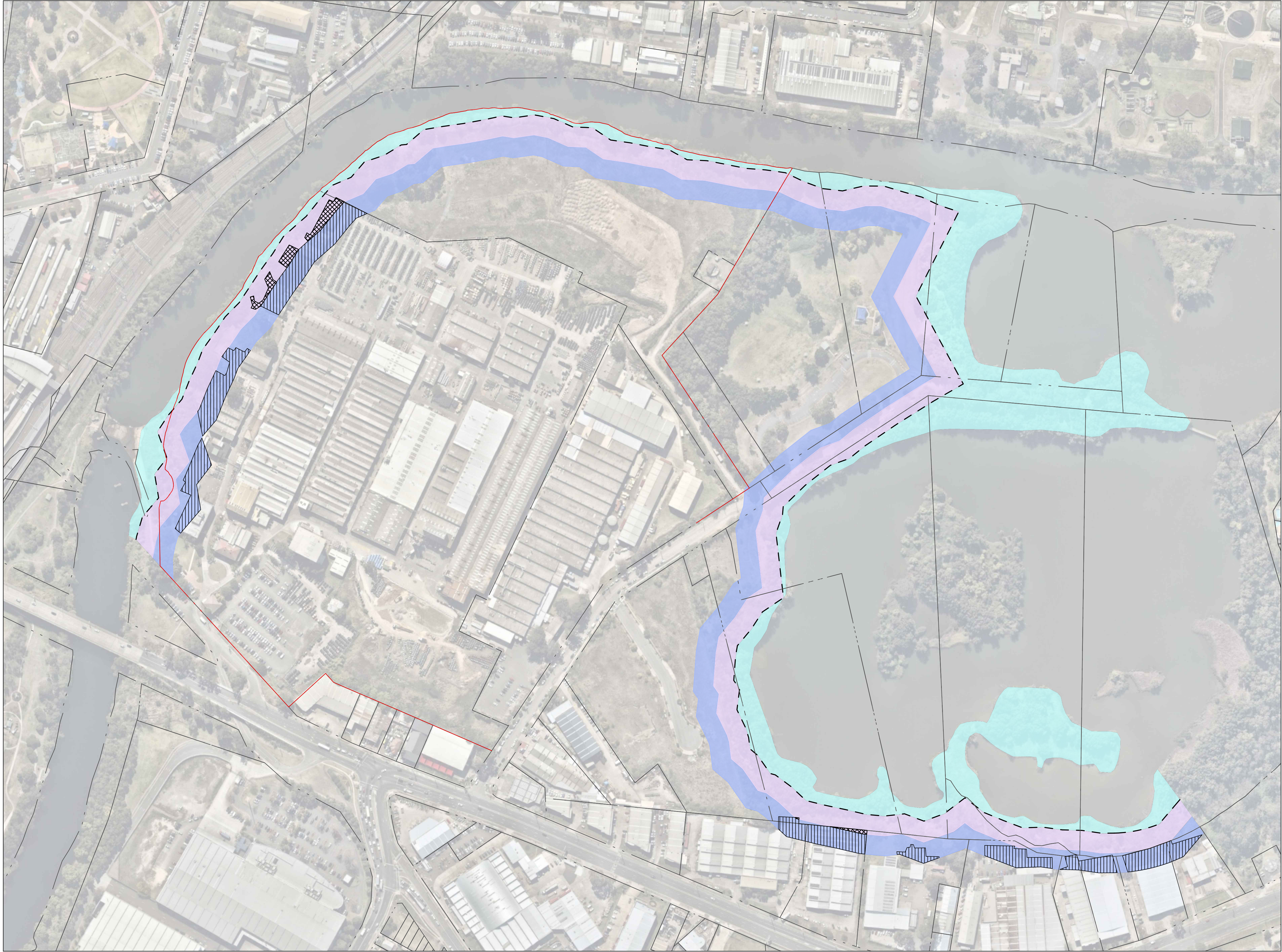


DRAWN: A. KAMPEROS DESIGNED: - JOB MANAGER: - VERIFIER: -



LEGEND	
	EXISTING BOUNDARY (CADASTRE)
	PROPOSED BOUNDARY
	HIGHEST BANK
	RIVER BANK (WIDTH VARIES) TOTAL AREA = 53,263m ²
	INNER VRZ (20m WIDTH) TOTAL AREA = 45,295m ²
	OUTER VRZ (20m WIDTH) TOTAL AREA = 44,923m ²

EXISTING DEVELOPMENT		
	Encroachment into outer VRZ (m ²)	10,029m ²
	Encroachment into inner VRZ and river bank (m ²)	14,17m ²

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	DRAFT FOR ISSUE	DC	-	MB	25.03.20
2	DRAFT FOR ISSUE	DC	-	MB	06.04.20

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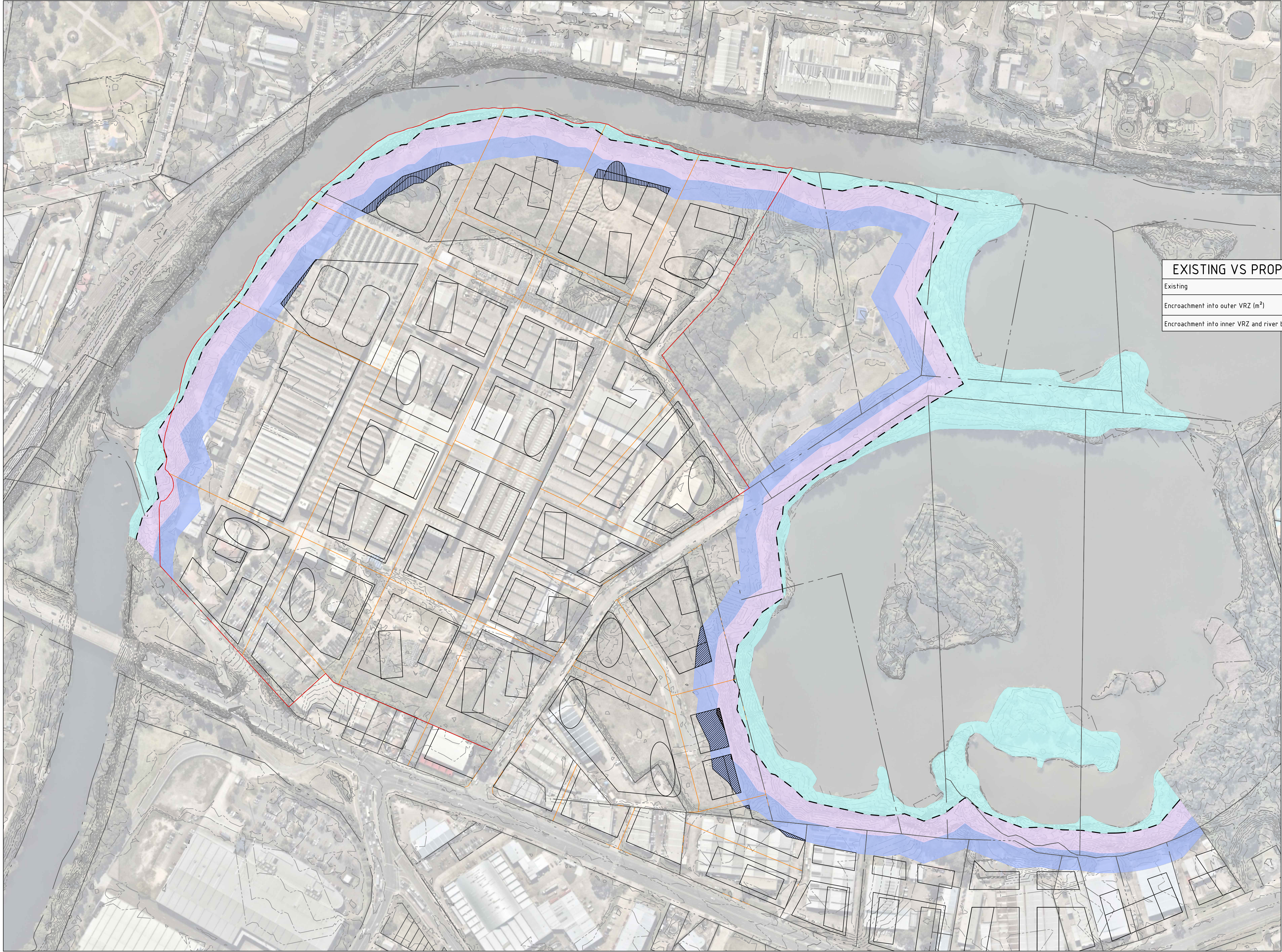
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Email sydney@northrop.com.au ABN 81 094 433 100	

PROJECT	MOORE POINT RIPARIAN STRATEGY
---------	----------------------------------

DRAWING TITLE	CIVIL DESIGN EXISTING DEVELOPMENT ENROACHMENT
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JOB NUMBER	190521
DRAWING NUMBER	SK01.01
REVISION	2
DRAWING SHEET SIZE = A1	

DRAWN: DESIGNED: JOB MANAGER: VERIFIER:



LEGEND	
	EXISTING BOUNDARY (CADASTRE)
	PROPOSED BOUNDARY
	HIGHEST BANK
	RIVER BANK (WIDTH VARIES) TOTAL AREA = 53,263m ²
	INNER VRZ (20m WIDTH) TOTAL AREA = 45,295m ²
	OUTER VRZ (20m WIDTH) TOTAL AREA = 44,923m ²

PROPOSED DEVELOPMENT		
	Encroachment into outer VRZ (m ²)	3,264m ²
	Encroachment into inner VRZ and river bank (m ²)	24m ²

EXISTING VS PROPOSED RIPARIAN CORRIDOR ENROACHMENT			
Existing		Proposed	
Encroachment into outer VRZ (m ²)	10,029m ²	Encroachment into outer VRZ (m ²)	3,264m ²
Encroachment into inner VRZ and river bank (m ²)	1,417m ²	Encroachment into inner VRZ and river bank (m ²)	24m ²

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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PROJECT	MOORE POINT RIPARIAN STRATEGY
---------	----------------------------------

DRAWING TITLE	CIVIL DESIGN
PROPOSED DEVELOPMENT ENROACHMENT	

JOB NUMBER	190521
DRAWING NUMBER	SK01.02
REVISION	2
DRAWING SHEET SIZE = A1	

DRAWN: A. KAMPEROS DESIGNED: JOB MANAGER: VERIFIER:



LEGEND	
	EXISTING BOUNDARY (CADASTRE)
	SITE BOUNDARY
	RIPARIAN ZONES
	OPEN SPACE
	RIVER FLAT EUCALYPTUS FOREST
	SWAMP OAK PLAIN FOREST
	OUT OF EVC STUDY BUT ASSUMED ECOLOGICALLY SIGNIFICANT

VEGETATED VRZ AREAS – RIVER FLAT EUCALYPTUS		
	Areas Retained (m ²)	Areas Lost (m ²)
Inner VRZ and River Bank	13,202	4,695
Outer VRZ	8,888	391

VEGETATED VRZ AREAS – SWAMP OAK PLAIN		
	Areas Retained (m ²)	Areas Lost (m ²)
Inner VRZ and River Bank	10,474	2,280
Outer VRZ	2,318	385

VEGETATED VRZ AREAS – VEGETATION OUTSIDE STUDY AREA		
	Areas Retained (m ²)	Areas Lost (m ²)
Inner VRZ and River Bank	31,534	nil
Outer VRZ	469	nil

TOTAL AREAS		
	Areas Retained (m ²)	Areas Lost (m ²)
Inner VRZ and River Bank	65,931	6,975
Outer VRZ	4,920	776

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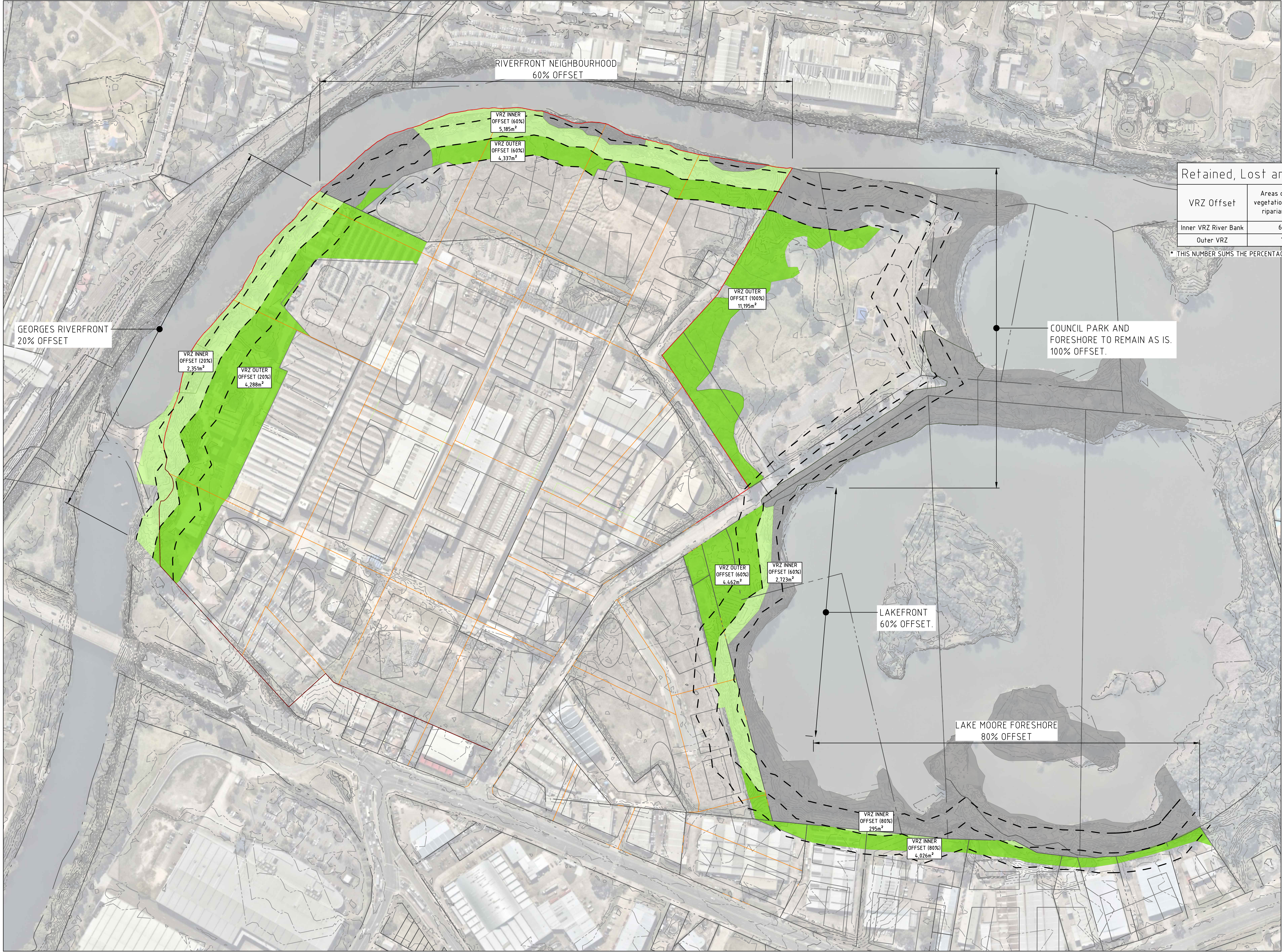
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PROJECT	MOORE POINT RIPARIAN STRATEGY
---------	----------------------------------

DRAWING TITLE	CIVIL DESIGN
IMPACTS ON VRZ	

JOB NUMBER	190521
DRAWING NUMBER	SK01.03
REVISION	2
DRAWING SHEET SIZE = A1	

DRAWN: A. KAMPEROS DESIGNED: JOB MANAGER: VERIFIER:



LEGEND	
	EXISTING BOUNDARY (CADASTRE)
	SITE BOUNDARY
	RIPARIAN ZONES
	RETAINED WATERFRONT VEGETATION AREA = 70,841 m ²
	INNER VRZ OFFSET AREA = 10,554 m ²
	OUTER VRZ OFFSET AREA = 27,790 [*] m ²

Retained, Lost and Offset Vegetated Riparian Corridor (m²)

VRZ Offset	Areas of existing vegetation lost within riparian corridor	Areas of vegetation retained within riparian corridor	Areas of vegetation offset, i.e. new plantings in riparian corridor plus existing vegetated areas outside and adjacent to riparian corridor
Inner VRZ River Bank	6,975	65,931	10,554 [*]
Outer VRZ	776	4,920	27,790 [*]

^{*} THIS NUMBER SUMS THE PERCENTAGE AREA OF OFFSET IN EACH RIVER ZONE OF THE DEVELOPMENT.

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PROJECT

MOORE POINT
RIPARIAN STRATEGY

DRAWING TITLE

CIVIL DESIGN

VRZ OFFSETS

JOB NUMBER

190521

DRAWING NUMBER

SK01.04

REVISION

2

DRAWING SHEET SIZE = A1