



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS OR RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, THE FOLLOWING SIGNIFICANT RESIDUAL RISKS SHOULD BE NOTED. FURTHER DETAILS ARE INCLUDED IN THE CDM DESIGN RISK MANAGEMENT REGISTER

CONSTRUCTION :

1. ACCESS THROUGH AND ADJACENT TO AN EXISTING WTW SITE THAT WILL BE OPERATIONAL DURING WORKS.
2. EXISTING FOUL SEWER MADE OF ASBESTOS CEMENT REQUIRE LOADING PERMISSION FROM SWS TO CARRY OUT WORKS. TEMPORARY UTILITIES PROTECTION MAY BE REQUIRED.
3. WORKING WITHIN AN AREA WITH LIMITED STORAGE AND STOCKPILING SPACE WITH NEED TO ALLOW FOR APPROPRIATE TURNING AND MOVING SPACE FOR MACHINES.
4. WORKING ADJACENT TO AGRICULTURAL LANDS WITH NEED TO MANAGE DRAINAGE AND STOCKPILED MATERIAL.
5. WORKING WITH SOILS THAT MAY BECOME WATERLOGGED DURING WET WEATHER AND WILL REQUIRE APPROPRIATE WATER AND SILT MANAGEMENT.

MAINTENANCE, CLEANING AND OPERATION :

1. OPERATING WITHIN SITE THAT MAY BE OPEN TO THE PUBLIC FOR USE.
2. OPERATING SITE ADJACENT TO AGRICULTURAL LAND WITH NEED TO MANAGE BOUNDARIES AND ACCESS APPROPRIATELY.

DECOMMISSIONING OR DEMOLITION :

AS FOR CONSTRUCTION.

HAZARD / RISKS

HEALTH AND SAFETY RISK

- 1 - FOUL SEWER UNDERSTOOD TO BE MADE OF ASBESTOS CEMENT
- 2 - BURIED SERVICES TO BE RETAINED
- 3 - OVERHEAD ELECTRICITY WIRES AND OVERHEAD BRITISH TELECOM WIRES

ENVIRONMENTAL RISK

- 1 - ROOT PROTECTION ZONE
- 2 - EXISTING DITCH
- 3 - FIELD DRAINS
- 4 - FLOOD RISK ZONE

NOTES

1. DRAW-DOWN FROM FMA OVER 11 HOURS REFER TO FLOOD RISK ASSESSMENT.
2. ALL DIMENSIONS AND ALL LEVELS IN METRES UNLESS NOTED OTHERWISE.
3. DRAWING TO BE READ IN CONJUNCTION WITH ASSOCIATED DESIGN DOCUMENTS.

LEGEND

- OWNERSHIP BOUNDARY
- ELEVATION CONTOURS (0.5m INTERVALS)
- EXISTING OVERHEAD ELECTRICITY WIRES
- EXISTING ELECTRIC - LOW VOLTAGE
- EXISTING ELECTRIC - HIGH VOLTAGE
- EXISTING OVERHEAD BRITISH TELECOM WIRES
- EXISTING FOUL SEWER
- EXISTING FINAL EFFLUENT SEWER
- EXISTING RECYCLED EFFLUENT SEWER
- EXISTING SURFACE WATER SEWER
- EXISTING STORMWATER OVERFLOW SEWER
- EXISTING WATER MAIN
- EXISTING FENCE
- EXISTING TREE / HEDGE
- ROOT PROTECTION ZONE
- FLOOD EXTENT: 100-YEAR FLOOD AND CLIMATE CHANGE
- FLOOD EXTENT: 100-YEAR FLOOD
- FLOOD EXTENT: 30-YEAR FLOOD
- RIISING MAIN (TBC BY GTB)
- PIPEWORK
- STOCKPROOF FENCE
- 1:2 CUT/FILL SLOPE TO EXISTING GROUND
- ACCESS ROAD (MOT TYPE 3)
- 1:2 CUT SLOPE
- TREATMENT CELL (VEGETATED)
- 1m WIDE SLOPED ACCESS RAMP
- ROCK MATTRESS
- SLOPE TO EXISTING GROUND
- FLOOD MITIGATION BASE AREA
- PERMANENT SHARED ACCESS
- TEMPORARY SHARED ACCESS
- TEMPORARY SEVERED AREA
- PROPOSED LEVELS
- EXISTING LEVELS
- PROPOSED MANHOLE
- NATIVE TREES
- NATIVE HEDGE / SHRUB

TREATMENT CELL AREAS:

- CELL 1 = 487m²
- CELL 2 = 5,399m²
- CELL 3 = 4,418m²
- CELL 4 = 2,585m²

TOTAL CELL AREA = 12,889m² = 1.289 ha
FLOOD MITIGATION VOLUME = 3480m³

CURRENT VERSION INFORMATION

Initial Status or WIP
XXXXXX.

DATE	ORIG	CHKD	REVD	APPR	REV	STS	REASON FOR ISSUE
08/05/24	JF	AC	AC	AC	C05	A5	SUITABLE FOR CONSTRUCTION
26/04/24	JF	AC	AC	AC	C04	A5	SUITABLE FOR CONSTRUCTION
25/04/24	JF	AC	AC	AC	C03	A5	SUITABLE FOR CONSTRUCTION
24/04/24	JF	AC	AC	AC	C02	A5	SUITABLE FOR CONSTRUCTION
29/01/24	JF	AC	AC	AC	C01	A5	SUITABLE FOR CONSTRUCTION
24/11/23	JF	AC	AC	AC	P02	S3	REVIEW AND COMMENT
19/10/23	JF	AC	AC	AC	P01	S3	REVIEW AND COMMENT

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VESI ENVIRONMENTAL
SOLUTIONS BY NATURE
Integrating our water back into nature.

PROJECT TITLE
STAPLEFIELD WTW

DRAWING TITLE
PROPOSED SITE LAYOUT

SITE UNIT MNEMONIC STPFIELD	SITE UNIT NO. 101464	MASTER SIZE A1
PRN 752214	SCALE 1:500	STATUS A5
S.W. DRAWING NO. 752214-UAX-ZZ-ZZ-DR-EN-00003	REVISION C05	