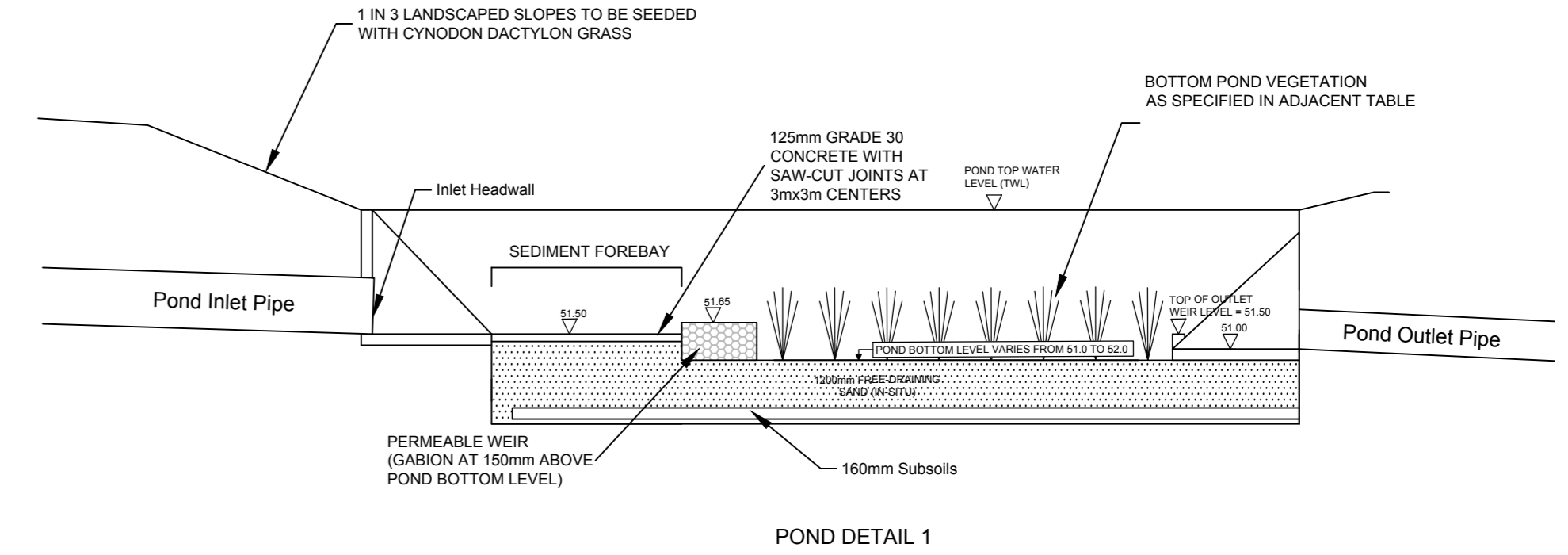


CROSS SECTION A - A
SCALE 1:250



Bottom Pond Vegetation Specifications:

- CCT SUDS Landscape and Indigenous Plant Species Guideline dated 28/02/2011 To be in accordance with The Sustainable Urban Drainage System
- Extract from table 1 of SUDS Guideline: (Specifically applicable to this project):
*The main functions of each SUDS type has been listed first with the secondary or minor function/s listed in brackets:
C=conveyance ; I=Infiltration ; T=treatment ; D=detention

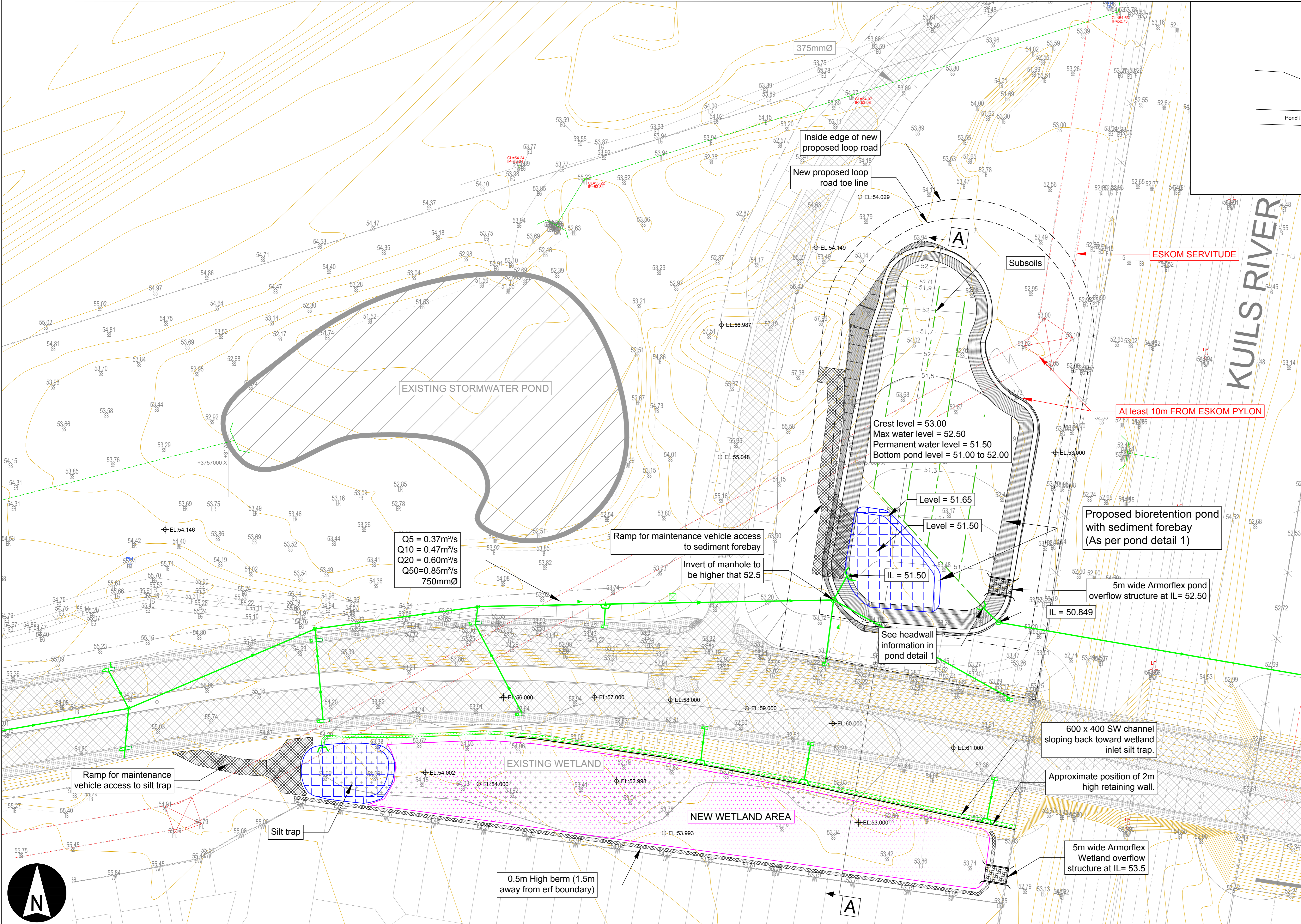
Table 1: General Information regarding SUDS Types

SUDS Type and functions	Typical conditions	Exposure to wet conditions/ stormwater pulses	Comments	Maintenance requirements (not all have been listed)
Infiltration system (I/D)	Mostly Dry	48 to 72 hours	many indigenous terrestrial shrub, flower and groundcover species could also be appropriate	removal of litter & weeds, vegetation maintenance; maintenance of under drain structures if present
Infiltration system (I/T)	Mostly Dry	48 to 72 hours	avoid plants with aggressive root systems that could disrupt the underlying infiltration media	removal of litter & weeds, vegetation maintenance; maintenance of infiltration media layers (coarse aggregate, geo fabric ect. annual light lifting

3) Extract from table 2 of SUDS Guideline: (Specifically applicable to this project):

Table 2: SUDS Species List

Scientific Name	Common Name	Preferred wetting regime	Growth Form	Max height (m)	Soil type	Comments (known propagation)	Impedes flow?	Commercial availability?
Ficinia bulbosa	Sedge	Moistly dry	Graminoid: tufted, fine leaves	0.5m		inflorescences with long wispy bracts (seed)	N	Y
Ficinia capillata	Sedge	Moistly dry	Graminoid: tufted, fine leaves	0.2m		(Seed)	N	Y
Ficinia dunensis	Sedge	Moistly dry	Graminoid: tufted	0.2m	Sand	Dunes - alkaline sands (seed)	N	Y
Ficinia lateralis	Sedge	Moistly dry	Graminoid	0.3m		(Seed)	N	Y
Ficinia nigrescens	Sedge	Moistly dry	Graminoid: tufted	0.4m		(Seed)	N	Y
Ficinia zymana	Sedge	Moistly dry	Graminoid	0.4m	Sand	Coastal alkaline sand (Division and seed)	N	
Murilla minor	Shrub	Moistly dry	Shrub	1.0m	Sand	(Cuttings)	N	

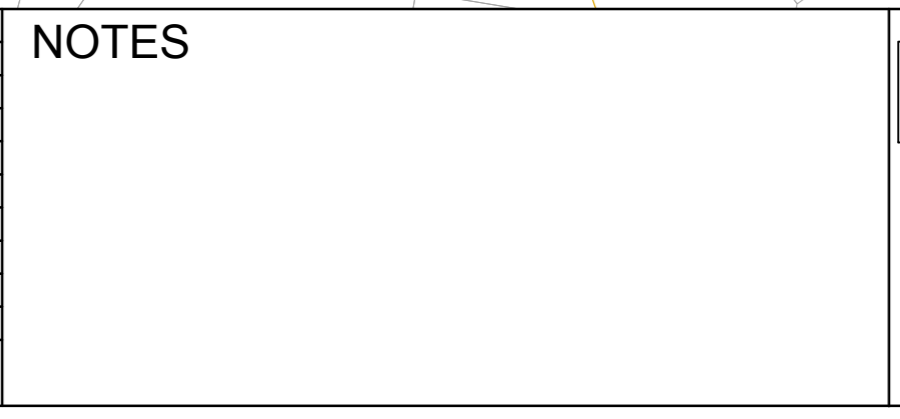


LEGEND:

SYMBOL	DESCRIPTION
	CLASS 1000 SPIGOT AND SOCKET STORMWATER PIPE & MANHOLE
	EXISTING STORMWATER PIPE
	STORMWATER HEADWALL
	SUBSOIL
	EXISTING BIO-RETENTION AREAS
	EXISTING NATURAL WETLAND
	NEW WETLAND AREA
	PROPOSED NEW BIO-RETENTION POND WITH SEDIMENT FOREBAY

NOTES

No.	DATE	REVISION	CONSULT. ENG.



GENERAL NOTES
NO DIMENSION OR LEVEL TO BE SCALED OFF THIS DRAWING
ALL DIMENSIONS AND LEVELS TO BE CONFIRMED PRIOR TO CONSTRUCTION
THE POSITION OF ALL EXISTING SERVICES ARE TO BE OBTAINED FROM THE MUNICIPAL AUTHORITIES AND IF UNKNOWN THE EXACT POSITION SHALL BE DETERMINED BY CAREFUL HAND EXCAVATION.

CLIENT

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CC1473 - ERICA ROAD STORMWATER STUDY

ERICA ROAD STORMWATER DETENTION POND 1 LAYOUT

SCALE: 1:500 SHEET 1 OF 1

DESIGNED BY PROF REG NO.	DRAWING CHECKED BY PROF REG NO.
DRAWN BY DATE	MARCH 2019
PROJECT No. CC147300	DRG No. CC1473-C-101
REV No. 0	