DRAINAGE KEY:

- EXISTING FW SEWER
- EXISTING SW SEWER
- EXISTING COMBINED SEWER
- EXISTING HIGHWAYS COMBINED SEWER
- EXISTING SEWER TO BE ABANDONED
- EX FWMH201 CL = TBC IL = TBC — EXISTING FOUL WATER MANHOLE
- EX SWMH101 CL = TBC IL = TBC — EXISTING SURFACE WATER MANHOLE
- FW 1.000 150mmØ @ 1:60 — FOUL WATER PIPE (150mmØ U.N.O. OUTLET AND CONNECTION BY OTHERS)
- SW 1.000 150mmØ @ 1:60 — SURFACE WATER PIPE
- FMH201 CL = TBC IL = TBC — FOUL WATER MANHOLE
- SWMH101 CL = TBC IL = TBC — SURFACE WATER MANHOLE
- HYDROBRAKE
- SWMH151 BD — BACKDROP MANHOLE
- PPIC — POLYPROPYLENE INSPECTION CHAMBER
- FWP — FOUL WATER PIPE
- RE — RODDING EYE
- RWP — RAINWATER PIPE
- G — GULLY
- SURFACE WATER ATTENUATION POLYSTORM-R OR SIMILAR APPROVED PRODUCT WITH 61 TONNES/m² COMPRESSIVE STRENGTH
- SITE BOUNDARY
- RETAINING WALL
- EXTENT OF 3m DRAINAGE EASEMENT

GREASE TRAPS

NOTE: GREASE TRAPS TO BE CONSIDERED FOR ALL KITCHEN AREAS. THESE MAY BE INTERNAL AND PART OF THE KITCHEN SUPPLIERS WORKS, OR EXTERNAL WITH SIZE AND LOCATION TO BE ADVISED BY SPECIALIST SUPPLIER FOR INDICATIVE INCLUSION ON ENGINEERS DRAWINGS.

DO NOT SCALE

FOR THE AVOIDANCE OF DOUBT, NO APPROVALS, REVIEWS, COMMENTS OR INDICATION OF SATISFACTION GIVEN BY ARC ENGINEERS IN TERMS OF SUBCONTRACT DRAWINGS, PRODUCTS OR PROPOSED MATERIALS SHALL REDUCE OR EXTINGUISH THE OBLIGATION OF THE SUB-CONTRACTOR OR SUPPLIER TO ADHERE TO THE SPECIFICATION, GENERAL ARRANGEMENT DRAWINGS, STATUTORY REQUIREMENTS AND GOOD WORKING PRACTICE. ARC ENGINEER'S ACCEPT NO LIABILITY FOR THE SELECTION OF MATERIALS OR WORKMANSHIP IN THE EXECUTION OF THE WORKS.

GENERAL NOTES

1. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXISTS THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATIONS. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS,
3. DRAWINGS NOT TO BE SCALED.
4. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER/ARCHITECT AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
5. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETE. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCE AND ENSURE THAT THE BUILDING AND ITS COMPONENTS ARE SAFE DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS WHICH MAY BE NECESSARY, SUCH MATERIAL REMAINING THE PROPERTY OF THE CONTRACTOR UPON COMPLETION.
6. ALL WORK TO COMPLY TO CURRENT BUILDING REGULATIONS AND TO BE IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS AND APPROPRIATE CODES OF PRACTICE.
7. FOR FURTHER NOTES REFER TO PROJECT SPECIFICATIONS REF. 23066-ARC-XX-XX-RE-S-9001.

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following risks and information.

Risks listed here are not exhaustive. Refer to Risk Assessment Register: 23066-ARC-XX-XX-RE-S-9002

Construction:

ADD PROJECT NOTES HERE

Demolition
No Unusual hazards/risks

For information relating to Use, Cleaning and Maintenance see Health & Safety File

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION
- INDICATES A RESIDUAL RISK FOR INFORMATION
- INDICATES A RESIDUAL RISK REQUIRING PROHIBITIVE ACTION
- INDICATES A RESIDUAL RISK AS A WARNING

REV	DETAIL	BY	CHK	APP	DATE
P3	MHFW6 + SWMH14 AND SURROUNDING PIPES UPDATED. NOTE ADDED. TO SUIT COMMENTS RECIEVED FROM YORKSHIRE WATER.	JBD	JE	JE	15.10.2024
P2	DRAINAGE LAYOUT UPDATED	JBD	AA	AA	02.09.2024
P1	INITIAL ISSUE	PJH	TO	HVF	30.01.2024

ArcEngineers
CONSULTING STRUCTURAL AND CIVIL ENGINEERS
3 CADMAN COURT, LEEDS, LS27 0RX
Phone: 0113 253 3904
www.arc-engineers.co.uk

CLIENT:
WHITSHAWS BUILDERS & ACHIEVE TOGETHER

PROJECT:
WAKEFIELD ROAD, EARLSHEATON DEWSBURY

TITLE:
DRAINAGE GENERAL ARRANGEMENT

DRAWING STATUS:
PRELIMINARY

DRAWN:	DATE:	CHECKED:	DATE:	APPROVED:	DATE:
PJH	30.01.2024	TO	30.01.2024	HVF	30.01.2024

CONTRACT No. 23066 — SCALE @ A1: 1:100

PROJECT No.	ORIGINATOR	ZONE	LEVEL	TYPE	DISCIPLINE	NUMBER	REVISION
23066	ARC	XX	XX	DR	D	5001	P3

© ARC ENGINEERS LTD 2022