



1. ALL DIMENSIONS AND ALL LEVELS IN METRES UNLESS NOTED OTHERWISE.
2. DRAWING TO BE READ IN CONJUNCTION WITH ASSOCIATED DESIGN DOCUMENTS AND DRAWINGS, FLOOD RISK ASSESSMENT DOCUMENT PREPARED BY MOTT MACDONALD AND STAPLEFIELD TECHNICAL NOTE - GREENFIELD RUNOFF RATES PREPARED BY GTB.
3. FOR ALL FLOOD MITIGATION AREA PIPEWORK DETAILS PLEASE REFER TO GTB DRAWINGS.
4. INNER EMBANKMENT SLOPES AND PERMEABLE ACCESS ROAD WILL DRAIN TO ICW TREATMENT CELLS. PLEASE REFER TO LEGEND BELOW FOR THE HIGHLIGHTED AREAS.
5. DRAW-DOWN FROM FMA OVER 11 HOURS REFER TO FLOOD RISK ASSESSMENT.

LEGEND

- OWNERSHIP BOUNDARY
- PROPOSED ELEVATION CONTOURS (0.5m INTERVALS)
- EXISTING DRAIN
- EXISTING CULVERT
- RISING MAIN (TBC BY GTB)
- PIPEWORK
- 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
- PROPOSED LEVELS
- EXISTING LEVELS
- PROPOSED MANHOLE
- TREATMENT CELL AREA (12,889m²)
- FLOOD MITIGATION BASE AREA (930m²)
- GRASSED AREA (4,928m²)
- GRASSED AREA (5,477m²)
- GRASSED AREA (2,703m²)
- PAVED AREA (MOT TYPE 3) - FLOWS INTO ICW TREATMENT CELLS (2,555m²)
- PAVED AREA (MOT TYPE 3) - FLOWS TO SURROUND GRASSED AREAS (1,748m²)

TREATMENT CELL AREAS:
 CELL 1 = 487m²
 CELL 2 = 5,399m²
 CELL 3 = 4,419m²
 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
04/06/24	JF	AC	AC	AC	C05	A5	SUITABLE FOR CONSTRUCTION
08/05/24	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	P01	S3	REVIEW AND COMMENT



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PROJECT TITLE
 STAPLEFIELD WTW

DRAWING TITLE
 SURFACE WATER MANAGEMENT

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-00013	REVISION C05	

