APPENDIX G
POS CONCEPTS

AREA
SUBJECT TO
SEPERATE
FUTURE LSP

NORTH

0 50 100
METRES

PARKLAND HEIGHTS Baldivis
Local Structure Plan

Concept Landscape Masterplan

JULY 2012

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POS A
Neighbourhood Active POS
- Retention of Existing trees
- 'Blend' into existing northern POS
- Recreational facilities such as a small playground and street furniture
- Open active informal grassed area
- Fully irrigated
- All native trees and shrubs
- Drainage basin requirements
- Limited off street parking

POS C
Neighbourhood Active POS
- No existing vegetation
- Residential direct access into POS
- Recreational facilities such as a medium playground, street furniture, BBQ and shelter
- Open active informal grassed area
- 'Parkland Circuit'
- Fully irrigated
- All native trees and shrubs
- Drainage basin requirements
- Limited off street parkingh
- Limited lighting

POS D
Local Passive POS
- No existing vegetation
- Residential direct access into POS
- Recreational facilities such as street furniture
- 'Parkland Circuit'
- High proportion of tree planting
- Fully irrigated
- All native trees and shrubs
- Limited lighting

POS E
Local Passive POS
- No existing vegetation
- Residential direct access into POS
- Recreational facilities such as street furniture
- 'Parkland Circuit'
- High proportion of tree planting
- Fully irrigated
- All native trees and shrubs
- Limited off street parking
- Limited lighting

POS K
Neighbourhood Passive POS
- No existing vegetation
- Recreational facilities such as a small playground, street furniture
- 'Parkland Circuit'
- Open active informal grassed area
- Fully irrigated
- All native trees and shrubs
- Large drainage basin requirements
- Limited off street parking
- Limited lighting

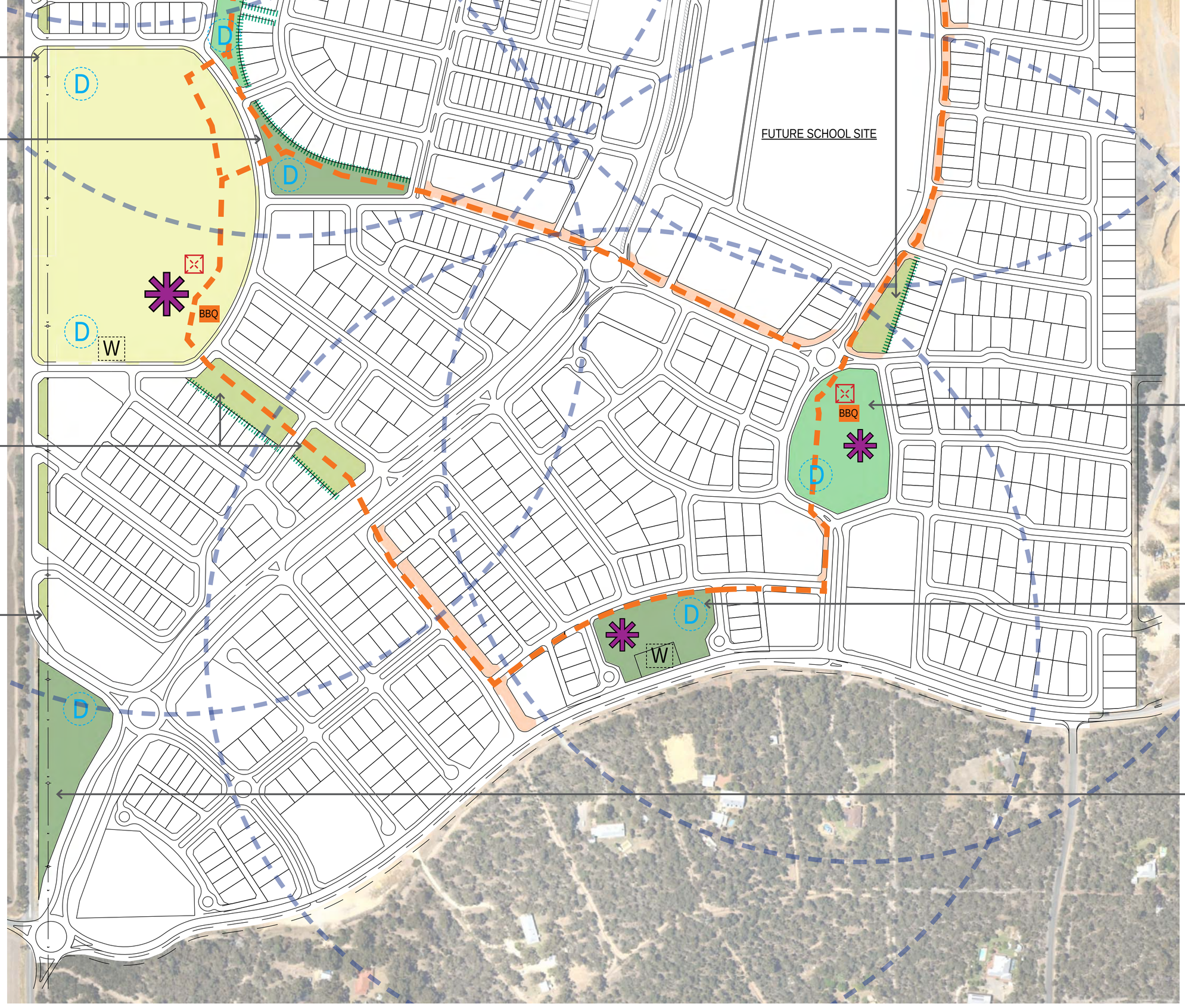
POS B
Local Passive POS
- Retention of Existing trees
- No recreational facilities
- All native trees and shrubs
- Sub-surface drainage infrastructure

POS F
District Active POS
- Retention of existing vegetation
- Community facility (by others)
- Informal Amphitheatre
- Recreational facilities such as a medium playground, street furniture, BBQ and shelter
- POS lighting
- Open active formal grassed oval
- 'Parkland Circuit'
- Fully irrigated
- All native trees and shrubs
- Drainage basin requirements
- Waste Water Treatment Plant location
- Car parking

POS G
Neighbourhood Passive POS
- No existing vegetation
- Residential direct access into POS
- Recreational facilities such as a street furniture
- High proportion of tree planting
- 'Parkland Circuit'
- Fully irrigated
- All native trees and shrubs
- Drainage basin requirements
- Limited off street parking
- Limited lighting

POS H + I
Local Passive POS
- No existing vegetation
- Residential direct access into POS
- Recreational facilities such as a street furniture
- Small informal grassed area
- 'Parkland Circuit'
- Fully irrigated
- All native trees and shrubs
- Limited lighting

POS J
Local Passive POS
- Retention of Existing trees
- No recreational facilities
- Fully irrigated
- All native trees and shrubs



POS L
Local Passive POS
- No existing vegetation
- Residential direct access into POS
- Recreational facilities such as street furniture
- 'Parkland Circuit'
- Small informal grassed area
- Fully irrigated
- All native trees and shrubs
- Limited off street parking
- Limited lighting

POS M
Neighbourhood Active POS
- No existing vegetation
- Recreational facilities such as a small playground, street furniture and shelter
- 'Parkland Circuit'
- Open active informal grassed area
- Fully irrigated
- All native trees and shrubs
- Drainage basin requirements
- Limited off street parking
- Limited lighting

POS N
Neighbourhood Passive POS
- No existing vegetation
- Recreational facilities such as a street furniture
- Open informal grassed area
- Fully irrigated
- All native trees and shrubs
- 'Parkland Circuit'
- Drainage basin requirements
- Waste Water Treatment Plant (to be confirmed)
- Limited off street parking

POS O
Neighbourhood Passive POS
- No existing vegetation
- Recreational facilities such as a street furniture
- High proportion of tree planting
- Open informal grassed area
- Fully irrigated
- All native trees and shrubs
- Drainage basin requirements

LEGEND

PUBLIC OPEN SPACE (POS)
- DISTRICT
- NEIGHBOURHOOD ACTIVE
- NEIGHBOURHOOD PASSIVE
- LOCAL PASSIVE

- GREEN LINK (WIDENED VERGE)
- 'PARKLAND CIRCUIT' PATH NETWORK
- W — WASTE WATER TREATMENT PLANT LOCATION
- PLAYGROUND LOCATION

- RESIDENTIAL FACING POS
- D — DRAINAGE REQUIREMENTS
- SMALL OPEN SHELTER LOCATION
- BBQ — BBQ FACILITIES LOCATION
- 400M WALKABLE CATCHMENT (FROM PLAYGROUND)

NORTH

0 50 100 METRES

PARKLAND HEIGHTS Baldivis
Local Structure Plan

POS OVERALL STRATEGY

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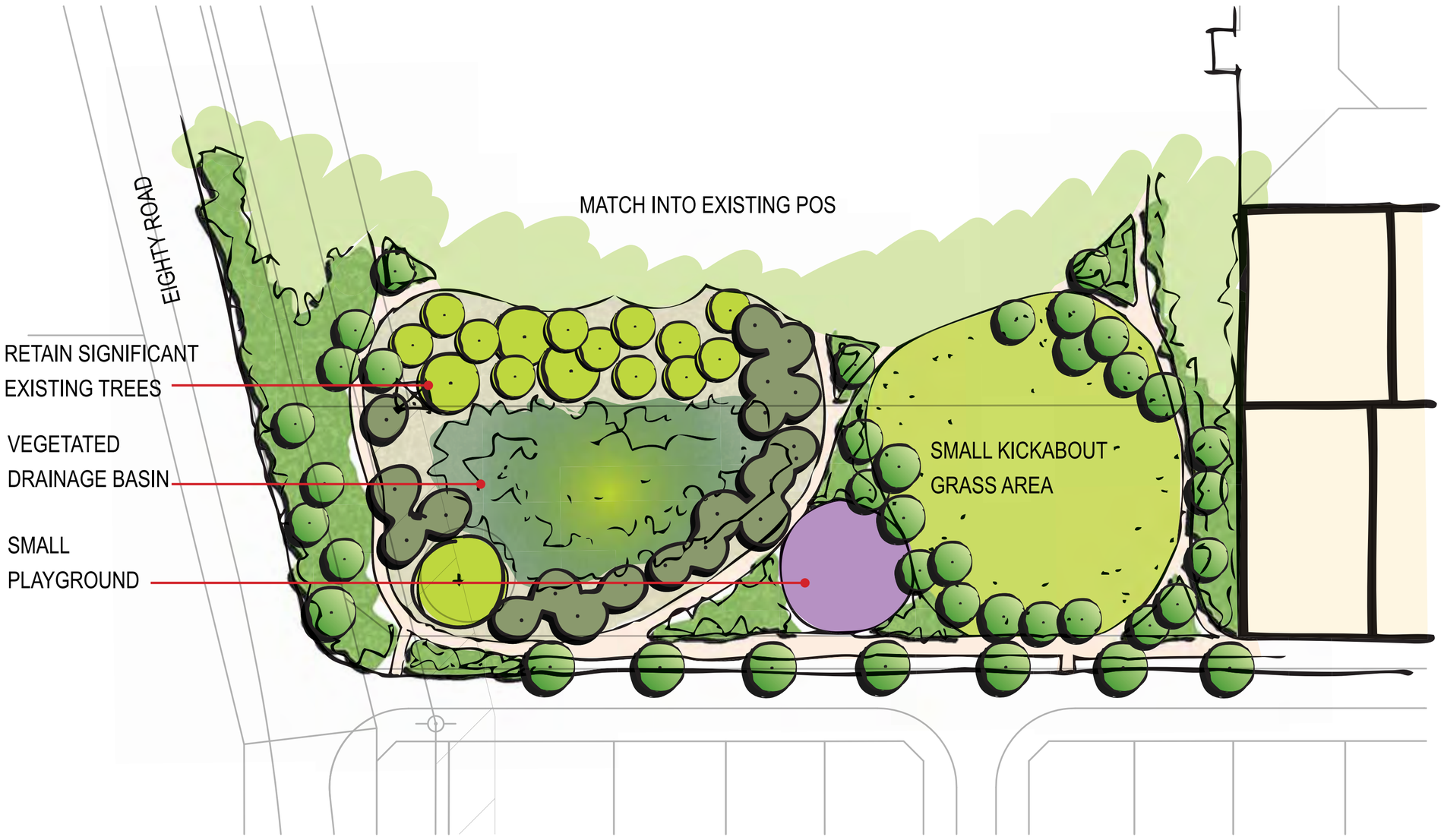
POS A



CONCEPT

- PROVIDE AN ACTIVE NEIGHBOURHOOD POS, WHICH INTEGRALLY LINKS WITH THE EXISTING (NORTHERN) POS THROUGH THE PEDESTRIAN PATH NETWORK AND PROVIDING CLEAR SITE LINES BETWEEN THE TWO AREAS.
- MAXIMISE THE AMOUNT OF TREES TO BE RETAINED
- USE MATERIALS WHICH MATCH OR COMPLIMENT THE MATERIALS USED IN THE EXISTING POS.

FUNCTIONS/MATERIALS

- PROVIDE FOR WATER STORAGE THROUGH A VEGETATED DRAINAGE BASIN
- PROVIDE FOR INFORMAL ACTIVE USES ON AN OPEN GRASSED AREA
- PROVIDE A SMALL PLAYGROUND WITH INFORMAL SEATING
- PROVIDE A NETWORK OF PATH SYSTEMS THAT LINKS INTO THE EXISTING PATH NETWORK.
- COPSES OF NATIVE TREES
- NATIVE SHRUB PLANTING
- FULLY IRRIGATED

PLANT STRATEGY

- PLANT SPECIES TO PREDOMINANTLY MATCH EXISTING NORTHERN POS (WHERE APPROPRIATE)
- RETAIN TREES ALONG NORTHERN BOUNDARY TO PROVIDE INSTANT CHARACTER AND SHADE.
- CLEAR UNDERSTOREY AND MEDIUM HEIGHT SHRUB PLANTINGS ALONG THE NORTHEN BOUNDARY TO ALLOW FOR VIEWS AND ACCESS BETWEEN THE NEW AND EXISTING POS.
- NATIVE WETLAND SPECIES WITHIN THE DRAINAGE BASIN
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS.
- PLANTS WILL PREDOMINANTLY BE WATER WISE.

DRAINAGE (As per Serling data - dated DEC 2011)

- CATCHMENT AREA 2.12 HECTARES
  - 1:1 STORM VOLUME 200 CU.M
  - 1:5 STORM VOLUME 400 CU.M
  - 1:10 STORM VOLUME 480 CU.M
  - 1:100 STORM VOLUME 820 CU.M

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

IRRIGATION STRATEGY

- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED

KEY PLAN

PARKLAND HEIGHTS Baldivis
Local Structure Plan

POS Broad Concept Plan

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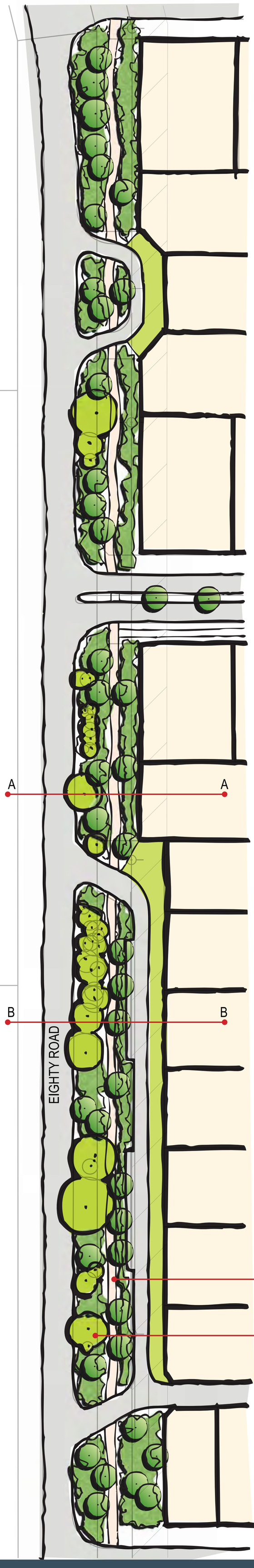
POS B



CONCEPT

- PROVIDE A PASSIVE LOCAL POS, INCLUDING A NORTH SOUTH ACCESS PATH CONNECTING POS A AND THE DISTRICT POS F
- RETAIN (WHERE POSSIBLE) EXISTING TREES
- PROVIDE NATIVE TREE AND SHRUB PLANTING TO CREATE A BUFFER BETWEEN EIGHTY ROAD AND PARKLAND HEIGHTS
- PLANTING IS TO DISPLAY THE PARKLAND HEIGHTS PLANTING STRATEGY - PREDOMINANTLY NATIVE

FUNCTIONS/MATERIALS

- PROVIDE NORTH SOUTH PEDESTRIAN ACCESS
- PROVIDE A SOFT BUFFER BETWEEN THE RESIDENTIAL AREA AND EIGHTY ROAD
- COPSES OF NATIVE TREES
- NATIVE SHRUB PLANTING (LOW)
- FULLY IRRIGATED

DRAINAGE (As per Serling data - dated DEC 2011)

- NO ABOVE GROUND CATCHMENT (DRAINAGE BASIN)
- PROPOSED SUB-SURFACE INFILITRATION SYSTEM

PLANT STRATEGY

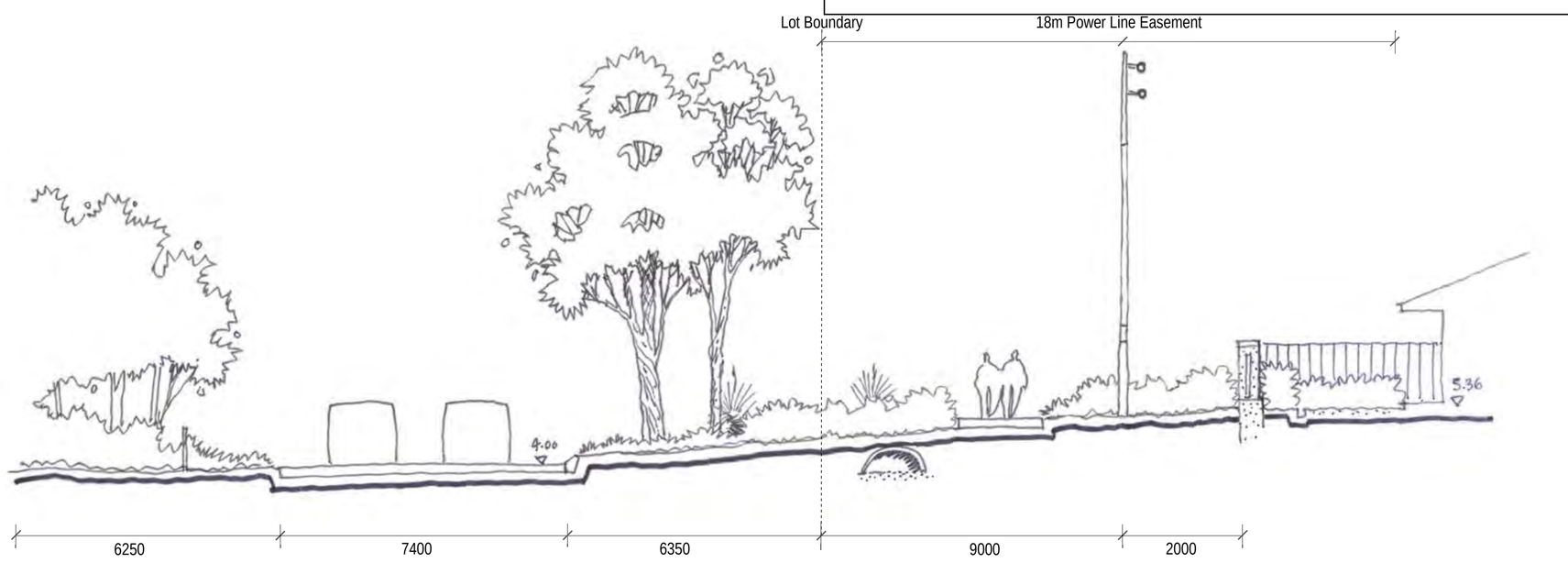
- RETAIN (WHERE POSSIBLE) EXISTING TREES TO PROVIDE INSTANT CHARACTER, SHADE AND POINTS OF ORIENTATION
- CLEAR ENTIRE UNDERSTOREY TO ALLOW FOR PLANTING OF THE PARKLAND HEIGHTS PLANTING PALETTE
- TREE COPSES, AS OPPOSED TO AN AVENUE OF TREES
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.
- CONSIDER OVERHEAD POWER LINE EASEMENT

ENVIRONMENTAL RESPONSE

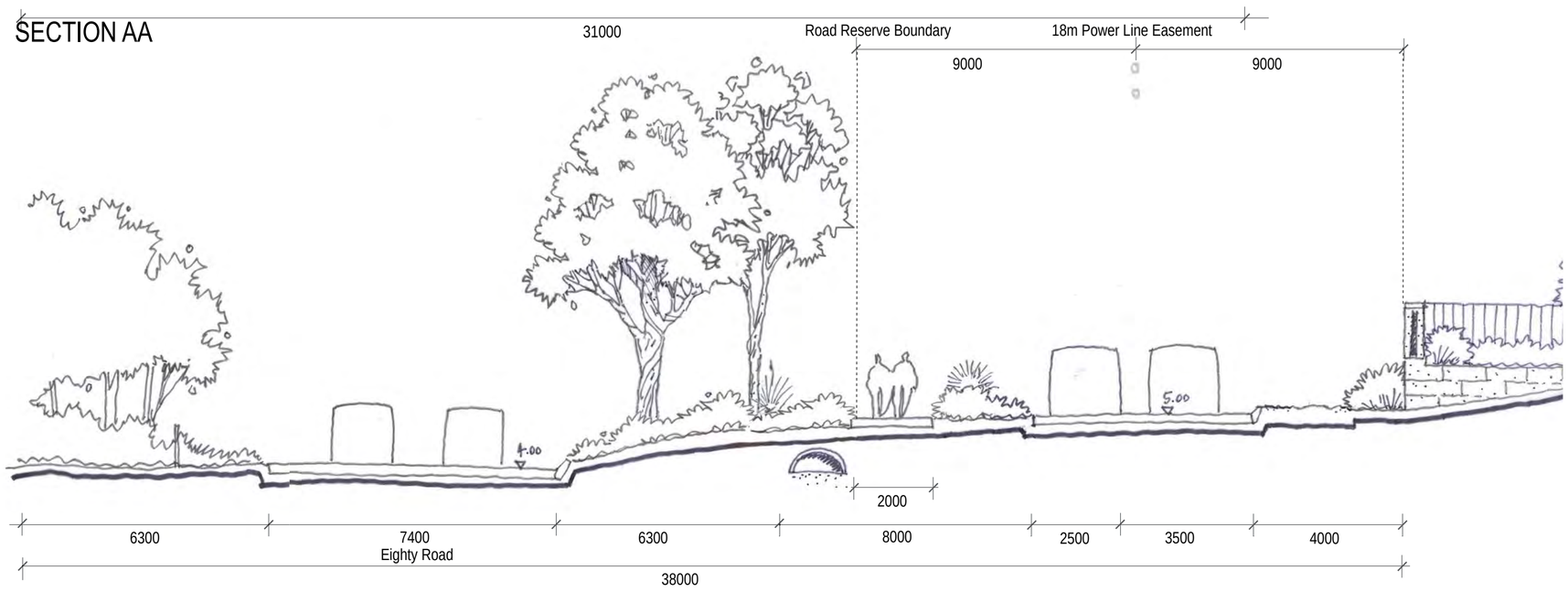
- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

IRRIGATION STRATEGY

- ALL NEW SHRUB PLANTING TO BE IRRIGATED FOR 5 YEARS WITH THE INTENTION OF TURNING VERGE IRRIGATION OFF AFTER THIS TIME



SECTION AA



SECTION BB

PEDESTRIAN ACCESS PATH

RETAIN SIGNIFICANT EXISTING TREES

KEY PLAN

NORTH

0 10 20 METRES

PARKLAND HEIGHTS Baldivis
Local Structure Plan

POS Broad Concept Plan

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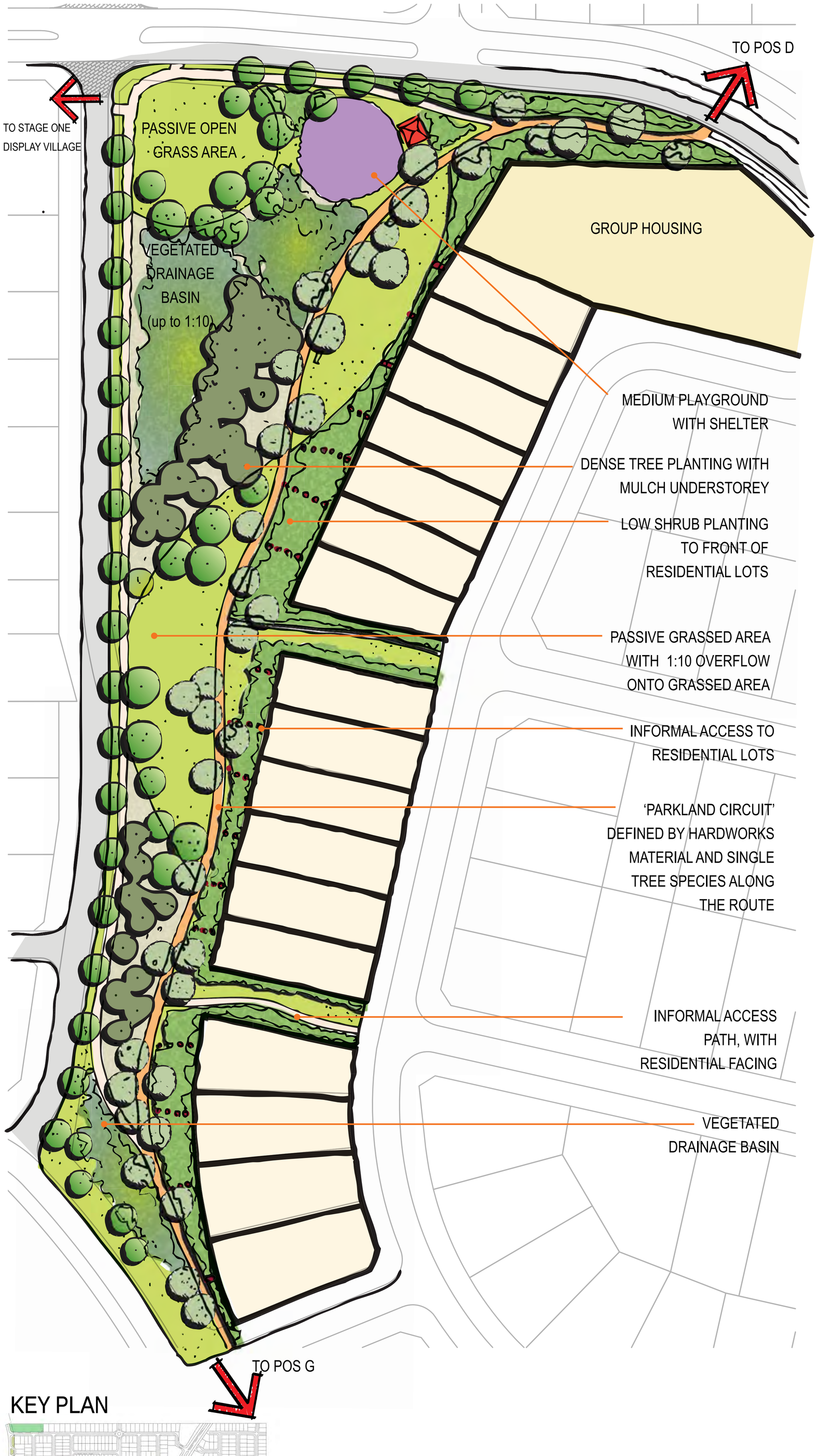
POS C



KEY PLAN

CONCEPT

- PROVIDE AN ACTIVE NEIGHBOURHOOD POS, FRONTING ONTO RESIDENTIAL LOTS.
- APPROPRIATELY LOCATE ALL FUNCTIONS TO TAKE INTO CONSIDERATION NOISE AND IMPACT ON ADJACENT RESIDENTS
- MAJOR COMPONENT OF THE 'PARKLAND CIRCUIT' PEDESTRIAN NETWORK
- CREATE VISUAL IMPACT THROUGH LANDSCAPE (TREE PLANTING AND MOUNDING) TO THE NORTHERN END OF THE POS FOR THE STAGE ONE WORKS

FUNCTIONS/MATERIALS

- PROVIDE FOR WATER STORAGE THROUGH A VEGETATED BASIN
- PROVIDE FOR INFORMAL ACTIVE USES ON AN OPEN GRASSED AREA
- PROVIDE A MEDIUM PLAYGROUND WITH INFORMAL SEATING
- PROVIDE A SHELTER AND PUBLIC FACILITIES SUCH AS PICNIC SETTING AND BBQ'S
- LINKAGES INTO THE 'PARKLAND CIRCUIT' PEDESTRIAN PATH NETWORK
- COPSES OF NATIVE TREES
- NATIVE SHRUB PLANTING
- FULLY IRRIGATED
- EXERCISE NODES

PLANT STRATEGY

- PLANT SPECIES TO PREDOMINANTLY NATIVE
- TREES TO BE PLANTED IN COPSES AND LOCATED AWAY FROM THE RESIDENTIAL LOTS TO ENSURE THEIR IS CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- NATIVE WETLAND SPECIES WITHIN THE DRAINAGE BASIN
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.

DRAINAGE (As per Serling data - dated DEC 2011)

- CATCHMENT AREA 3.43 HECTARES
  - 1:1 STORM VOLUME 260 CU.M
  - 1:5 STORM VOLUME 650 CU.M
  - 1:10 STORM VOLUME 790 CU.M
  - 1:100 STORM VOLUME 1480 CU.M
- CATCHMENT AREA 1.10 HECTARES
  - 1:1 STORM VOLUME 60 CU.M
  - 1:5 STORM VOLUME 130 CU.M
  - 1:10 STORM VOLUME 170 CU.M
  - 1:100 STORM VOLUME 310 CU.M

IRRIGATION STRATEGY

- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED
- TEMPORARY IRRIGATION TO DENSE TREE PLANTING

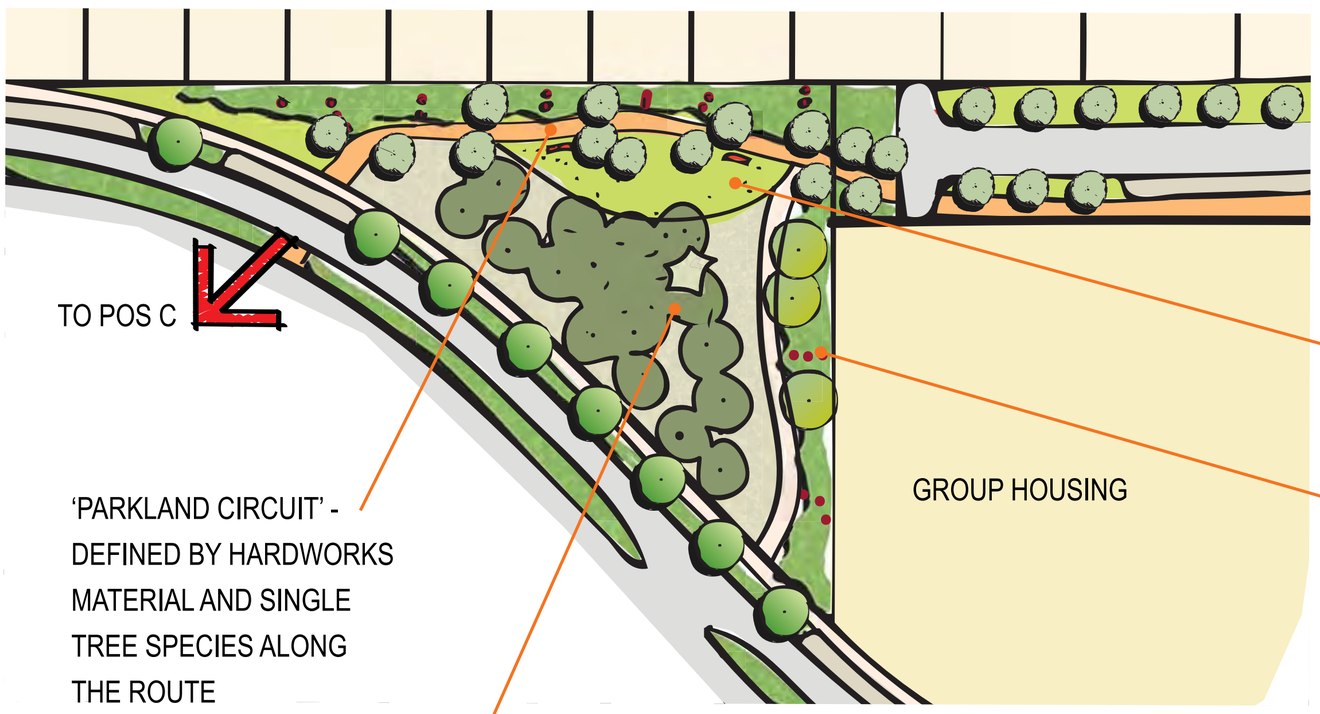
ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

NORTH

0 10 20 METRES

POS D



CONCEPT

- PROVIDE PASSIVE POS, FRONTING ONTO RESIDENTIAL LOTS.
- APPROPRIATELY LOCATE ALL FUNCTIONS TO TAKE INTO CONSIDERATION NOISE AND IMPACT ON ADJACENT RESIDENTS
- COMPONENT OF THE 'PARKLAND CIRCUIT' PEDESTRIAN NETWORK
- CREATE VISUAL IMPACT THROUGH DENSE TREE PLANTING, WITH THE INTENTION OF CREATING POCKETS OF BUSHLAND FOR THE FUTURE COMMUNITY.
- UNDERSTOREY IS TO BE MULCH AND GRASS POCKETS FOR PASSIVE RECREATION.
- LIMITED SHRUB PLANTING TO MINIMISE LONG TERM MAINTENANCE REQUIREMENTS.

FUNCTIONS/MATERIALS

- PROVIDE FOR INFORMAL PASSIVE USES ON SMALL GRASSED AREA
- LINK INTO THE EXISTING PATH NETWORK.
- COPSES OF NATIVE TREES, DENSELY PLANTED
- NATIVE SHRUB PLANTING
- FULLY IRRIGATED
- EXERCISE NODES

PLANT STRATEGY

- TREE COPSES AT A HIGH DENSITY
- PLANTING TO BE PREDOMINANTLY NATIVE
- TREES TO BE CLEAR STEMMED AND APPROPRIATELY LOCATED TO ENSURE THERE ARE CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.

DRAINAGE (As per Serling data - dated DEC 2011)

- NO ABOVE GROUND CATCHMENT (DRAINAGE BASIN)

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

IRRIGATION STRATEGY

- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED
- TEMPORARY IRRIGATION TO DENSE TREE PLANTING

KEY PLAN

POS E

CONCEPT

- PROVIDE PASSIVE POS, FRONTING ONTO RESIDENTIAL LOTS.
- APPROPRIATELY LOCATE ALL FUNCTIONS TO TAKE INTO CONSIDERATION NOISE AND IMPACT ON ADJACENT RESIDENTS
- COMPONENT OF THE 'PARKLAND CIRCUIT' PEDESTRIAN NETWORK
- CREATE VISUAL IMPACT THROUGH DENSE TREE PLANTING, WITH THE INTENTION OF CREATING POCKETS OF BUSHLAND FOR THE FUTURE COMMUNITY.
- UNDERSTOREY IS TO BE MULCH AND GRASS POCKETS FOR PASSIVE RECREATION.
- LIMITED SHRUB PLANTING TO MINIMISE LONG TERM MAINTENANCE REQUIREMENTS.

FUNCTIONS/MATERIALS

- PROVIDE FOR INFORMAL PASSIVE USES ON SMALL GRASSED AREA
- LINK INTO THE EXISTING PATH NETWORK.
- COPSES OF NATIVE TREES, DENSELY PLANTED
- NATIVE SHRUB PLANTING
- FULLY IRRIGATED
- EXERCISE NODES

PLANT STRATEGY

- TREE COPSES AT A HIGH DENSITY
- PLANTING TO BE PREDOMINANTLY NATIVE
- TREES TO BE CLEAR STEMMED AND APPROPRIATELY LOCATED TO ENSURE THERE ARE CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.

DRAINAGE (As per Serling data - dated DEC 2011)

- PROPOSED SWALE OR BELOW GROUND INFILTRATION SYSTEM

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

IRRIGATION STRATEGY

- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED
- TEMPORARY IRRIGATION TO DENSE TREE PLANTING

KEY PLAN

PARKLAND HEIGHTS Baldivis
Local Structure Plan

POS Broad Concept Plan

JULY 2012

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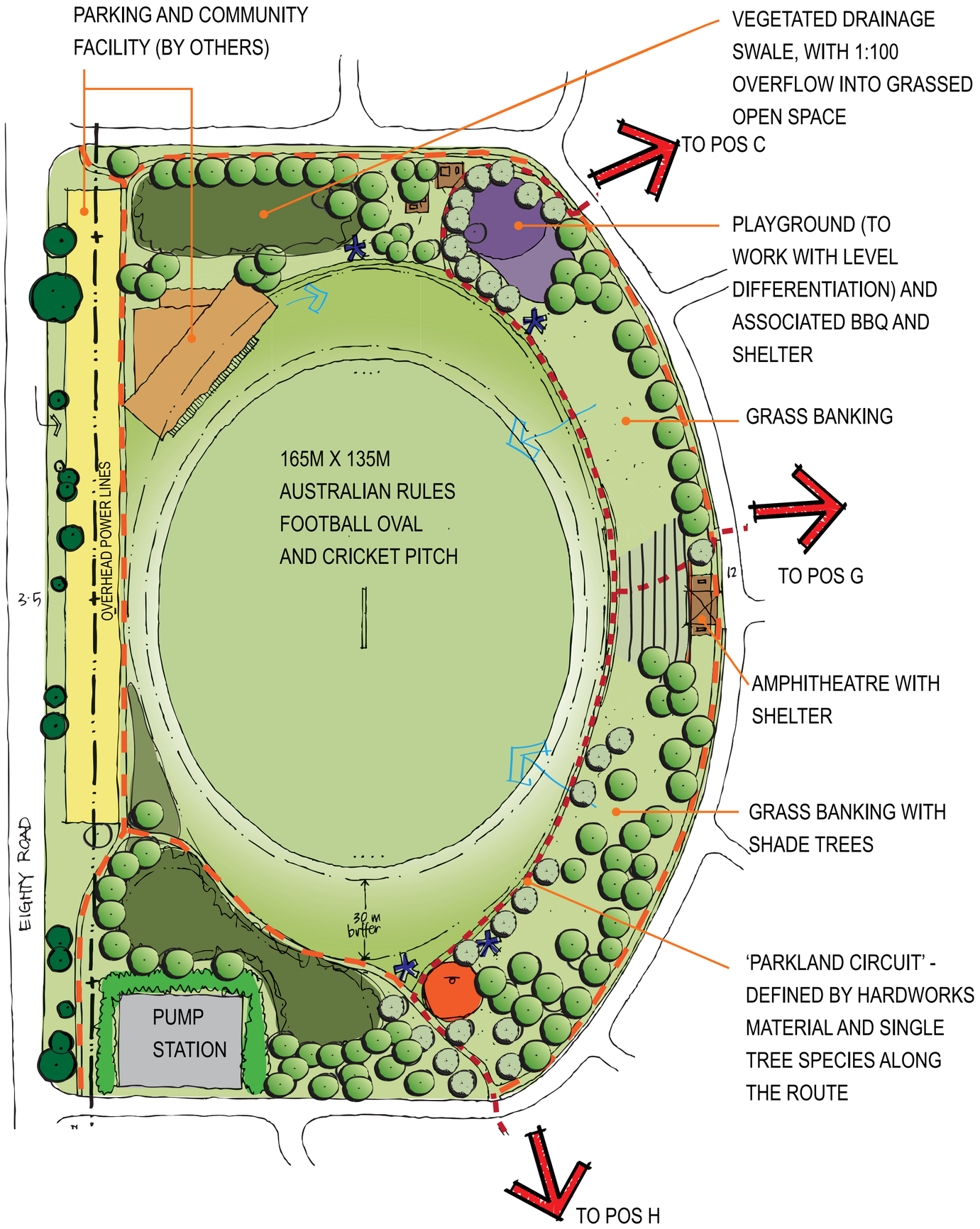
POS F



CONCEPT

- PROVIDE AN ACTIVE DISTRICT POS, WITH A LARGE FLAT GRASSED OVAL FOR FORMAL RECREATION PURPOSES (OVAL MAY BE UNDERSIZED), AND A GRASSED AMPHITHEATRE FOR VIEWING SPORTING ACTIVITIES
- MAJOR COMPONENT OF THE 'PARKLAND CIRCUIT' PEDESTRIAN NETWORK
- SMALL COMMUNITY BUILDING (BY OTHERS) TO PROVIDE PUBLIC FACILITIES SUCH AS TOILETS AND MEETING ROOMS
- LANDSCAPE TO BUFFER THE WASTE WATER TREATMENT PLANT

FUNCTIONS/MATERIALS

- PROVIDE FOR WATER STORAGE THROUGH A VEGETATED BASIN
- PROVIDE FOR FORMAL ACTIVE USES ON A LARGE OPEN GRASSED AREA
- PROVIDE A MEDIUM PLAYGROUND WITH INFORMAL SEATING
- PROVIDE A SHELTER AND PUBLIC FACILITIES SUCH AS PICNIC SETTING AND BBQ'S
- PROVIDE AMPHITHEATRE FOR VIEWING SPORTING ACTIIVITIES
- PROVIDE ON STREET CAR PARKING AS REQUIRED BY THE CITY OF ROCKINGHAM
- LINKAGES INTO THE 'PARKLAND CIRCUIT' PEDESTRIAN PATH NETWORK
- COPSES OF NATIVE TREES
- NATIVE SHRUB PLANTING
- FULLY IRRIGATED
- POS LIGHTING

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION
- RETAIN EXISTING TREES

IRRIGATION STRATEGY

- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED

PLANT STRATEGY

- PLANT SPECIES TO PREDOMINANTLY NATIVE
- TREES TO BE PLANTED IN COPSES AND LOCATED AWAY FROM THE RESIDENTIAL LOTS TO ENSURE THERE ARE CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- NATIVE WETLAND SPECIES WITHIN THE DRAINAGE BASIN
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.

DRAINAGE (As per Serling data - dated DEC 2011)

- CATCHMENT AREA 1.27 HECTARES
  - 1:1 STORM VOLUME 10 CU.M
  - 1:5 STORM VOLUME 140 CU.M
  - 1:10 STORM VOLUME 230 CU.M
  - 1:100 STORM VOLUME 860 CU.M
- CATCHMENT AREA 2.75 HECTARES
  - 1:1 STORM VOLUME 140 CU.M
  - 1:5 STORM VOLUME 440 CU.M
  - 1:10 STORM VOLUME 570 CU.M
  - 1:100 STORM VOLUME 1180 CU.M

KEY PLAN

NORTH

0 20 40 METRES

PARKLAND HEIGHTS Baldivis
Local Structure Plan

POS Broad Concept Plan

JULY 2012

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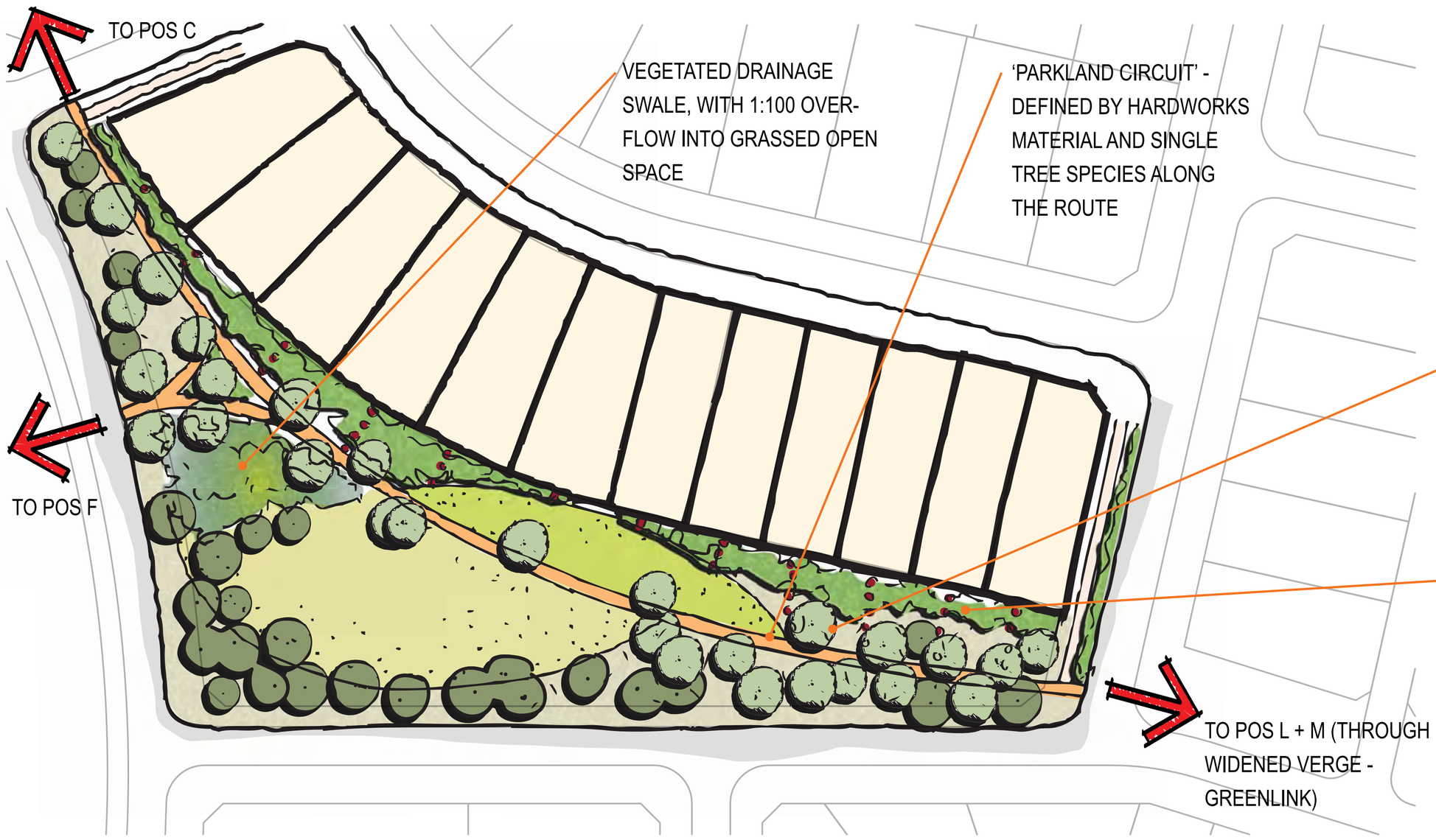
POS G



CONCEPT

- PROVIDE A PASSIVE NEIGHBOURHOOD POS, FRONTING ONTO RESIDENTIAL LOTS.
- APPROPRIATELY LOCATE ALL FUNCTIONS TO TAKE INTO CONSIDERATION NOISE AND IMPACT ON ADJACENT RESIDENTS
- COMPONENT OF THE 'PARKLAND CIRCUIT' PEDESTRIAN NETWORK
- CREATE VISUAL IMPACT THROUGH DENSE TREE PLANTING, WITH THE INTENTION OF CREATING POCKETS OF BUSHLAND FOR THE FUTURE COMMUNITY.

DRAINAGE (As per Serling data - dated DEC 2011)

- CATCHMENT AREA 1.89 HECTARES
  - 1:1 STORM VOLUME 140 CU.M
  - 1:5 STORM VOLUME 270 CU.M
  - 1:10 STORM VOLUME 320 CU.M
  - 1:100 STORM VOLUME 380 CU.M

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

FUNCTIONS/MATERIALS

- PROVIDE FOR WATER STORAGE THROUGH A VEGETATED BASIN
- PROVIDE FOR INFORMAL ACTIVE USES ON AN OPEN GRASSED AREA
- LINKAGES INTO THE 'PARKLAND CIRCUIT' PEDESTRIAN PATH NETWORK
- COPSES OF NATIVE TREES
- NATIVE SHRUB PLANTING
- FULLY IRRIGATED
- EXERCISE NODES

IRRIGATION STRATEGY

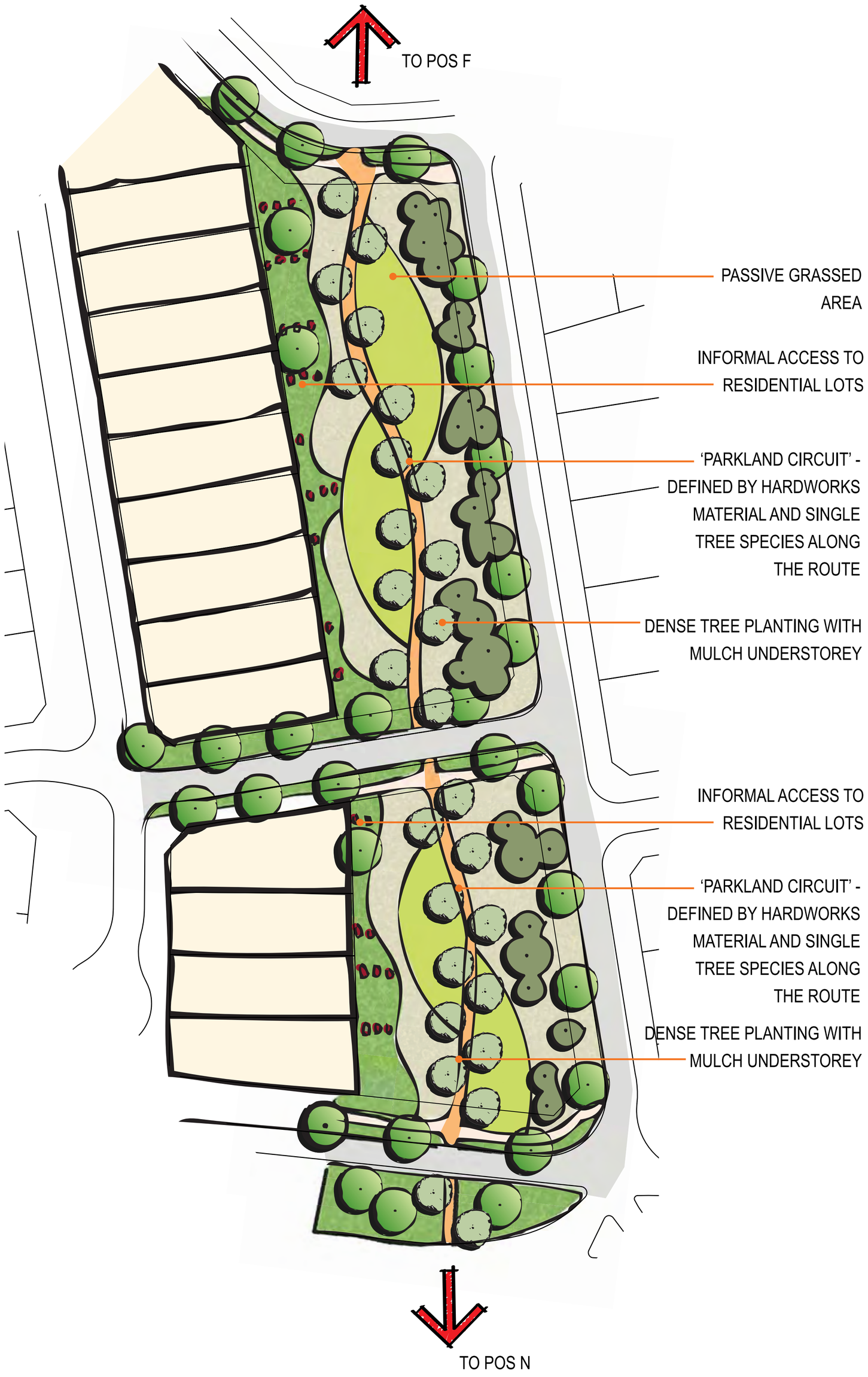
- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED
- TEMPORARY IRRIGATION TO DENSE TREE PLANTING

PLANT STRATEGY

- PLANT SPECIES TO PREDOMINANTLY NATIVE
- TREES TO BE PLANTED IN COPSES AND LOCATED AWAY FROM THE RESIDENTIAL LOTS TO ENSURE THERE IS CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- NATIVE WETLAND SPECIES WITHIN THE DRAINAGE BASIN
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.

KEY PLAN

POS H + I



CONCEPT

- PROVIDE PASSIVE POS, FRONTING ONTO RESIDENTIAL LOTS.
- APPROPRIATELY LOCATE ALL FUNCTIONS TO TAKE INTO CONSIDERATION NOISE AND IMPACT ON ADJACENT RESIDENTS
- COMPONENT OF THE 'PARKLAND CIRCUIT' PEDESTRIAN NETWORK
- CREATE VISUAL IMPACT THROUGH DENSE TREE PLANTING, WITH THE INTENTION OF CREATING POCKETS OF BUSHLAND FOR THE FUTURE COMMUNITY.
- UNDERSTOREY IS TO BE MULCH AND GRASS POCKETS FOR PASSIVE RECREATION.
- LIMITED SHRUB PLANTING TO MINIMISE LONG TERM MAINTENANCE REQUIREMENTS.

FUNCTIONS/MATERIALS

- PROVIDE FOR INFORMAL PASSIVE USES ON SMALL GRASSED AREA
- COPSES OF NATIVE TREES, DENSELY PLANTED
- NATIVE SHRUB PLANTING
- FULLY IRRIGATED
- EXERCISE NODES

PLANT STRATEGY

- TREE COPSES AT A HIGH DENSITY
- PLANTING TO BE PREDOMINANTLY NATIVE
- TREES TO BE CLEAR STEMMED AND APPROPRIATELY LOCATED TO ENSURE THERE ARE CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.

DRAINAGE (As per Serling data - dated DEC 2011)

- PROPOSED SWALE OR BELOW GROUND INFILTRATION SYSTEM

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

IRRIGATION STRATEGY

- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED
- TEMPORARY IRRIGATION TO DENSE TREE PLANTING

KEY PLAN

NORTH

0 10 20 METRES

PARKLAND HEIGHTS Baldivis
Local Structure Plan

POS Broad Concept Plan

JULY 2012

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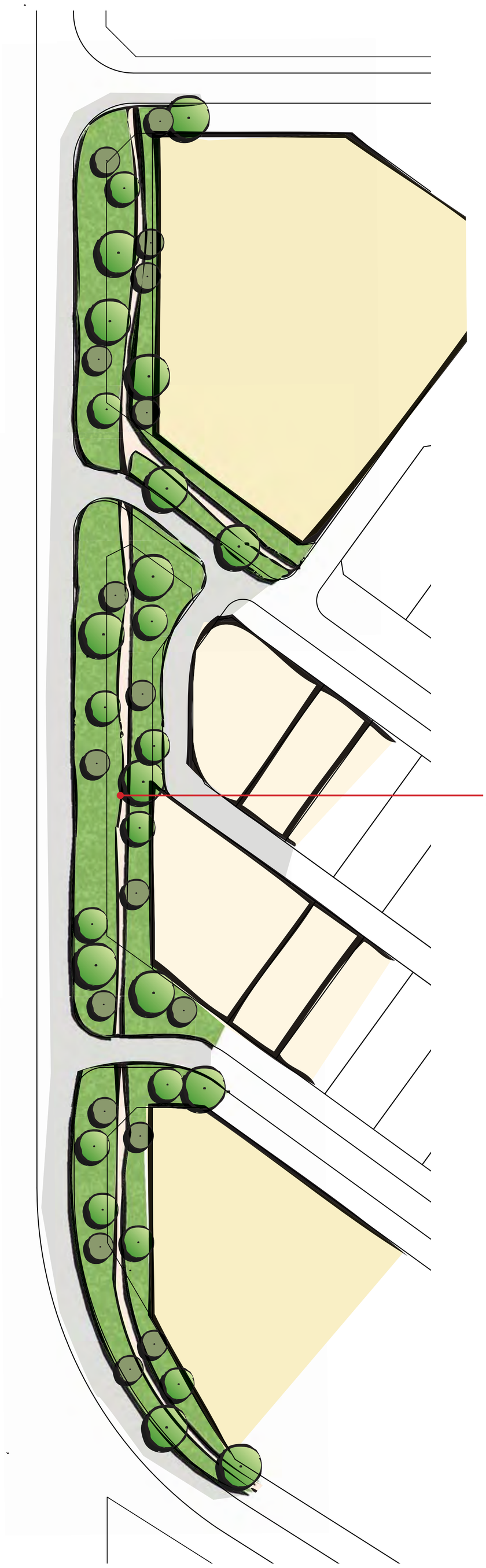
POS J



CONCEPT

- PROVIDE A PASSIVE LOCAL POS, INCLUDING A NORTH SOUTH ACCESS PATH
- RETAIN (WHERE POSSIBLE) EXISTING TREES
- PROVIDE NATIVE TREE AND SHRUB PLANTING TO CREATE A BUFFER BETWEEN EIGHTY ROAD AND PARKLAND HEIGHTS
- PLANTING IS TO DISPLAY THE PARKLAND HEIGHTS PLANTING STRATEGY - PREDOMINANTLY NATIVE

FUNCTIONS/MATERIALS

- PROVIDE NORTH SOUTH PEDESTRIAN ACCESS
- PROVIDE A SOFT BUFFER BETWEEN THE RESIDENTIAL AREA AND EIGHTY ROAD
- COPSES OF NATIVE TREES
- NATIVE SHRUB PLANTING (LOW)
- FULLY IRRIGATED

PLANT STRATEGY

- RETAIN (WHERE POSSIBLE) EXISTING TREES TO PROVIDE INSTANT CHARACTER, SHADE AND POINTS OF ORIENTATION
- CLEAR ENTIRE UNDERSTOREY TO ALLOW FOR PLANTING OF THE PARKLAND HEIGHTS PLANTING PALETTE
- TREE COPSES, AS OPPOSED TO AN AVENUE OF TREES
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.
- CONSIDER OVERHEAD POWER LINE EASEMENT

DRAINAGE (As per Serling data - dated DEC 2011)

- NO ABOVE GROUND CATCHMENT (DRAINAGE BASIN)
- PROPOSED SUB-SURFACE INFILITRATION SYSTEM

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

IRRIGATION STRATEGY

- ALL NEW SHRUB PLANTING TO BE IRRIGATED FOR 5 YEARS WITH THE INTENTION OF TURNING VERGE IRRIGATION OFF AFTER THIS TIME

KEY PLAN

POS K

CONCEPT

- PROVIDE A PASSIVE NEIGHBOURHOOD POS,
- APPROPRIATELY LOCATE ALL FUNCTIONS TO TAKE INTO CONSIDERATION NOISE AND IMPACT ON ADJACENT RESIDENTS
- COMPONENT OF THE 'PARKLAND CIRCUIT' PEDESTRIAN NETWORK

FUNCTIONS/MATERIALS

- PROVIDE FOR WATER STORAGE THROUGH A VEGETATED BASIN
- PROVIDE FOR INFORMAL ACTIVE USES ON AN OPEN GRASSED AREA
- PROVIDE A SMALL PLAYGROUND WITH INFORMAL SEATING
- PROVIDE PUBLIC FACILITIES SUCH AS PICNIC SETTING AND BBQ'S
- LINKAGES INTO THE 'PARKLAND CIRCUIT' PEDESTRIAN PATH NETWORK
- COPSES OF NATIVE TREES
- PREDOMINANTLY NATIVE SHRUB PLANTING
- FULLY IRRIGATED
- EXERCISE NODES

PLANT STRATEGY

- PLANT SPECIES TO PREDOMINANTLY NATIVE
- TREES TO BE PLANTED IN COPSES AND LOCATED AWAY FROM THE RESIDENTIAL LOTS TO ENSURE THEIR IS CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- NATIVE WETLAND SPECIES WITHIN THE DRAINAGE BASIN
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE..

DRAINAGE (As per Serling data - dated DEC 2011)

- CATCHMENT AREA 3.77 HECTARES
  - 1:1 VOLUME 300 CU.M
  - 1:5 VOLUME 740 CU.M
  - 1:10 VOLUME 910 CU.M
  - 1:100 VOLUME 1700 CU.M

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

IRRIGATION STRATEGY

- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED
- TEMPORARY IRRIGATION TO DENSE TREE PLANTING

KEY PLAN

NORTH

0 10 20 METRES

PARKLAND HEIGHTS Baldivis
Local Structure Plan

POS Broad Concept Plan

JULY 2012

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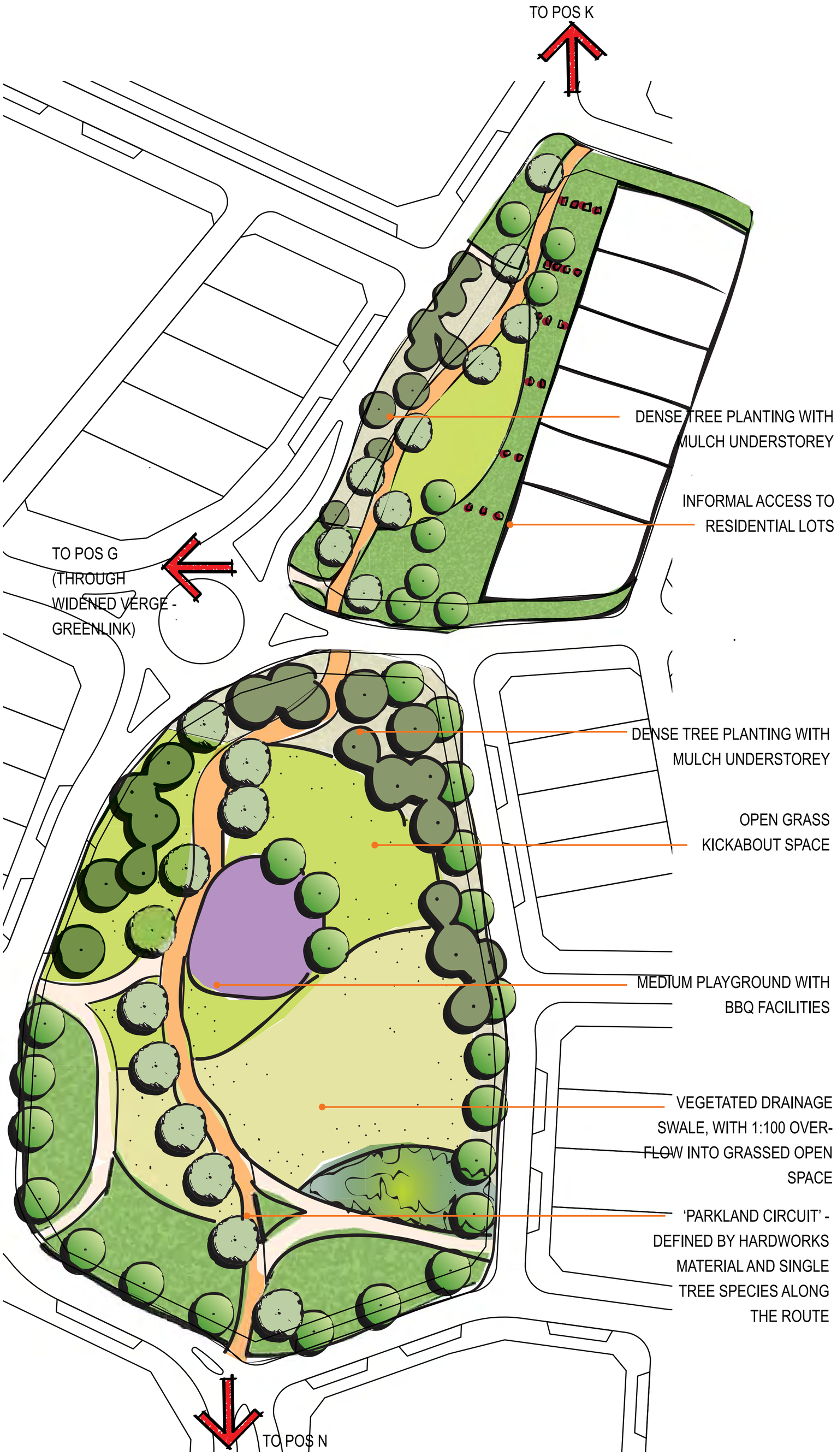
POS L + M



KEY PLAN

CONCEPT

- PROVIDE AN ACTIVE NEIGHBOURHOOD POS, (PARTIALLY) FRONTING ONTO RESIDENTIAL LOTS.
- APPROPRIATELY LOCATE ALL FUNCTIONS TO TAKE INTO CONSIDERATION NOISE AND IMPACT ON ADJACENT RESIDENTS
- COMPONENT OF THE 'PARKLAND CIRCUIT' PEDESTRIAN NETWORK

FUNCTIONS/MATERIALS

- PROVIDE FOR WATER STORAGE THROUGH A VEGETATED BASIN (POS M)
- PROVIDE FOR INFORMAL ACTIVE USES ON AN OPEN GRASSED AREA
- PROVIDE A SMALL PLAYGROUND WITH INFORMAL SEATING (POS M)
- PROVIDE PUBLIC FACILITIES SUCH AS PICNIC SETTING AND BBQ'S
- LINKAGES INTO THE ' 'PARKLAND CIRCUIT' PEDESTRIAN PATH NETWORK
- COPSES OF NATIVE TREES
- PREDOMINANTLY NATIVE SHRUB PLANTING
- FULLY IRRIGATED
- EXERCISE NODES

PLANT STRATEGY

- PLANT SPECIES TO PREDOMINANTLY NATIVE
- TREES TO BE PLANTED IN COPSES AND LOCATED AWAY FROM THE RESIDENTIAL LOTS TO ENSURE THERE IS CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- NATIVE WETLAND SPECIES WITHIN THE DRAINAGE BASIN
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.

DRAINAGE (As per Serling data - dated DEC 2011)

- POS L NO ABOVE GROUND CATCHMENT (DRAINAGE BASIN)
- POS M CATCHMENT AREA 6.32 HECTARES

1:1	VOLUME 470 CU.M
1:5	VOLUME 1070 CU.M
1:10	VOLUME 1290 CU.M
1:100	VOLUME 2350 CU.M

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

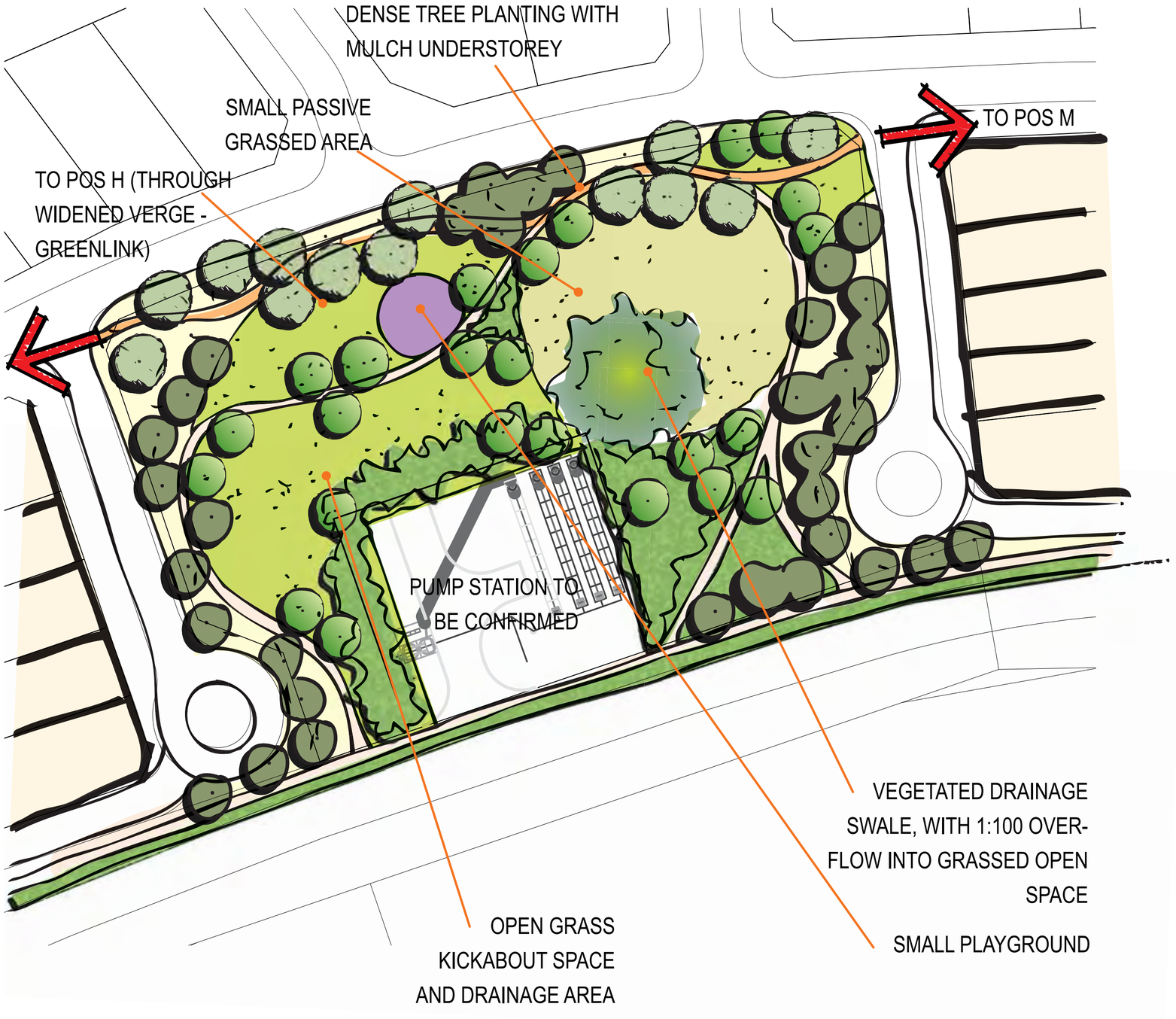
IRRIGATION STRATEGY

- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED
- TEMPORARY IRRIGATION TO DENSE TREE PLANTING

NORTH

0 10 20 METRES

POS N



NOTE : PUMP STATION LOCATION TO BE CONFIRMED

CONCEPT

- PROVIDE AN ACTIVE NEIGHBOURHOOD POS,
- APPROPRIATELY LOCATE ALL FUNCTIONS TO TAKE INTO CONSIDERATION NOISE AND IMPACT ON ADJACENT RESIDENTS
- COMPONENT OF THE 'PARKLAND CIRCUIT' PEDESTRIAN NETWORK

FUNCTIONS/MATERIALS

- PROVIDE FOR WATER STORAGE THROUGH A VEGETATED BASIN
- PROVIDE FOR INFORMAL ACTIVE USES ON AN OPEN GRASSED AREA
- PROVIDE A SMALL PLAYGROUND WITH INFORMAL SEATING
- PROVIDE A SHELTER AND PUBLIC FACILITIES SUCH AS PICNIC SETTING AND BBQ'S
- LINKAGES INTO THE 'PARKLAND CIRCUIT' PEDESTRIAN PATH NETWORK
- COPSES OF NATIVE TREES
- PREDOMINANTLY NATIVE SHRUB PLANTING
- FULLY IRRIGATED

PLANT STRATEGY

- PLANT SPECIES TO PREDOMINANTLY NATIVE
- TREES TO BE PLANTED IN COPSES AND LOCATED AWAY FROM THE RESIDENTIAL LOTS TO ENSURE THEIR IS CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- NATIVE WETLAND SPECIES WITHIN THE DRAINAGE BASIN
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.

DRAINAGE (As per Serling data - dated DEC 2011)

- CATCHMENT AREA 5.09 HECTARES
  - 1:1 VOLUME 560 CU.M
  - 1:5 VOLUME 1050 CU.M
  - 1:10 VOLUME 1230 CU.M
  - 1:100 VOLUME 2100 CU.M

ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

IRRIGATION STRATEGY

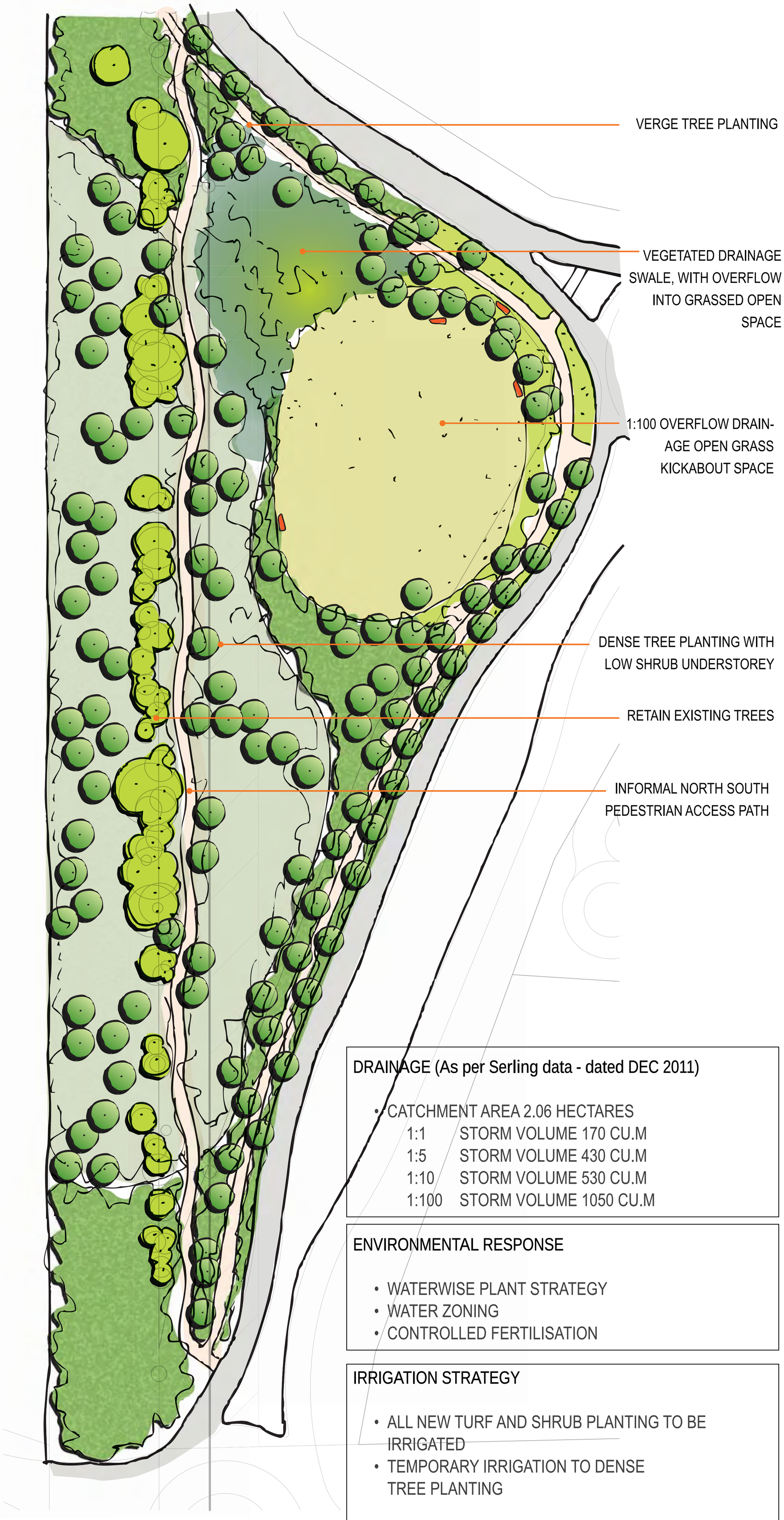
- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED

KEY PLAN

NORTH

0 10 20 METRES

POS O



CONCEPT

- PROVIDE A PASSIVE NEIGHBOURHOOD POS, FRONTING ONTO THE CORNER OF EIGHTY AND SIXTY EIGHT ROADS.
- CREATE VISUAL IMPACT THROUGH RETENTION OF EXISTING TREES, DENSE TREE PLANTING, WITH THE INTENTION OF CREATING POCKETS OF BUSHLAND FOR THE FUTURE COMMUNITY.
- RETAIN ALL EXISTING TREES
- PROVIDE NATIVE TREE AND SHRUB PLANTING TO CREATE A BUFFER BETWEEN EIGHTY ROAD AND PARKLAND HEIGHTS
- PLANTING IS TO DISPLAY THE PARKLAND HEIGHTS PLANTING STRATEGY - PREDOMINANTLY NATIVE

FUNCTIONS/MATERIALS

- PROVIDE FOR INFORMAL ACTIVE USES ON AN OPEN GRASSED AREA
- COPSES OF NATIVE TREES
- NATIVE SHRUB PLANTING
- FULLY IRRIGATED

PLANT STRATEGY

- RETAIN ALL EXISTING TREES TO PROVIDE INSTANT CHARACTER, SHADE AND POINTS OF ORIENTATION
- PLANT SPECIES TO PREDOMINANTLY NATIVE
- CLEAR ENTIRE UNDERSTOREY TO ALLOW FOR PLANTING OF THE PARKLAND HEIGHTS PLANTING PALETTE
- TREES TO BE PLANTED IN COPSES AND LOCATED AWAY FROM THE RESIDENTIAL LOTS TO ENSURE THERE IS CLEAR SITE LINES FOR PASSIVE SURVEILLANCE TO AND FROM THE LOTS.
- NATIVE WETLAND SPECIES WITHIN THE DRAINAGE BASIN
- PLANTING DESIGN TO BE ZONED TO ENSURE SPECIES ARE LOCATED ACCORDING TO THEIR WATER REQUIREMENTS. PLANTS WILL PREDOMINANTLY BE WATER WISE.

DRAINAGE (As per Serling data - dated DEC 2011)

- CATCHMENT AREA 2.06 HECTARES
  - 1:1 STORM VOLUME 170 CU.M
  - 1:5 STORM VOLUME 430 CU.M
  - 1:10 STORM VOLUME 530 CU.M
  - 1:100 STORM VOLUME 1050 CU.M

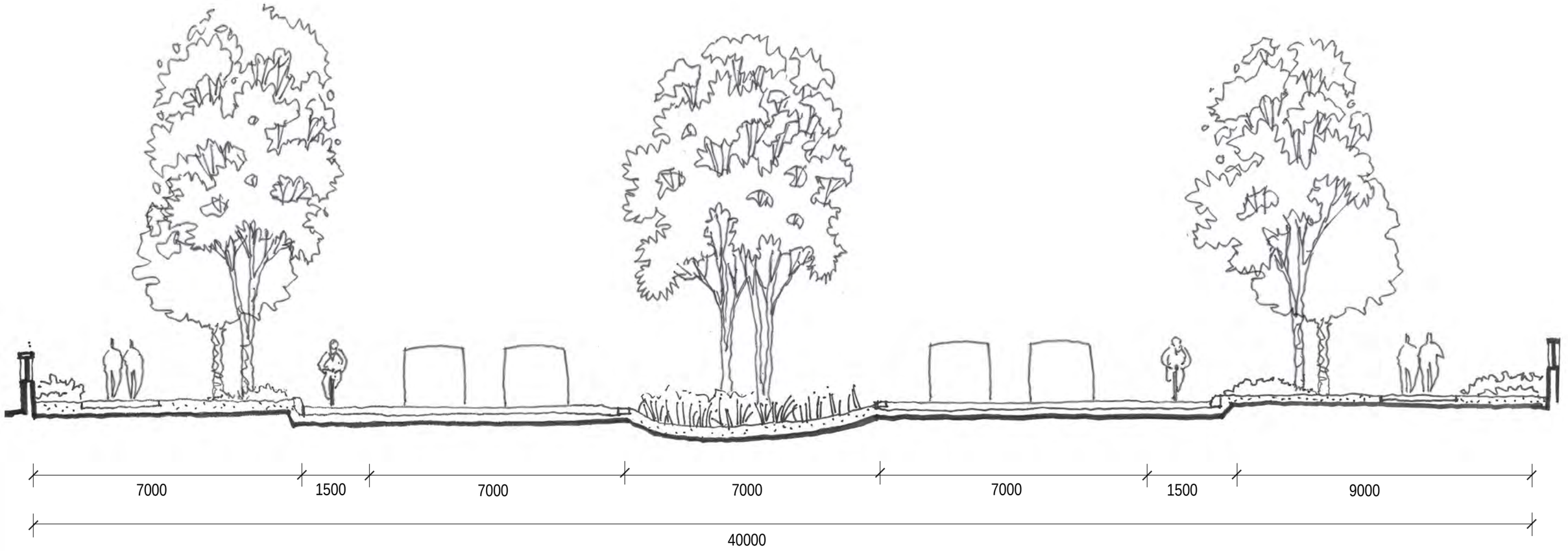
ENVIRONMENTAL RESPONSE

- WATERWISE PLANT STRATEGY
- WATER ZONING
- CONTROLLED FERTILISATION

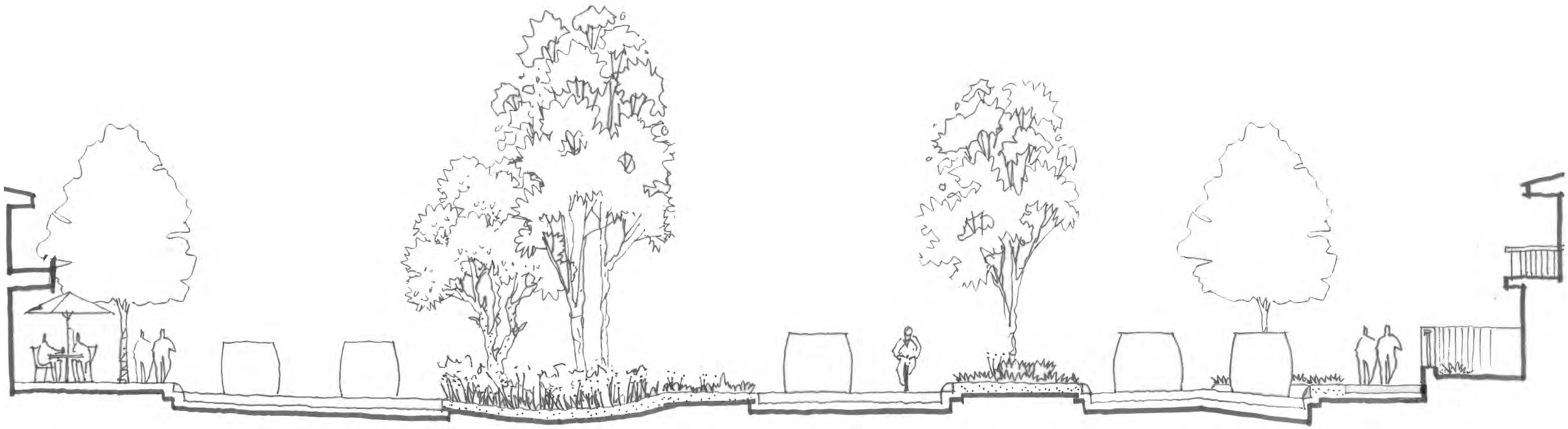
IRRIGATION STRATEGY

- ALL NEW TURF AND SHRUB PLANTING TO BE IRRIGATED
- TEMPORARY IRRIGATION TO DENSE TREE PLANTING

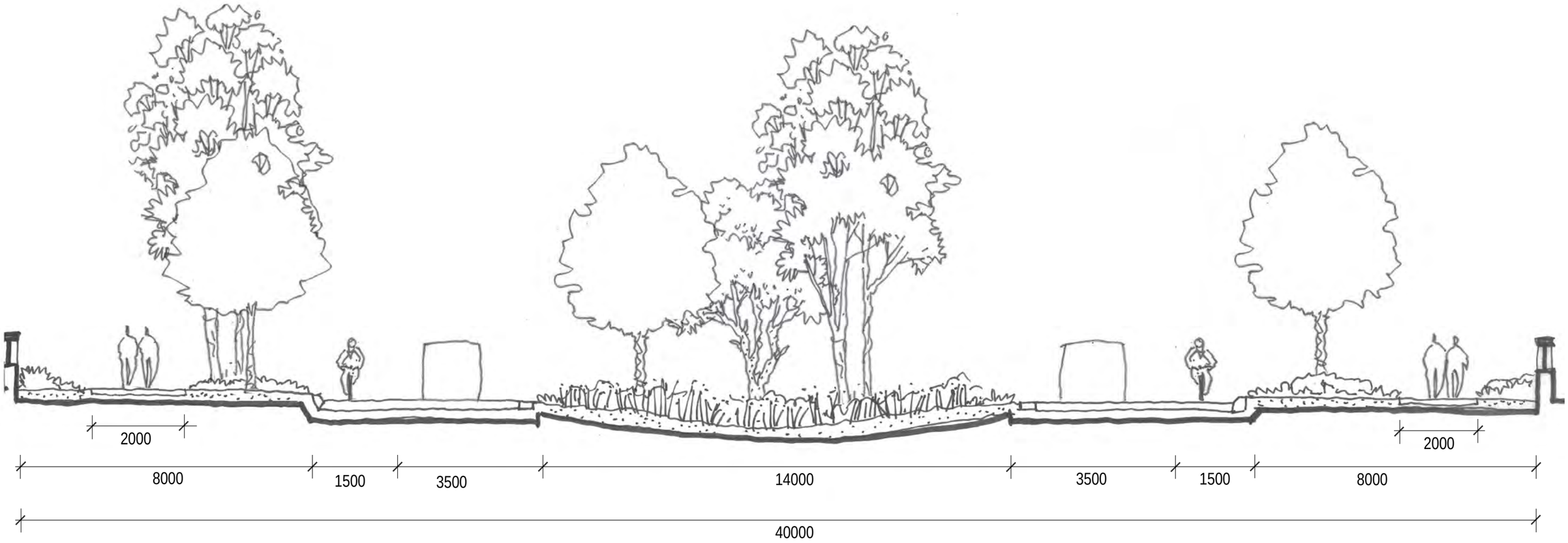
KEY PLAN



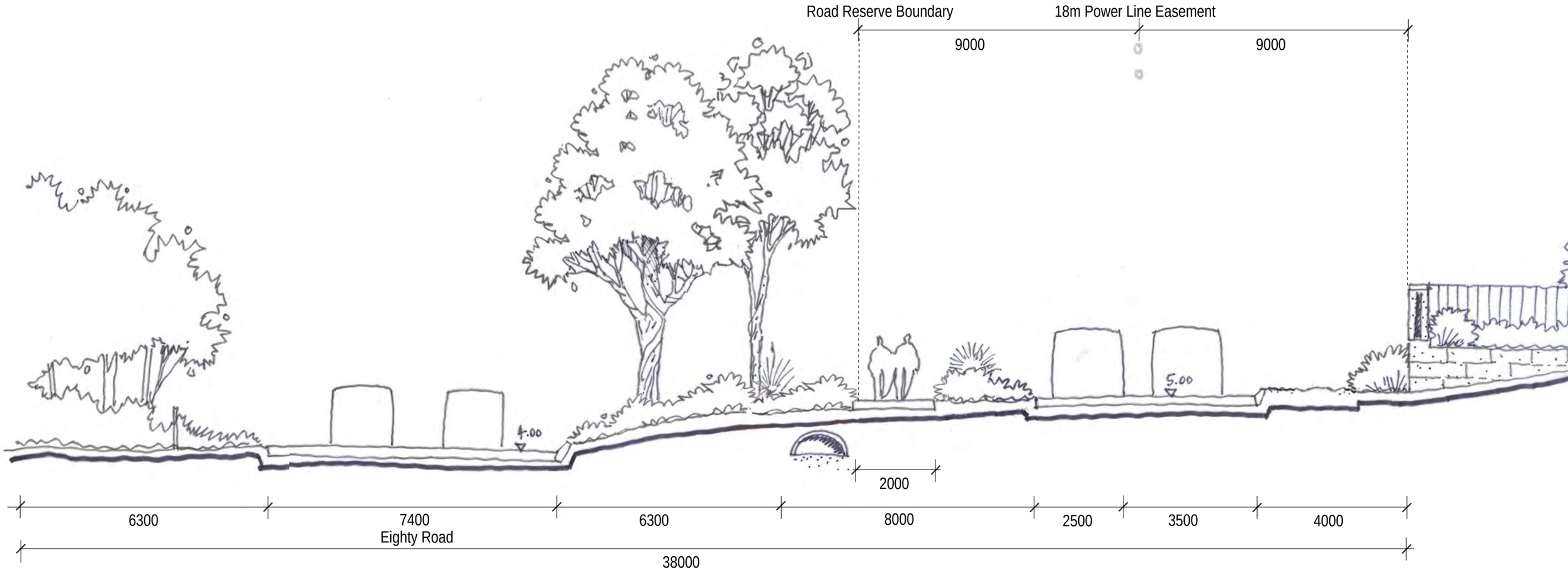
INTEGRATOR A



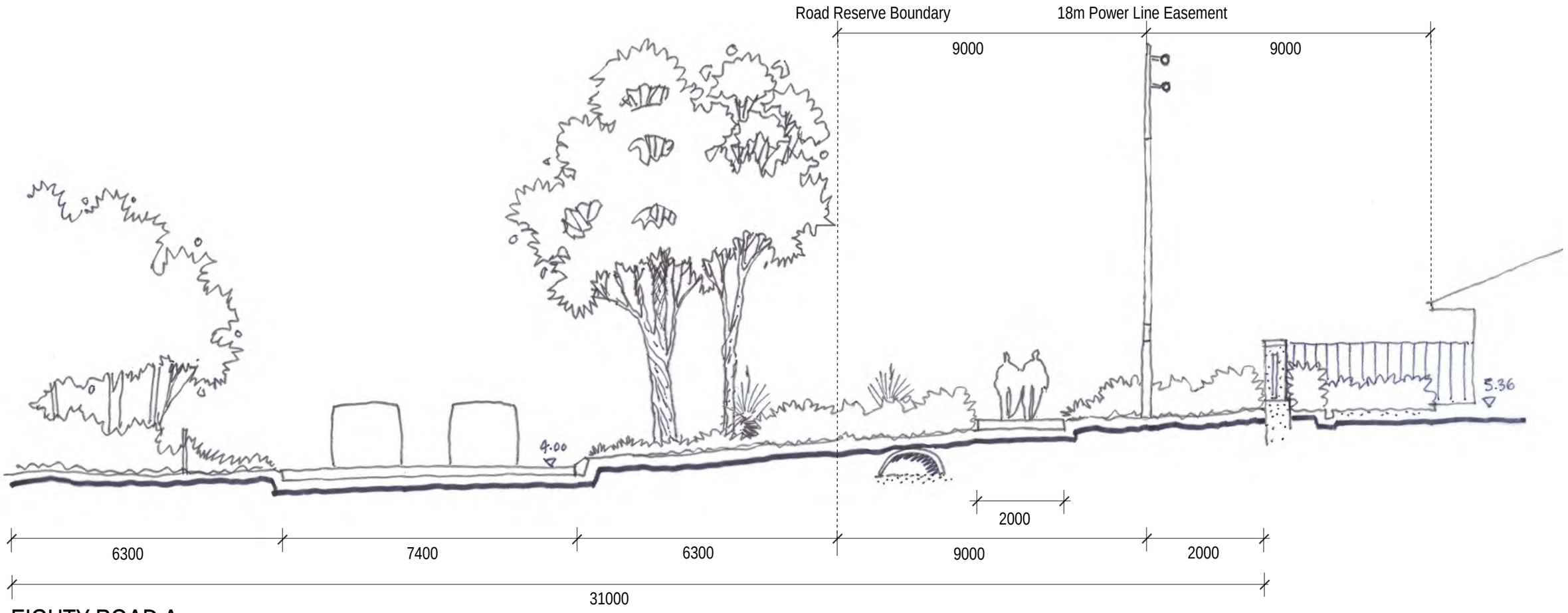
INTEGRATOR B - 40m
6m median



INTEGRATOR B - 40m
14m median



EIGHTY ROAD B



EIGHTY ROAD A

PARKLAND HEIGHTS Baldivis
Local Structure Plan

Street Sections
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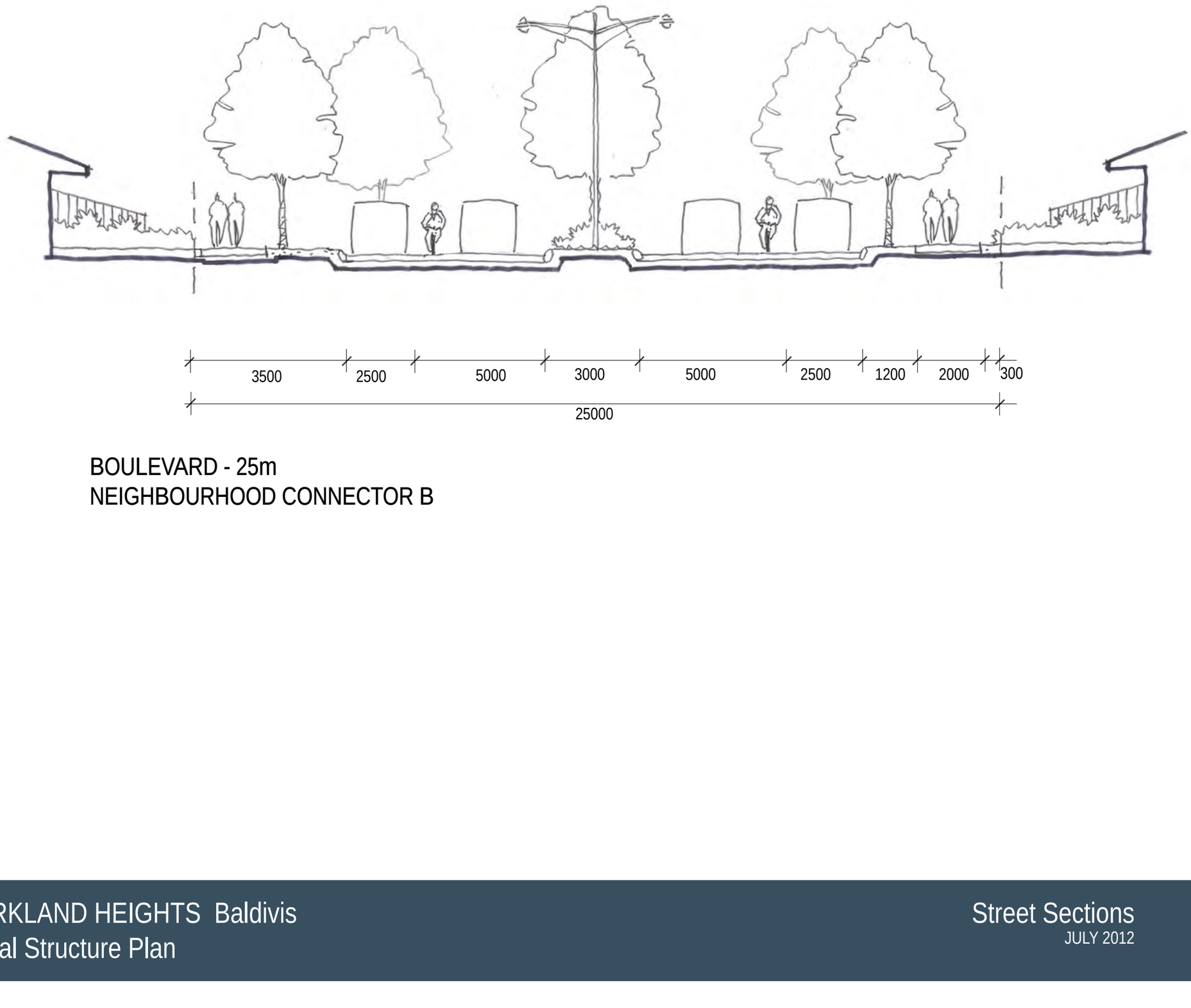
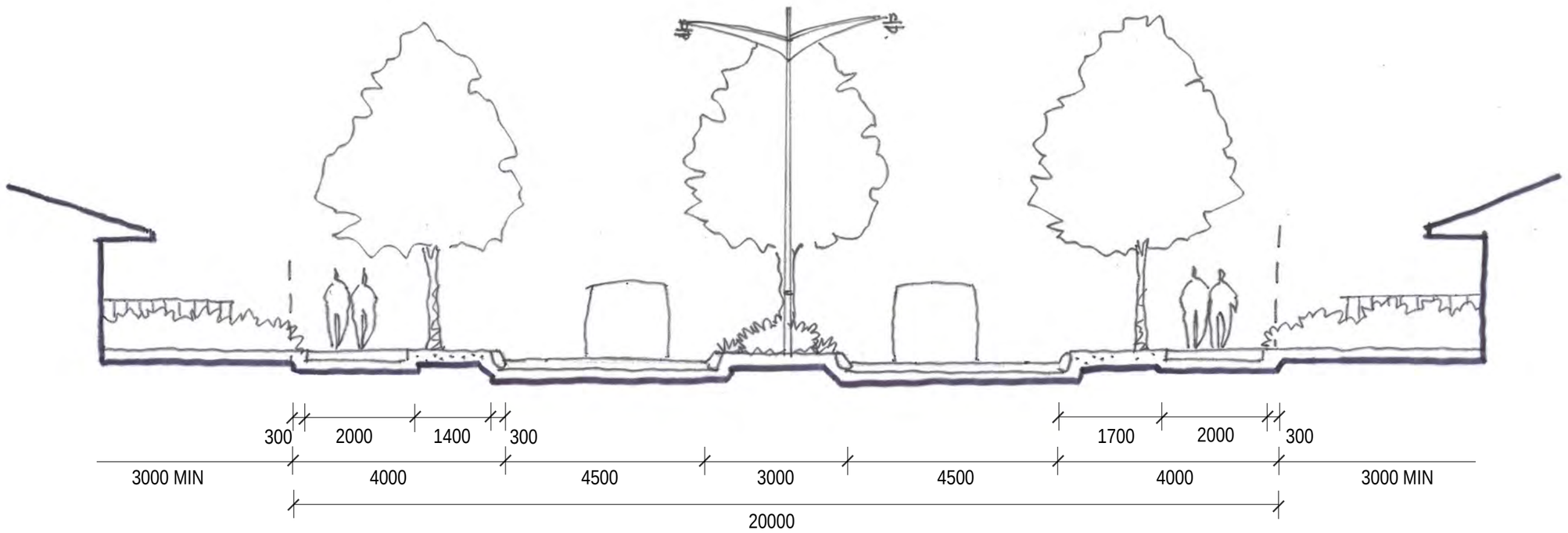
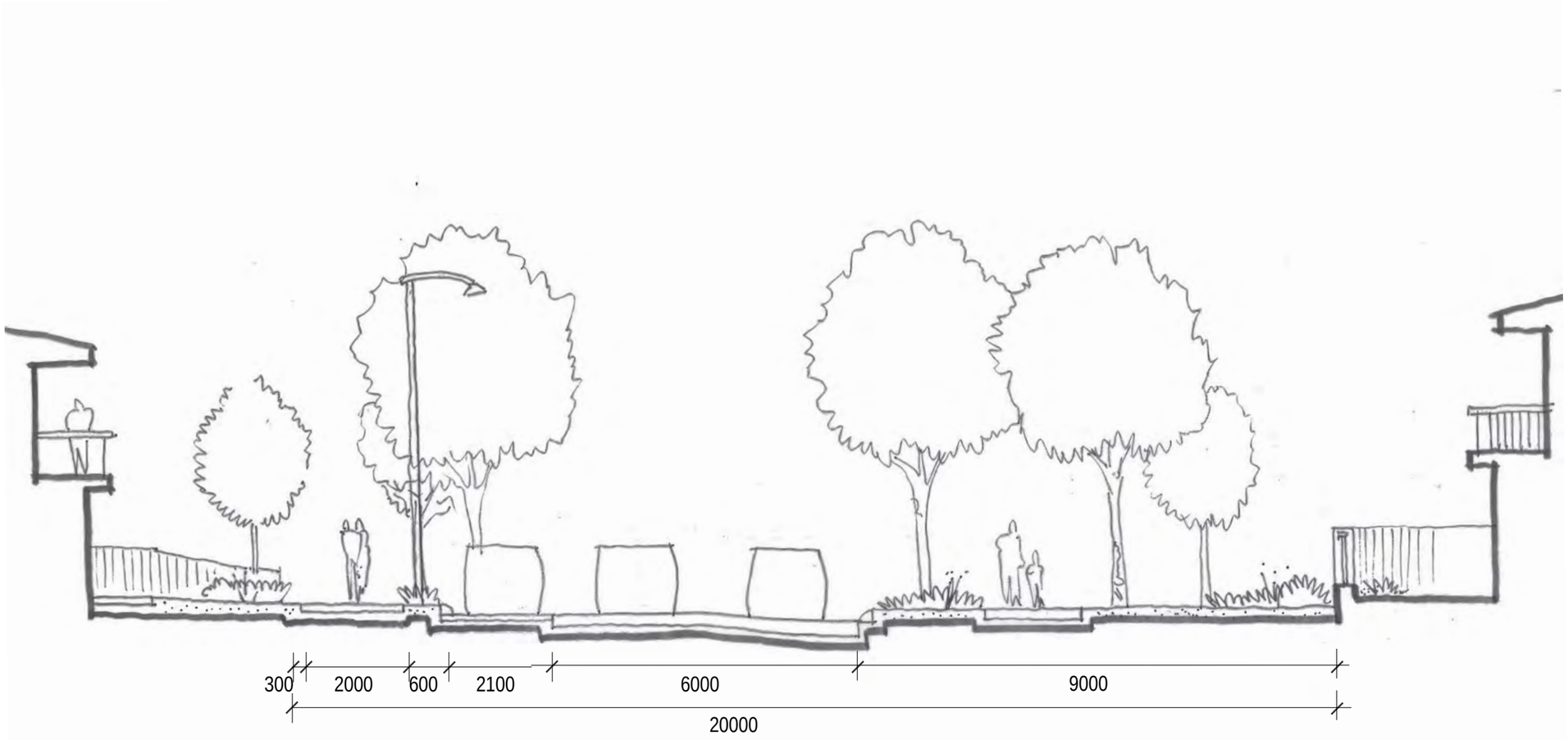


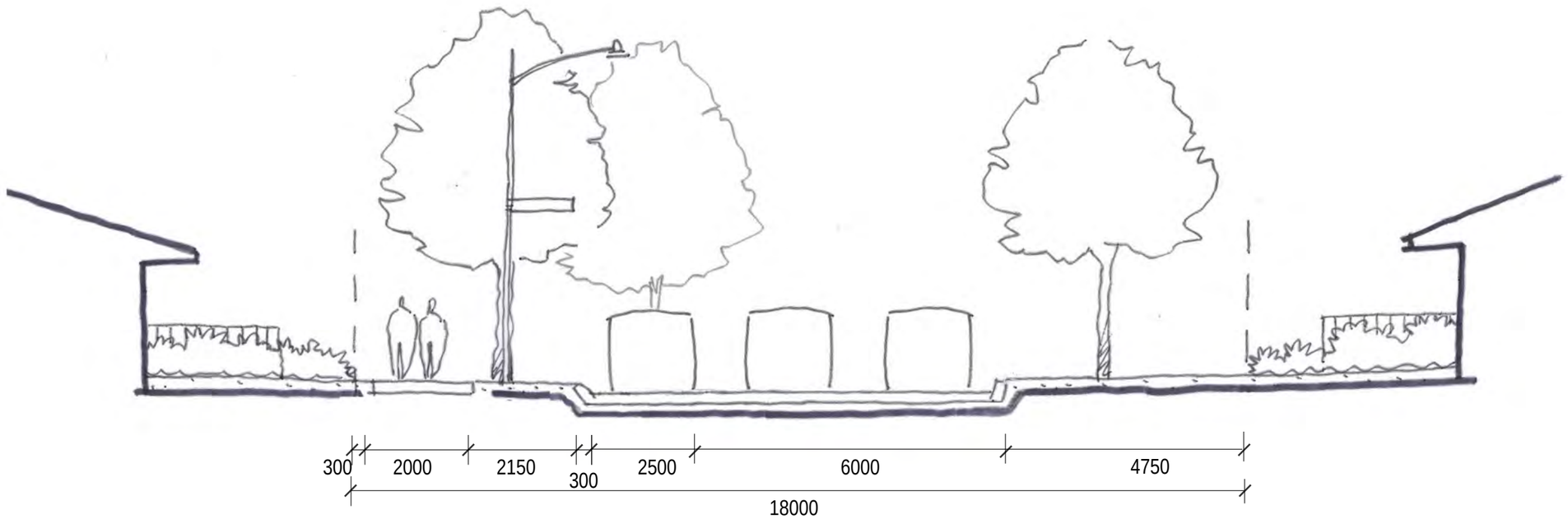
BOULEVARD - 25m
NEIGHBOURHOOD CONNECTOR B



BOULEVARD - 20m
NEIGHBOURHOOD CONNECTOR B



SPECIAL ACCESS STREET - 20m



OFF-STREET PARKING AND TWO CAR LANES

RESIDENTIAL ROAD - 18m
ACCESS ST B

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Local Structure Plan

Street Sections
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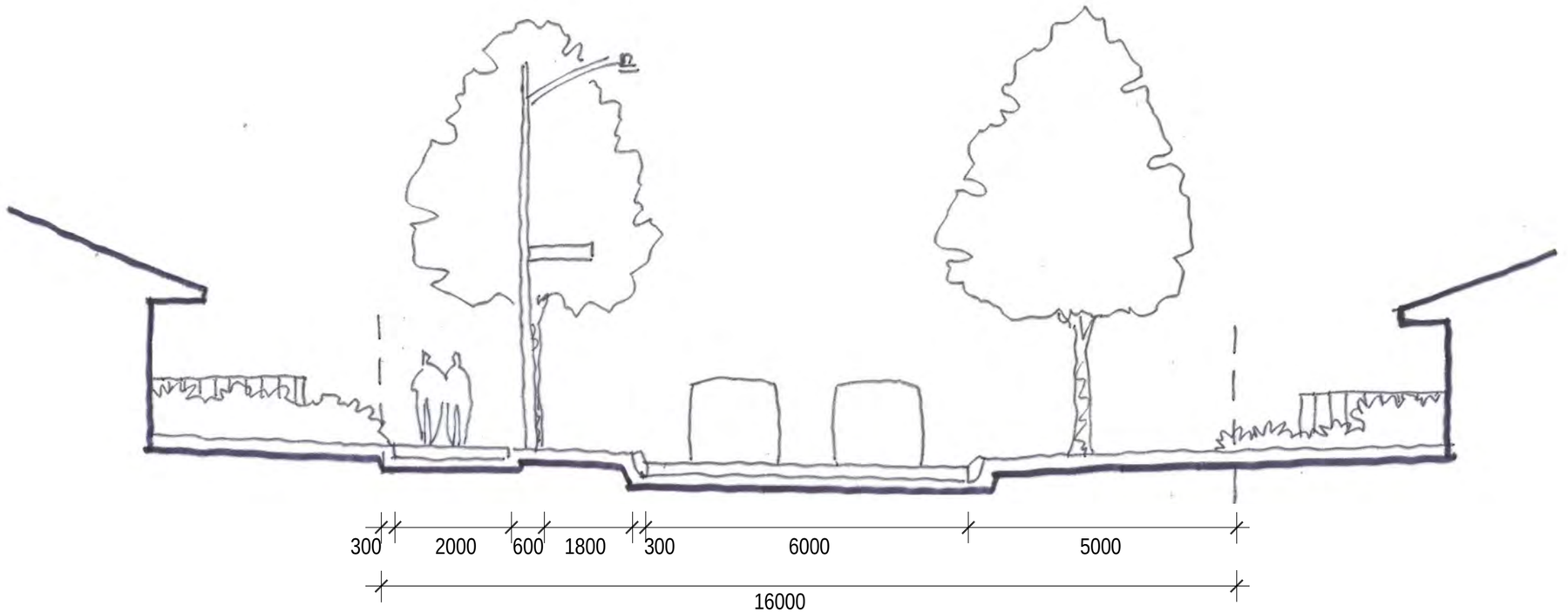
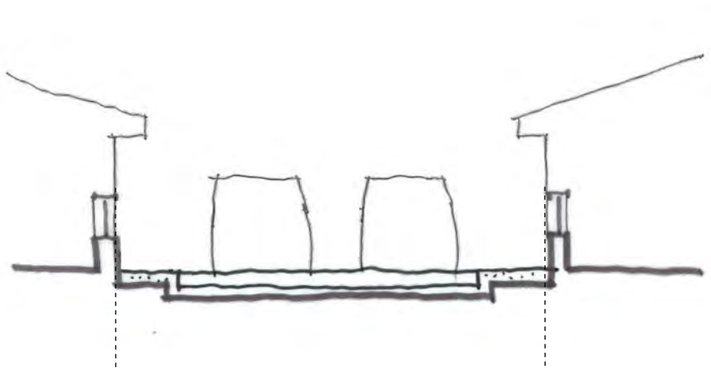
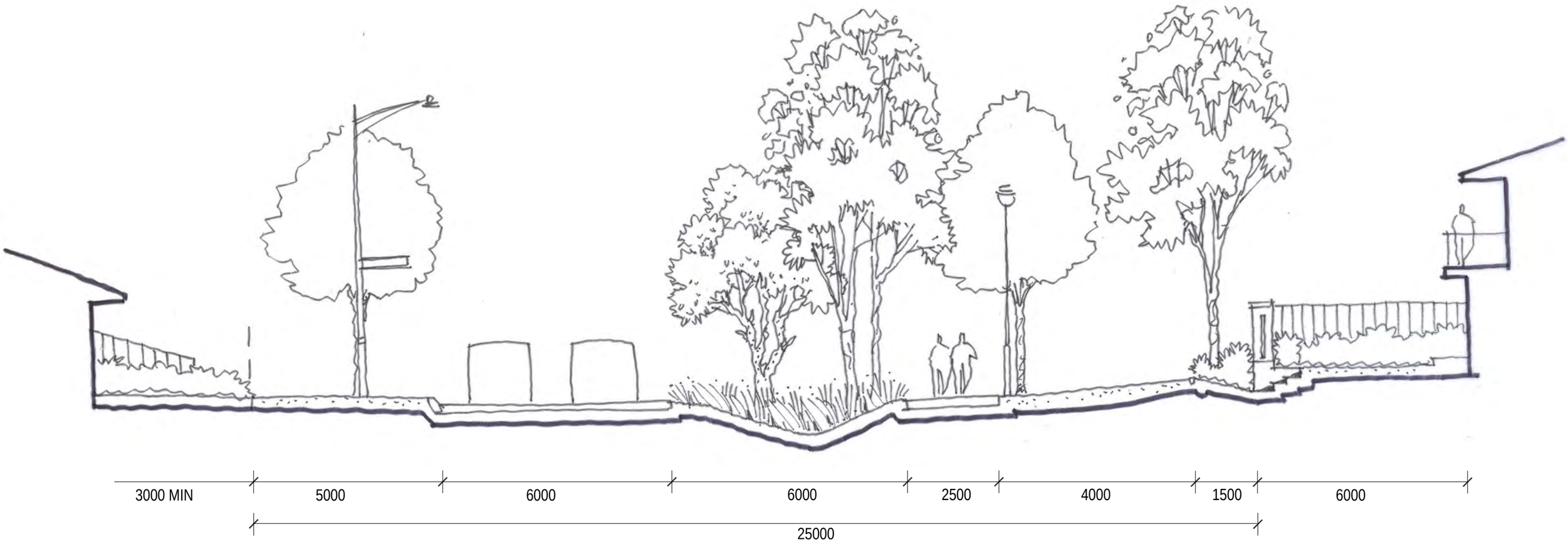


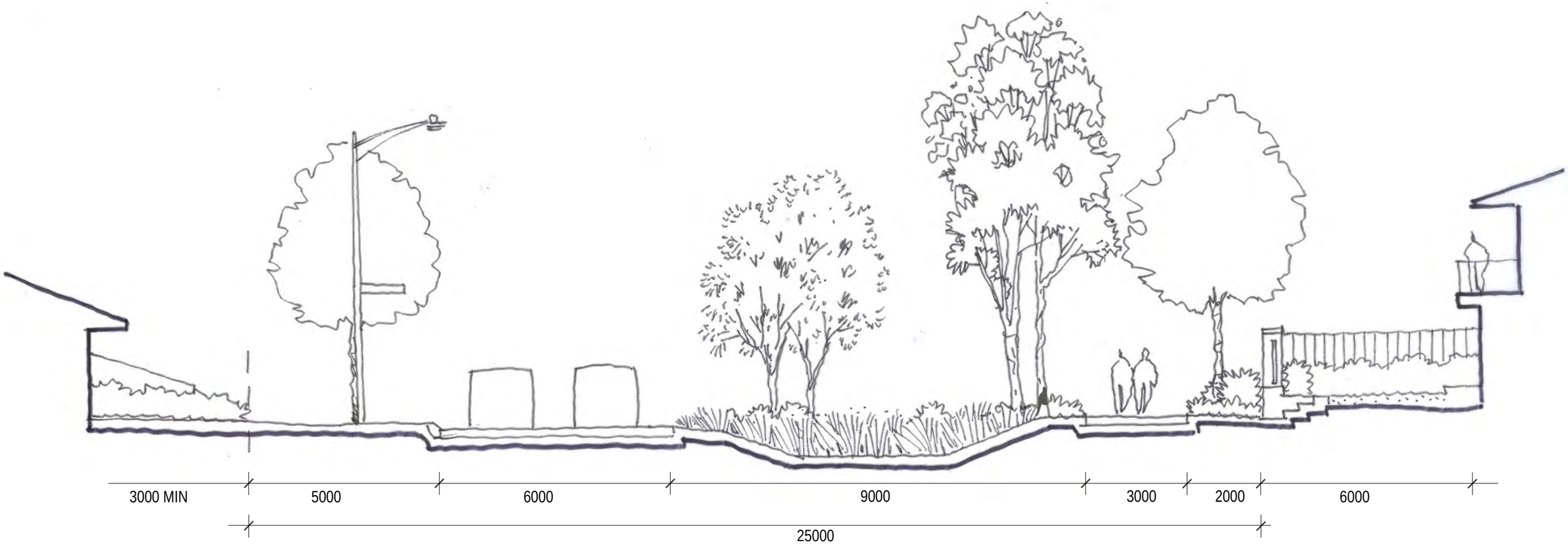
RESIDENTIAL ROAD - 16m
ACCESS STREET C/D



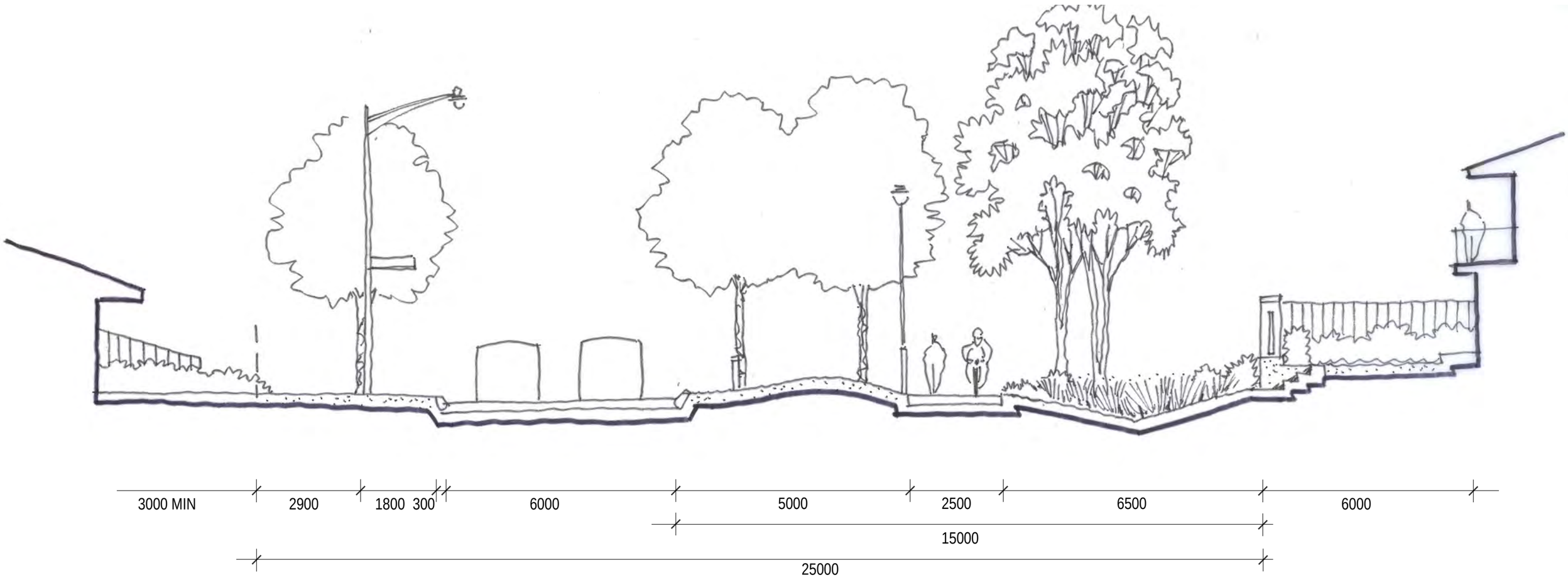
LANEWAY - 6m



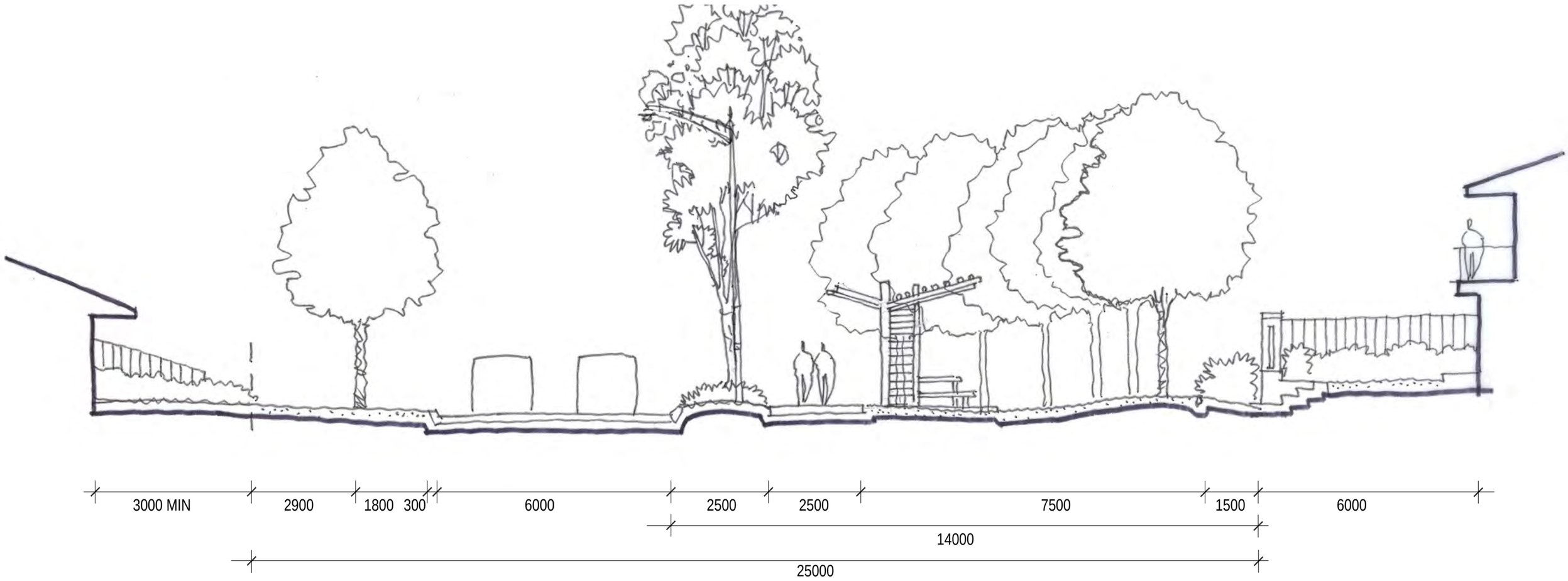
GREENLINK 1 - 25m



GREENLINK 2 - 25m



GREENLINK 3 - 25m



GREENLINK 4 - 25m