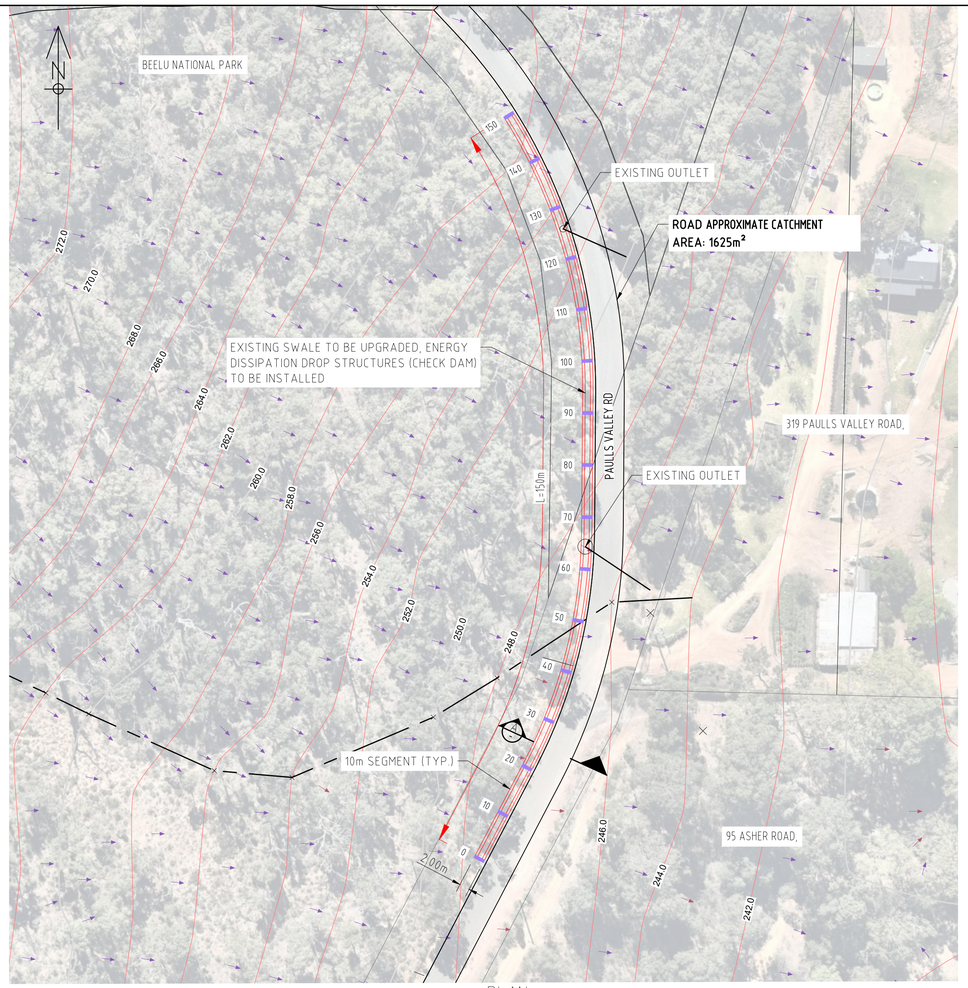
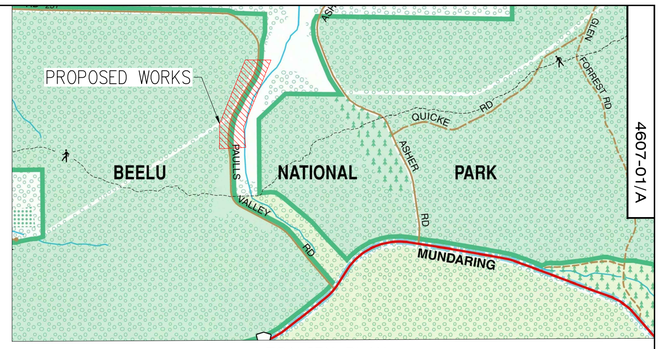


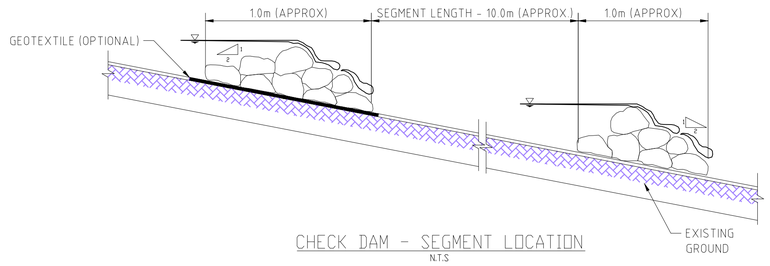
PLAN
1:500



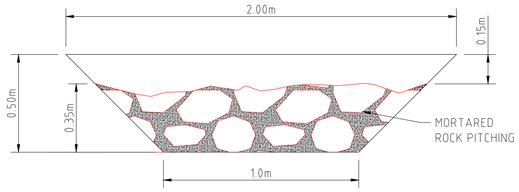
LOCALITY PLAN
N.T.S

4607-01/A

OPEN DRAIN - CHECK DAM STRUCTURES OPTION 1



CHECK DAM - SEGMENT LOCATION
N.T.S



CHECK DAM - SECTION A-A
N.T.S

OPEN DRAIN VOLUME (80% CAPACITY) : 90m³
LENGTH REQUIRED 150m (APPROX)

SEGMENT OPEN DRAIN VOLUME: 5.6m³
LENGTH OF SEGMENT: 10m
NUMBER OF SEGMENTS: 15

NOTES:

1. STORAGE VOLUME REQUIRED : 128.496m³
   STORAGE SYSTEM AND LOCATION ARE TO BE CONFIRMED
2. CONTOURS INFORMATION FROM ESINET (WATER CORPORATION)

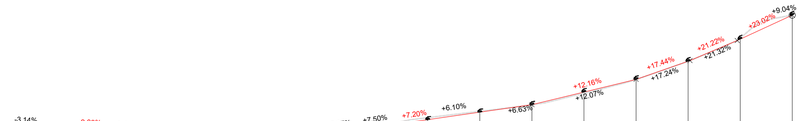
LEGEND:

+21.32% EXISTING LONGITUDINAL SLOPE
+21.22% DESIGN LONGITUDINAL SLOPE

WARNING
SERVICES AND CADASTRAL BOUNDARY LOCATIONS ARE ONLY INDICATIVE AND MUST NOT BE USED FOR EXCAVATION. THE "ONE CALL 1100" SYSTEM SHALL BE USED TO OBTAIN ACCURATE SERVICE LOCATIONS.

FOR INFORMATION ONLY

CONCEPT



-CUT / +FILL	0.000	+0.095	+0.166	+0.164	-0.076	-0.141	-0.111	-0.105	-0.195	-0.084	0.000	+0.104	0.000	+0.025	-0.106	0.000
DESIGN SURFACE LEVEL	247.763	247.554	247.346	247.138	246.929	246.720	246.954	247.674	248.395	249.115	249.835	251.051	252.267	254.011	256.130	258.432
EXISTING SURFACE LEVEL	247.763	247.459	247.180	246.974	247.005	246.860	247.064	247.780	248.590	249.199	249.835	250.947	252.267	253.986	256.238	258.432
CHAINAGE	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00

OPEN DRAIN - LONG SECTION
N.T.S

*NOTE: DESIGN HAS BEEN BASED ONLY ON WATER CORPORATION CONTOURS.

City of Kalamunda — ASSET SERVICES

319 PAULLS VALLEY RD
STORMWATER DRAINAGE UPGRADE

PAULLS VALLEY

CONCEPT PLAN

No.	REVISION	BY	DATE	AUTH
A	ISSUED FOR INFORMATION	C.C	01/09/21	L.P

No.	REVISION	BY	DATE	AUTH

AS SHOWN

DATUM: AHD
GRID:

SURVEYED: ENGINEERING SURVEYOR
DESIGNED: C.CARRILLO 08/09/2021 INFRASTRUCTURE DESIGN OFFICER
CONSTRUCTABILITY REVIEW:
CHECKED: L. PUDHOTA 17/09/2021 COORDINATOR PROJECT DESIGN
AUTHORISED: N. PARKER 20/09/2021 MANAGER ASSET DELIVERY
APPROVED: B. JACKSON 20/09/2021 DIRECTOR ASSET SERVICES

Discipline: CI
Structure Code: 420
JOB No. -

DRAWING-No. 4607-01/A
-SHEET /REVISION
ORIGINAL DRG. SIZE A1