BARTONS ROAD

B2148 HORNDEAN ROAD

EASTLEIGH ROAD

LODGE HOUSE

COACH HOUSE

STABLES

SOUTHLEIGH PARK HOUSE

COURTYARD

LAWN

ROAD 1

ROAD 2

ROAD 3

ROAD 4

PERMAVOID SUB BASE DIFFUSERS TO COLLECT SUB BASE RUN OFF

PERMEABLE BLOCK PAVING

PROPOSED FOUL WATER CONNECTION TO EXISTING DRAINAGE SYSTEM

FOUL AND STORM SEWERS THRUST BORED UNDER TREES

GEOCELLULAR TANK TANK DIMENSIONS: 28m x 26m x 1.2m DEEP MAX STORAGE 874m3

FOUL RISING MAIN THRUST BORED UNDER TREES

PROPOSED FOUL PACKAGE PUMP STATION

HYDROBRAKE CONTROL CHAMBER TO UTILISE FULL STORAGE DEPTH OF ATTENUATION TANK

EXISTING SOUTHERN WATER 150mm DIAMETER FOUL SEWER AND MANHOLE (REF MH7801) INVERT LEVEL 30.56m AOD

EXISTING SPILLWAY OUTFALL STRUCTURE AND PIPE TO BE REMOVED AND EMBANKMENT REINSTATED

HYDROBRAKE CONTROL CHAMBER TO RESTRICT DISCHARGE RATES TO 11.0l/s FOR ALL STORM EVENTS UP TO AND INCLUDING THE 1:100 yr EVENT PLUS 40% CLIMATE CHANGE AND 10% INCREASE IN DRAINED AREA

PROPOSED OUTFALL TO EXISTING CULVERTED DRAINAGE DITCH

KEY

- SITE BOUNDARY
- PROPOSED SURFACE WATER SEWER AND MANHOLE
- EXISTING FOUL WATER SEWER AND MANHOLE
- PROPOSED FOUL WATER SEWER AND MANHOLE
- PROPOSED FOUL WATER RISING MAIN
- TRENCHLESS CONSTRUCTION WITHIN ROOT ZONE (THRUST BORE)
- PROPOSED PERMEABLE PAVING PERMAVOID DIFFUSER
- PROPOSED FLOW CONTROL
- PROPOSED PERMEABLE PAVING
- PROPOSED GEOCELLULAR STORAGE TANK
- EXISTING POND
- PROPOSED HEADWALL
- ROOT PROTECTION ZONE (RPZ) FOR EXISTING TREES

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Title: Drainage strategy layout

MJA CONSULTING
CIVIL & STRUCTURAL ENGINEERS
Ipsum Court, 24 The Quadrant,
Abingdon Science Park, Abingdon
Oxon, OX14 3YS
Tel: 01235 555173
Email: mail@mjaconsulting.co.uk

Scale:	Status:
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