NORTH

CONNECTION TO EXISTING PUBLIC BRICK SEWER AS PER 'METHODS OF CONNECTION', SECTION C OF THE YORKSHIRE WATER CONNECTION TO PUBLIC SEWER GUIDANCE NOTES:

THE ORIFICE FOR THE NEW CONNECTION SHOULD BE MADE BY CAREFULLY CORE DRILLING OR REMOVING BRICKS FROM THE SIDE OF THE SEWER, PREFERABLY WITHIN THE TOP THIRD.

WHERE APPLICABLE, THE TOP SLAB MAY BE TEMPORARILY TAKEN OFF TO AID THIS PROCESS.

THE CONNECTION SHOULD NOT BE MADE BY ATTEMPTING TO CORE DRILL THE TOP SLAB.

CONTRACTOR TO DETERMINE LOCATION AND DEPTH OF CULVERT CONNECTION AND REPORT TO THE ENGINEER

SW-J 01
CL 243.585m
IL 242.415m - 450Ø IN
DP 1.170m

21.709m SW S104
450Ø 1:7

SW-3.01
CL 246.536m
IL 245.365m
DP 1.171m 1500Ø

21.001m SW S104
450Ø 1:8

OVERFLOW STRUCTURE AT 248.70mAOD

3.00
ALTHON 450 MITRED HEADWALL TO SUIT A 450Ø PIPE
IL 247.900m

PROPOSED 1:3 EMBANKMENT UP TO A CREST LEVEL OF 249mAOD

EXISTING CULVERTED WATERCOURSE AND PRIVATE WATER FEATURE TO REMAIN

SW-2.01
CL 245.561m
IL 244.280m - 225Ø IN
IL 244.105m - 450Ø OUT
SUMP 0.300m
DP 1.756m 1500Ø

CONTRACTOR TO DETERMINE LOCATION AND DEPTH OF CULVERT CONNECTION AND REPORT TO THE ENGINEER

225mm DIA PIPE TO ACT AS THE FLOW CONTROL FOR SURFACE WATER RUNNING THROUGH THE EXISTING CULVERT

14.537m SW S104
225Ø 1:4

247.00
247.50
248.00
248.50
249.00

EXISTING CULVERTED WATERCOURSE TO BE ABANDONED UPHILL OF BUND

EX. SW-MANHOLE
CL 252.800m
IL 252.085m - 450Ø OUT
SUMP 0.000m
DP 1.170m

6.831m SW S104
450Ø 1:80

2.00
ALTHON SWALE INLET TO SUIT A 225Ø PIPE
IL 247.900m

OVERLAND FLOW ROUTE TO BASE OF EMBANKMENT

1.00
ALTHON 450 MITRED HEADWALL TO SUIT A 450Ø PIPE
IL 252.000m

EXISTING PIPE TO BE REPLACED TO CREATE AN OUTFALL AT APPROXIMATELY 252mAOD. OUTLET TO BE ALTHON 450 MITRED HEADWALL

DO NOT SCALE

DESIGNERS HAZARD IDENTIFICATION

IT IS ASSUMED THAT ALL WORKS WILL BE UNDERTAKEN BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT. IN ADDITION TO THE HAZARDS TYPICALLY ASSOCIATED WITH THE TYPES OF CONSTRUCTION DETAILED ON THIS DRAWING, ANY KNOWN ABNORMAL HAZARDS SPECIFIC TO THIS SCHEME HAVE BEEN IDENTIFIED.

ABNORMAL HAZARD REFERENCE

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. THIS DRAWING IS TO BE REPRODUCED IN COLOUR.
3. IF ANY DISCREPANCIES ARE FOUND IN THIS DRAWING, PLEASE REPORT TO DUDLEYS CONSULTING ENGINEERS.
4. THIS DRAWING HAS BEEN ORIENTATED TO OS BRITISH NATIONAL GRID (EPSG:27700 OSGB36). EXISTING SURVEY STATIONS ARE SHOWN ON THE TOPOGRAPHICAL SURVEY.
5. THIS DRAWING IS BASED ON THE FOLLOWING INFORMATION:
   5.1. 24143_3DT - 3D TOPOGRAPHICAL SURVEY BY SILKSTONE SURVEYS DATED JUNE 2024

KEY

- PROPOSED SURFACE WATER DRAIN
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED ALTHON SWALE INLET
- PROPOSED EXISTING SEWER ABANDONMENT
- EXISTING SURFACE WATER SEWER
- EXISTING CULVERTED WATERCOURSE
- EXISTING SURFACE WATER MANHOLE
- 00.000 PROPOSED SPOT LEVELS
- 1:63 PROPOSED GRADIENTS
- 1:63 EXISTING GRADIENTS
- EXISTING CONTOURS
- PROPOSED CONTOURS
- BOTTOM OF EMBANKMENT
- TOP OF EMBANKMENT
- EMBANKMENT TIE IN

DATE	REVISION DESCRIPTION	BY	CHK.	REV.
02.03.26	TENDER ISSUE	JRL	JA	C01

DUDLEYS CONSULTING ENGINEERS
Tithe House
35 Town Street
Leeds, LS18 5LJ
0113 258 3611
info@dudleys.co.uk

PROJECT
WOODS MOUNT, MARSDEN
KIRKLEES COUNCIL
HD7 6LB

TITLE
DRAINAGE STRATEGY

SCALE	PAPER	STAGE	STATUS
1:250	A1	TENDER	

DRAWING NO. 24416-DCE-XX-XX-D-C-100
REV. C01