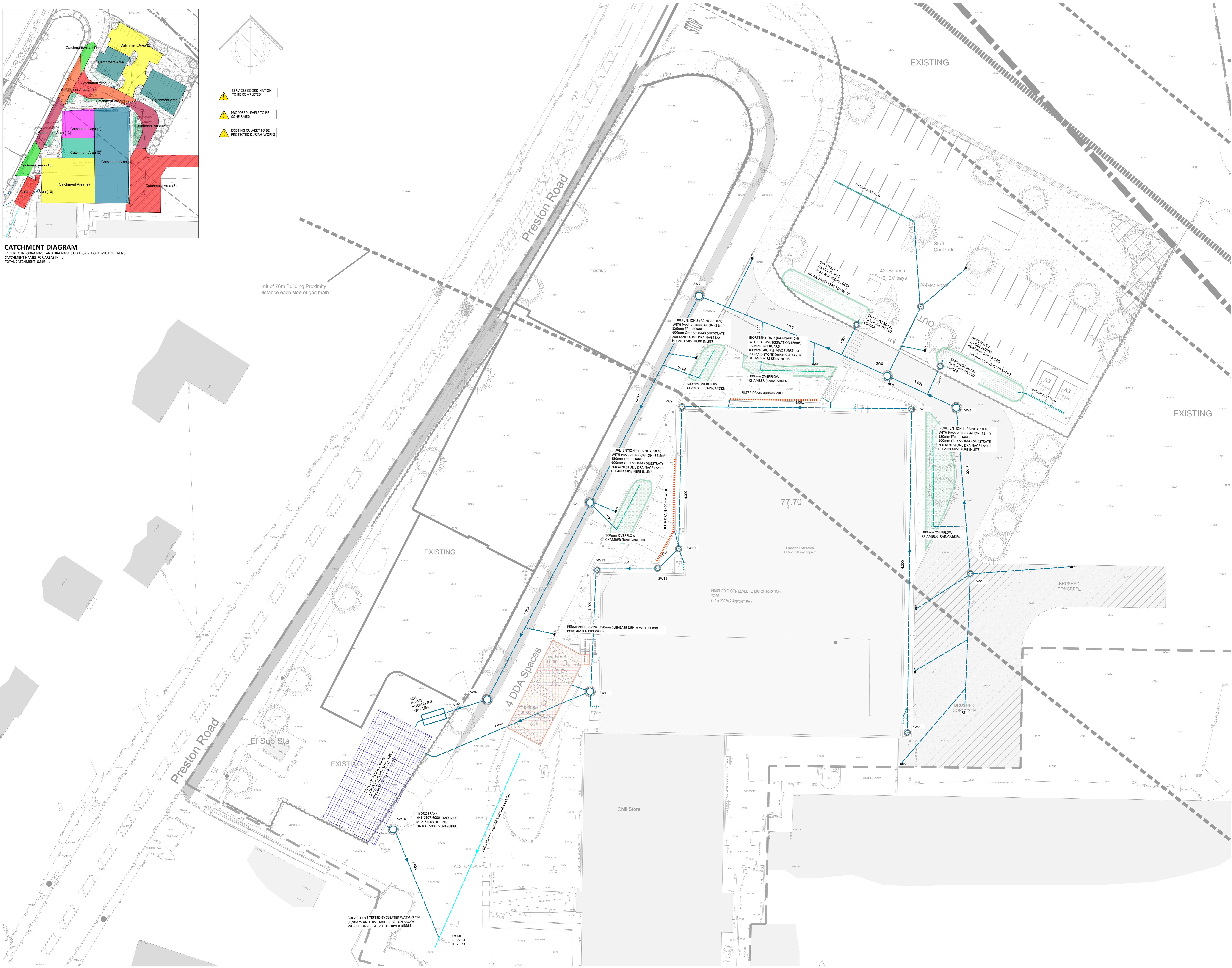


CATCHMENT DIAGRAM
 (REFER TO INFORAINAGE AND DRAINAGE STRATEGY REPORT WITH REFERENCE
 CATCHMENT NAMES FOR AREAS IN HA)
 TOTAL CATCHMENT: 0.565 ha

- SERVICES COORDINATION TO BE COMPLETED
- PROPOSED LEVELS TO BE CONFIRMED
- EXISTING COVERT TO BE PROTECTED DURING WORKS

limit of 76m Building Proximity
 Distance each side of gas main



1. DO NOT SCALE THIS DRAWING. WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETERS (MM) UNLESS NOTED OTHERWISE.
2. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective specification.
3. All work to comply with relevant British Standards, Codes of practice and the Building Regulations.
4. Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to main contractor for clarification/correction prior to construction of relevant structure.
5. All cover levels are indicative only and shall match Architects proposed levels. Invert levels to be confirmed on site prior to work commencing.
6. All areas of excavation are to be scanned and marked for existing services prior to any excavation.
7. Branch connections to PPI's have been assumed 50mm higher than the main channel.
8. All connections from RWP to be 150mm unless noted otherwise.
9. For the location of all RWP's and SWP's refer to Architects drawings.
10. Stormwater attenuation system shall be Polypropylene pre-formed modular geocellular units with minimum 84% volumetric void ratio and minimum 5% effective perforated surface area. Units shall be installed using locking ties to maintain rigidity and minimise deflection. Geocellular units to be fully encapsulated with Heavy duty geotextile protection fleece and impermeable membrane.
11. Heavy duty geotextile fleece to be non-woven needle-punched polypropylene as per Specification. Geotextile to be laid with minimum 300mm overlaps and to be applied to all external surfaces of Polypropylene Permeable drainage units. To be installed in accordance with the manufacturer's recommendations.
12. Waterproof geomembrane to be single layer cold applied robust welded flexible membrane as per Specification suitable for waterproofing to structure and for water containment. Membrane to be nominal 1mm thick laid with minimum 150mm laps and welded seams. To be installed in accordance with the manufacturer's recommendations under and approved CMA protocol that includes testing of the welds.
13. Linear drainage channel to be ACO S or MO range with sump assemblies.
14. Oil bypass separators to be Kingspan Klargester as noted on drawing.
15. All dimensions are in millimeters unless noted otherwise.
16. Pre-cast concrete products shall comply with the relevant provisions of BS 5911 and be '100 Mark'.
17. All pipes and pipe fittings shall be HDPE twinwall and have current British Board of Agreement Certification.
18. Manhole covers and frames, grids and frames shall comply with the relevant provisions of BS EN 124.
19. Do not scale from this drawing. If in doubt ask.
20. This drawing to be read in conjunction with all relevant P.E.L. Architects & Engineers drawings.
21. Should there be any conflict between the details indicated on this drawing and those on other drawings the Engineer should be informed PRIOR to construction on site.
22. At all times the works are to be executed in accordance with the requirements of the Health And Safety at Work Act 1974 and CDM Regulations 2015.
23. Until technical approval has been obtained from the relevant Authority, it should be understood that all drawings are PRELIMINARY and NOT FOR CONSTRUCTION.

LEGEND

- SURFACE WATER DRAINAGE PIPEWORK
- EXISTING CULVERT
- FILTER DRAIN
- LINEAR DRAINAGE CHANNEL
- 750mm DIA CATCHPIT INSPECTION CHAMBER (SW1)
- 1200 dia SW MANHOLE
- PERMEABLE PAVING
- POLYSTYRENE ATTENUATION TANK 1200mm DEEP
- BIORETENTION (RAINGARDEN)
- DRY SWALE

NO	REV	DATE	DESCRIPTION	BY	CHECKED	APP
03	P01	04.07.25	First Issue	JR	JR	JR

CLIENT
EDEN PLANNING

KEY PLAN



DRAWING TITLE
**SURFACE WATER DRAINAGE LAYOUT
 ALSTON DAIRY EXTENSION**

Designed by	Name	Signature	Date
JR	JR	[Signature]	01/07/2025
Drawn by	JR	[Signature]	01/07/2025
Checked	RG	[Signature]	01/07/2025
Approved	JR	[Signature]	01/07/2025

PROJECT	ISSUE	VOLUME	LEVEL	TYPE	ROLE	NUMBER	REV
PNO259	PEL	XX	XX	DR	Y	00001	P01