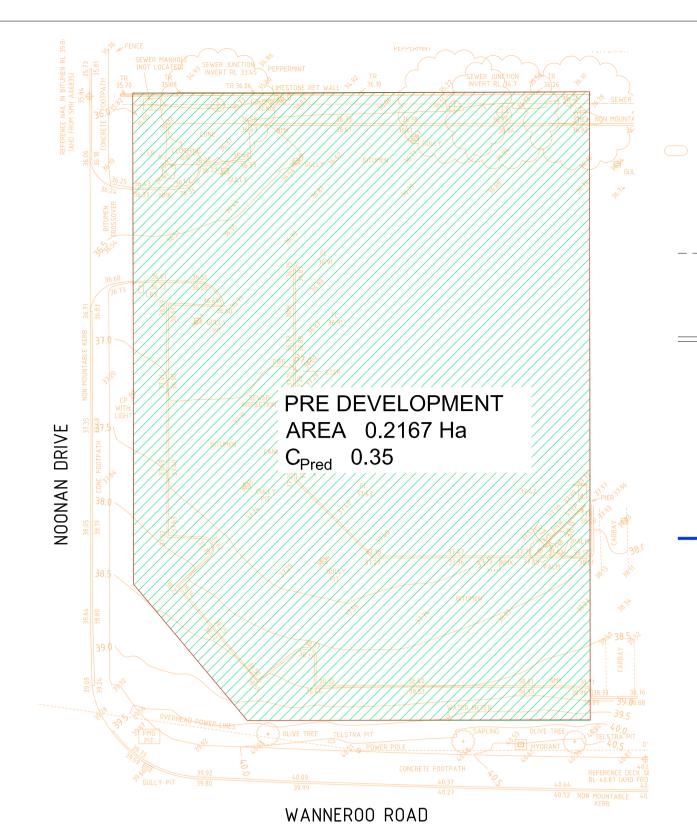


CLIENT

PREDEVELOPMENT FLOW

,	m³/s	0.042
Predevelopment Flow	l/s	42
C		0.550
C	/0	0.350
Clearance	%	0
1	mm/hr	197.6
Adopt	min	6.00
tc	min	3.02
		tc=58L/(A ^{0.1} S ^{0.2})
Distance	m	50.0000
Slope of Catchment	m/m	0.0175
Area of Catchment	ha	0.2167
		Predevelopment
		1%AEP

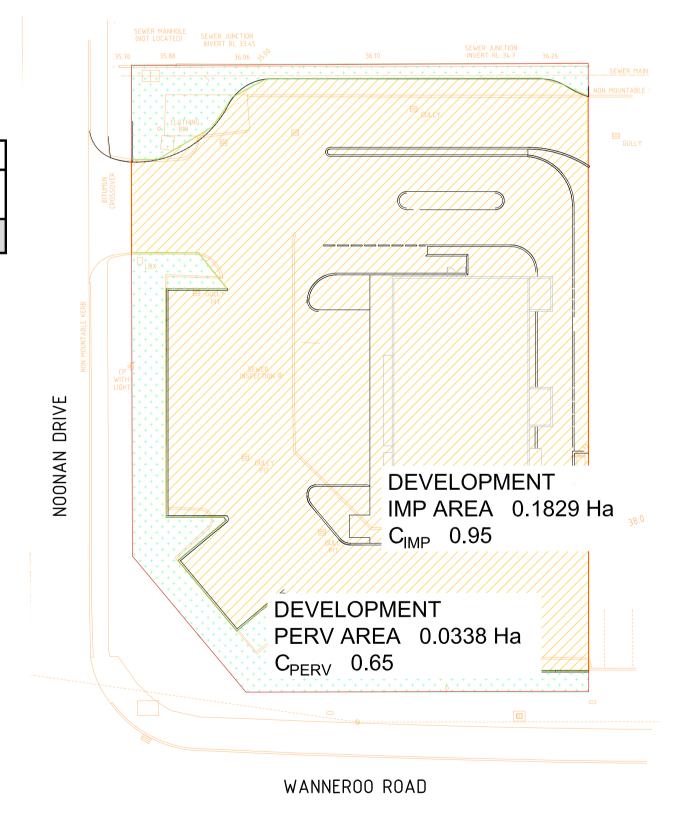


PREDEVELOPMENT DISCHARGE

1:300

Development Catchment Area

	CA ₁₀₀	1957		
	Impervious	1829	0.95	
	Pervious	338	0.65	
	Catchment	Area (Ha)	"C"	
N-14 10-07 1111		W. W	A SAME PROPERTY AND A SAME PARTY	



DEVELOPMENT CATCHMENT AREA 1:300

1.8m DIA X 1.8m DEPTH SOAKWELL WITH
HEAVY DUTY TRAFFICABLEGRATED COVER

1.2m DIA X 1.8m DEPTH SOAKWELL WITH
HEAVY DUTY TRAFFICABLE GRATED COVER

PROPOSED KERB

LEGEND

EXISTING CONTOURS

EXISTING TREES

EXISTING SPOT LEVELS

EXISTING KERBS AND FEATURES

FINISHED LEVEL CONTOURS

EXISTING SPOT LEVELS

150 Dia HDPVC CLASS 9 INTERCONNECTING PIPE MINIMUM COVER 600mm AND MINIMUM GRADE 1:150

PROPOSED BUILDING

PREDEVELOPMENT CATCHMENT AREA

DEVELOPMENT IMPERVIOUS AREA

DEVELOPMENT PERVIOUS AREA

NOTES:

- 1. ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE CITY OF WANEROO STANDARDS AND SPECIFICATION INCLUDING BUT NOT LIMITED TO WD5 STORMWATER DRAINAGE DESIGN
- 2. THE CONTRACTOR SHALL CO-ORDINATE THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORK. ANY CONFLICTS ARE TO BE REPORTED TO THE SUPERINTENDANT IMMEDIATELY.
- 3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DISCIPLINE DRAWINGS. IF A DISCREPANCY IS FOUND THE CONTRACTOR SHALL CONTACT THE SUPERINTENDANT FOR CLARIFICATION.
- 4. SOAKWELL DEP[TH SPECIFIED IS A MINIMUM ALL SOAKWELLS MUST HAVE A MINIMUM BASE LEVEL OF RL 34.60
- 5. THIS STORMWATER MANAGEMENT PLAN ASSUMES SAND SOIL CONDITIONS IF OTHER ENCOUNTERED THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY

DIAL 1100
BEFORE YOU DIG

4 0 4 8 12 16 20r SCALE 1:200

1% AEP STORAGE

Storage required				
	Critical Storm (t _c)	6	min	
	CA ₁₀₀	0.1957	На	
	I ₁₀₀	197	mm/hr	
De	tention Storage Required	23.08	cum	
	Storage Provided			
No.	Description			
7	1.8m Dia x 1.8m Depth Soakwell	21.38	cum	
1	1.2m Dia x 1.8m depth	2.04	cum	
To	tal Storage Provided	23.42	cum	

A 17.03.2024 JF CF ISSUED FOR APPROVAL

Drn. Des. Issue Description

PRELIMINARY

ADEQUACY

∖Rev. Date

Colin Fingher

COLIN FINGHER B.E. M.I.E. No. 4257751

For OCHRE WEST CONSULTING ENGINEERS

17.03.2024

DATE

BEQUITY PTY LTD



(/ PROJECT	١
	COMMERCIAL DEVELOPMENT	
	© 2012 915 (LOT 200) WANNEROO ROAD, WANNEROO	

© 2012	•	'	
DRN	LEINGHER	REVIEWED	DATE
	3.1 11, 31, 12, 10	Colin Fingher	17.03.2024
DESIGN	CEINCHED	Cottil i iligilei	17.03.2024
design c.fingher		APPROVED FOR ISSUE	DATE
DIRECTOR	C.FINGHER	Colin Fingher	17.03.2024

STORMWATER MANAGEMENT PLAN

SCALE

AS SHOWN

A1

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WWW.OCHREWEST.COM.AU (08)9246 9094 P.O BOX 735 BALCATTA 6914