



The Great Brixton Wetlands Need Your Submission

Reconciliation

Water and Pollution

Ecological Buffers and Roads

Ecological Connectivity and Livability

Legend



- Greater Brixton St Wetlands
- - - - Extent of Banksia Woodland (2019)
- - - - Margin of Multiple Use Wetland
- - - - MKSEA Industrial

Floristic Vegetation Communities of the Greater Brixton Street Wetlands:

1	Cc-Bd	8	Mr-Ss
2	Va-Bs	9	Mb-Sj
3	Vj-Pi	10	Al-Dt
4	Cl-Se	11	Ma-Vp
5	Vj-Bu	12	Ml-Aa
6	Bt-Sr	13	Jf-Be
7	Mo-Lc		





Legend














-  Yule Brook and Tributaries reconstructed from historical records
-  Channel no longer functional due to artificial drainage

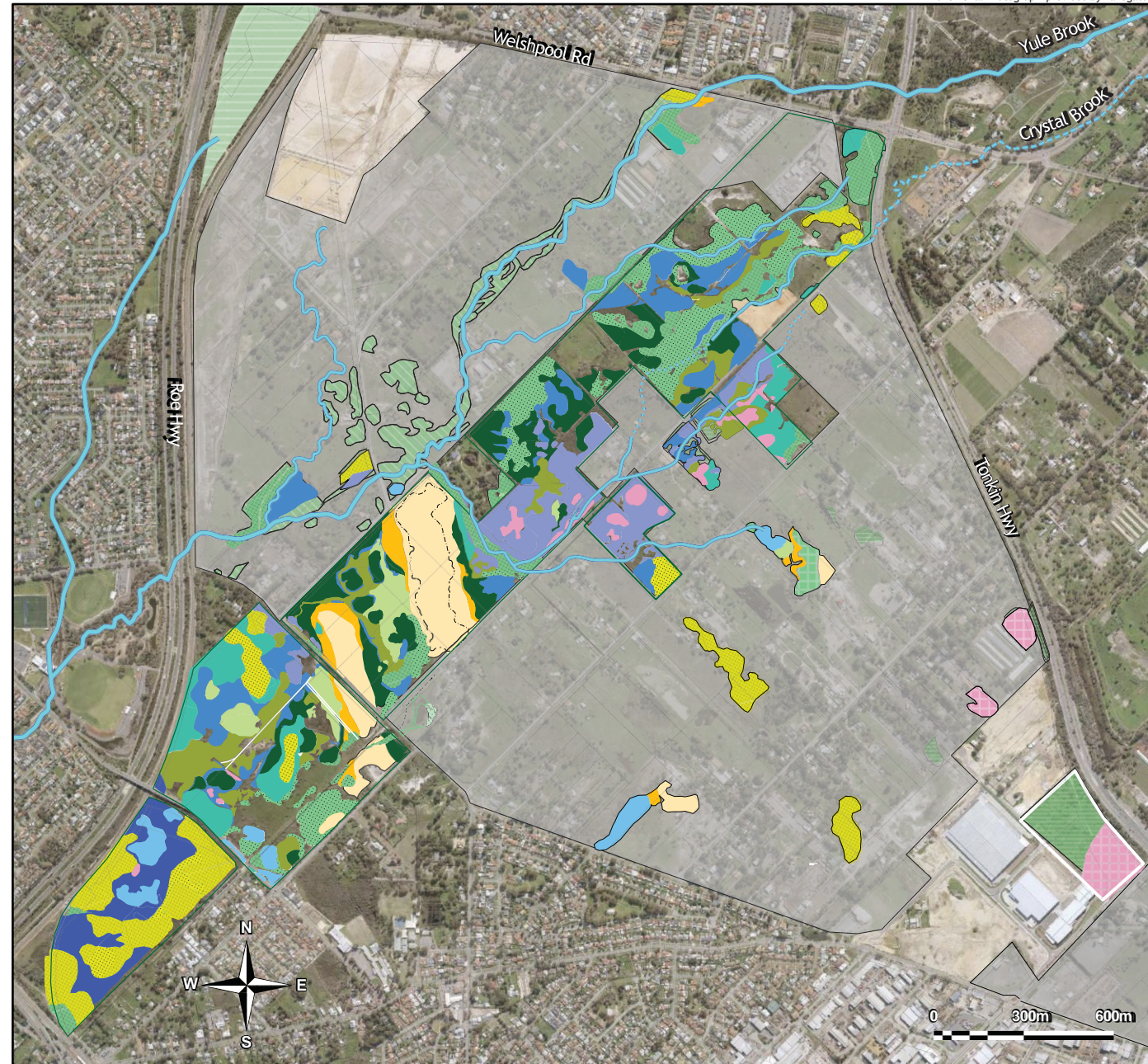
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-  Forrestfield Vegetation Complex
-  Proposed City of Gosnells / City of Kalamunda Industrial Footprint (approx. boundary)

Floristic Vegetation Communities of the Greater Brixton Street Wetlands:

- | | |
|---|--|
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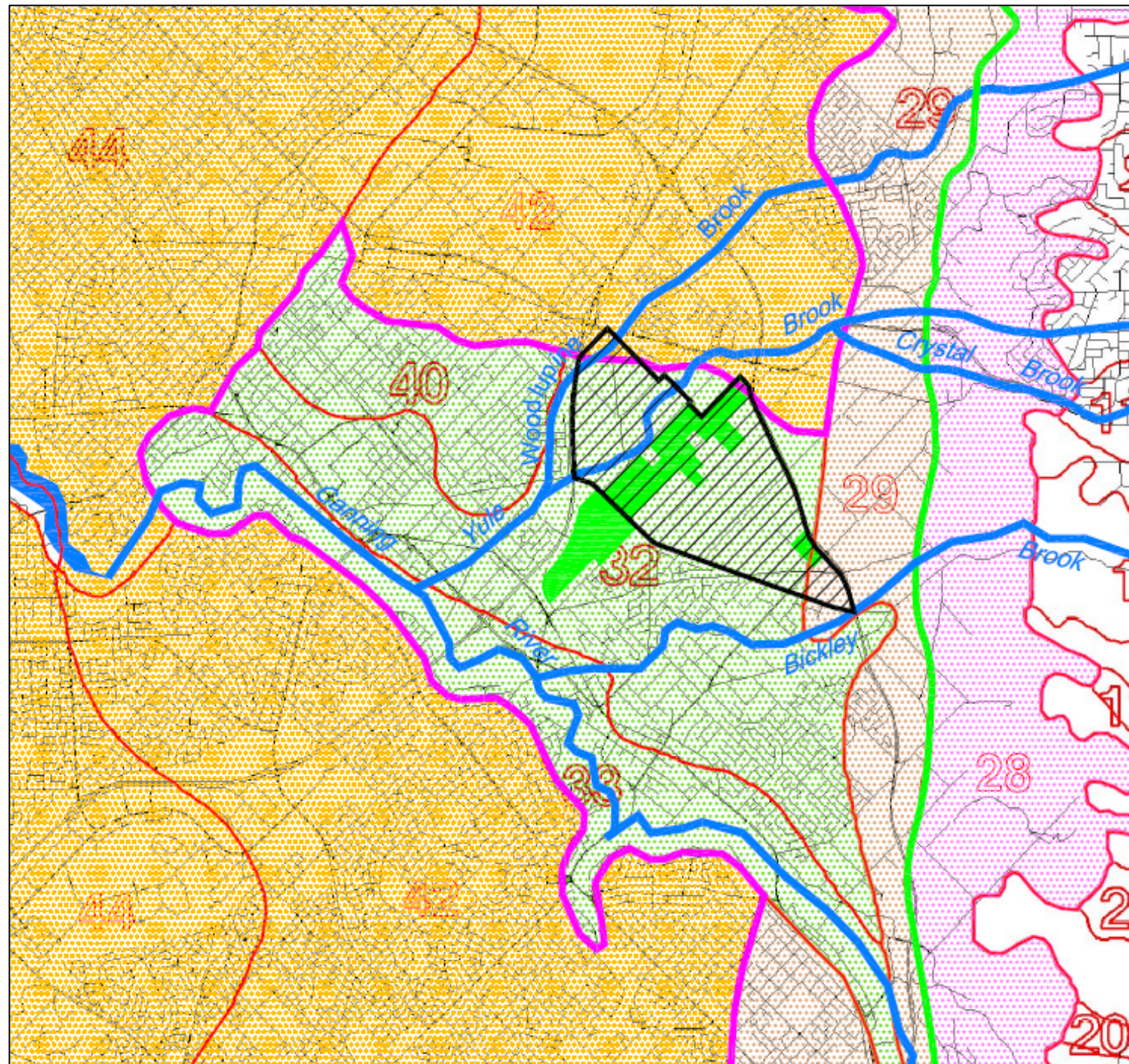
— Darling Scarp Boundary
 Subject Area (Maddington - Kenwick Strategic Area) MKSEA
 Bush Forever Sites in the MKSEA
 Eastern Swan Coastal Plain Boundary
 Major Watercourses

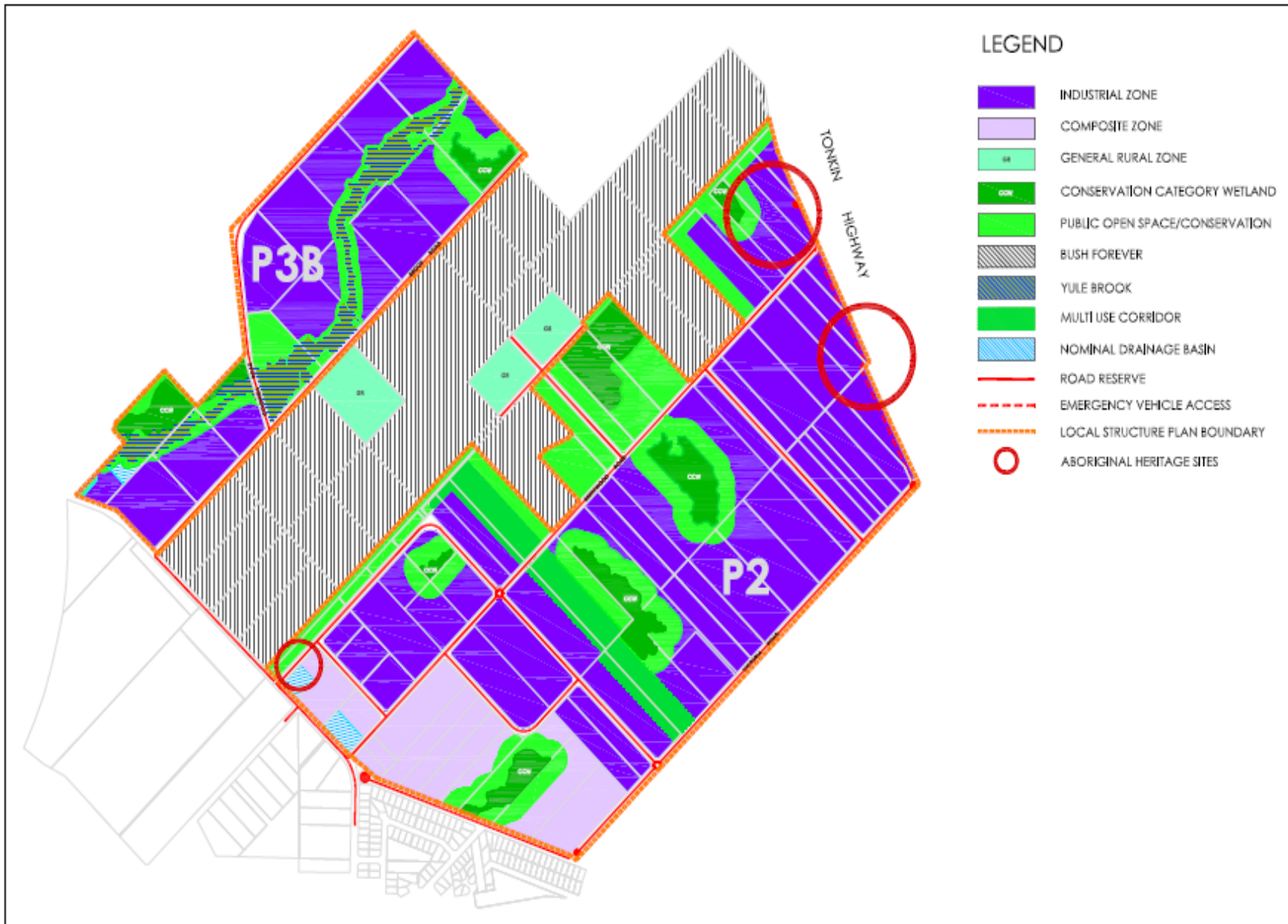
MAJOR GEOMORPHIC UNITS

	Darling Scarp
	Ridge Hill Shelf
	Pinjarra Plain
	Bassendean Dunes

VEGETATION COMPLEXES

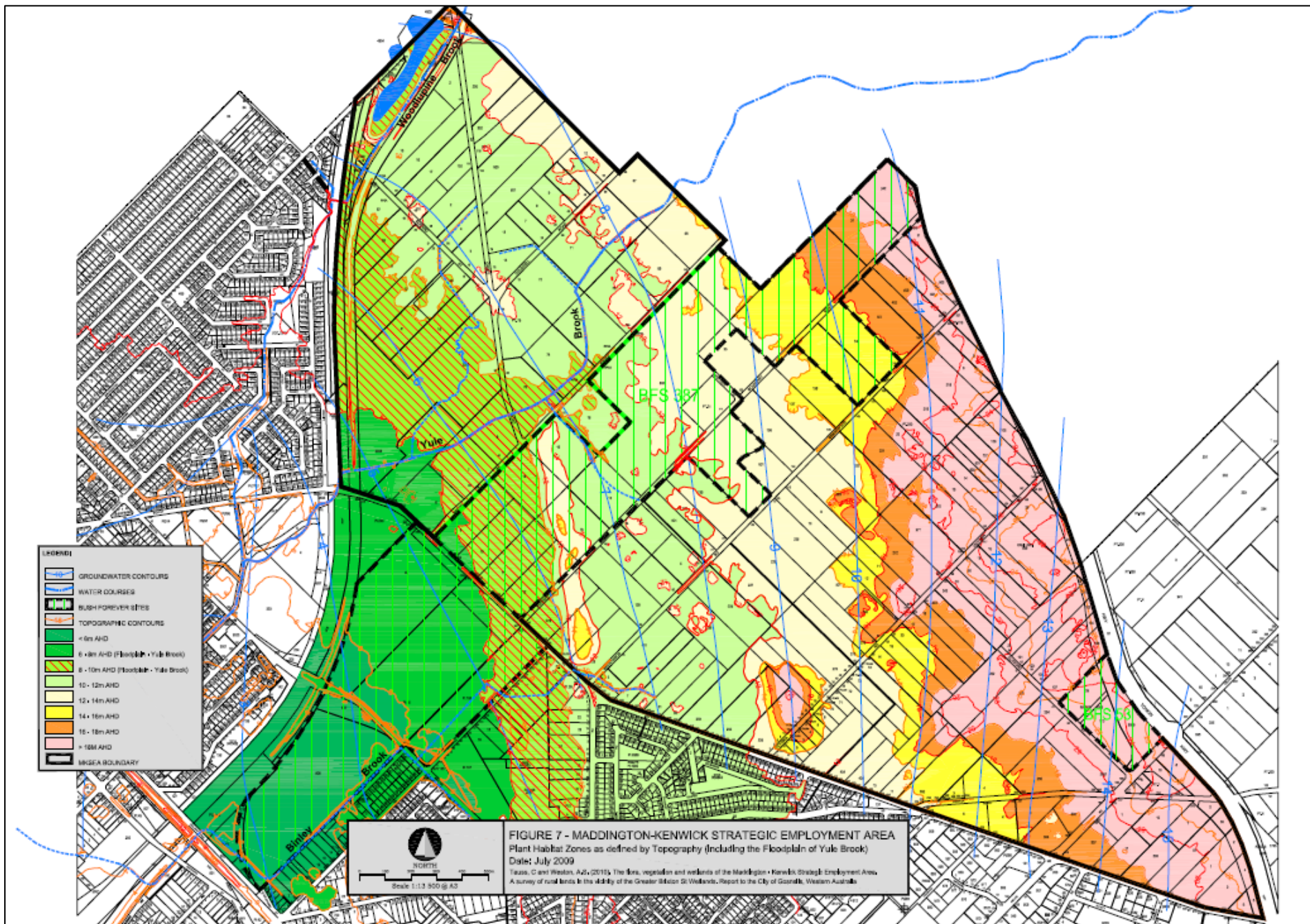
DARLING PLATEAU	
28	Darling Scarp Complex
SWAN COASTAL PLAIN	
29	Forrestfield Complex (Ridge Hill Shelf)
32	Gullford Complex
33	Swan Complex
40	Cannington Complex
42	Southern River Complex
44	Bassendean Complex - Central and South





LEGEND

- INDUSTRIAL ZONE
- COMPOSITE ZONE
- GENERAL RURAL ZONE
- CONSERVATION CATEGORY WETLAND
- PUBLIC OPEN SPACE/CONSERVATION
- BUSH FOREVER
- YULE BROOK
- MULTI USE CORRIDOR
- NOMINAL DRAINAGE BASIN
- ROAD RESERVE
- EMERGENCY VEHICLE ACCESS
- LOCAL STRUCTURE PLAN BOUNDARY
- ABORIGINAL HERITAGE SITES



The Registered Aboriginal Heritage Site 4342 location is currently isolated from the natural heritage, other indigenous sites and recreation areas that we have tried to group together into the Yule Brook Regional Park (draft name) proposal area





Government of **Western Australia**
Department of **Water and Environmental Regulation**

Decision process for stormwater management in Western Australia

November 2017

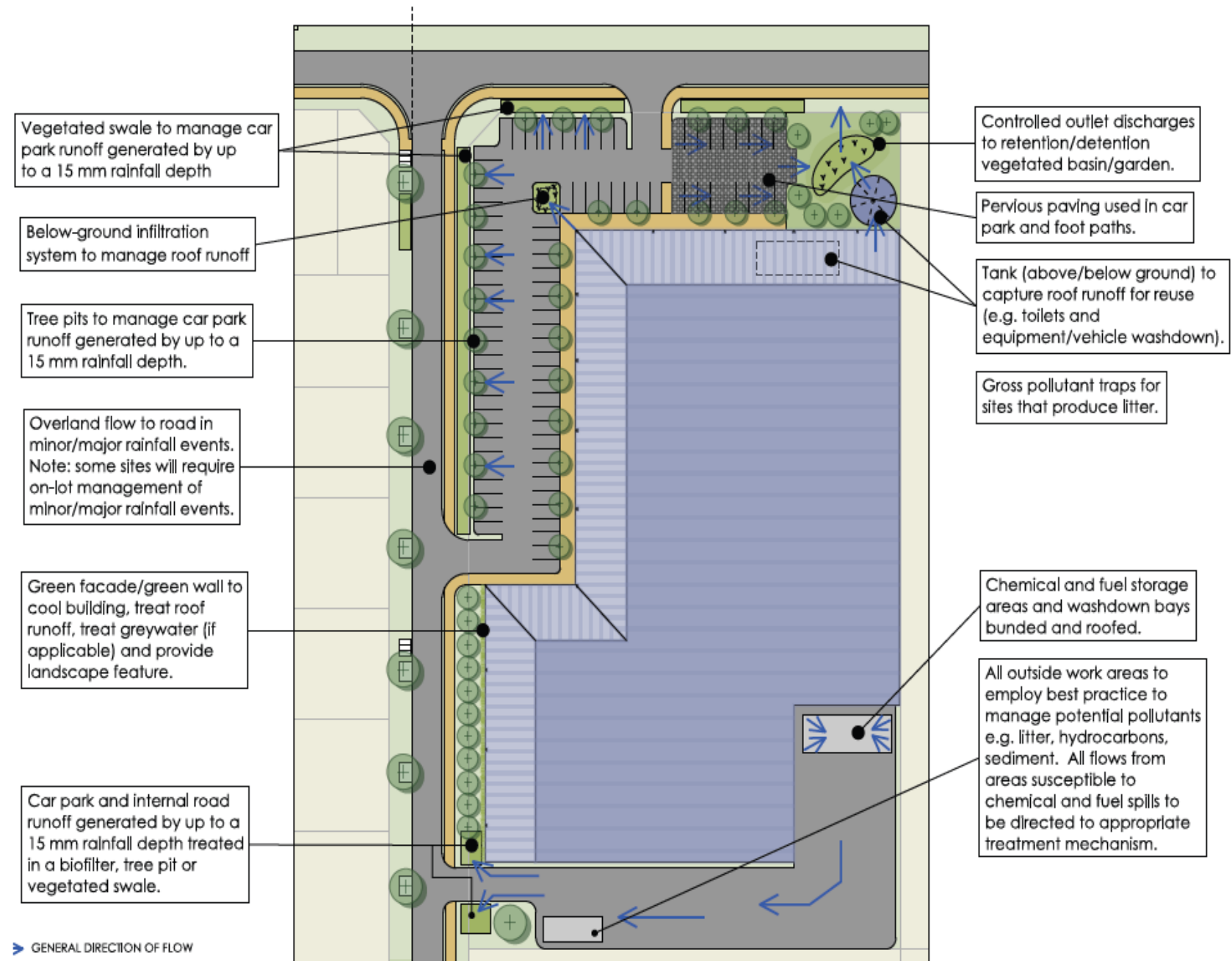


Example management options for commercial/industrial lots – small rainfall event runoff

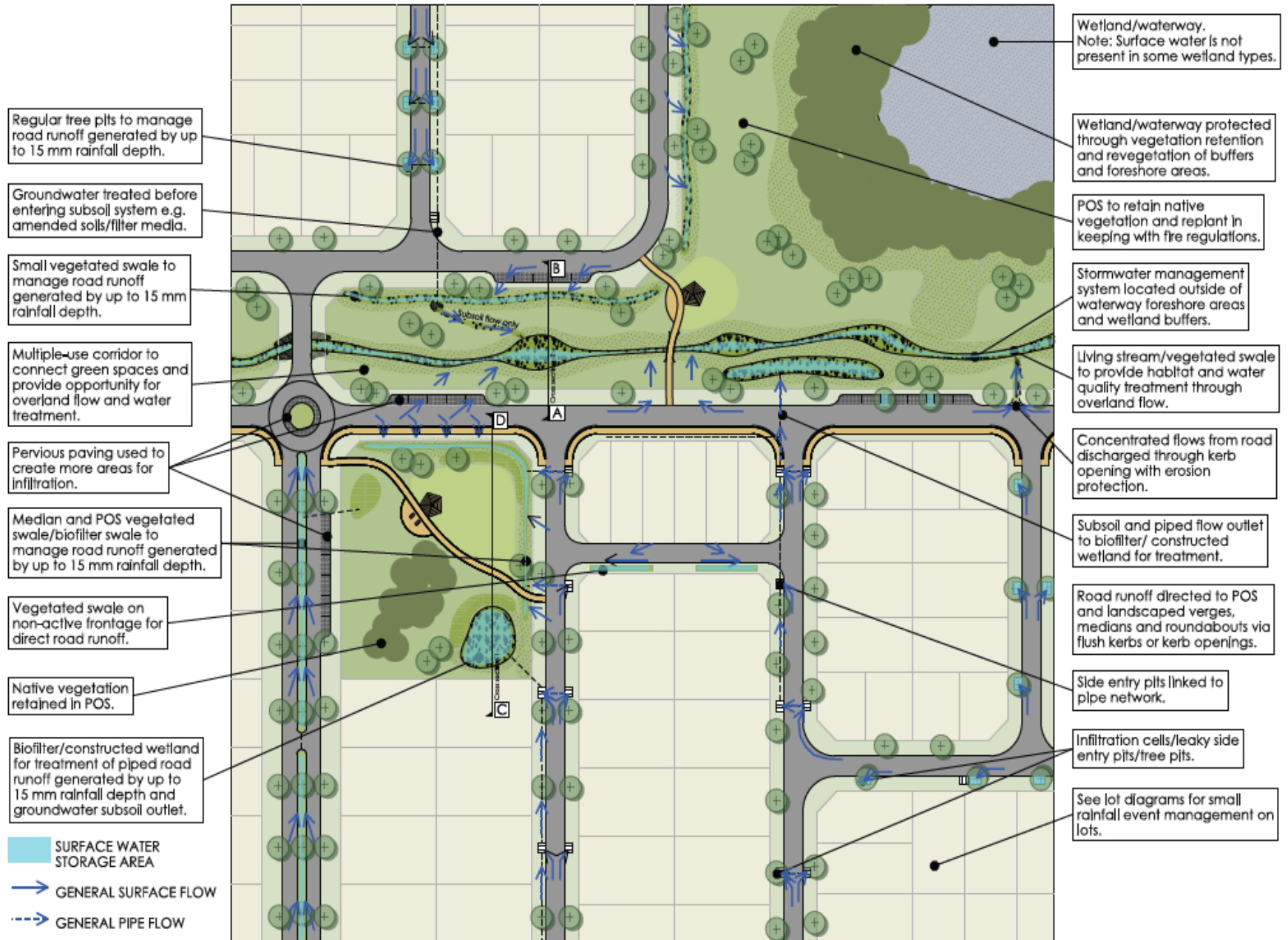
Structural Items within industrial lot.

1. Below ground infiltration system to manage roof runoff
2. Tree pits
3. Overland flow to road.
4. Green façade/green wall to treat roof runoff and cool building and so reduce heat radiation.
5. Carpark and internal road runoff treated in a biofilter
6. Vegetated swales, basins and rain gardens.
7. Rainwater tank(s).
8. Pervious paving.
9. Gross pollutant traps
10. A bunded and roofed chemical and fuel storage area and wash down bays.
11. All flows from areas susceptible to pollutant spills directed into a special treatment site.

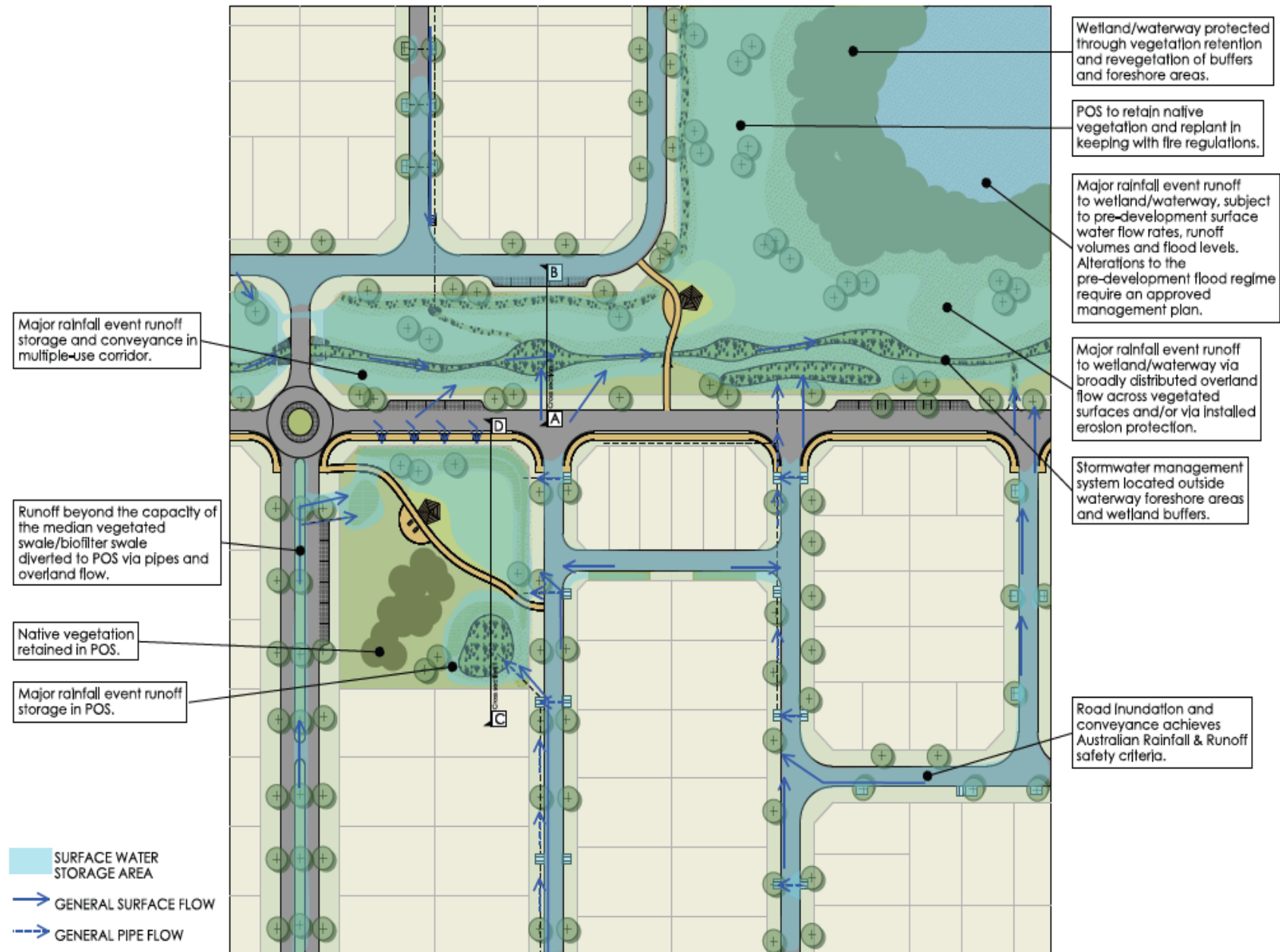
Emerge: No structural water treatment on site (education only)

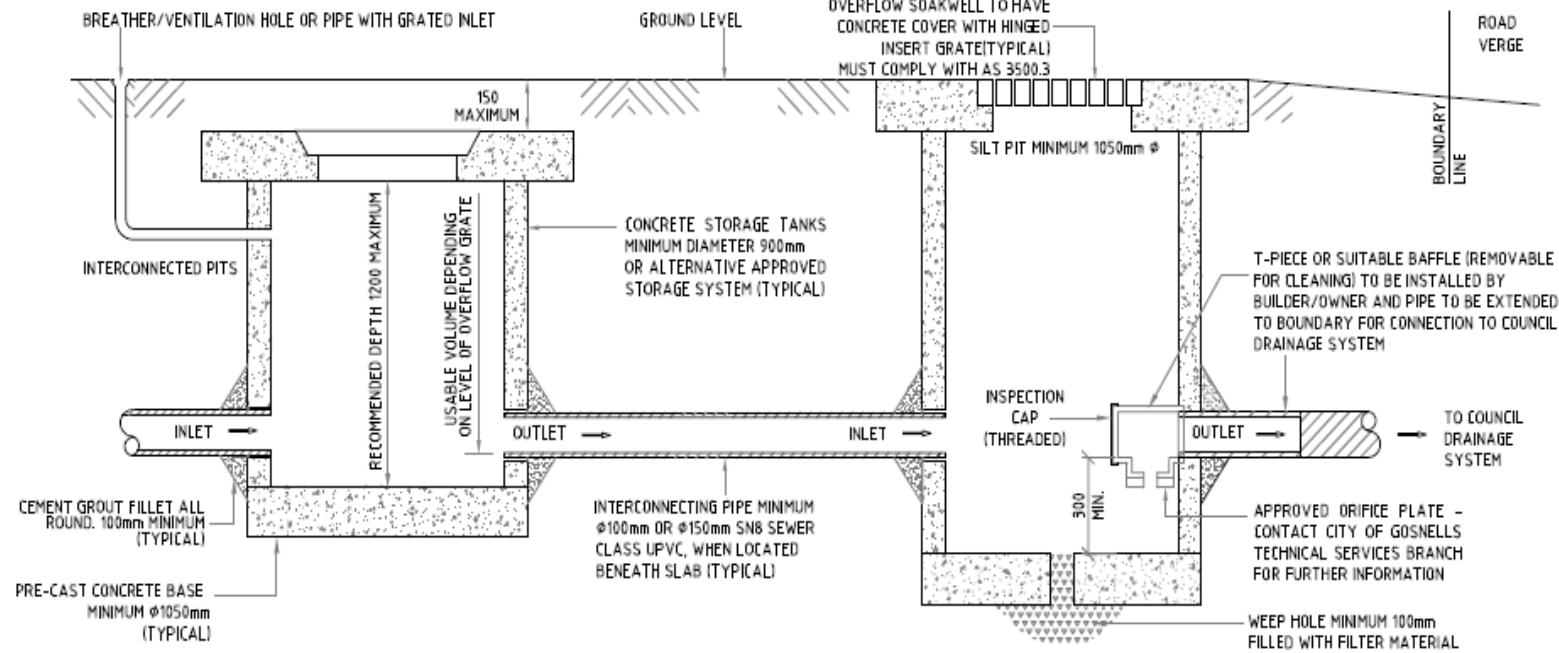


Example management options for estate scale – small rainfall event runoff

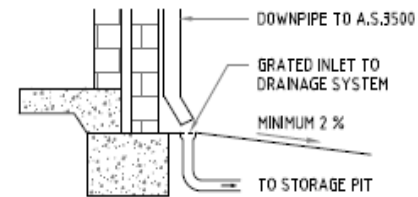


Example management options for estate scale – major rainfall event runoff

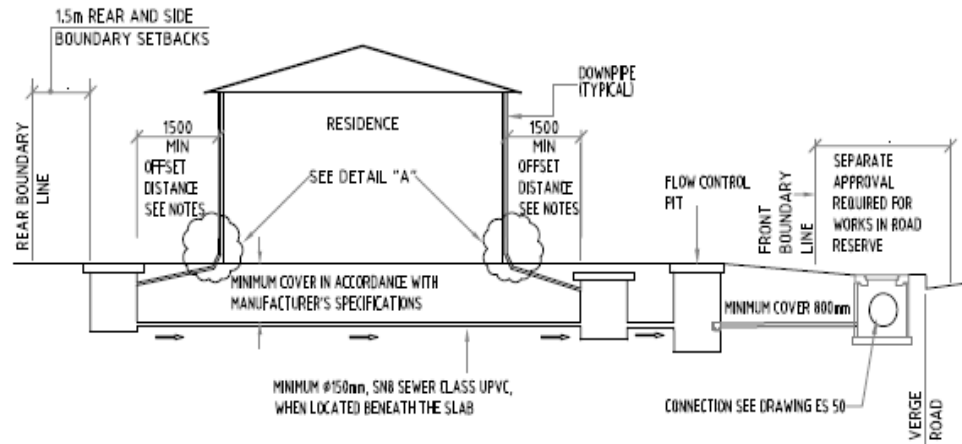




FLOW CONTROL PIT
SEE ALSO LOT CONNECTION PIT
DETAIL DRAWING ES50



**TYPICAL DOWNPIPE CONNECTION
DETAIL "A"**



SIDE ELEVATION - DETENTION SYSTEM ARRANGEMENT

NOTES:

1. FOR CLAY/SILTY SOIL SITES
2. TO ENABLE INSPECTION BEFORE BACKFILL, THE CITY'S TECHNICAL SERVICE DEPARTMENT IS TO BE NOTIFIED 48 HOURS PRIOR TO CONNECTION TO THE CITY'S SYSTEM
3. REFER TO SEPARATE INFORMATION SHEET FOR FURTHER NOTES

REVISION	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3	09/04/2015	DRAWING NO'S UPDATED, DWG AMENDED	SA	MB	MB
2	09/09/13	UPDATE DETENTION REFERENCE	SA	AT	MB
1	31/01/11	UPDATE TITLE BLOCK	QL	MB	MB

GENERAL NOTES

1. THIS DRAWING ALWAYS REMAINS THE PROPERTY OF THE CITY OF GOSNELLS AND MUST NOT BE RETAINED OR REPRODUCED WITHOUT PERMISSION
2. IN THE ABSENCE OF THE APPROVED SIGNATURE (ie. MANAGER TECHNICAL SERVICES) THIS DRAWING SHALL BE TREATED AS PRELIMINARY
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE

CITY OF GOSNELLS

2120 Albany Highway Gosnells 6110
PO Box 662, GOSNELLS 6950
WESTERN AUSTRALIA

Telephone 08 9391 3000
Facsimile 08 9391 3333
Online www.gosnells.wa.gov.au

STANDARD DRAWING

**RESIDENTIAL STORMWATER DISPOSAL
CLAY/SILTY SANDY SOIL SITE > 350m²**

DESIGN HJJ/MB DRAWN GL
SCALE NTS CHECKED MB DATE 07/04/09

STANDARD DRAWING NUMBER
ES-41

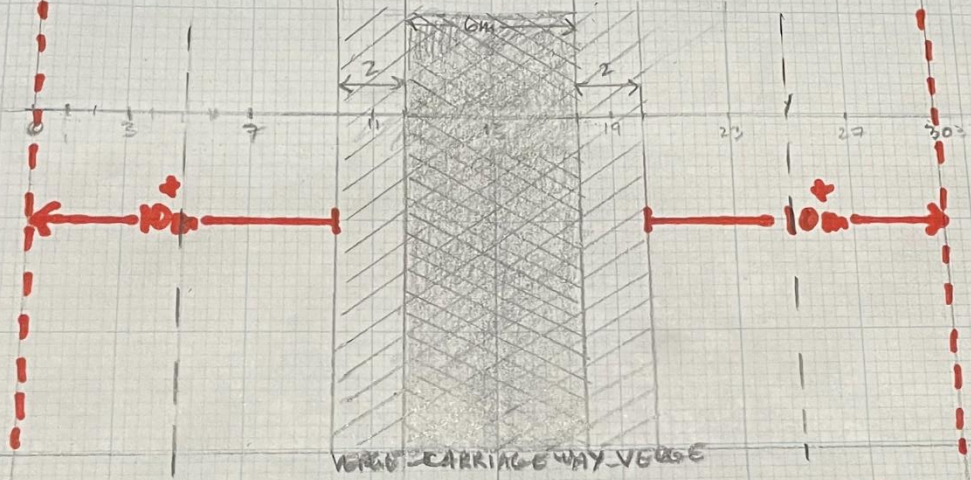
MANAGER TECHNICAL SERVICES
M. BOTTE 09/04/15
M. BOTTE



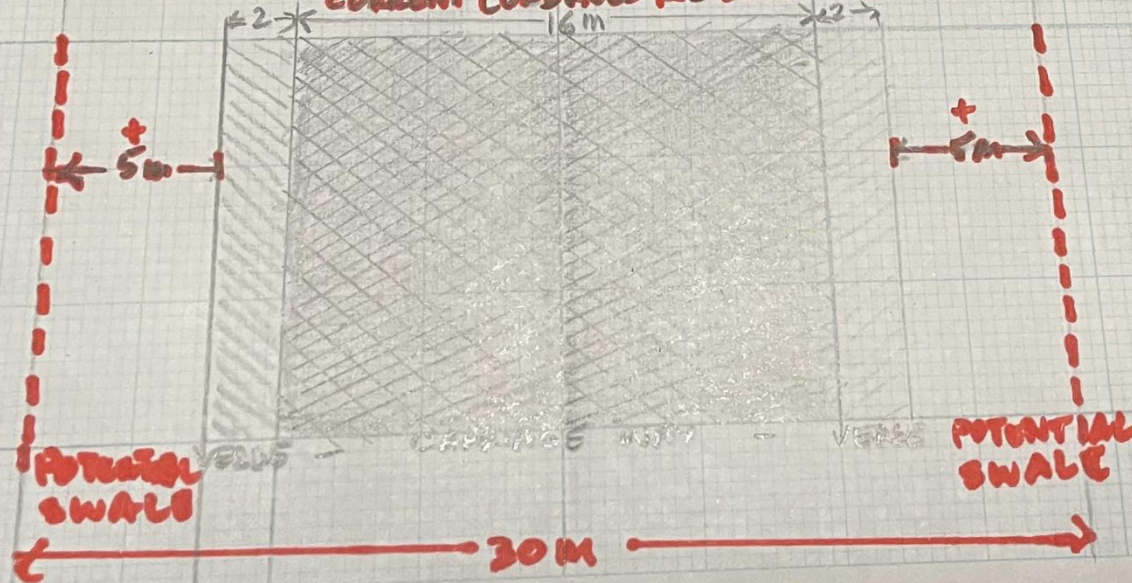
Grove Rd on approach to Yule Brook crossing 6m wide, sealed carriage way , typical of rural roads through the GBSW and surrounds. The Muchea Limestone TEC is in the CCW on RHS just beyond the wattles . A very dangerous road.

Rural Roads impact area
inc. by 20m to
30m wide
Industrial roads
with swales of
5m on each
side

CURRENT BRICK RD (RURAL) TOTAL WIDTH 10m inc. verges



CURRENT COLDWELL RD (INDUSTRIAL) TOTAL WIDTH 30m inc. verges





Impact on vegetation in GBSW & adjacent CCWs from road upgrades and proposed new roadside works in Structure Plan.

Location	L (length) of road (m)	Direct impact on native vegetation (ha)	Indirect impact on native vegetation (ha)	TOTAL (ha)
Impact on GBSW Impact on other e.g., CCW		Native vegetation to be cleared, road upgrade (width of 20m inc. 10m wide swale) (L x 20) ha	Native vegetation adjacent to works (L x 50) ha	
Brook Rd CoG MKSEA Precinct 2	1184	2.3680	5.9200	8.288
Brook Rd CoK MKSEA Precinct 3C cumulative	326	0.6520	1.6300	2.282
Boundary Rd, Brentwood Rd, and new roads proposed. MKSEA Precinct 2	1895	0.2600	9.5659	9.8259
Bickley Rd (Brook Rd to Wanaping Rd) work on ABR side of road only. MKSEA Precinct 2	642	1.2840	3.2100	4.494
Bickley Rd (Brook Rd to Wanaping Rd) no work on Wanaping Block side - only indirect impact. Not in MKSEA	642		3.2100	3.2100
Bickley Rd (CCW 15983) MKSEA Precinct 2	102	0.2040	0.5100	0.714
Victoria Rd CCW 8046 immediately adj. to MUC works MKSEA Precinct 2	153		0.7650	0.7650
Grove Rd to Brook Rd vegetation in CCW 7635 (west side road) no direct clearing on this side of road in ML TEC MKSEA Precinct 3B	107		0.5350	0.5350
Grove Rd to Brook Rd vegetation in Yule Bk floodplain (east side of road) inc by 10m width on east side only (no swale) MKSEA Precinct 3B	208	0.2080	1.0400	1.2480
Total Impact P2, 3B and 3C	5,259 m	4.976 ha	26.3859 ha	31.3619 ha

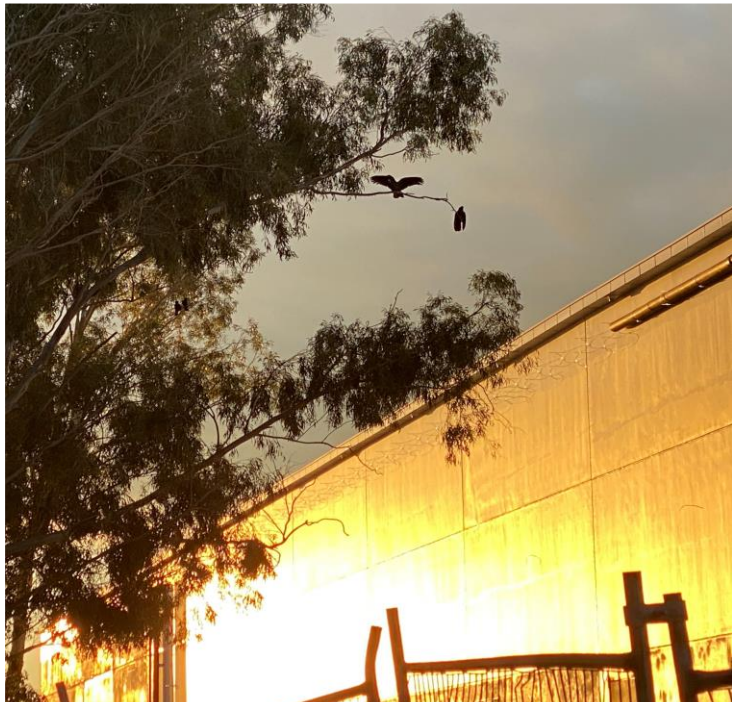
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BUSINESS AS USUAL----- OPEN ALL HOURS ----- 100% BUFFER FREE !
No-Snooze for Wicked T Fauna ! Pollution Guarantee - Direct to TEC ! Prescription-Kill --T Flora Bargains ! HazMat Warehouse Specials!





The Great Brixton Wetlands Need Your Submission

WATER and POLLUTION Infiltration at source (on lots), not pits and pipes . Yule Brook a Living Stream, a gift from the Waugal, not a polluted dying drain.
Constructed wetlands not MUCs. Real structural pollution controls.

BUFFERS and ROADS. Evidenced-based wetland buffer widths, not sham. Wildlife corridors not truck routes.

RECONCILIATION. Whadjuk-Nyungar custodians, scientists, community and government caring “right way” for boodja together.

ECOLOGICAL CONNECTIVITY. From the Falls to Floodplain- Yule Brook as part of the Yule Brook Regional Park – directly connected to the GBSW— drought-proofing biodiversity and increasing the livability of the City of Gosnells and beyond