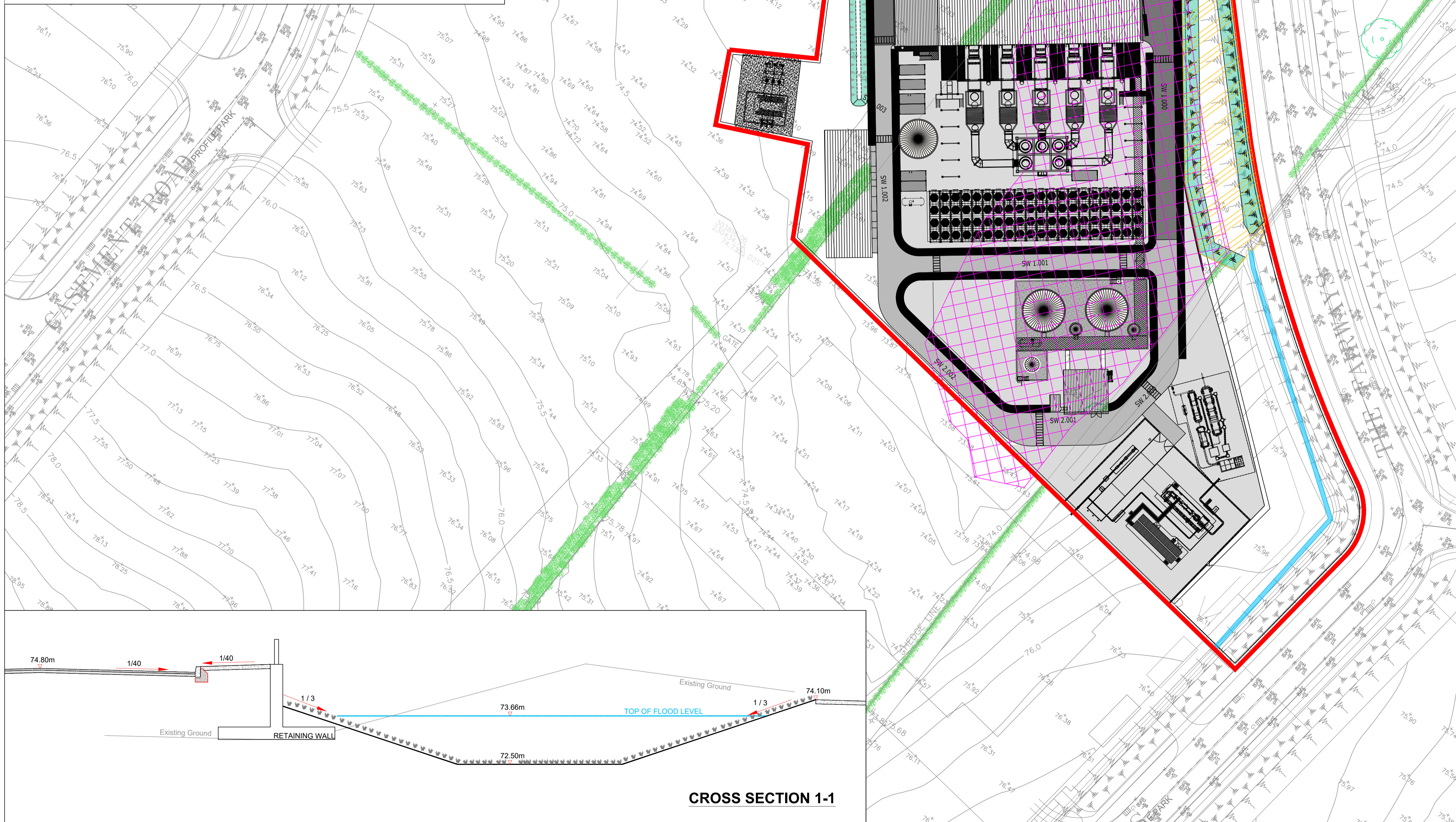


| | Tot. Area (sq.m) | Ex Avg level (m) | Flood Level (m) | Difference (m) | Sloped Area (sq.m) | Sloped Area/2 | Tot. Area - Sloped (sq.m) | cu.m |
|---|---------------------|------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------------|-------------------------------|
| Existing Flood Area | 6986 | 73.43 | 73.66 | 0.23 | 6986 | 3493 | 3493 | 803 |
| Total Flood Capacity Loss = | | | | | | | | 803 |
| | Tot. Area (sq.m) | Flat Area (sq.m) | Sloped Area (sq.m) | Flat area Level (m) | Flood Level (m) | Volume in Flat Area | Volume in Slope Area | Vol. Compensated (cu.m) |
| Proposed Drainage Ditch | 1259 | 523 | 736 | 72.50 | 73.66 | 607 | 427 | 1034 |
| Total Flood Capacity Compensated = | | | | | | | | 1034 |



LEGEND:

- SITE BOUNDARY
- EXISTING FLOOD PLAIN
- AREA OF PROPOSED FLOODING AREA

NOTES:

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.
5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD.

| Rev | Date | Description | By | Chkd. |
|-----|----------|----------------|----|-------|
| A | 02.03.21 | PLANNING ISSUE | PF | McC |

Client:

Project: **PROFILE PARK POWER PLANT**

Title: **PROPOSED FLOOD CAPACITY COMPENSATORY MEASURES**

Scale @ A1: **1:500**

Prepared by: **PF** Checked: **MMcC** Date: **March 2022**

Project Director: **BRIAN CARROLL**

Drawing Status: **PLANNING**

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Drawing No.: **11069-2011** Revision: **A**