

No.	Description	Date	Drawn by :		
1	Preliminary issue	22.03.08	Franz		
2	Preliminary issue	22.03.25			
3	Preliminary issue	22.04.05	Cheked by :	ĸ	
			Karl Diskoros	ľ	

Approved by :

(arl Diskoros Be, Mie Aust, CPeng NPER



Address : Level 1, 55 Falcon Address : street, Crows nest, NSW, 2065 Client/s Tel: (02) 8068 1381 Mob : 0434 279 027 Stormwater drainage

Project no :

Project

relevant authorities should be notified prior to any excavation on Developers & excavators may be held financially responsible by

the asset owner should they damage underground networks.

#### Proposed alteration and addition

14 lvy Street Greenacre NSW 2190							
	Andrew	Dwg no :	A01				
er drainage plan		Notes :	Stormwater				
):	941109668	Scale :	As shown @ A3				





#### Provide silt fence



### Pit size table - number 1

Internal pit size mm	Depth mm
300x300	<600
450x450	600-800
600x600	800-1000
600x900	1000-1300
900x900	>1300



Scale: 1:50

# Plan of kerb inlet sediment trap





Disturbed area

Disturbed area-

## Plan of surface inlet sediment trap



**Temporary construction exit** 

2500

### Note

Scale: 1:50

- 1. Areas in excess of 1600m<sup>2</sup> should have the flows spit and additional pits provided or an alternative design submitted. 2. Pits may be constructed of brick or concrete ( precast or cast in-situ) or concrete blocks or
- plastic if not subject to vehicle loads.
- 3. In solid rock the width of the aggregate base may be reduced to the width of the pit and depth D reduced to 100 mm for all pit sizes. 4. For pits with W greater than 900mm
- a. The grates are to be constructed in components not exceeding 600x600 for easy lifting and preferably light duty where possible.
- b. The maximesh screen is to be supported on its own frame.
- c. Increase the number of seepage holes





## Typical pit number 2

Scale: 1:20

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3	Preliminary issue	22.04.05	Cheked by :		Diskoros	Tel : (02) 8068 1381	Client/s :	Andrew	Dwg no :	A02
			Karl Diskoros	Karl Diskoros Be, Mie Aust, CPeng NPER	ENGINEERING	Mob : 0434 279 027	Stormwater details		Notes :	Stormwater
			-		,		Project no :	941109668	Scale :	As shown @ A3



-Disturbed area







-Roll of welded fence meshed, 50x50mm. Diameter of roll 200x250.m. with 75mm rock.

## Pit size table - number 2

dth (W)	De	pth
	Sandy soil	Poor soil/clay
350	300	200
450	300	200
800	350	250
900	400	300
1200	450	350



-4x100 diameter seepage holes

#### Typical detail for a silt arrestor pit





### Typical detail - Combined Detention/ rainwater Re-use tank

#### Notes

- 1. Final location of new downpipes to be determined by builder / architect at time of construction. 2. These drawings to be read in conjunction with architects and other consultants drawings. Any discrepancies to be referred to the engineer before proceeding with work. 3. All materials and workmanship to be in accordance with AS / NZS 3500.3 : 2003 stormwater drainage , bca and local council policy / consent / requirements.
- 4. All dimensions and levels to be verified by builder on site prior to commencement of works. These drawings are not to be scaled for dimensions nor to be used for setout purposes.
- 5. All survey information and proposed building and finished surface levels shown in these drawings are based on levels obtained from drawings by others.
- 6. These drawings depict the design of surface stormwater runoff drainage systems only and do not depict roof drainage or subsoil drainage systems unless noted otherwise. The design of roof and subsoil drainage systems is the responsibility of others. 7. All stormwater drainage pipes are to be 100mm diameter upvc at minimum 1 % grade unless noted otherwise.
- 8. It is the contractors responsibility to locate and level all existing services or other structures which may affect / be affected by this design prior to commencement of works.
- 9. All pits within driveways to be 150mm thick concrete or equal 10. this plan is the property of stormcivil and may not be used or reproduced without written permission from stormcivil.

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				Karl Diskoros Be, Mie Aust, CPeng NPER skoros	ENGINEERING	Mob : 0434 279 027	Typical de	etail - Combi	
							Project no	):	

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Dwg no :	A03
Notes :	Stormwater
Scale :	As shown @ A3
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