DESIGN PENDING APPROVAL UNDER S104/S38

FOR CONTINUATION SEE DRAWING 10413-SEG3-360

FOR CONTINUATION SEE DRAWING 10413-SEG3-358

LEGEND

🟥	S38 BOUNDARY
○	– EXISTING MANHOLE
□	– EXISTING GULLY
– – –	– EXISTING SURFACE WATER SEWER
▬	– DENOTES EXISTING DRAINAGE DITCH
▪▪▪	– DENOTES EXISTING DRAINAGE DITCH TO BE REMOVED
▪▪▪	– DENOTES PROPOSED LAND DRAIN/DITCH
○	– DENOTES PROPOSED HIGHWAY SURFACE WATER
150ø @ 1:225	– DENOTES BELOW GROUND HIGHWAY WATER DRAINAGE
S1 ○	– DENOTES PROPOSED SURFACE WATER MANHOLE
150ø @ 1:225	– DENOTES BELOW GROUND SURFACE WATER DRAINAGE
○	– DENOTES EXISTING SURFACE WATER MANHOLE
G □	DENOTES EXISTING GULLY CONNECTED TO SURFACE WATER SYSTEM
G □	– DENOTES PROPOSED GULLY CONNECTED TO SURFACE WATER SYSTEM AS PER HCC11/D/015
–·–●–·	DENOTES PROPOSED FOUL WATER DRAINAGE DESIGNED BY OTHERS
▬ ▬	DENOTES PROPOSED RISING MAIN DESIGNED BY OTHERS
	– DENOTES PROPOSED ATTENUATION BASIN TO BE DESIGNED BY OTHERS. LOCATION TBC
	DENOTES ROAD SWALE

NOTES

1 THIS DRAWING IS COPYRIGHT.

2 THE CONTRACTOR AND HIS SUBCONTRACTOR ARE TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.

3 DO NOT SCALE THIS DRAWING. THE CONTRACTOR IS TO BRING TO THE NOTICE OF THE ENGINEER ANY DISCREPANCIES CONTAINED IN THIS DRAWING PRIOR TO WORK COMMENCEMENT.

4 ALL 150mm AND 225mm DIAMETER PIPES TO BE EXTRA STRENGTH VITRIFIED CLAY PIPES (SEE NOTE 15).

5 ALL PIPES OF 300mm DIAMETER OR GREATER TO BE CLASS M CONCRETE.

6 ALL PIPE MATERIALS TO BE CONSISTENT BETWEEN MANHOLES.

7 ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH DESIGN AND CONSTRUCTION GUIDANCE(DCG)/SEWER FOR ADOPTION 7TH, HAMPSHIRE COUNTY COUNCIL STANDARDS (FOR HIGHWAY DRAINAGE ONLY) AND THE SPECIFICATION FOR HIGHWAY WORKS 1998 AND ALL SUBSEQUENT AMENDMENTS. WHERE THERE IS CONFLICT BETWEEN THESE DOCUMENTS THE MATTER SHALL BE REFERRED TO THE ENGINEER.

8 FOR CONSTRUCTION DETAILS OF MANHOLES AND SEWERS REFER TO DESIGN AND CONSTRUCTION GUIDANCE/SEWERS FOR ADOPTION 7TH, HCC STANDARD DETAILS(FOR SEWERS ADOPTED BY HCC HIGHWAYS) AND UNDERTAKERS STANDARD DETAILS WHICH CAN BE OBTAINED FROM THE LOCAL OFFICE FOR SEWERS ADOPTED BY SOUTHERN WATER

9 INVERT LEVELS OF EXISTING SEWERS TO BE CONFIRMED ON SITE BEFORE ANY SEWER WORK UNDERTAKEN. ANY DISCREPANCIES FOUND SHOULD BE NOTIFIED TO ENGINEERS.

10 WHERE SEWERS HAVE LESS THAN 1.2m OF COVER UNDER ROADS AND 0.9m COVER ELSEWHERE PIPES ARE TO HAVE A 150mm CONCRETE BED AND SURROUND.

11 PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL, TO TABLE 11 OF APPROVED DOCUMENT H1 OF THE BUILDING REGULATIONS 2010.

12 ALL BELOW GROUND DRAINAGE TO BE 150mmø UNLESS OTHERWISE INDICATED WITH A MIN. GRADIENT AS FOLLOWS:-

S.W : 150mm Dia. 1:150

13 ALL ADOPTABLE DRAINAGE MATERIALS SHOULD COMPLY WITH THE REQUIREMENTS OF PART E CIVIL ENGINEERING SPECIFICATION INCLUDED WITH CGD/SEWERS FOR ADOPTION 7TH EDITION WHICH IS DRAWN FROM CESWI 7TH EDITION BUT IS NOT A FULL REPRODUCTION AND OR HAMPSHIRE COUNTY COUNCIL REQUIREMENTS.

14 JETTING OF NEW DRAINAGE RUNS MUST BE CARRIED OUT AT END OF CONTRACT, IN ORDER TO ENSURE ALL NEW PIPE-WORK IS FREE OF DEBRIS AND FREE RUNNING

HEALTH & SAFETY:

ALL WORKS TO BE CARRIED OUT BY A CONTRACTOR COMPETENT TO UNDERTAKE THE CONSTRUCTION OF WORKS AS INDICATED ON THIS DRAWING. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE JOB SPECIFIC RISK ASSESSMENT. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

RISK SCHEDULE

ITEM	DESCRIPTION OF RISK OF ACTION
⚠	SPECIFIC HEALTH AND SAFETY RISKS ASSOCIATED WITH THESE WORKS ARE HIGHLIGHTED WITH THE CAUTION SYMBOL ADJACENT TO THE ITEM OF RISK. PLEASE REFER TO RISK SCHEDULE CONTAINED ON INDIVIDUAL DRAWINGS.
	UNLESS HIGHLIGHTED THERE ARE NO SPECIFIC HEALTH AND SAFETY RISKS ASSOCIATED WITH THESE WORKS, AS A DIRECT RESULT OF OUR DESIGN, APART FROM THE COMMON ISSUES ASSOCIATED WITH CONSTRUCTION THAT WILL NEED TO BE ASSESSED BY A COMPETENT CONTRACTOR PRIOR TO THE UNDERTAKING OF ANY WORKS.
⚠	THE CONTRACTOR SHOULD BE AWARE OF DEEP EXCAVATIONS FOR SEWERS
⚠	THE CONTRACTOR SHOULD BE AWARE OF THE EXISTING HV CABLED
⚠	THE CONTRACTOR SHOULD BE AWARE OF THE EXISTING HIGHWAYS ADJACENT TO THE SITE.
⚠	THE CONTRACTOR SHOULD BE AWARE OF EXISTING SERVICES REMAIN LIVE DURING CONSTRUCTION

LOCATION PLAN
Scale 1:5000

Rev.	Description.	Date.	Initial.
T1	TENDER ISSUE. S38 COMMENTS	06/10/22	PN

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REUBY & STAGG LTD.
CONSULTING CIVIL & STRUCTURAL ENGINEERS

Dewey House
55 High Street, Ringwood
Hampshire BH24 1AE
T: 01425 484400 F: 01425 484409
Email: admin@reuby-stagg.co.uk

ONE HORTON HEATH

Eastleigh Borough Council
Eastleigh House
Upper Market Street
Eastleigh
SO50 9YN
www.eastleigh.gov.uk

Site: ONE HORTON HEATH
Address: SEGMENT 3
Drg Title: DRAINAGE LAYOUT SHEET 3 OF 6
"THE AVENUE NORTHERN SECTION"
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