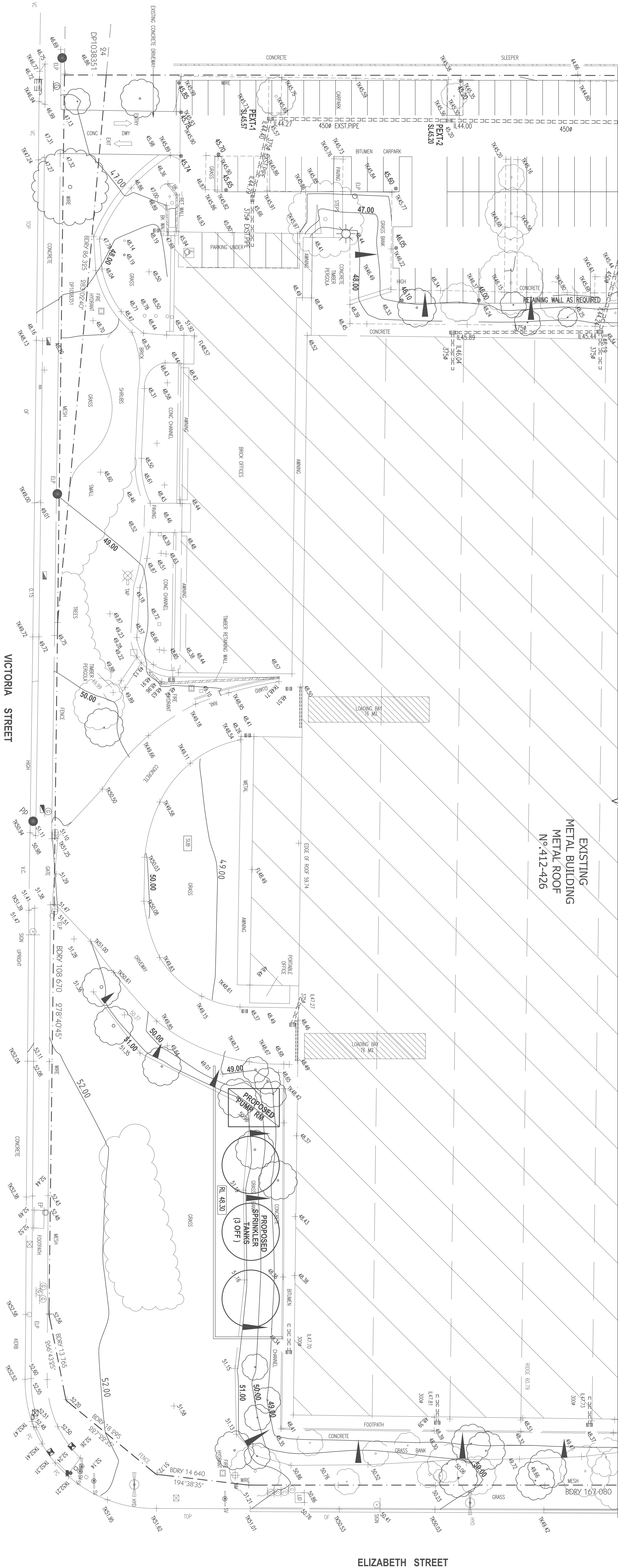


PART 1
REFER TO SHEET D01



1:300

STORMWATER DRAINAGE CONCEPT PLAN(PART-2)

RAINFALL CALCULATION SHEET FOR ROOF AND SURFACE STORMWATER DRAINAGE DESIGN																									
Rainfall Details obtained from Fairfield City Council																		5 yr A Rainfall Intensity		135		mm/hr			
REDFERN & VICTORIA STR. W PARK (ABO)																		P 3249							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18								
PT	Contrib	Length	Roof Area	Paved Area	Perv. Area	Product of CVA Values	Design 2.5 m/s	Pipe dia 150 mm	Pipe dia 150 mm	Pipe Full 150 mm	US 150 mm	DS 150 mm	US 150 mm	DS 150 mm	Coar 150 mm	DS 150 mm									
CODE	US	DS	m	m ²	m ²	m ²	m ²	m	m	%	m/s	m/s	m/s	level	level	exit	exit								
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				m ²	m ²	m ²	m ²	m	m	%	m/s	m/s	m/s	level <td>level<td>exit<td>exit</td></td></td>	level <td>exit<td>exit</td></td>	exit <td>exit</td>	exit								
				m ²	m ²	m ²	m																		

PIT SCHEDULE									
PIT/	DEPTH	COVER	TYPE OF NODE / PIT COVER						
MODE		SIZE							
	m	mm x mm							
		(Min)							
IE10	0.63	150 mm dia (mm)	CAPPED AND SEALED CLEANING EYE						
IE11	0.89	150 mm dia (mm)	CAPPED AND SEALED CLEANING EYE						
IE12	1.16	150 mm dia (mm)	CAPPED AND SEALED CLEANING EYE						
IE13	0.73	150 mm dia (mm)	CAPPED AND SEALED CLEANING EYE						
P1	0.63		HEAVY DUTY TRAFFICABLE GRATE						
J1A	1.03		JUNCTION ONLY						
P8A	0.73	600x660	HEAVY DUTY TRAFFICABLE GRATE						
P6	0.77	600x660	HEAVY DUTY TRAFFICABLE GRATE						
P7	1.06	600x660	HEAVY DUTY TRAFFICABLE GRATE						
P8	1.26	900x660	HEAVY DUTY TRAFFICABLE GRATE						
P9	0.88	600x660	HEAVY DUTY TRAFFICABLE GRATE						
P2	0.55	450x660	HEAVY DUTY TRAFFICABLE GRATE						
P3	1.01	600x660	HEAVY DUTY TRAFFICABLE GRATE						
P4	1.22	900x660	HEAVY DUTY TRAFFICABLE GRATE						
P4A	0.73	600x660	HEAVY DUTY TRAFFICABLE GRATE						
IE3	0.55	150 mm dia (mm)	CAPPED AND SEALED CLEANING EYE						
J1	0.88	-	JUNCTION ONLY						
J2	1.21	-	JUNCTION ONLY						
J3	1.54	-	JUNCTION ONLY						
P5	0.73	600x660	HEAVY DUTY TRAFFICABLE GRATE						
PEXT3	1.10	600x660	HEAVY DUTY TRAFFICABLE GRATE						
PEXT4	1.28	900x660	HEAVY DUTY TRAFFICABLE GRATE						
PEXT5	1.64	900x660	HEAVY DUTY TRAFFICABLE GRATE						

[illegible]