



DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
THE CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON SITE.
ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ENGINEER
FOR CLARIFICATION BEFORE PROCEEDING.
THIS DRAWING IS COPYRIGHT AND OWNED BY AEGAEA.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
REFER TO THE RELEVANT CONSTRUCTION (DESIGN AND MANAGEMENT)
DOCUMENTATION WHERE APPLICABLE.
IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY
A COMPETENT CONTRACTOR, WORKING WHERE APPROPRIATE TO AN
APPROVED METHOD STATEMENT.

OVERLAND FLOW ROUTES BASED ON ON LIDAR LEVEL
DATA, TO BE CONFIRMED DURING DETAILED DESIGN.

LEGEND

- PROPOSED SURFACE WATER SEWER
- PROPOSED 30,000 l RAIN WATER BUTT / STORAGE
- PROPOSED OUTFALL
- EXISTING WATERCOURSE
- EXISTING OVERLAND FLOW ROUTE
- POST CONSTRUCTION OVERLAND FLOW ROUTE

THIS DRAWING SHOULD BE READ IN CONJUNCTION
WITH DRAINAGE DRAWING REF: AEG10011-CIV-001 -
PROPOSED DRAINAGE STRATEGY
AND DRAINAGE STRATEGY REPORT REF:
AEG10011_BA14 LOWER DUNGE FARM_06 - SURFACE
WATER DRAINAGE STRATEGY

PROPOSED ATTENUATION BASIN SIZED FOR 1:100 YEAR STORM + 45% CLIMATE CHANGE

DEPTH = 1.9m (0.6m PERMANENT WATER DEPTH + 1.0m ATTENUATION + 300mm FREEBOARD)
MAINTENANCE STRIP TO TOP OF BASIN = 3m

- BASIN BASE LEVEL = 71.700
- PERMANENT WATER DEPTH = 600mm
- PERMANENT WATER LEVEL = 72.300
- BASE LEVEL FOR ATTENUATION STORAGE = 72.300
- TOP WATER LEVEL FOR ATTENUATION STORAGE = 73.300
- 300mm FREE BOARD LEVELS = 73.300 - 73.600
- 3m MAINTENANCE STRIP AROUND TOP OF BASIN SET AT 73.600.

EMBANKMENT AROUND BASIN TO TIE INTO
EXISTING GROUND LEVEL AS SHOWN

PROPOSED FLOW CONTROL CHAMBER
DISCHARGE RATE LIMITED TO 1.5 l/s (Qbar)

EXISTING
POULTRY
FARM

COVERED FYM &
CLAMPS

LIVESTOCK BUILDING
& COVERED CATTLE
HANDLING

EXISTING
YARD
UNCHANGED

REFER TO INSET

REFER TO INSET

FLOW ROUTES INDICATED ON THIS DRAWING SHOW PRE AND POST
DEVELOPMENT OVERLAND ROUTING.

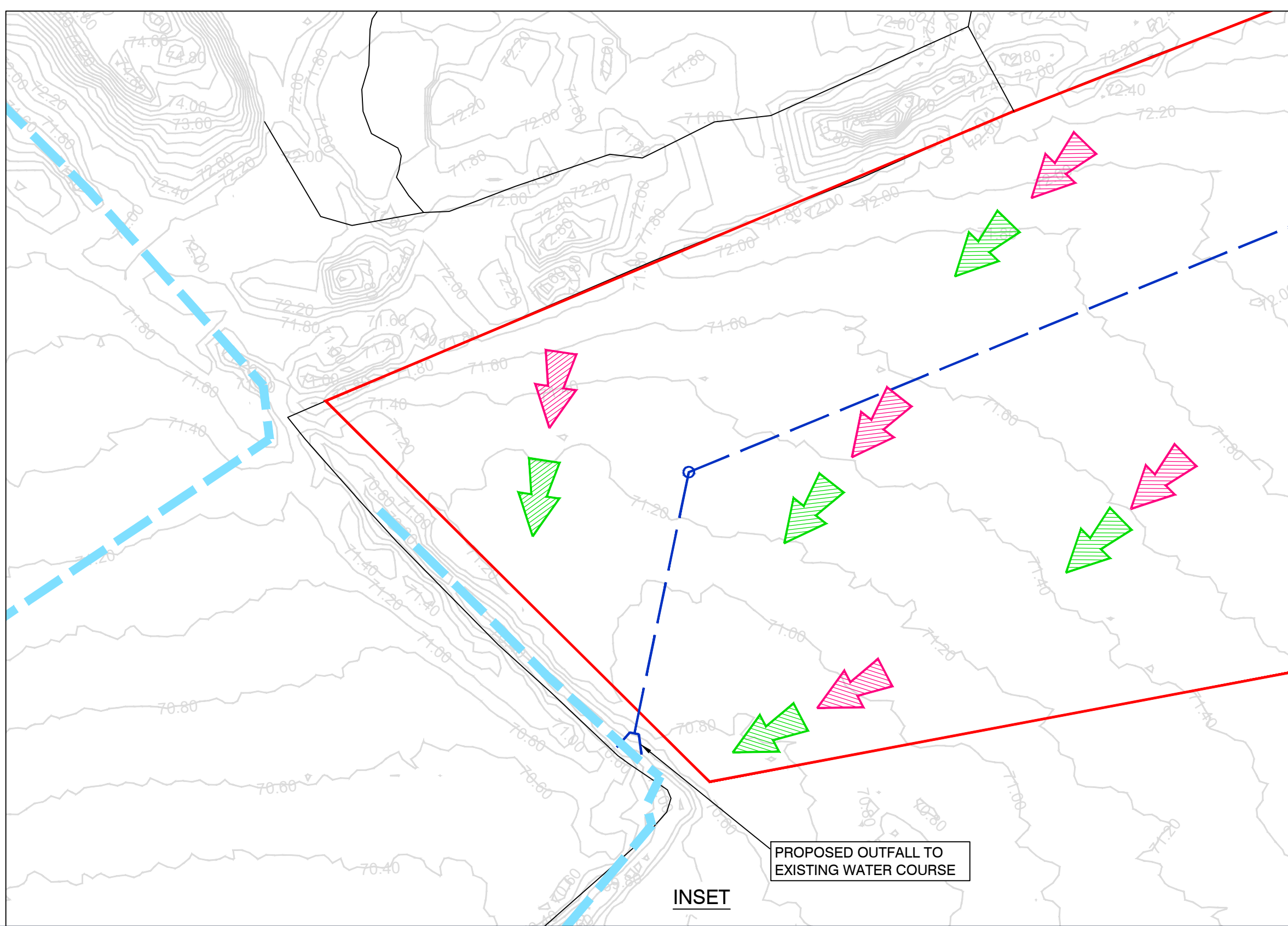
POST DEVELOPMENT ROUTING INDICATES FLOW ROUTES IN THE EVENT OF
THE DRAINAGE SYSTEM BEING OVERWHELMED BY A STORM EVENT
GREATER THAN THE DESIGN STANDARD OR AS A RESULT OF BLOCKAGE OR
FAILURE.

BOTH PRE & POST DEVELOPMENT EXCEEDANCE FLOW PATHS FOLLOW THE
TOPOGRAPHY OF THE LAND TOWARDS THE LOW POINT OF THE SITE I.E.
THE WATERCOURSE. POST DEVELOPMENT FLOWS REMAIN UNCHANGED
FROM THE PRE DEVELOPMENT SCENARIO.

POST DEVELOPMENT EXCEEDANCE FLOW ROUTES WOULD NOT INCREASE
THE RISK TO PEOPLE AND PROPERTY ON OR OFF SITE.

0m 10 20 30 40 50

SCALE 1 : 500



PROPOSED OUTFALL TO
EXISTING WATER COURSE

INSET

A01 20.03.26 FIRST ISSUE CM

Rev Date Description By

Client

WOOLLEY AND WALLIS

Project

LOWER DUNGE FARM

Title

OVERLAND FLOW ROUTES

Project No. Drawing No. Revision

AEG10011 CIV-002 A01

Drawn Checked Approved Date Scale @ A1

CM VW VW MAR 2026 1:500

Drawing Status

INFORMATION

aegaea
water, civils and environment