

This drawing should not be scaled. Dimensions to be verified on site. Any discrepancies should be referred to the Engineer prior to work being put in hand.

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GENERAL NOTES

- OS DATA, TOPOGRAPHICAL SURVEY AND LEAS DATA PROVIDED BY GLENN HOWELLS ARCHITECTS ON 3RD OCTOBER 2013
- ADDITIONAL DRAINAGE SURVEY INFORMATION PROVIDED BY MK SURVEYS ON 5TH DECEMBER 2014
- LAND TRANSFER AREA 2 BOUNDARY BASED ON GLENN HOWELLS ARCHITECTS DRAWING NO. 1982-A-L-554 REV L
- UPGRADES REQUIRED TO THE ONSITE & OFFSITE PUBLIC SEWERS, RISING MAINS AND SEWAGE TREATMENT WORKS TO BE CONFIRMED BY THAMES WATER

KEY:

LAND TRANSFER AREA 2 BOUNDARY

- CATCHMENT 1A
- CATCHMENT 1B
- CATCHMENT 1C
- CATCHMENT 2A
- CATCHMENT 2B
- ATTENUATION POND

OUTFALL

- FW1 - TRIBUTARY OF THE LANGFORD BROOK
- FW2 - TRIBUTARY OF THE LANGFORD BROOK
- FW3 - TRIBUTARY OF THE RIVER RAY
- FW4 - TRIBUTARY OF THE RIVER RAY

OUTFALL TO FOUL SEWERS

- SW1 - TRIBUTARY OF THE LANGFORD BROOK
- SW2 - TRIBUTARY OF THE LANGFORD BROOK
- SW3 - TRIBUTARY OF THE RIVER RAY
- SW4 - TRIBUTARY OF THE RIVER RAY

EXISTING DITCH

PROPOSED DITCH

SMAILES

- STEEP SMAILES (REQUIRING CHECK DAMS)
- EXISTING PUBLIC FOUL SEWER
- EXISTING PUBLIC RISING MAIN
- PROPOSED FW PUMPING STATION
- PROPOSED FW RISING MAIN
- EXISTING FW PUMPING STATION
- PROPOSED SW PUMPING STATION
- PROPOSED SW RISING MAIN

Rev	Date	Description	By
A04	30.01.15	UPDATED FOR MASTERPLAN 7 & UPDATED SURVEY INFO	DCN
A03	20.05.14	LAND TRANSFER AREA UPDATED	DCN
A02	18.11.13	UPDATED TO ACCOMMODATE LATEST LAND TRANSFER AREAS AND DEVELOPMENT LAYOUT	DCN
A01	05.11.13	ISSUED	DCN

Project: **GRAVEN HILL**

Title: **LAND TRANSFER AREA 2 OUTLINE DRAINAGE STRATEGY**

Client: **CHERWELL DISTRICT COUNCIL**

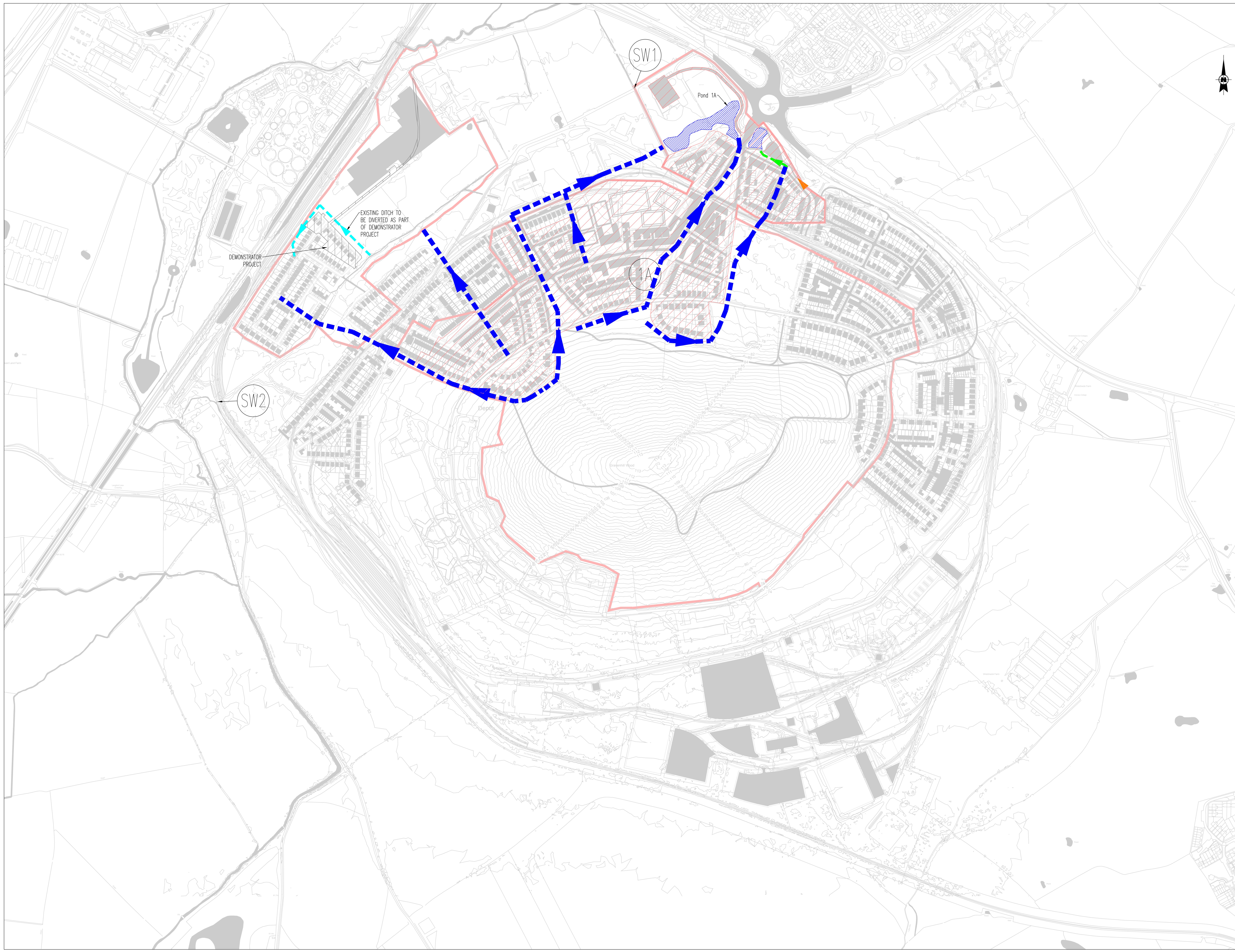
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PRELIMINARY

Designed by: PJ Checked by: DGN
 Drawn by: PJ Date: NOV 2013
 Scale: @ A0
 Author: NTS
 Number: 203
 Zone: SA
 Category: 92
 Revision: A04

Notes:

1. Allowable discharge rate of 11l/s/ha agreed with the Environment Agency & Oxfordshire County Council
2. Proposed development & areas based on Glen Howells Architects Masterplan 7 (Dwg No: 1982 A-L-554 Rev L)
3. In accordance with the Technical Guidance to the National Planning Policy Framework for residential development (with a lifespan of 100 years) an allowance of 30% should be made for climate change
4. Attenuation volumes have been calculated using WinDes 'Quick Storage Estimate'. Volumes to be refined at the detailed design stage



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GENERAL NOTES

1. OS DATA, TOPOGRAPHICAL SURVEY AND LEGAL DATA PROVIDED BY GLENN HOWELLS ARCHITECTS ON 3RD OCTOBER 2013
 2. ADDITIONAL DRAINAGE SURVEY INFORMATION PROVIDED BY MK SURVEYS ON 16TH DECEMBER 2014.
 3. LAND TRANSFER AREA 1 BOUNDARY BASED ON GLENN HOWELLS ARCHITECTS DRAWING NO. 1982-A-L-554 REV L
 4. DEVELOPMENT TO BE CONSTRUCTED IN LAND TRANSFER AREA 1 BASED ON GLENN HOWELLS ARCHITECTS DRAWING NO. 1982-A-L-551 REV X

KEY:

LAND TRANSFER AREA 1 BOUNDARY —

CATCHMENT 1A ▨

DEMONSTRATOR PROJECT ▨

ATTENUATION POND ▨

OUTFALL
 SW1 - TRIBUTARY OF THE LANGFORD BROOK ⊕
 SW2 - TRIBUTARY OF THE LANGFORD BROOK ⊕

OVERLAND FLOOD FLOW ROUTE —

EXISTING DITCH —

SINULES —

Rev	Date	Description	By
A01	04.02.14	ISSUED	MN
Amendments			
Project			
GRAVEN HILL			
Title			
LAND TRANSFER AREA 1 INDICATIVE OVERLAND FLOOD FLOW ROUTES DURING EXTREME STORM EVENTS			
Client			
CHERWELL DISTRICT COUNCIL			
<small>Chiv House - 156 Great Charles Street Birmingham B3 3HN 0121 212 7700 0121 212 7701 info@waterman-group.co.uk www.waterman-group.com</small>			
Drawing Status			
PRELIMINARY			
Designed by	PJ	Checked by	MN
Drawn by	PJ	Date	FEB 15
Scale 1:10	NTS	Contract Ref:	CH1515242_211 PHASE 1 FLOOD FLOW ROUTES
Author	Zone	Category	Number
C	SA	92	211
			A01