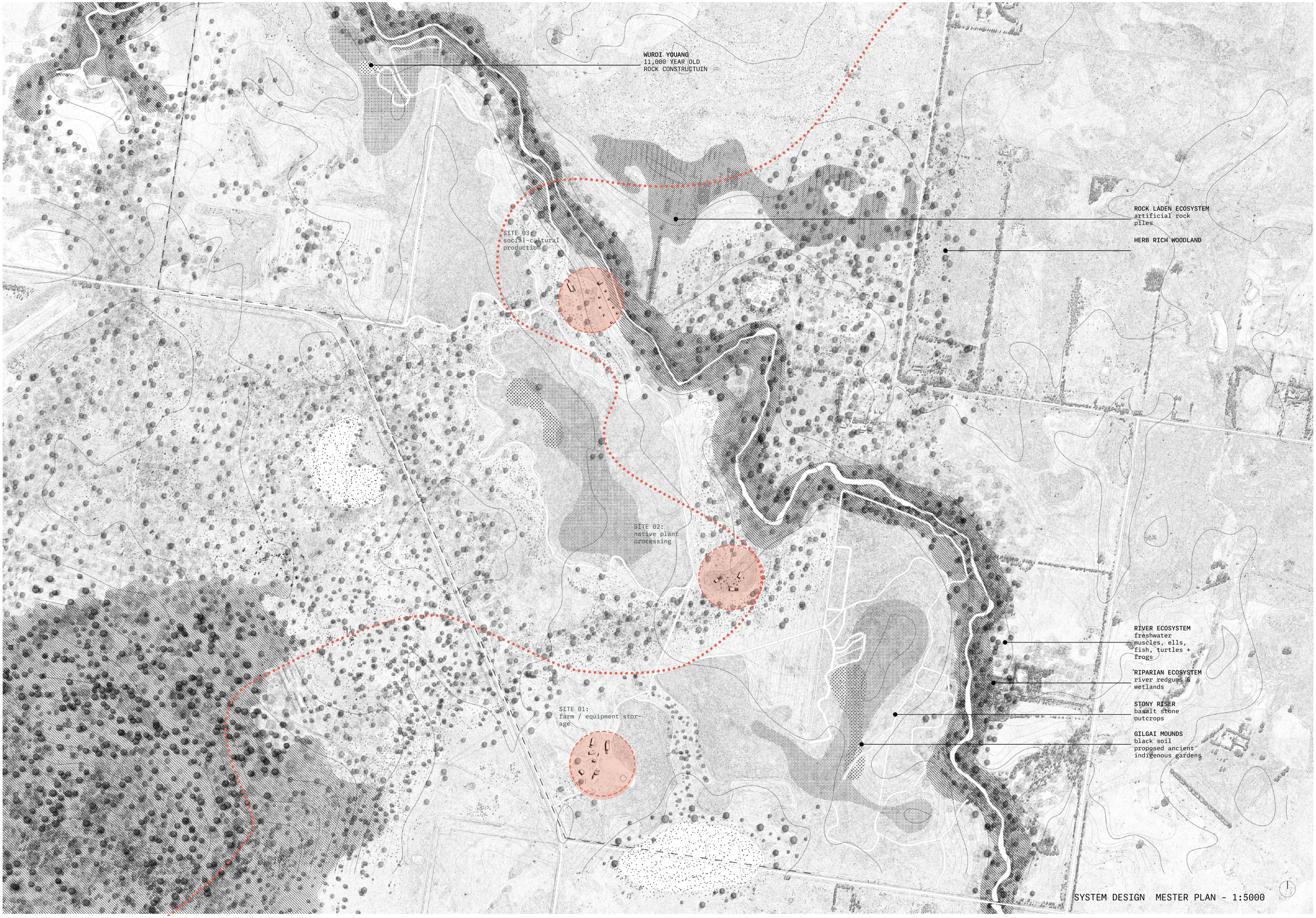
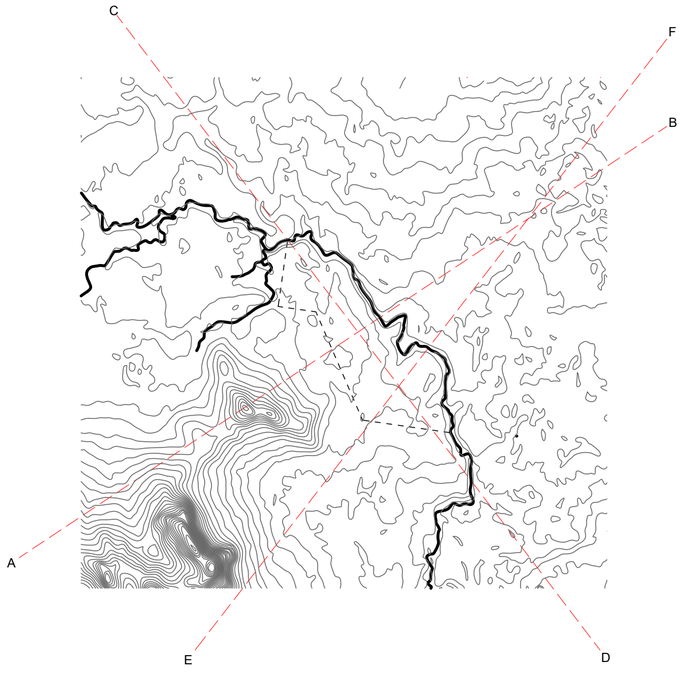
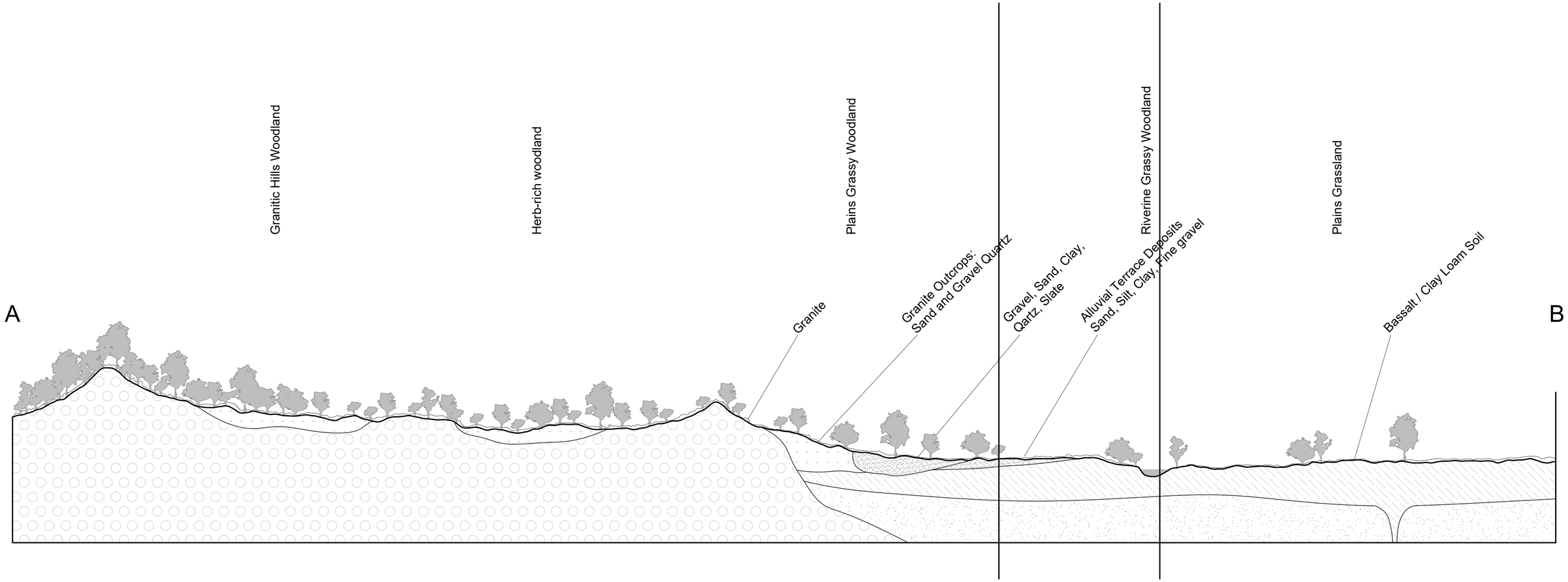
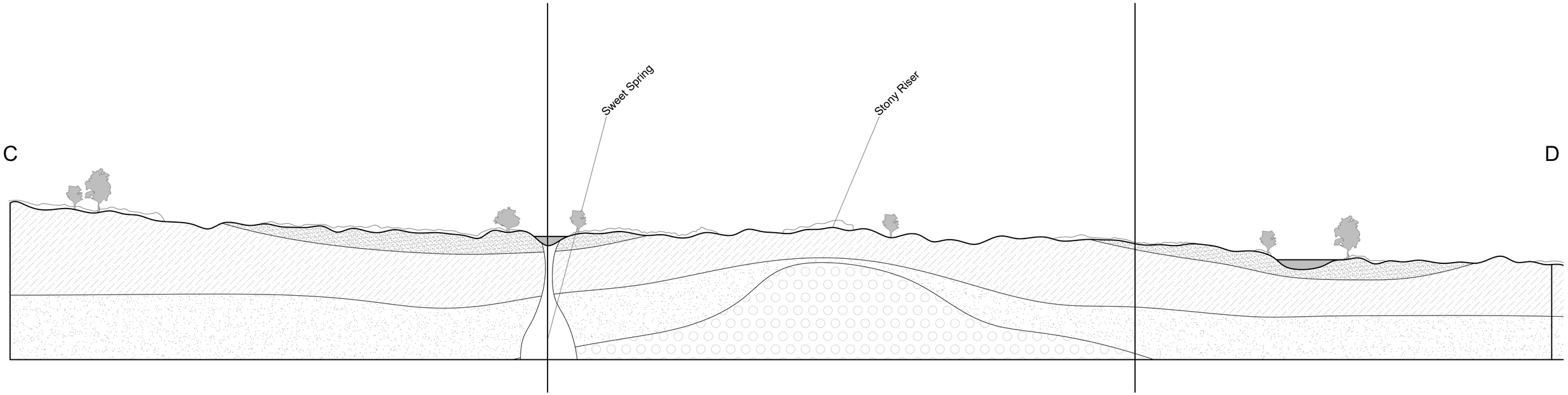


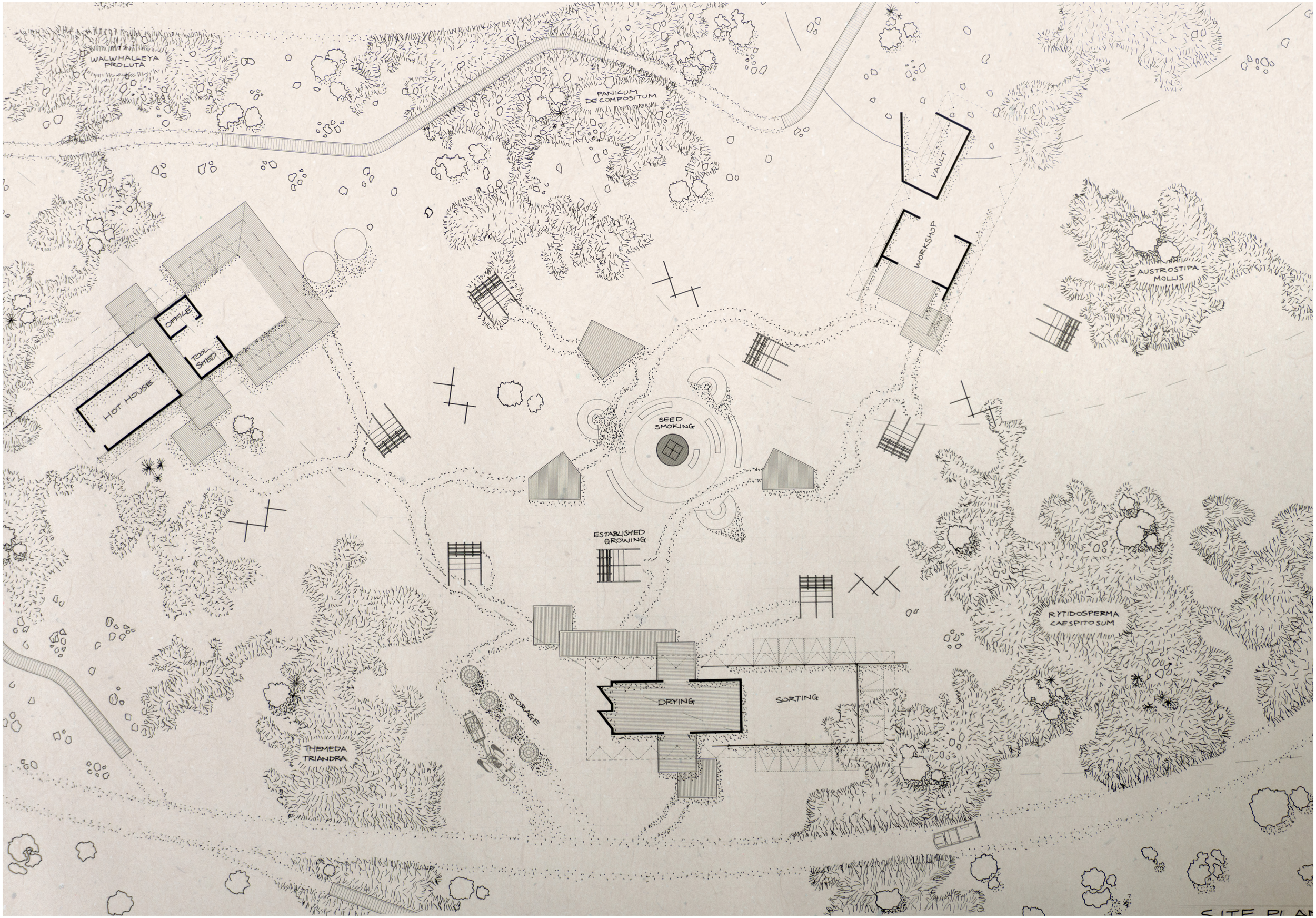
SYSTEM DESIGN MESTER PLAN - 1:5000


C
F
B
A
E
D


Granitic Hills Woodland
Herb-rich woodland
Plains Grassy Woodland
Riverine Grassy Woodland
Plains Grassland
A
B
Granite
Granite Outcrops:
Sand and Gravel Quartz
Gravel, Sand, Clay,
Qartz, Slate
Alluvial Terrace Deposits
Sand, Silt, Clay, Fine gravel
Bassalt / Clay Loam Soil


C
D
Sweet Spring
Stony Riser


E
F
Red Gum Swamp / Wetland


WALWHALLEYA PROLUTA
PANICUM DECOMPOSITUM
VAULT
WORKSHOP
AUSTROSTIPA MOLLIS
OFFICE
TOOL SHED
HOT HOUSE
SEED SMOKING
ESTABLISHED GROWING
RYTIDOSPERMA CAESPITOSUM
STORAGE
DRYING
SORTING
THEMEDA TRIANDRA

IUK
EEL SEASON

FEB – MAR

WARING
WOMBAT SEASON

APR – MAY

POORNEET
DEEP WINTER

JUN – JUL

BUATH GURRU
EARLY SPRING

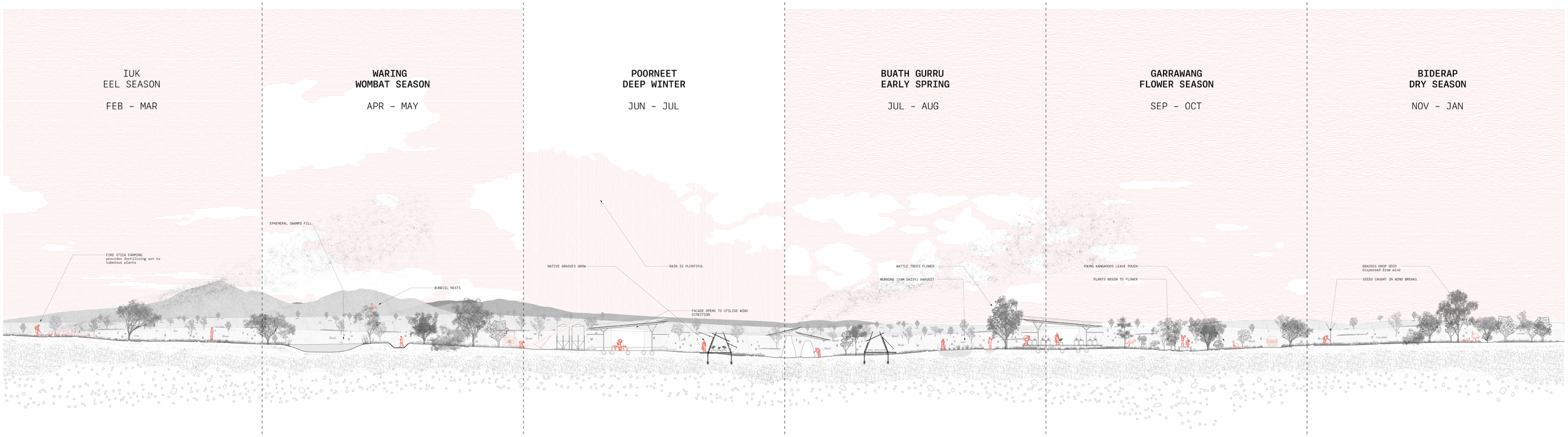
JUL – AUG

GARRAWANG
FLOWER SEASON

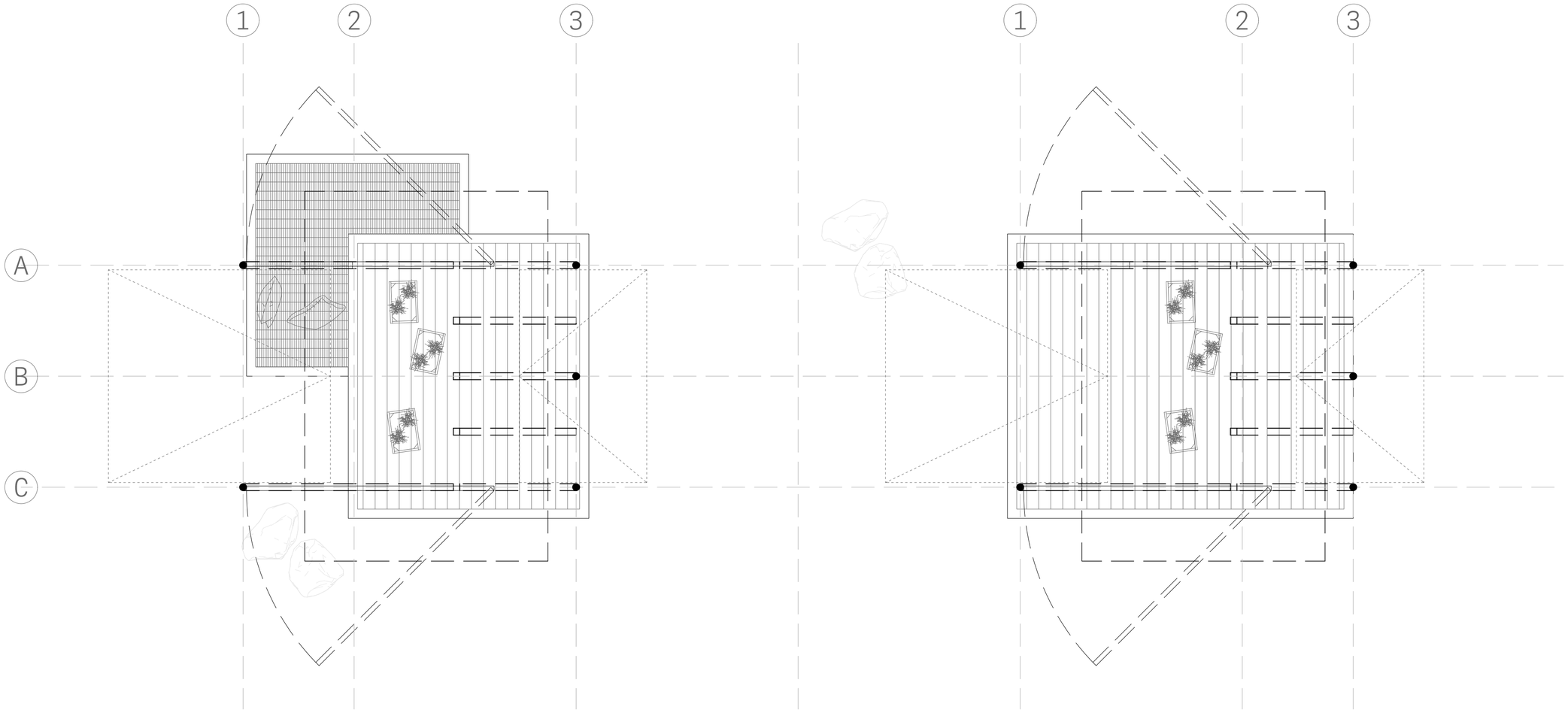
SEP – OCT

BIDERAP
DRY SEASON

NOV – JAN

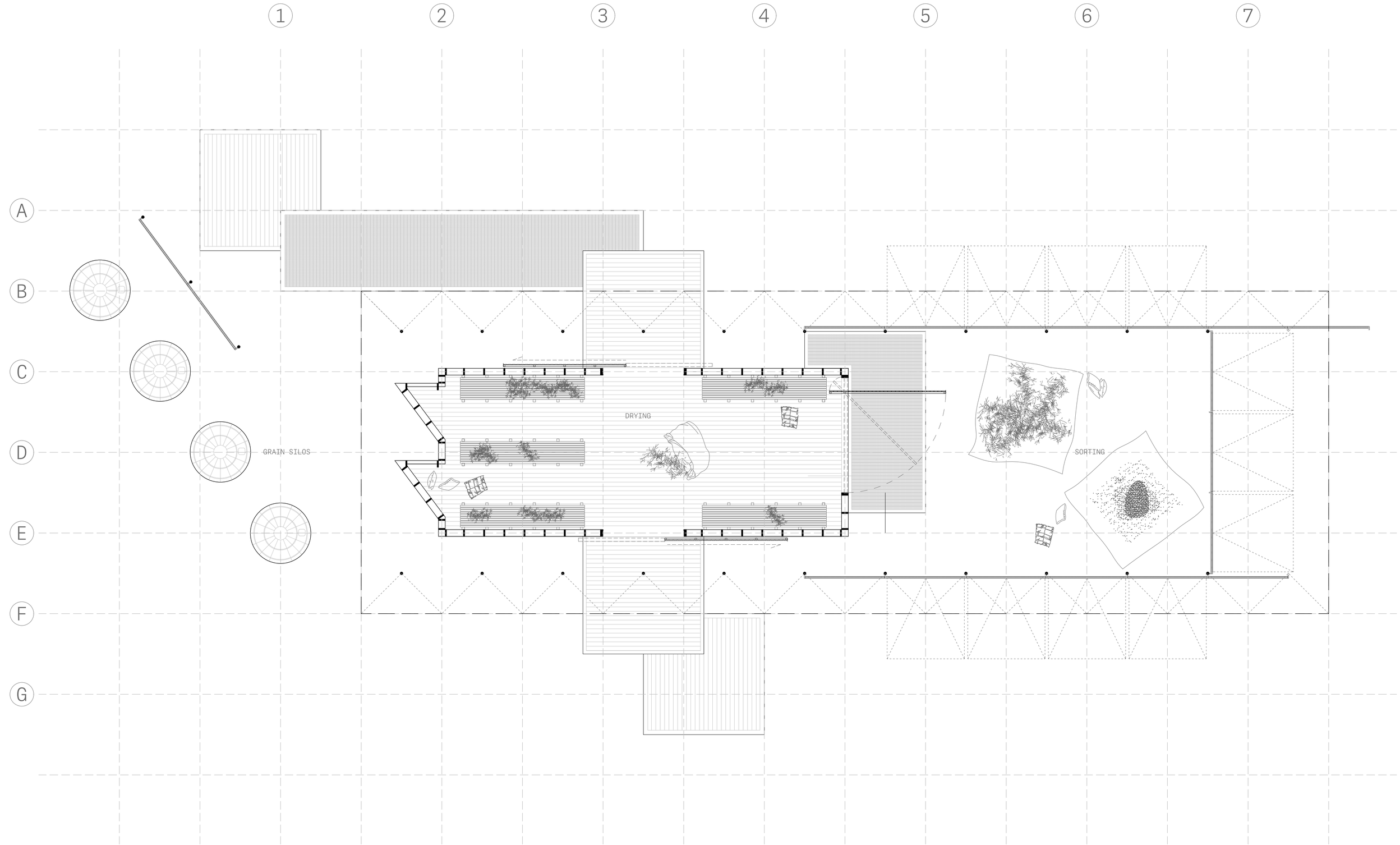


SEASONAL SECTION – 1:20



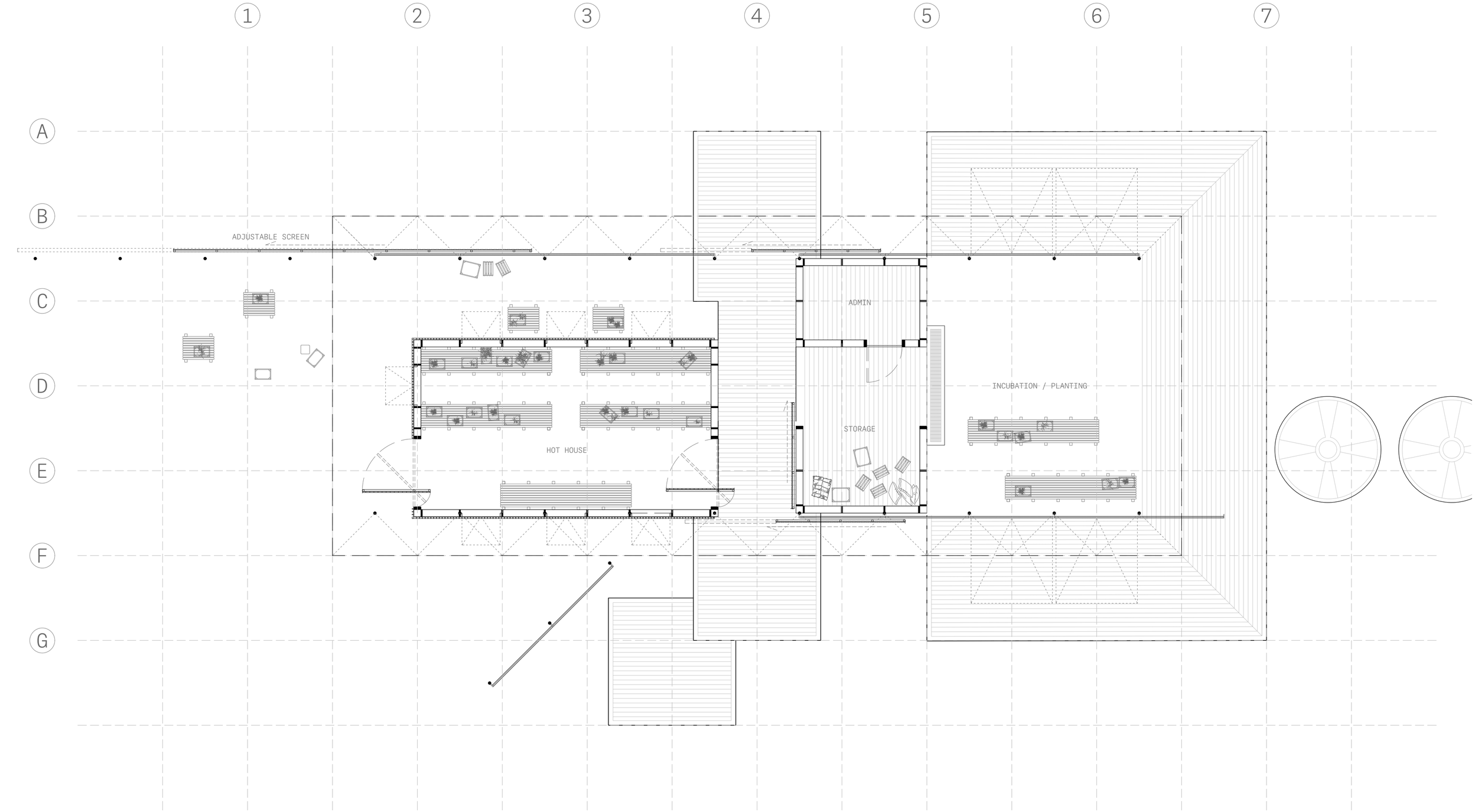
0 1 2 2 10

ESTABLISHED GROWING PLAN - 1:100



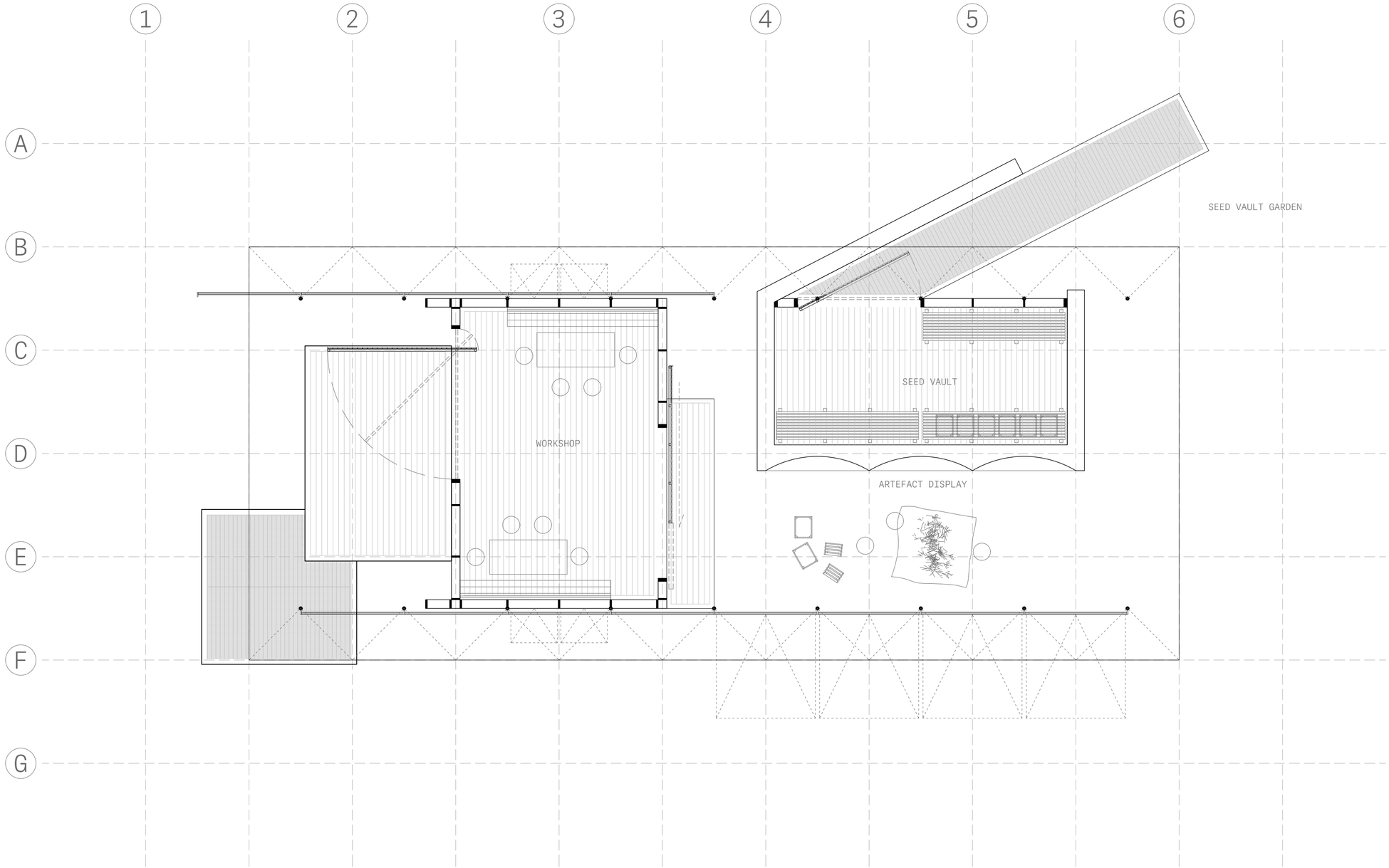
0 1 2 2 10

DRYING + SORTING PLAN - 1:100



0 1 2 2 10

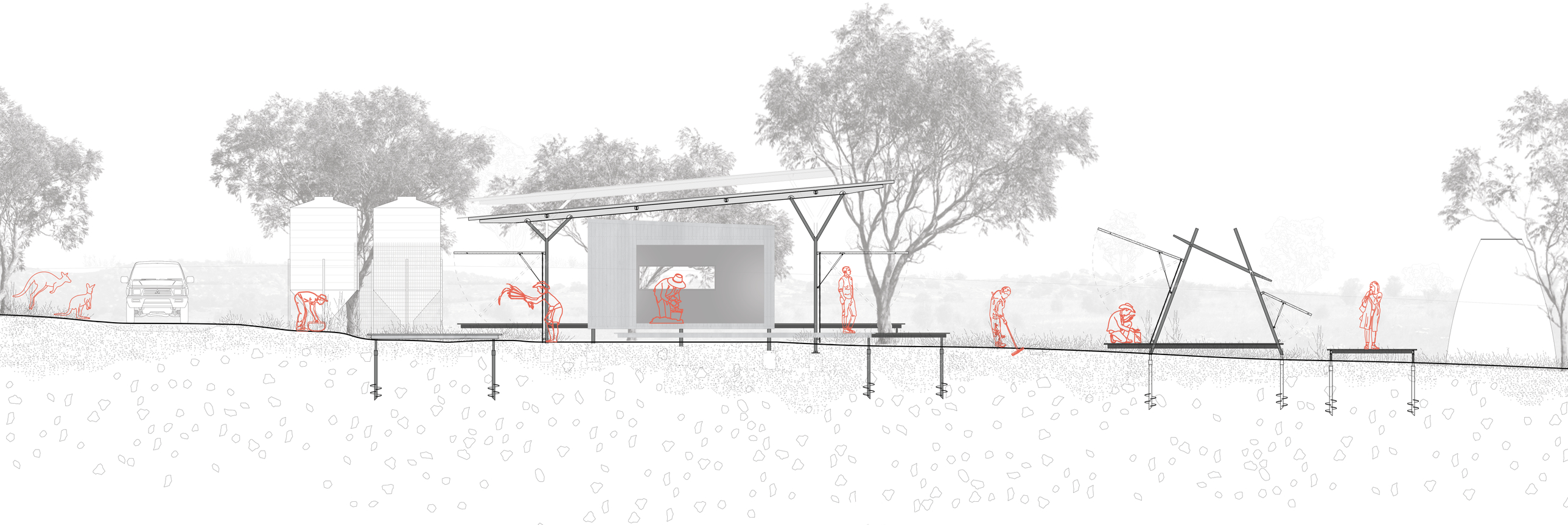
HOT HOUSE + INCUBATION PLAN - 1:100



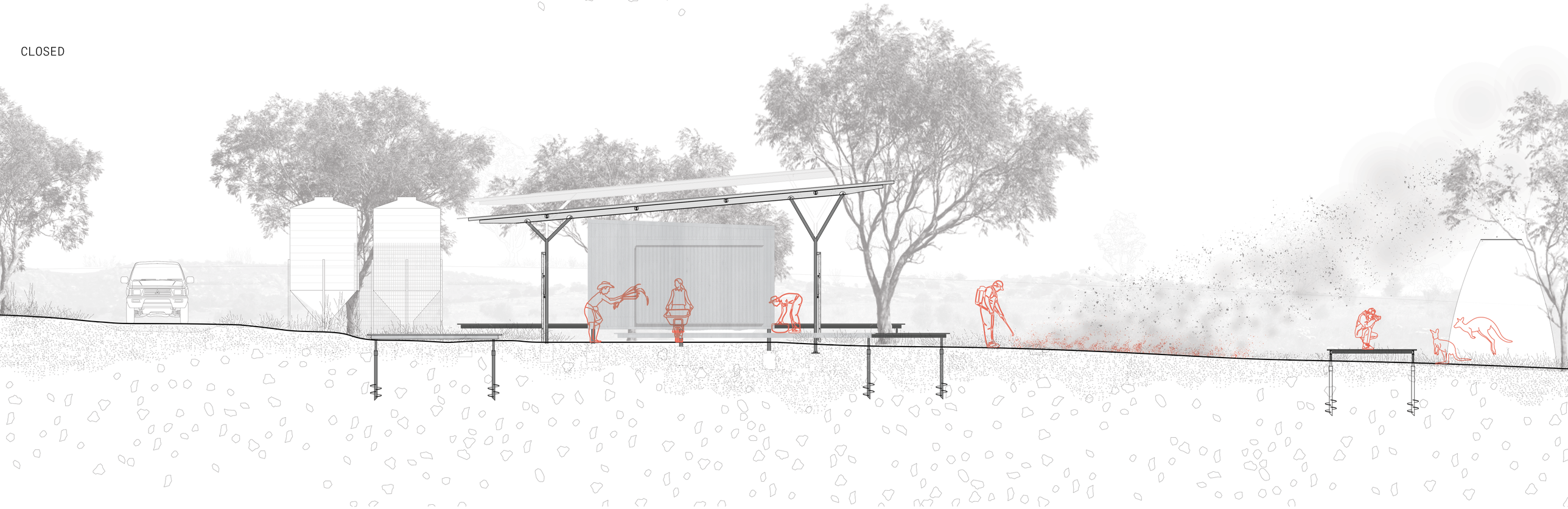
0 1 2 2 10

WORKSHOP + SEED VAULT PLAN - 1:100

OPEN

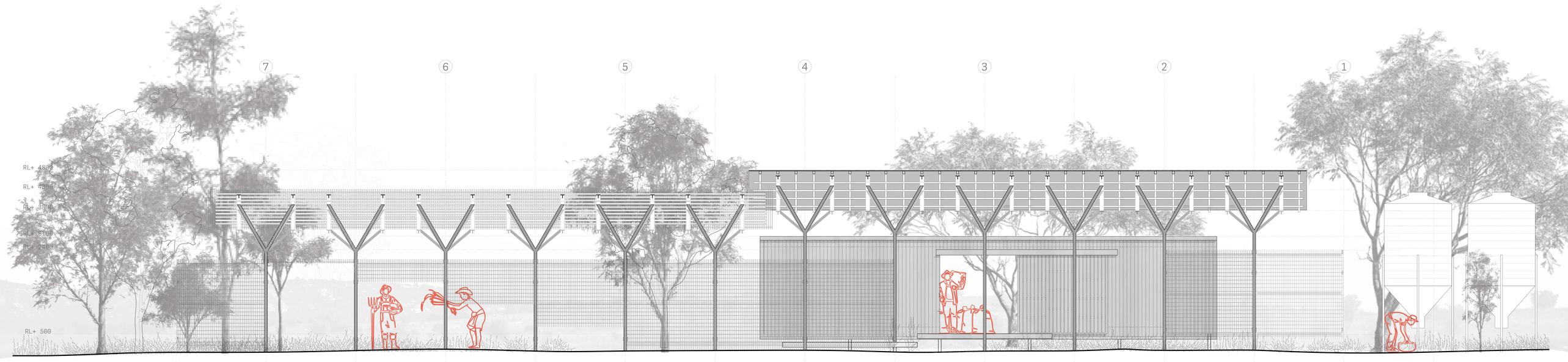


CLOSED



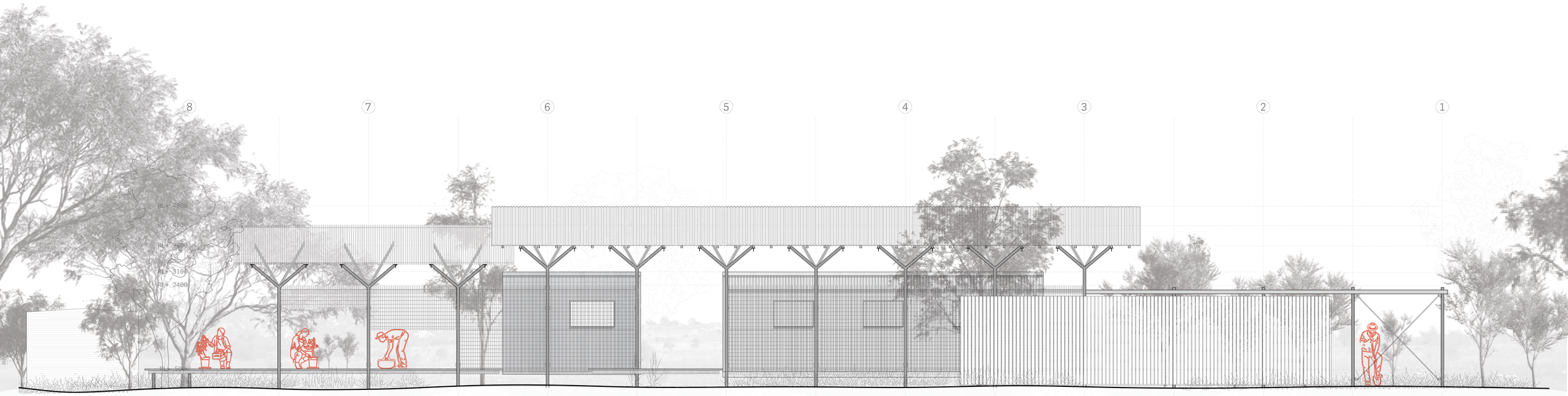
0 1 2 2 10

THRESHOLD & EXPOSURE/ENCLOSURE SECTION – 1:50



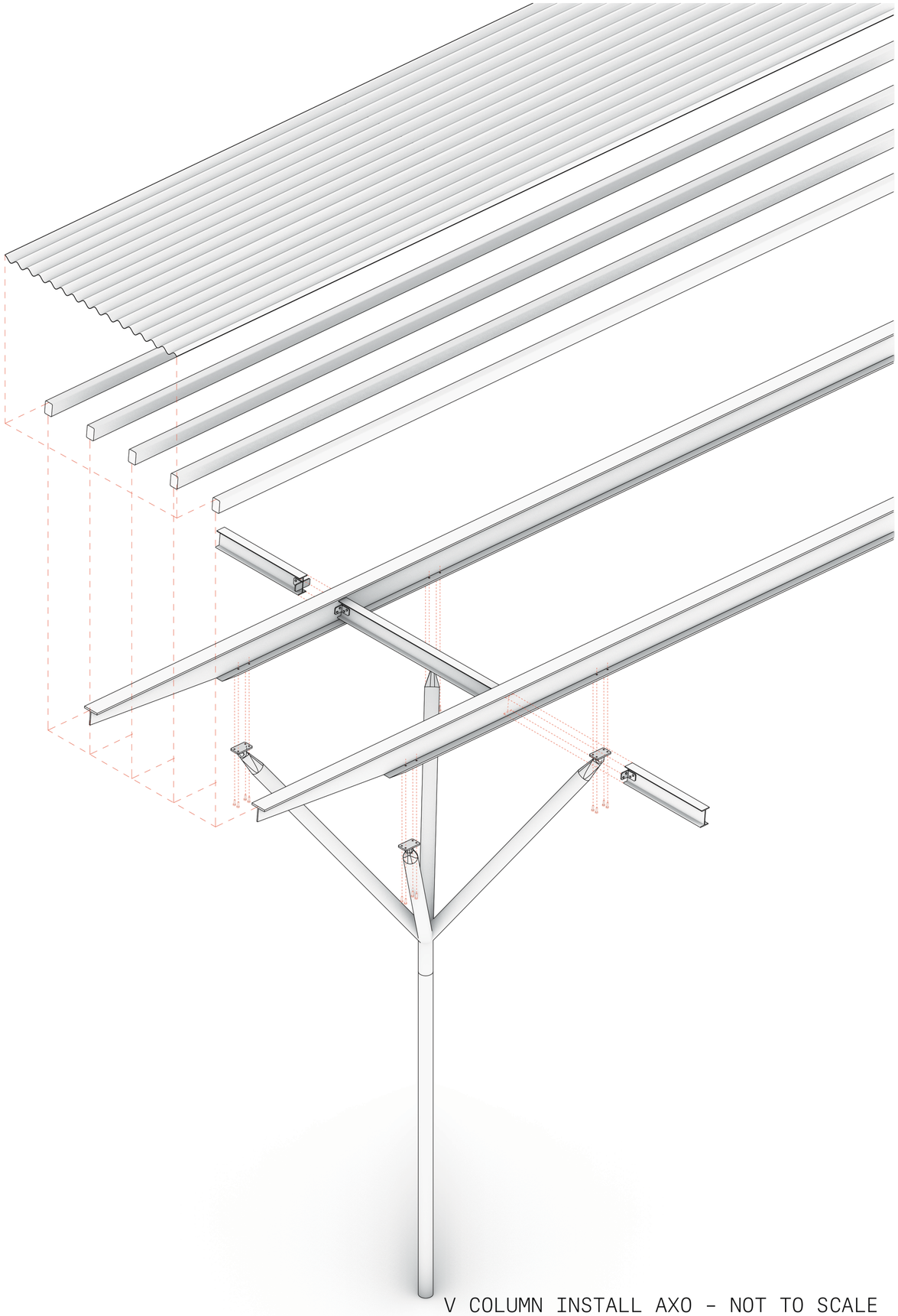
0 1 2 2 10

DRYING + SORTING SOUTH ELEVATION- 1:50

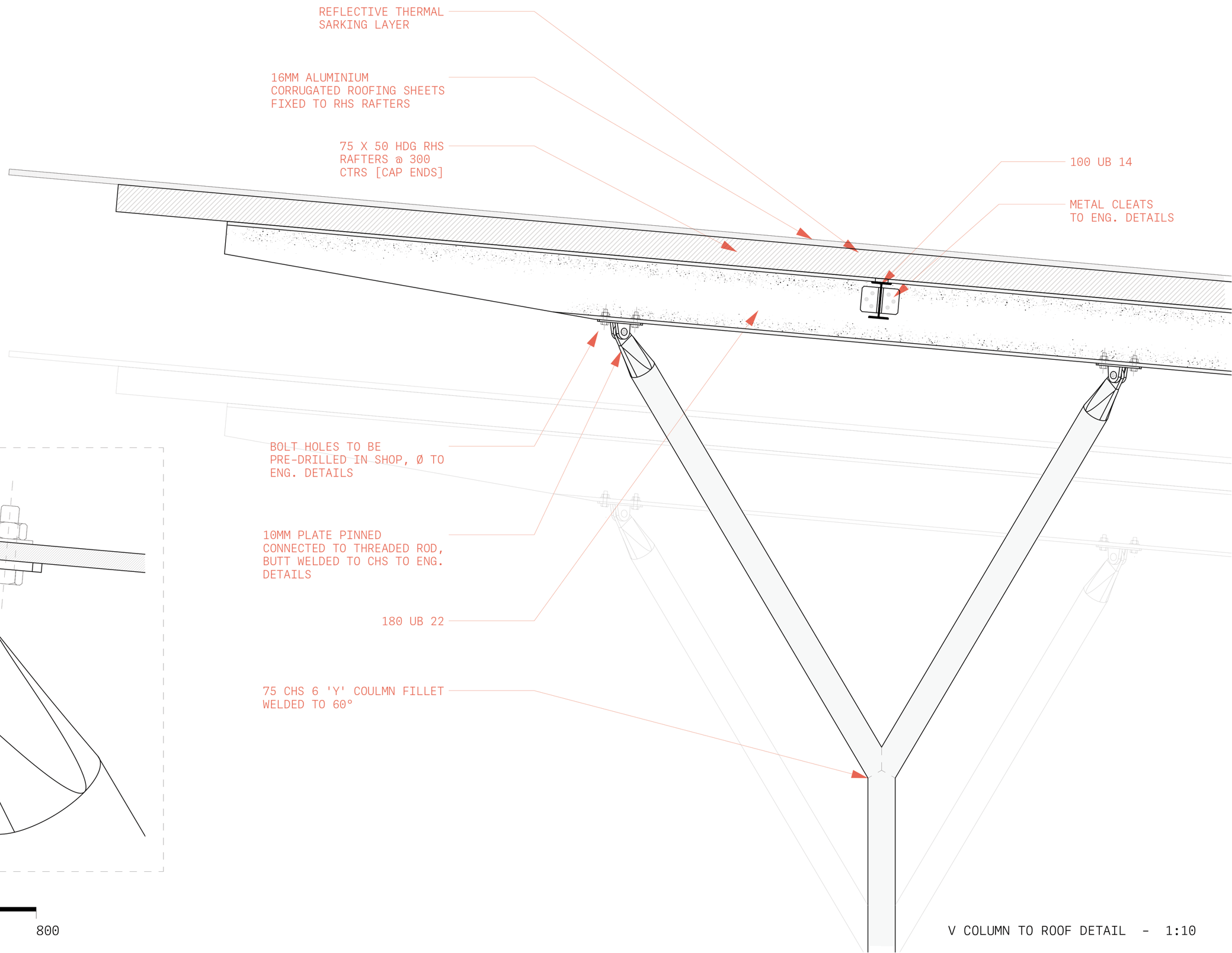


0 1 2 2 10

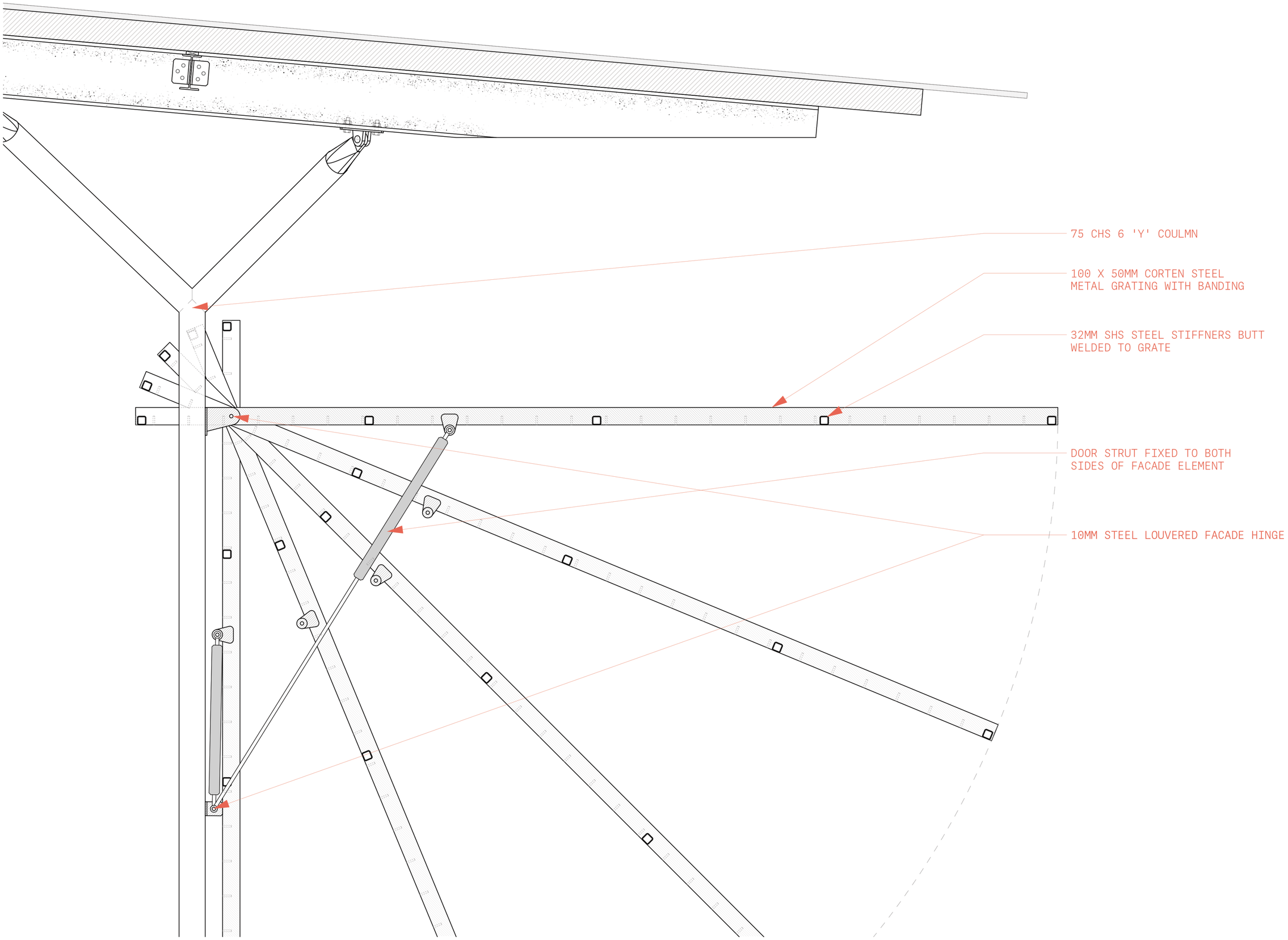
HOTHOUSE + INCUBATION WEST ELEVATION – 1:50



V COLUMN INSTALL AXO - NOT TO SCALE

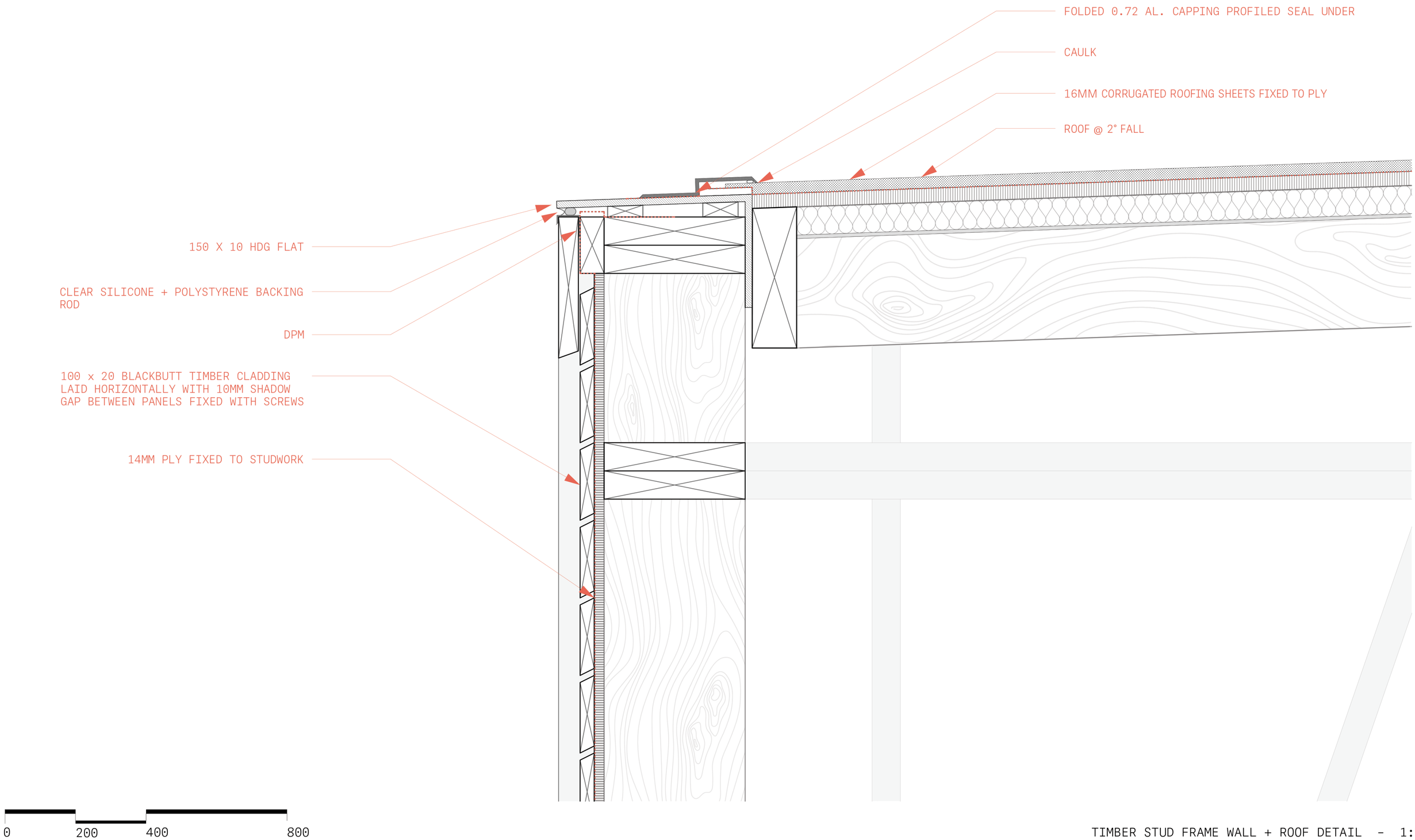


V COLUMN TO ROOF DETAIL - 1:10

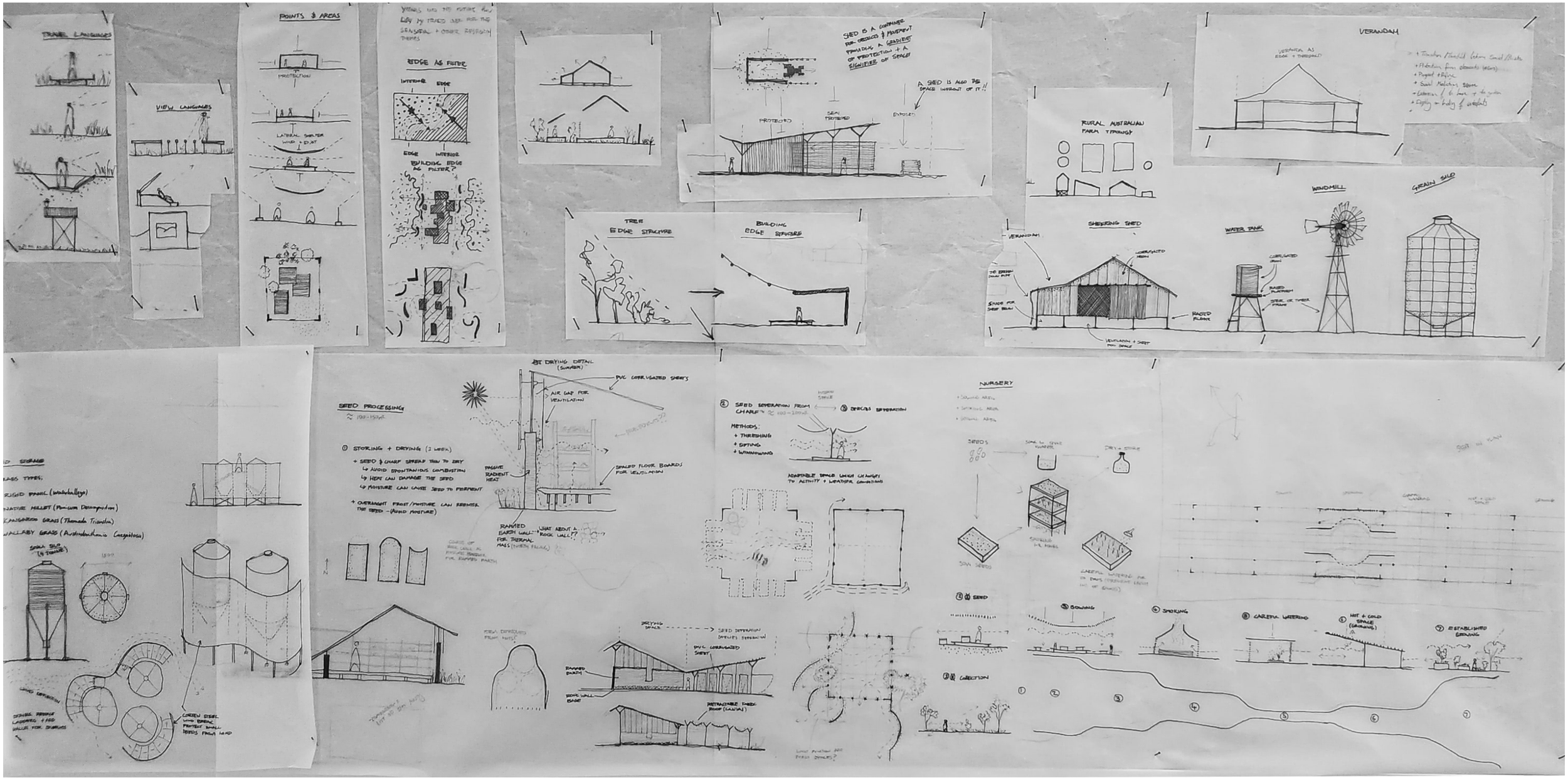


0 200 400 800

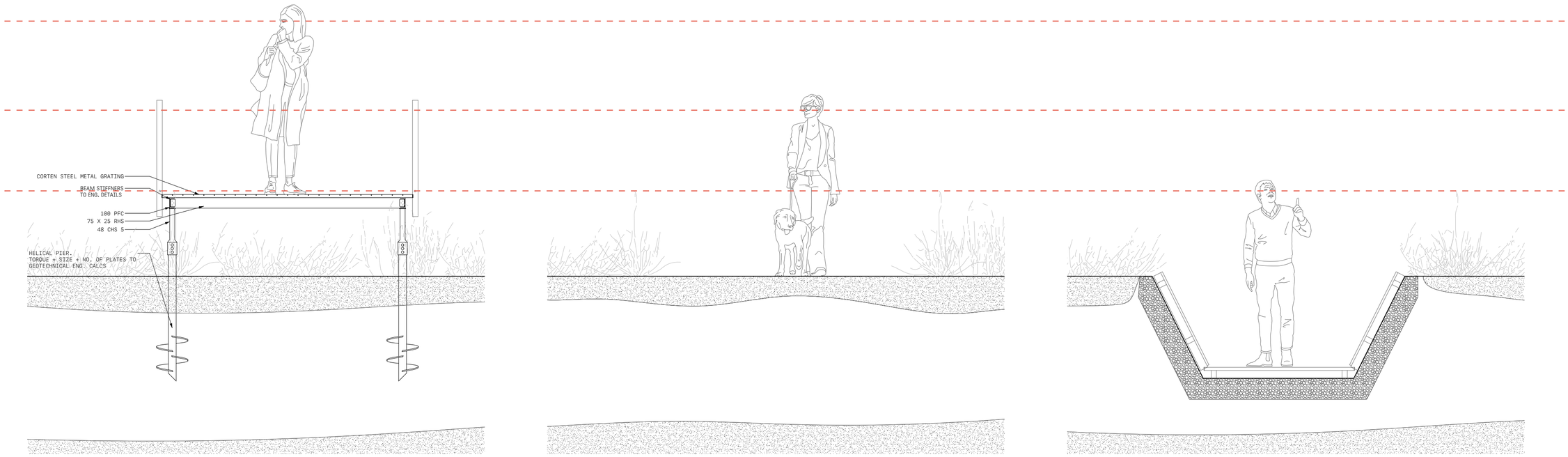
ADAPTABLE FACADE DETAIL - 1:10



TIMBER STUD FRAME WALL + ROOF DETAIL - 1:10


TRAVEL LANGUAGES
VIEW LANGUAGES
POINTS & AREAS
PROTECTION
LATERAL SHELTER WIND + HEAT
EDGE AS FILTER
INTERIOR EDGE
EDGE INTERIOR
BUILDING EDGE AS FILTER
SHED IS A CONTAINER PRE-DEFINED & MOVEMENT TRANSLATES A GRADIENT OF PROTECTION + A SIGNIFIER OF SPACE
A SHED IS ALSO THE SPACE INSIDE OF IT!!
PROTECTED
SEMI PROTECTED
EXPOSED
TREE EDGE STRUCTURE
BUILDING EDGE STRUCTURE
RURAL AUSTRALIAN FARM TYPOLOGY
VERANDAH
VERANDAH AS EDGE + THRESHOLD
SHEARING SHED
WATER TANK
WINDMILL
GRAIN SILO
VERANDAH
CORRUGATED IRON
SHADE FOR SHEEP BELOW
RAISED PLATFORM
VENTILATION + SHEEP MOVEMENT
CORRUGATED IRON
RAISED PLATFORM
STEEL OR TIMBER FRAME
SEED PROCESSING
① STORING + DRYING (2 WEEK)
+ SEED & CHAFF SPREAD THIN TO DRY
↳ AVOID SPONTANEOUS COMBUSTION
↳ HEAT CAN DAMAGE THE SEED
↳ MOISTURE CAN CAUSE SEED TO FERMENT
+ OVERNIGHT FROST/MOISTURE CAN FERMENT THE SEED - (AVOID MOISTURE)
DRYING DETAIL (SUMMER)
PVC CORRUGATED SHEETS
AIR GAP FOR VENTILATION
RAISED FLOOR BOARDS FOR VENTILATION
PASSIVE RADIENT HEAT
RAMMED EARTH WALL FOR THERMAL MASS (NORTH FACING)
WHAT ABOUT A ROCK WALL?
② SEED SEPERATION FROM CHAFF
③ DEBRIS SEPERATION
METHODS:
+ THRESHING
+ SIFTING
+ WINNOWING
ADAPTABLE SPACE WHICH CHANGES TO ACTIVITY + WEATHER CONDITIONS
NURSERY
SEEDS
SOAK SEEDS
④ SOWING
⑤ SPROUTING
⑥ CAREFUL WATERING
⑦ HOT + COLD SPACE (GROWING)
⑧ ESTABLISHED GROWING
⑨ COLLECTION
DRYING SPACE
SEED SEPERATION DEBRIS SEPERATION
PVC CORRUGATED SHEET
RAMMED EARTH
ROCK WALL BASE
RETRACTABLE TARPAULIN ROOF (CANVAS)
GRAINS TYPES:
RIGID BROME (Waterhallegy)
NATIVE MILLET (Panicum Decompositum)
KANGAROO GRASS (Themeda Triandra)
WALLABY GRASS (Austrodanthonia Caespitosa)
SOLAR SILO (4 TONNE)
GARDEN DISEL WIND ENGINE PROTECT SMALL SEEDS FROM WIND

SENSORY CURATION THROUGH HIERARCHY OF SPACE



0 1 2 2 10

TYPICAL PATH DETAILS - 1:20