



**NOTES**

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
- 502.50 PROPOSED LEVELS
- 51.55 EXISTING LEVELS
- MH PROPOSED MANHOLE
- TREATMENT CELL AREA (12,889m<sup>2</sup>)
- FLOOD MITIGATION BASE AREA (930m<sup>2</sup>)
- GRASSED AREA (4,928m<sup>2</sup>)
- GRASSED AREA (5,477m<sup>2</sup>)
- GRASSED AREA (2,703m<sup>2</sup>)
- PAVED AREA (MOT TYPE 3) - FLOWS INTO ICW TREATMENT CELLS (2,555m<sup>2</sup>)
- PAVED AREA (MOT TYPE 3) - FLOWS TO SURROUND GRASSED AREAS (1,748m<sup>2</sup>)

TREATMENT CELL AREAS:	
CELL 1 =	487m <sup>2</sup>
CELL 2 =	5,399m <sup>2</sup>
CELL 3 =	4,418m <sup>2</sup>
CELL 4 =	2,585m <sup>2</sup>
<b>TOTAL CELL AREA =</b>	<b>12,889m<sup>2</sup> = 1.289 ha</b>
<b>FLOOD MITIGATION VOLUME =</b>	<b>3480m<sup>3</sup></b>

**CURRENT VERSION INFORMATION**

DATE	ORIG	CHKD	REVD	APPR	REV	STS	REASON FOR ISSUE
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
29/10/24	JF	AC	AC	AC	C01	A5	SUITABLE FOR CONSTRUCTION
24/11/23	JF	AC	AC	AC	P01	S3	REVIEW AND COMMENT

DATE	ORIG	CHKD	REVD	APPR	REV	STS	REASON FOR ISSUE

Southern House  
Yeoman Road  
Worthing  
West Sussex  
BN13 3NX  
telephone (01903) 264444  
fax (01903) 691435

JOINT VENTURE  
Galliford Try Infrastructure Limited  
and Bimnies UK Limited  
Joint Venture,  
Lewes Road, Falmer,  
Brighton, East Sussex,  
BN1 9PY

ENVIRONMENTAL  
SOLUTIONS BY NATURE

PROJECT TITLE: **STAPLEFIELD WTW**

DRAWING TITLE: **SURFACE WATER MANAGEMENT**

SITE UNIT MEMORIC: <b>STPFIELD</b>	SITE UNIT NO.: <b>101464</b>	MASTER SIZE: <b>A1</b>
PRN: <b>752214</b>	SCALE: <b>1:500</b>	STATUS: <b>A5</b>
S.W. DRAWING NO.: <b>752214-UAX-ZZ-ZZ-DR-EN-00013</b>	REVISION: <b>C04</b>	

