

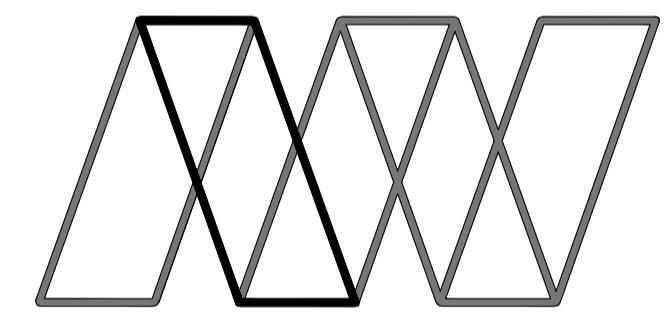


SHEET 2  
SHEET 3

- GENERAL NOTES:**
- THE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
  - THE DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
  - DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
  - ALL LEVELS ARE IN METRES AOD (ABOVE ORDNANCE DATUM) UNLESS NOTED OTHERWISE.
  - ALL WORKS TO BE UNDERTAKEN IN COMPLIANCE WITH BS 8000 FOR WORKMANSHIP ON BUILDING SITES.
  - ABBREVIATIONS: MH = MANHOLE  
CL = COVER LEVEL  
IL = INVERT LEVEL  
SW = SURFACE WATER  
N1-10/S = SWALE  
N1-10/MH = SURFACE WATER CHAMBERS.  
DS = SURFACE WATER DEMARCATION CHAMBER  
CONC = CONCRETE  
DWG = DRAWING
  - ALL EARTHWORKS SHALL BE UNDERTAKEN IN FULL COMPLIANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS MCW SERIES 600.
  - THE CONTRACTOR MUST ENSURE THAT THE WHOLE WORKS COMPLY BOTH WITH THE SPECIFICATION AND THE DRAWINGS WHICH ARE SUBJECT TO APPROVAL BY THE RELEVANT AUTHORITIES.
  - IF ANY DISCREPANCIES EXIST BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
  - THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITY PRIOR TO COMMENCEMENT OF EACH STAGE OF THE WORK FOR THEIR REPRESENTATIVE TO CARRY OUT INSPECTION TO ENSURE COMPLIANCE WITH THEIR SPECIFICATION AND APPROVED DETAILS. IF ANY SUCH REQUESTS OR INSTRUCTIONS CAUSE CONFLICT WITH THE SPECIFICATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

- KEY**
- PROPOSED CARRIER DRAIN.
  - PROPOSED FILTER DRAIN.
  - PROPOSED GULLY OUTFALL (1500 MIN FALL 1:150)
  - PROPOSED HIGHWAYS FIN DRAIN.
  - PROPOSED TOE DRAIN.
  - PROPOSED HIGHWAYS CHAMBER (TYPE 7).
  - PROPOSED HIGHWAYS CHAMBER (TYPE 8).
  - PROPOSED HIGHWAYS GULLY.
  - PROPOSED ENKAMAT OR RENO MATRESS ARRANGEMENT FOR INLET OR OUTLET TO THE DRAINAGE SWALES/DITCHES.
  - EXTENTS OF H.E DRAINAGE MAINTENANCE SWALE BASIN.
  - SWALE BASIN.
  - IDB DITCHES TO BE ABANDONED.
  - IDB DITCHES TO BE MAINTAINED.
  - H.E SWALE TO BE MAINTAINED.
  - EXISTING MALTGRADE DITCHES TO BE ABANDONED.
  - NLC DITCHES TO BE MAINTAINED.

P2	AMENDMENTS TO SUIT CLIENT COMMENTS	09.02.21	KA	JG	JG
P1	FIRST ISSUE	15.12.20	KA	JG	JG
Rev	Description	Date	By	Chk	App



**Alan Wood & Partners**

York Office  
Omega 2  
Monks Cross Drive  
York  
YO32 9GZ

Consulting Civil & Structural Engineers  
Project Managers  
Building Surveyors

Hull T. 01482 442138  
Lincoln T. 01522 300210  
London T. 02071 860761  
Scarborough T. 01723 865484  
Sheffield T. 01142 440077  
Leeds T. 01135 311098

T. 01904 611594  
[www.alanwood.co.uk](http://www.alanwood.co.uk)

Project: LINCOLNSHIRE LAKES, SCUNTHORPE M181/B1450 HIGHWAY WORKS

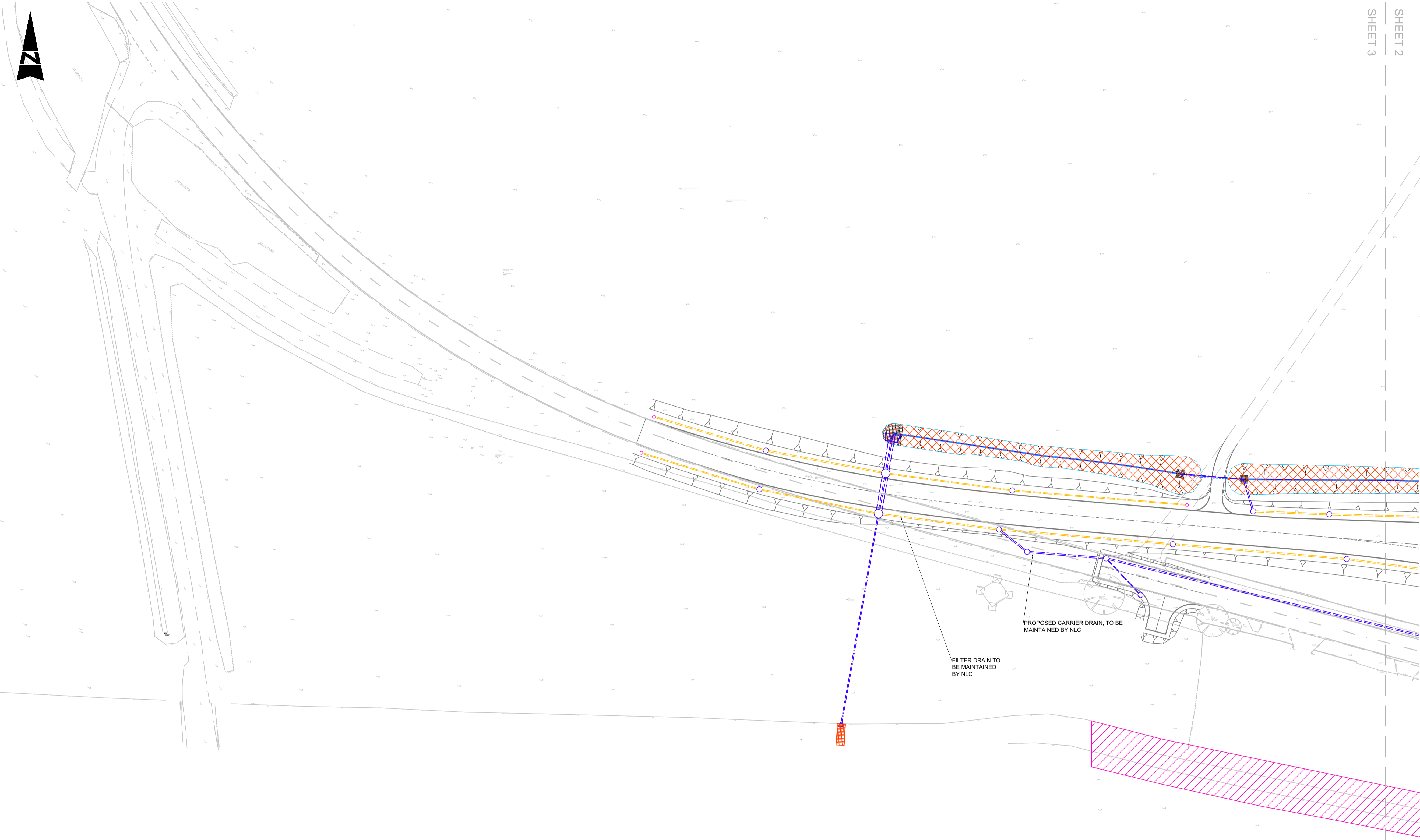
Client:  MALT GRADE

Drawing: M181-JUNCTION - SUDS O&M LAYOUT SHEET 3

Role: CIVIL ENGINEER

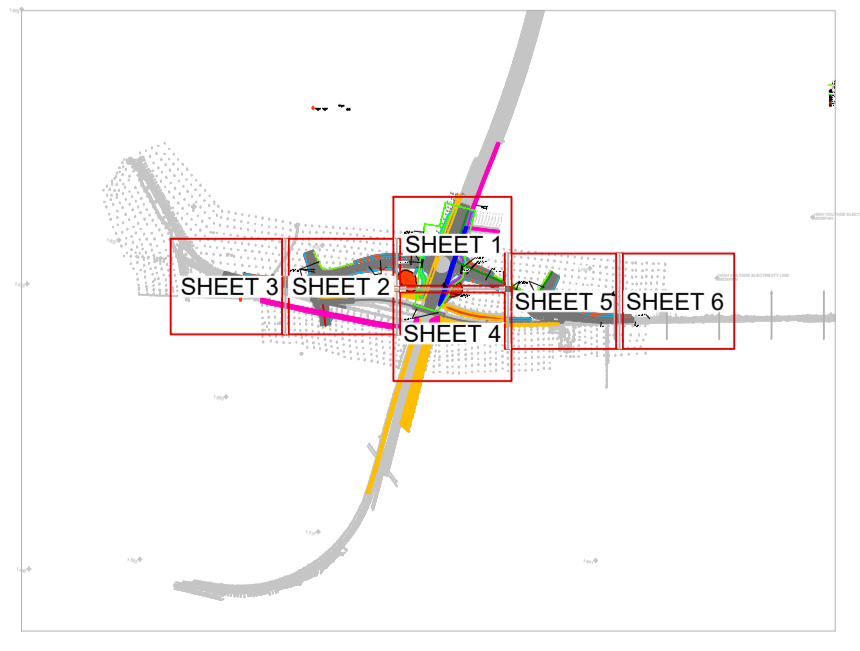
Drawing Status: PRELIMINARY

Job. no.	43972	Scale@ A1:	1:500	Rev.	P2
Project	Originator	Volume	Level	Type	Role
LLHI - AWP - 01 - 05 - DR - D - 0072					



THIS DRAWING TO BE READ IN CONJUNCTION WITH THE AWP DRAWINGS:

LLHI-AWP-01-05-DR-D-0001 TO 0006	M181 JUNCTION-DRAINAGE LAYOUT
LLHI-AWP-01-05-DR-D-0011 TO 0019	M181 JUNCTION-DRAINAGE PIPE SCHEDULES
LLHI-AWP-01-05-DR-D-0020 TO 0029	M181 JUNCTION-DRAINAGE MANHOLE SCHEDULES
LLHI-AWP-01-05-DR-D-0030 TO 0039	M181 JUNCTION-DRAINAGE DIVERSION OF EXISTING DITCHES LAYOUT AND STANDARD DETAILS
LLHI-AWP-01-05-DR-D-0040 TO 0049	M181 JUNCTION-DRAINAGE ATTENUATION PONDS LAYOUT AND CONSTRUCTION DETAILS
LLHI-AWP-01-05-DR-D-0050 TO 0059	M181 JUNCTION-DRAINAGE FLOW CONTROL CONSTRUCTION DETAILS
LLHI-AWP-01-05-DR-D-0060 TO 0069	M181 JUNCTION-DRAINAGE STANDARD DETAILS



SHEET 2  
SHEET 3

100mm at A1