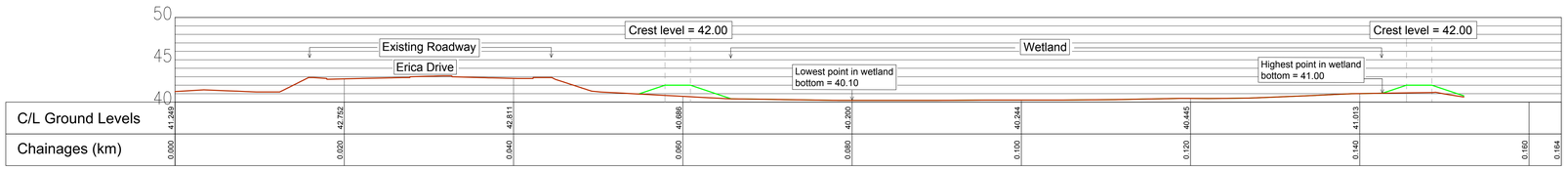
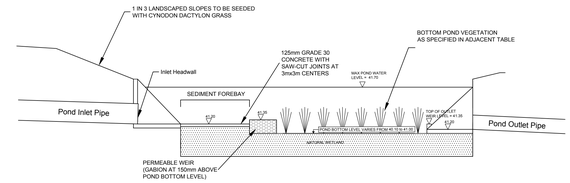
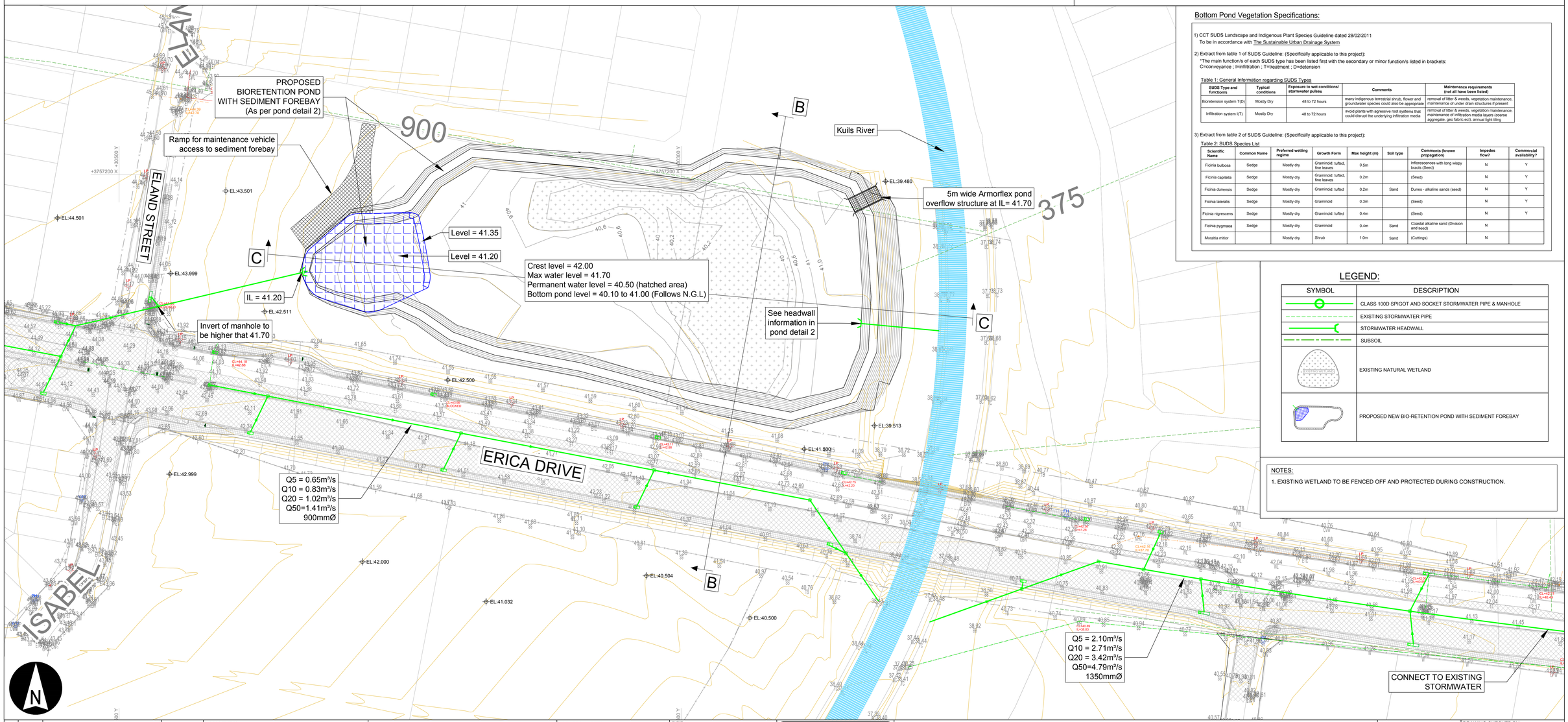
CROSS SECTION C - C
SCALE 1:250



CROSS SECTION B - B
SCALE 1:250



POND DETAIL 2



Bottom Pond Vegetation Specifications:

1) CCT SUDS Landscape and Indigenous Plant Species Guideline dated 28/02/2011
To be in accordance with The Sustainable Urban Drainage System

2) Extract from table 1 of SUDS Guideline: (Specifically applicable to this project):
*The main function/s 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=detension

Table 1: General Information regarding SUDS Types

SUDS Type and function/s	Typical conditions	Exposure to wet conditions/ stormwater pulses	Comments	Maintenance requirements (not all have been listed)
Bioretension system T(D)	Mostly Dry	48 to 72 hours	many indigenous terrestrial shrub, flower and groundwater 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 agressive 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 tilling

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	Mostly dry	Graminoid: tufted, fine leaves	0.5m		Inflorescences with long wispy bracts (Seed)	N	Y
Ficinia capitella	Sedge	Mostly dry	Graminoid: tufted, fine leaves	0.2m		(Seed)	N	Y
Ficinia dunensis	Sedge	Mostly dry	Graminoid: tufted	0.2m	Sand	Dunes - alkaline sands (seed)	N	Y
Ficinia lateralis	Sedge	Mostly dry	Graminoid	0.3m		(Seed)	N	Y
Ficinia nigrescens	Sedge	Mostly dry	Graminoid: tufted	0.4m		(Seed)	N	Y
Ficinia pygmaea	Sedge	Mostly dry	Graminoid	0.4m	Sand	Coastal alkaline sand (Division and seed)	N	
Muraltia mitior		Mostly dry	Shrub	1.0m	Sand	(Cuttings)	N	

LEGEND:

SYMBOL	DESCRIPTION
	CLASS 100D SPIGOT AND SOCKET STORMWATER PIPE & MANHOLE
	EXISTING STORMWATER PIPE
	STORMWATER HEADWALL
	SUBSOIL
	EXISTING NATURAL WETLAND
	PROPOSED NEW BIO-RETENTION POND WITH SEDIMENT FOREBAY

NOTES:
1. EXISTING WETLAND TO BE FENCED OFF AND PROTECTED DURING CONSTRUCTION.

No.	DATE	REVISION	CONSULT. ENG.

NOTES

FOR DISCUSSION

0 1 2 6 8 10

ORIGINAL SCALE

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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CONSULTING ENGINEERS AND PROJECT MANAGERS
Office Suite 209, Tyger Lake Building, 2 Nagara Way, Tyger Falls, Bell Ville, 7530
Tel - (021) 914-3503, Fax - (021) 914-0016
P.O. Box 3970, Tyger Valley, 7536
e-mail - cpt @ ingerop.co.za

CC1473 - ERICA ROAD STORMWATER STUDY

ERICA ROAD STORMWATER DETENTION POND 2 LAYOUT

SCALE : 1:500

SHEET 1 OF 1

DESIGNED BY	DRAWING CHECKED BY
PROF REG NO.	PROF REG NO.
DRAWN BY	DATE: MARCH 2019
PROJECT No.: CC147300	
DRG No.: CC1473-C-102	REV No: 0