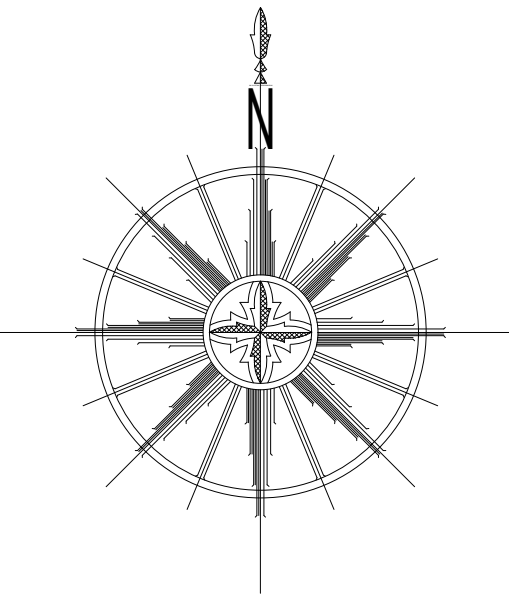




- NOTES
- FOR ENGINEERING FEASIBILITY PURPOSES ONLY. NOT FOR CONSTRUCTION OR DETAILED DESIGN.
 - DIMENSIONS INDICATIVE. LEVELS IN METRES (M) DIMENSIONS IN MILLIMETRES (MM).
 - DO NOT SCALE FROM THIS DRAWING - USE FIGURED DIMENSIONS ONLY.
 - GROUND CONDITIONS, EXISTING SERVICES, AND UTILITIES TO BE VERIFIED ON SITE.
 - DESIGN BASED ON AVAILABLE SURVEY AND DESK STUDY INFORMATION. SUBJECT TO DETAILED DESIGN.
 - ALL WORKS TO COMPLY WITH RELEVANT HIGHWAY, WATER, AND ENVIRONMENTAL STANDARDS.
 - GROUND CONDITIONS, EXISTING SERVICES, AND UTILITIES TO BE VERIFIED ON SITE PRIOR TO DETAILED DESIGN.
 - DRAWING TO BE READ IN CONJUNCTION WITH FLOOD RISK ASSESSMENT H42-BWB-ZZ-XX-RP-YE-0002, FRA, S2_P04.
 - DRAWING TO BE READ IN CONJUNCTION WITH SITE INVESTIGATION ASL REPORT NO. 092-24-087-10, NOVEMBER 2024.
 - DRAWING TO BE READ IN CONJUNCTION WITH UTILITIES ASSESSMENT REPORT H42-BWB-ZZ-XX-RP-PMA-001, JAN. JULY 2024.
 - FOUL OUTFALL SUBJECT TO S106 APPROVAL AND CAPACITY CHECKS AS OUTLINED IN STV DEVELOPER ENQUIRY 1088230, JULY 2023.

KEY:

- SITE BOUNDARY
- ADAPTABLE SECTION 104 STORM SEWER AND MANHOLE
- ADAPTABLE SECTION 104 Foul Sewer and Manhole
- ADAPTABLE SECTION 104 Foul Rising Main
- ADAPTABLE SECTION 104 HEADWALL
- ADAPTABLE SECTION 104 Foul Storm Sewer and Manhole
- PROPOSED PLOT AND GARAGE FINISHED FLOOR LEVELS
- INDICATIVE BOX CULVERT
- DRAINAGE EASEMENT
- RAIN 1 CATCHMENT
- RAIN 2 CATCHMENT
- RAIN 3 CATCHMENT
- RAIN 4 CATCHMENT

Table 2.3: Subsoil Profile

Subsoil profile data was obtained at F133, F134, F135, F136, F137, F138, F139, F140, F141, F142, F143, F144, F145, F146, F147, F148, F149, F150, F151, F152, F153, F154, F155, F156, F157, F158, F159, F160, F161, F162, F163, F164, F165, F166, F167, F168, F169, F170, F171, F172, F173, F174, F175, F176, F177, F178, F179, F180, F181, F182, F183, F184, F185, F186, F187, F188, F189, F190, F191, F192, F193, F194, F195, F196, F197, F198, F199, F200, F201, F202, F203, F204, F205, F206, F207, F208, F209, F210, F211, F212, F213, F214, F215, F216, F217, F218, F219, F220, F221, F222, F223, F224, F225, F226, F227, F228, F229, F230, F231, F232, F233, F234, F235, F236, F237, F238, F239, F240, F241, F242, F243, F244, F245, F246, F247, F248, F249, F250, F251, F252, F253, F254, F255, F256, F257, F258, F259, F260, F261, F262, F263, F264, F265, F266, F267, F268, F269, F270, F271, F272, F273, F274, F275, F276, F277, F278, F279, F280, F281, F282, F283, F284, F285, F286, F287, F288, F289, F290, F291, F292, F293, F294, F295, F296, F297, F298, F299, F300, F301, F302, F303, F304, F305, F306, F307, F308, F309, F310, F311, F312, F313, F314, F315, F316, F317, F318, F319, F320, F321, F322, F323, F324, F325, F326, F327, F328, F329, F330, F331, F332, F333, F334, F335, F336, F337, F338, F339, F340, F341, F342, F343, F344, F345, F346, F347, F348, F349, F350, F351, F352, F353, F354, F355, F356, F357, F358, F359, F360, F361, F362, F363, F364, F365, F366, F367, F368, F369, F370, F371, F372, F373, F374, F375, F376, F377, F378, F379, F380, F381, F382, F383, F384, F385, F386, F387, F388, F389, F390, F391, F392, F393, F394, F395, F396, F397, F398, F399, F400, F401, F402, F403, F404, F405, F406, F407, F408, F409, F410, F411, F412, F413, F414, F415, F416, F417, F418, F419, F420, F421, F422, F423, F424, F425, F426, F427, F428, F429, F430, F431, F432, F433, F434, F435, F436, F437, F438, F439, F440, F441, F442, F443, F444, F445, F446, F447, F448, F449, F450, F451, F452, F453, F454, F455, F456, F457, F458, 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F957, F958, F959, F960, F961, F962, F963, F964, F965, F966, F967, F968, F969, F970, F971, F972, F973, F974, F975, F976, F977, F978, F979, F980, F981, F982, F983, F984, F985, F986, F987, F988, F989, F990, F991, F992, F993, F994, F995, F996, F997, F998, F999, F1000.

Basin 1
Gross Ha - 1.400
QBAR - 4.4 l/s/ha
Q = 5 l/s
Bank Slope 1:3
225mm Permanent water
Bed Level - 106.50 (337m²)
Crest Level - 107.70 (687m²)
Twl 100yr+cc 107.553
Freeboard to lowest Plot FFL 1.647m

Insufficient room for drainage routing depending on undertaker

Road level elevated to provide adequate clearance between road formation and box culvert (600mm freeboard required to 100yr+cc 22% CC levels)

Basin 2
Gross Ha - 2.357
QBAR - 4.4 l/s/ha
Q = 10 l/s
Bank Slope 1:3
Bed Level - 106.90 (658m²)
Crest Level - 108.575 (1208m²)
Top of bank - 108.45
Twl 100yr+cc 108.244
Freeboard to lowest Plot FFL 1.456m

Basin 3
Gross Ha - 1.673
QBAR - 4.4 l/s/ha
Q = 7 l/s
Bank Slope 1:3
Bed Level - 107.10 (685m²)
Crest Level - 108.575 (1163m²)
Top of bank - 108.600
Twl 100yr+cc 108.573
Freeboard to lowest Plot FFL 1.127m

Basin 4
Gross Ha - 7.237
QBAR - 4.4 l/s/ha
Q = 29 l/s
Bank Slope 1:3
Bed Level - 108.00 (2528m²)
Crest Level - 109.40 (3371m²)
Top of bank - 109.45
Twl 100yr+cc 109.224
Freeboard to lowest Plot FFL 1.375m

Foul outfall subject to verification of existing invert and downstream capacity check

WARNING TO PURCHASERS. Property Misdescriptions Act 1991

Rev	Description	Initial	Date	Rev	Description	Initial	Date
A	Updated with latest planning layout (Phase 2 Composite Rev B) received 24.10.25	EN	30.10.25	D	Updated with latest planning layout (Phase 2 Composite Rev G) received 24.02.26, 1:15	JW	10.03.26
B	Drainage slabs added to serve third party land.	EN	03.11.25	E	Updated to latest Arch Layout Rev J	JW	30.04.26
C	Updated to planning comments and latest planning layout (Phase 2 Composite Rev E)	JW	05.02.26	F	Updated to latest Arch Layout Rev M	JW	29.07.26

ENGINEERING LAYOUT

HINCKLEY, PHASE 2

Dwg No: H0997-P100-01 Rev F
Scale: 1:500 Date: 22.10.25
Drawn by: EN Checked by: EN

NORTH MIDLANDS
Design & Technical Department
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NOTTINGHAM NG2 6PY