

ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR

SW Packaged Pump
 CL=130.000
 IL=125.985
 Sump Level=124.985
 Design Head=2.70m
 5 l/s pump rate

Surface Water runoff from new Chimpanzee House to outfall into proposed infiltration Swale.

Storm Inlet
 IL=128.700

1200mmØ Ring MH
 CL=130.00
 IL=128.75
 Sump Level=128.20

Swale
 IL=128.692

Swale
 IL=128.686

Swale
 IL=128.678

Swale
 IL=128.670

Swale
 IL=128.660

Swale Outlet
 SIL=128.50

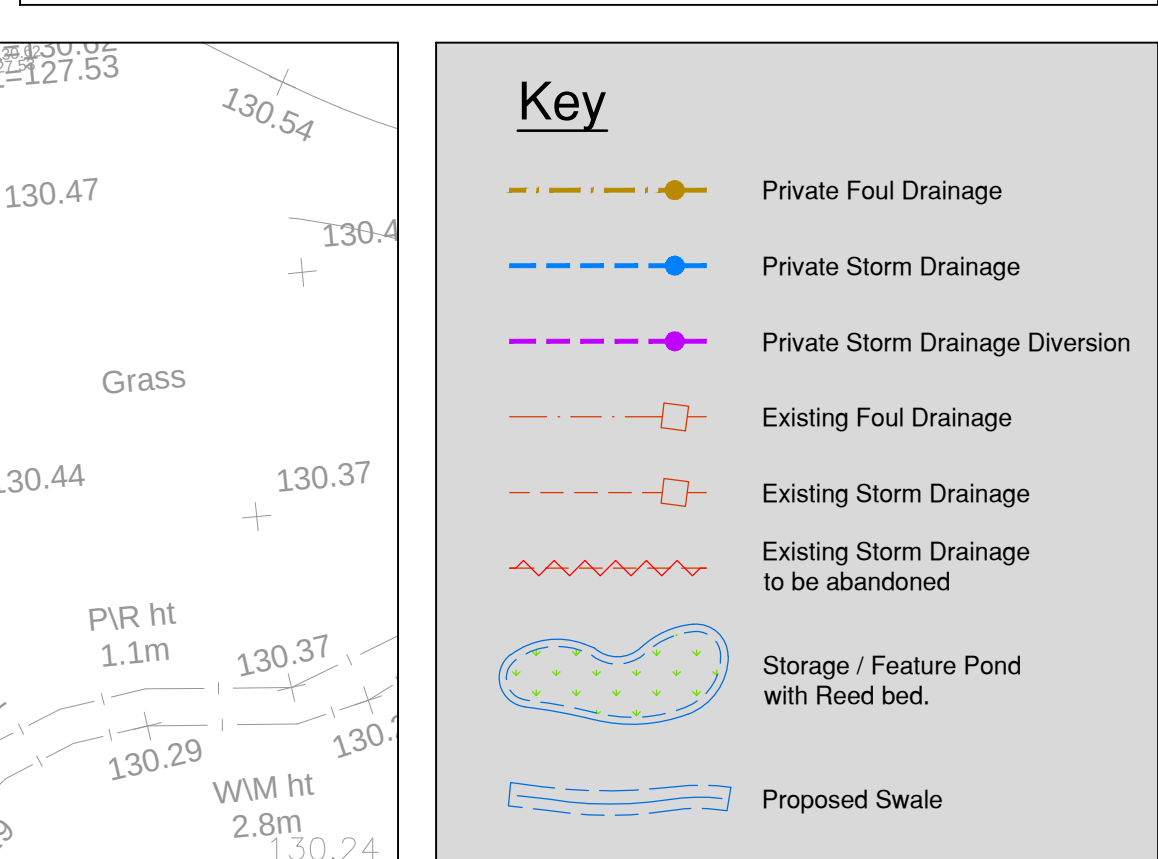
Feature / Infiltration Pond
 planted with Aquatic Plants / Reeds.
 Base Level = 127.500

Overflow
 IL=128.250

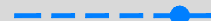
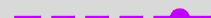
High level 1500 over flow pipe to outfall into existing 1500 storm water drain.

Existing SW Drainage

Inset: TYPICAL CO
 Wetland Plan
 Adjacent Runoff
 Swale side
 Grassed
 erosion.
 0.35m minimum depth
 1.0m depth
 1:3



Key

	Private Foul Drainage
	Private Storm Drainage
	Private Storm Drainage Diversion
	Existing Foul Drainage
	Existing Storm Drainage
	Existing Storm Drainage to be abandoned
	Storage / Feature Pond with Reed bed.
	Proposed Swale

FC0	FINAL CONSTRUCTION ISSUE	RA	01.02.
C4	Construction Issue	AW	17.10.
C3	SW invert levels amended following comments from B&K	AW	05.09.
C2	SWALE INVERT LEVELS ADDED	AW	19.05.
C1	CONTRACT ISSUE	RA	24.01.
P2	FOUL WATER DISCHARGE FROM INTERNAL HABITATE REVISED TO A PUMP FACILITY.	QJB	25.11.
P1	METHOD OF SURFACE WATER DISCHARGE FROM MOAT REVISED TO A PUMP FACILITY.	MS	15.11.
P0	INITIAL ISSUE.	QJB	04.11.
REV	AMENDMENT	BY	DATE

PURPOSE OF ISSUE	
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PROJECT

NEW CHIMPANZEE HABITAT,
TWCROSS ZOO

SHEET SIZE	SCALE	DATE	DRAWN	CHECKED	STATUS
A1	1:200	NOV 2016	OJB	MS	-

CCE PROJECT No.	DRAWING No.	REV
c6686	500	FO