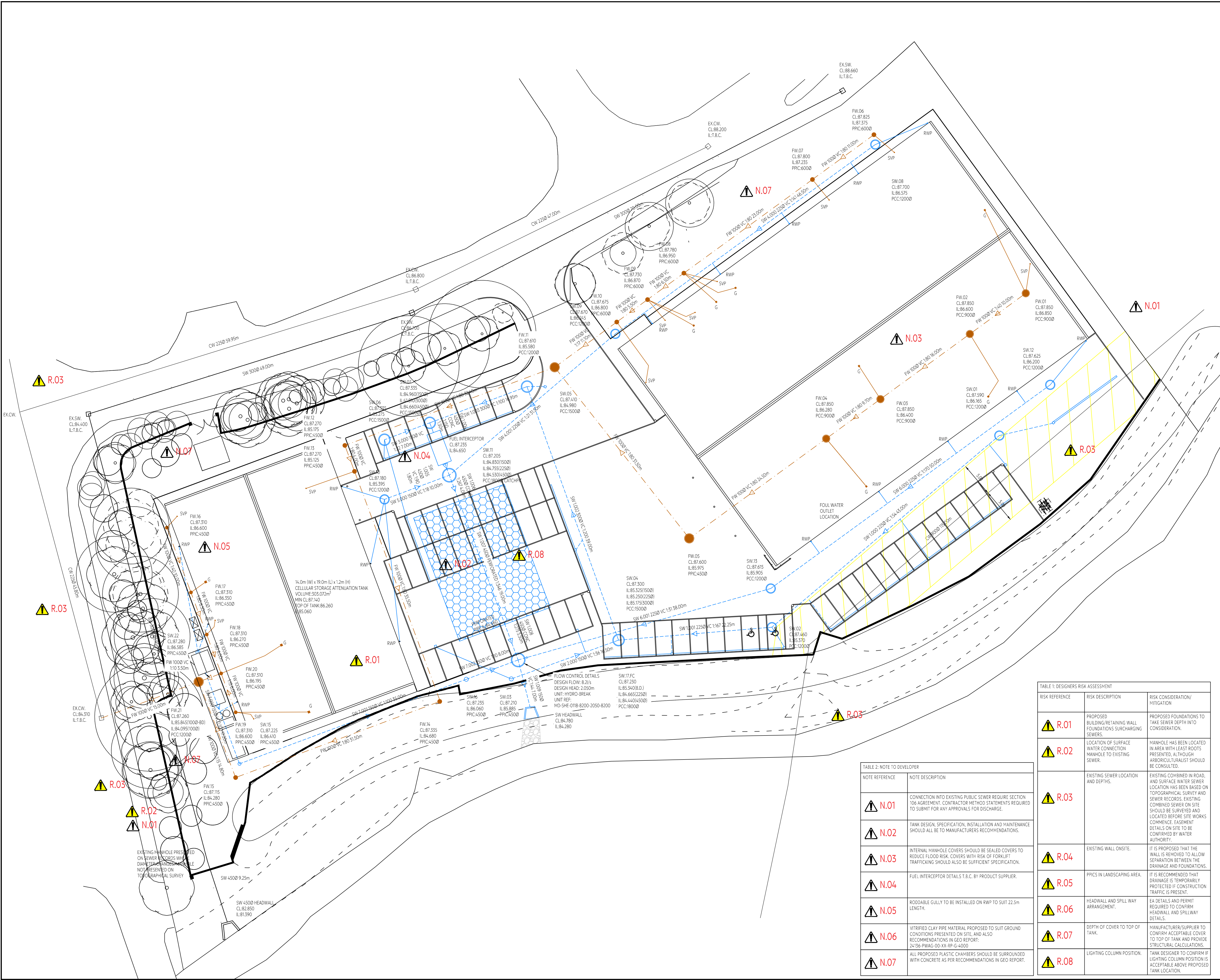




**SITE LOCATION**  
OS X (EASTINGS) 387523  
OS Y (NORTHINGS) 406097  
NAT GRID SD8752306098  
POSTCODE M24 2HD

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**KEY**

- EXISTING SURFACE WATER SEWER
- EXISTING SURFACE WATER MANHOLE
- EXISTING FOUL WATER SEWER
- EXISTING FOUL WATER MANHOLE
- EXISTING COMBINED WATER SEWER
- EXISTING COMBINED WATER MANHOLE
- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED SURFACE WATER FLOW CONTROL MANHOLE
- PROPOSED SURFACE WATER INSPECTION CHAMBER
- PROPOSED CELLULAR STORAGE
- PROPOSED CHANNEL
- PROPOSED GULLY
- PROPOSED FOUL WATER SEWER
- PROPOSED FOUL WATER MANHOLE
- PROPOSED FOUL WATER INSPECTION CHAMBER
- SITE BOUNDARY

| Rev | Date     | Remarks                                            | Drawn | Chk'd |
|-----|----------|----------------------------------------------------|-------|-------|
| PO4 | 08.03.25 | FOUL LAYOUT REVISED TO SUIT RETAINING WALL DESIGN. | JLE   | LS    |
| PO3 | 12.02.25 | REVISED TO SUIT LAYOUT ALTERATIONS.                | JLE   | LS    |
| PO2 | 02.12.24 | REVISED TO SUIT DRAINAGE ALTERATIONS.              | JLE   | LS    |
| PO1 | 25.11.24 | FIRST ISSUE.                                       | JLE   | LS    |

| Rev | Date     | Remarks                                            | Drawn | Chk'd |
|-----|----------|----------------------------------------------------|-------|-------|
| PO4 | 08.03.25 | FOUL LAYOUT REVISED TO SUIT RETAINING WALL DESIGN. | JLE   | LS    |
| PO3 | 12.02.25 | REVISED TO SUIT LAYOUT ALTERATIONS.                | JLE   | LS    |
| PO2 | 02.12.24 | REVISED TO SUIT DRAINAGE ALTERATIONS.              | JLE   | LS    |
| PO1 | 25.11.24 | FIRST ISSUE.                                       | JLE   | LS    |

| TABLE 1: DESIGNERS RISK ASSESSMENT |                                                                  |                                                                                                                                                                                                                                                                               |
|------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RISK REFERENCE                     | RISK DESCRIPTION                                                 | RISK CONSIDERATION/ MITIGATION                                                                                                                                                                                                                                                |
| <b>N.01</b>                        | PROPOSED BUILDING/RETAINING WALL FOUNDATIONS SURCHARGING SEWERS. | PROPOSED FOUNDATIONS TO TAKE SEWER DEPTH INTO CONSIDERATION.                                                                                                                                                                                                                  |
| <b>N.02</b>                        | LOCATION OF SURFACE WATER CONNECTION MANHOLE TO EXISTING SEWER.  | MANHOLE HAS BEEN LOCATED IN AREA WITH LEAST ROOTS PRESENTED, ALTHOUGH ARBORICULTURALIST SHOULD BE CONSULTED.                                                                                                                                                                  |
| <b>N.03</b>                        | EXISTING SEWER LOCATION AND DEPTHS.                              | EXISTING COMBINED IN ROAD, AND SURFACE WATER SEWER LOCATION HAS BEEN BASED ON TOPOGRAPHICAL SURVEY AND SEWER RECORDS. EXISTING COMBINED SEWER ON SITE SHOULD BE SURVEYED AND LOCATED BEFORE SITE WORKS COMMENCE. EASEMENT DETAILS ON SITE TO BE CONFIRMED BY WATER AUTHORITY. |
| <b>N.04</b>                        | EXISTING WALL ONSITE.                                            | IT IS PROPOSED THAT THE WALL IS REMOVED TO ALLOW SEPARATION BETWEEN THE DRAINAGE AND FOUNDATIONS.                                                                                                                                                                             |
| <b>N.05</b>                        | PPICS IN LANDSCAPING AREA.                                       | IT IS RECOMMENDED THAT DRAINAGE IS TEMPORARILY PROTECTED IF CONSTRUCTION TRAFFIC IS PRESENT.                                                                                                                                                                                  |
| <b>N.06</b>                        | HEADWALL AND SPILL WAY ARRANGEMENT.                              | EA DETAILS AND PERMIT REQUIRED TO CONFIRM HEADWALL AND SPILLWAY DETAILS.                                                                                                                                                                                                      |
| <b>N.07</b>                        | DEPTH OF COVER TO TOP OF TANK.                                   | MANUFACTURER/SUPPLIER TO CONFIRM ACCEPTABLE COVER TO TOP OF TANK AND PROVIDE STRUCTURAL CALCULATIONS.                                                                                                                                                                         |
| <b>N.08</b>                        | LIGHTING COLUMN POSITION.                                        | TANK DESIGNER TO CONFIRM IF LIGHTING COLUMN POSITION IS ACCEPTABLE ABOVE PROPOSED TANK LOCATION.                                                                                                                                                                              |

| TABLE 2: NOTE TO DEVELOPER |                                                                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOTE REFERENCE             | NOTE DESCRIPTION                                                                                                                                        |
| <b>N.01</b>                | CONNECTION INTO EXISTING PUBLIC SEWER REQUIRE SECTION 106 AGREEMENT. CONTRACTOR METHOD STATEMENTS REQUIRED TO SUBMIT FOR ANY APPROVALS FOR DISCHARGE.   |
| <b>N.02</b>                | TANK DESIGN, SPECIFICATION, INSTALLATION AND MAINTENANCE SHOULD ALL BE TO MANUFACTURERS RECOMMENDATIONS.                                                |
| <b>N.03</b>                | INTERNAL MANHOLE COVERS SHOULD BE SEALED COVERS TO REDUCE FLOOD RISK. COVERS WITH RISK OF FORKLIFT TRAFFICKING SHOULD ALSO BE SUFFICIENT SPECIFICATION. |
| <b>N.04</b>                | FUEL INTERCEPTOR DETAILS T.B.C. BY PRODUCT SUPPLIER.                                                                                                    |
| <b>N.05</b>                | RODDABLE GULLY TO BE INSTALLED ON RWP TO SUIT 22.5m LENGTH.                                                                                             |
| <b>N.06</b>                | VITRIFIED CLAY PIPE MATERIAL PROPOSED TO SUIT GROUND CONDITIONS PRESENTED ON SITE, AND ALSO RECOMMENDATIONS IN GEO REPORT: 24136-PWAG-00-XX-RP-G-4000   |
| <b>N.07</b>                | TANK PROPOSED PLASTIC CHAMBERS SHOULD BE SURROUNDED WITH CONCRETE AS PER RECOMMENDATIONS IN GEO REPORT.                                                 |

**PWA / GROUP**

CIVIL  
STRUCTURAL  
GEO-ENVIRONMENTAL

SUMMIT HOUSE, BIPARIAN WAY,  
THE CROSSINGS, CROSSHILLS,  
KEIGHLEY, BD20 7BW

01535 633350  
info@pwagroup.co.uk  
www.pwagroup.co.uk

Client  
**MSM AERO**

Project  
**PROPOSED INDUSTRIAL DEVELOPMENT  
HANSON CLOSE  
MIDDLETON**

Title  
**PROPOSED DRAINAGE LAYOUT**

Size  
**A1**

Scale  
**1:250**

Designed  
**JLE**

Checked  
**LS**

Date  
**NOV 24**

Drawing Status  
**PRELIMINARY**

Job Number  
**24136**

Originator  
**PWA**

Zone  
**00**

Level  
**XX**

Type  
**DR**

Role  
**C**

Drawing No.  
**1001**

Rev  
**P04**