GENERAL NOTES

1. SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
2. ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION AND UNITED UTILITIES DETAILS & GUIDELINES.
3. THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150mm
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION GIVEN WITH REGARDS TO EXISTING SERVICES AND DRAINAGE CONNECTIONS ETC. PRIOR TO COMMENCING THE WORKS. THE RATES SHALL INCLUDE FOR HAND DIG AROUND SERVICES WHERE NECESSARY. THE CONTRACTOR SHALL ADHERE TO THE CDM REGULATIONS AT ALL TIMES
5. THE OUTSIDES OF ALL SEWERS SHALL BE A MINIMUM OF 1.0m FROM KERB LINES AND THE OUTSIDE OF MANHOLES SHALL BE A MINIMUM OF 0.5m FROM KERB LINES WITHIN ADOPTED HIGHWAY
6. EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES
7. ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES
8. ALL METERIALS TO BEAR THE RELEVANT B.S. KITEMARK AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR TO WITHSTAND A CLASS.
9. ALL OPENING NOTICES ETC. AS REQURED UNDER HIGHWAYS ACTS ETC. ARE TO BE OBTAINED PRIOR TO APPLICABLE.
10. WHERE "ULTRA RIB" UPVC PIPES (OR SIMILAR APPROVED) ARE USED IN ADOPTABLE DRAINAGE THEY SHALL STILL BE HANDLED AND LAID IN ACCORDANCE WITH THE SPECIFICATION AND GUIDANCE ISSUED BY THE HIGH PERFORMANCE PIPE ASSOCIATION.
11. **A CLASS S BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1M OF HIGHWAY SHALL, BE A SUITABLE GRANULAR MATERIAL ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION CL. 4.3.4.**
12. SLAB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE
13. DOMESTIC DRAINAGE SHALL BE TO BUILDING REGULATIONS APPROVED DOCUMENT H, 110mm U.P.V.C. PIPES LAID TO THE FOLLOWING MINIMUM FALLS UNLESS OTHERWISE SHOWN.

	FOUL	S.W.
HEAD RUN	1 IN 40	1 IN 60
ELSEWHERE	1 IN 80	1 IN 100

14. ALL GULLY CONNECTIONS TO BE 150mm VITRIFIED CLAY UNLESS NOTED OTHERWISE COMMENCEMENT OF WORKS: ALL WORKS ARE TO BE INSPECTED BY L.A., NHBC OR THE NETWORK OPERATOR AS

REV	DATE	DESCRIPTION	BY	CHK	APP
P06	04.12.2025	AMENDED TO SUIT NORTHSTONE COMMENTS - MANHOLES F21 AND S28 RELOCATED WITHIN SITE BOUNDARY	JPR	JPR	JCM
P05	12.11.2025	PIPE MATERIALS AMENDED	JPR	JCM	JCM
P04	11.11.2025	AMENDED TO SUIT UPDATED SITE PLAN AND SUDS PROPOSALS FOLLOWING MEETING WITH LLFA	JPR	JCM	JCM
P03	05.09.2025	UPDATED TO SUIT REVISED DRAINAGE CALCULATIONS	JPR	JCM	JCM
P02	28.08.2025	AMENDED TO SUIT UPDATED ARCHITECTS PLAN	JPR	JCM	JCM
P01	07.08.2025	PRELIMINARY ISSUE - FOR COMMENTS	JPR	JCM	JCM

DRAWING STATUS: **PRELIMINARY**

CLIENT: NORTHSTONE

ARCHITECT: NORTHSTONE

PROJECT: HARESHILL ROAD NORTH
SOUTH HEYWOOD

TITLE: OUTLINE DRAINAGE LAYOUT
SHEET 3

STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS	LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	225-205	SHE -	AJP -	ZZ -	00 -	DR -	C -	1003	P06

SCALE @ A0:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:500	JPR	JPR	JCM	JCM	AUG 2025

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CONTROL MH 2400ØMH WITH AN OPTIMUM TYPE HYDROBRAKE 106.4l/s @ 3.5m DESIGN HEAD REF - SHE-0371-1064-3500-1064 (371mm ORRIFICE)

SURFACE WATER SEWERS TO OUTFALL INTO EXISTING MANHOLE LOCATED ON SITE - INVERT LEVEL TO BE CONFIRMED FOLLOWING COMPLETE CCTV SURVEY

SUDs Basin

3m EASEMENT EITHER SIDE OF THE SEWER

SFA15 B HEADWALL

Queen Elizabeth II Way

El Sub Sta

Path