE OF THE FORMER LRC CLASSROOM (A PRIME LOCATION WITHIN THE SITE) TO BE BETTER UTILISED AS A NEW GARDEN RESOURCE. IN DOING SO THE IMPACT OF ANY CONSTRUCTION WORKS ON THE REMAINING PORTION OF THE GARDENS WILL BE MINIMAL, ALLOWING FOR CONTINUITY OF CURRENT LRC PROJECTS. LOCATED ON THE NORTHERN BOUNDARY, THE POTTING SHEDS CREATE A VISUAL REFERENCE TO THE LRC FROM THE APPROACH. YET THROUGH SENSITIVELY CHOSEN MATERIALS, THE DESIGN PROPOSAL GOES LARGELY UNNOTICED BY THE MASSES, RETAINING THE NATURAL CHARM OF THE CURRENT LRC AND ALLOWING THE INTERNAL SPACES TO FLOW INTO THE LANDSCAPE.

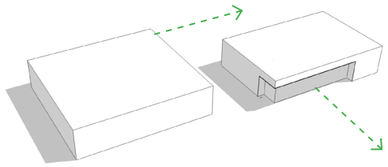
DESIGN PRINCIPALS



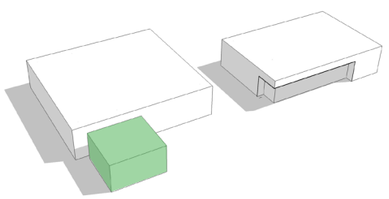
1. BUILDING POSITIONED ON THE BOUNDARY OF THE SITE TO FORM GATEWAY



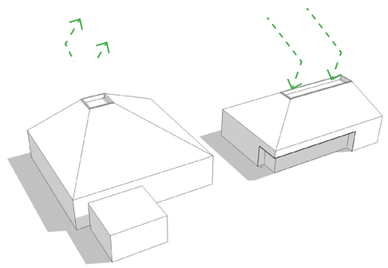
2. GARDEN AXIS SPLITS SCHEME INTO TWO VOLUMES



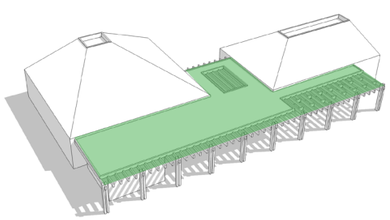
3. VOLUMES STAGGERED TO PULL CLASSROOM INTO THE LANDSCAPE AND PROVIDE VIEWS FROM THE MAIN APPROACH



4. SEPARATE STONE CLAD STORAGE SPACE, ALLOW EASY EXTERNAL ACCESS AND AVOIDING COMPLEX STRUCTURE



5. ROOF FORMED TO PROVIDED DIFFUSE NORTH LIGHT TO CLASSROOMS AND VENTILATION TO LABORATORY SPACE



6. CANOPY TO PROVIDE USEFUL EXTERNAL SPACE AND TO STITCH VOLUMES TOGETHER

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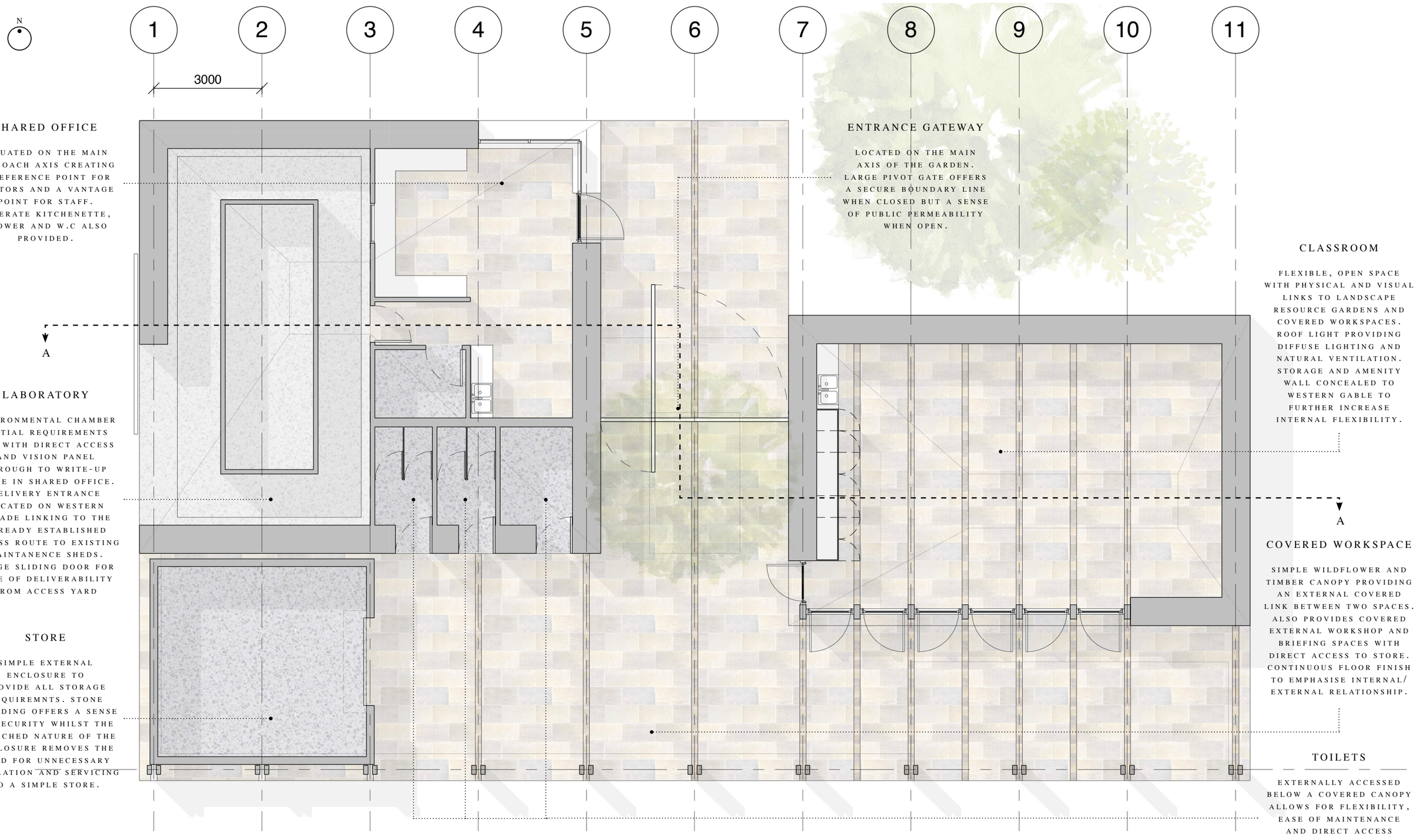
THE POTTING SHEDS



SHARED OFFICE

SITUATED ON THE MAIN APPROACH AXIS CREATING A REFERENCE POINT FOR VISITORS AND A VANTAGE POINT FOR STAFF. SEPERATE KITCHENETTE, SHOWER AND W.C ALSO PROVIDED.

LABORATORY

ENVIRONMENTAL CHAMBER SPATIAL REQUIREMENTS MET WITH DIRECT ACCESS AND VISION PANEL THROUGH TO WRITE-UP SPACE IN SHARED OFFICE. DELIVERY ENTRANCE LOCATED ON WESTERN FACADE LINKING TO THE ALREADY ESTABLISHED ACCESS ROUTE TO EXISTING MAINTANENCE SHEDS. LARGE SLIDING DOOR FOR EASE OF DELIVERABILITY FROM ACCESS YARD

STORE

SIMPLE EXTERNAL ENCLOSURE TO PROVIDE ALL STORAGE REQUIREMNTS. STONE CLADDING OFFERS A SENSE OF SECURITY WHILST THE DETACHED NATURE OF THE ENCLOSURE REMOVES THE NEED FOR UNNECESSARY INSULATION AND SERVICING TO A SIMPLE STORE.

ENTRANCE GATEWAY

LOCATED ON THE MAIN AXIS OF THE GARDEN. LARGE PIVOT GATE OFFERS A SECURE BOUNDARY LINE WHEN CLOSED BUT A SENSE OF PUBLIC PERMEABILITY WHEN OPEN.

CLASSROOM

FLEXIBLE, OPEN SPACE WITH PHYSICAL AND VISUAL LINKS TO LANDSCAPE RESOURCE GARDENS AND COVERED WORKSPACES. ROOF LIGHT PROVIDING DIFFUSE LIGHTING AND NATURAL VENTILATION. STORAGE AND AMENITY WALL CONCEALED TO WESTERN GABLE TO FURTHER INCREASE INTERNAL FLEXIBILITY.

COVERED WORKSPACE

SIMPLE WILDFLOWER AND TIMBER CANOPY PROVIDING AN EXTERNAL COVERED LINK BETWEEN TWO SPACES. ALSO PROVIDES COVERED EXTERNAL WORKSHOP AND BRIEFING SPACES WITH DIRECT ACCESS TO STORE. CONTINUOUS FLOOR FINISH TO EMPHASISE INTERNAL/ EXTERNAL RELATIONSHIP.

TOILETS

EXTERNALLY ACCESSED BELOW A COVERED CANOPY ALLOWS FOR FLEXIBILITY, EASE OF MAINTENANCE AND DIRECT ACCESS WHEN WORKING IN THE LANDSCAPE RESOURCE GARDENS

FLOOR PLAN - 1:100

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THE POTTING SHEDS

NESTING BOXES FOR WILDLIFE INCLUDING BIRDS & BATS LOCATED BEYOND TIMBER SHINGLES AND SITUATED WITHIN THE DEPTH OF WALL CONSTRUCTION

ENGINEERED TIMBER FRAME, CONSTRUCTED AT REGULAR CENTRES FOR IMPROVED CONSTRUCTION EFFICIENCY

ROOF LIGHT TO PROVIDE DIFFUSE LIGHT TO CLASSROOMS WITH VENTS TO MAXIMISE NATURAL STACK VENTILATION.

GLAZING TO OFFICE SPACE AND CLASSROOM LIMITED TO IMPROVE INSULATIVE PROPERTIES AND MINIMISING ADDITIONAL DETAILS CREATING COST EFFICIENCY

PITCHED ROOFS TO CAPTURE AND DIRECT RAINWATER TO RAINWATER HARVESTING RESERVOIRS (SIMPLE WATER BUTT)

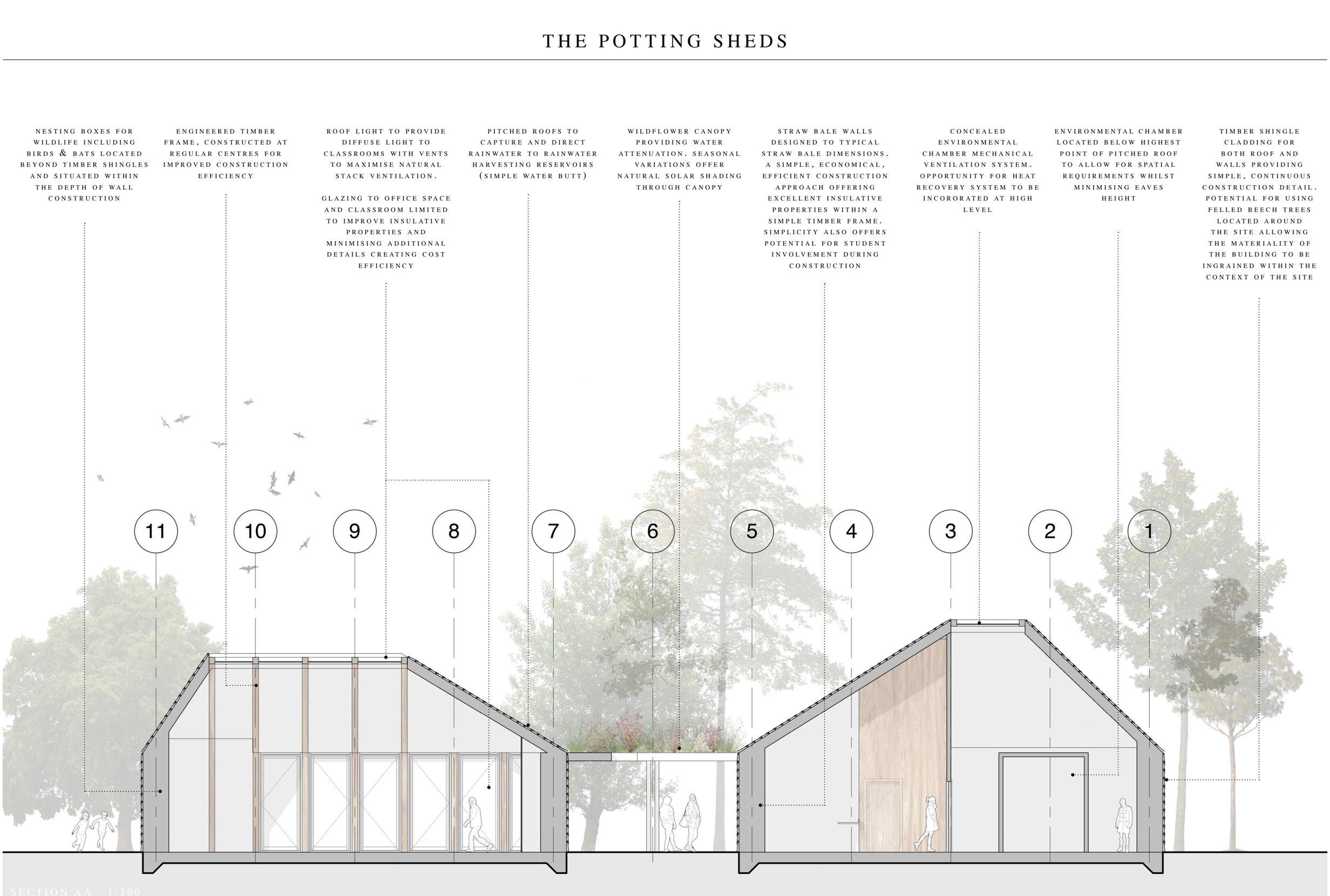
WILDFLOWER CANOPY PROVIDING WATER ATTENUATION. SEASONAL VARIATIONS OFFER NATURAL SOLAR SHADING THROUGH CANOPY

STRAW BALE WALLS DESIGNED TO TYPICAL STRAW BALE DIMENSIONS. A SIMPLE, ECONOMICAL, EFFICIENT CONSTRUCTION APPROACH OFFERING EXCELLENT INSULATIVE PROPERTIES WITHIN A SIMPLE TIMBER FRAME. SIMPLICITY ALSO OFFERS POTENTIAL FOR STUDENT INVOLVEMENT DURING CONSTRUCTION

CONCEALED ENVIRONMENTAL CHAMBER MECHANICAL VENTILATION SYSTEM. OPPORTUNITY FOR HEAT RECOVERY SYSTEM TO BE INCORORATED AT HIGH LEVEL

ENVIRONMENTAL CHAMBER LOCATED BELOW HIGHEST POINT OF PITCHED ROOF TO ALLOW FOR SPATIAL REQUIREMENTS WHILST MINIMISING EAVES HEIGHT

TIMBER SHINGLE CLADDING FOR BOTH ROOF AND WALLS PROVIDING SIMPLE, CONTINUOUS CONSTRUCTION DETAIL. POTENTIAL FOR USING FELLED BEECH TREES LOCATED AROUND THE SITE ALLOWING THE MATERIALITY OF THE BUILDING TO BE INGRAINED WITHIN THE CONTEXT OF THE SITE



SECTION AA - 1:100

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THE POTTING SHEDS


VIEW FROM THE APPROACH


CLASSROOM


INSIDE-OUTSIDE


THE GARDEN ELEVATION (SOUTH) - 1:100

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