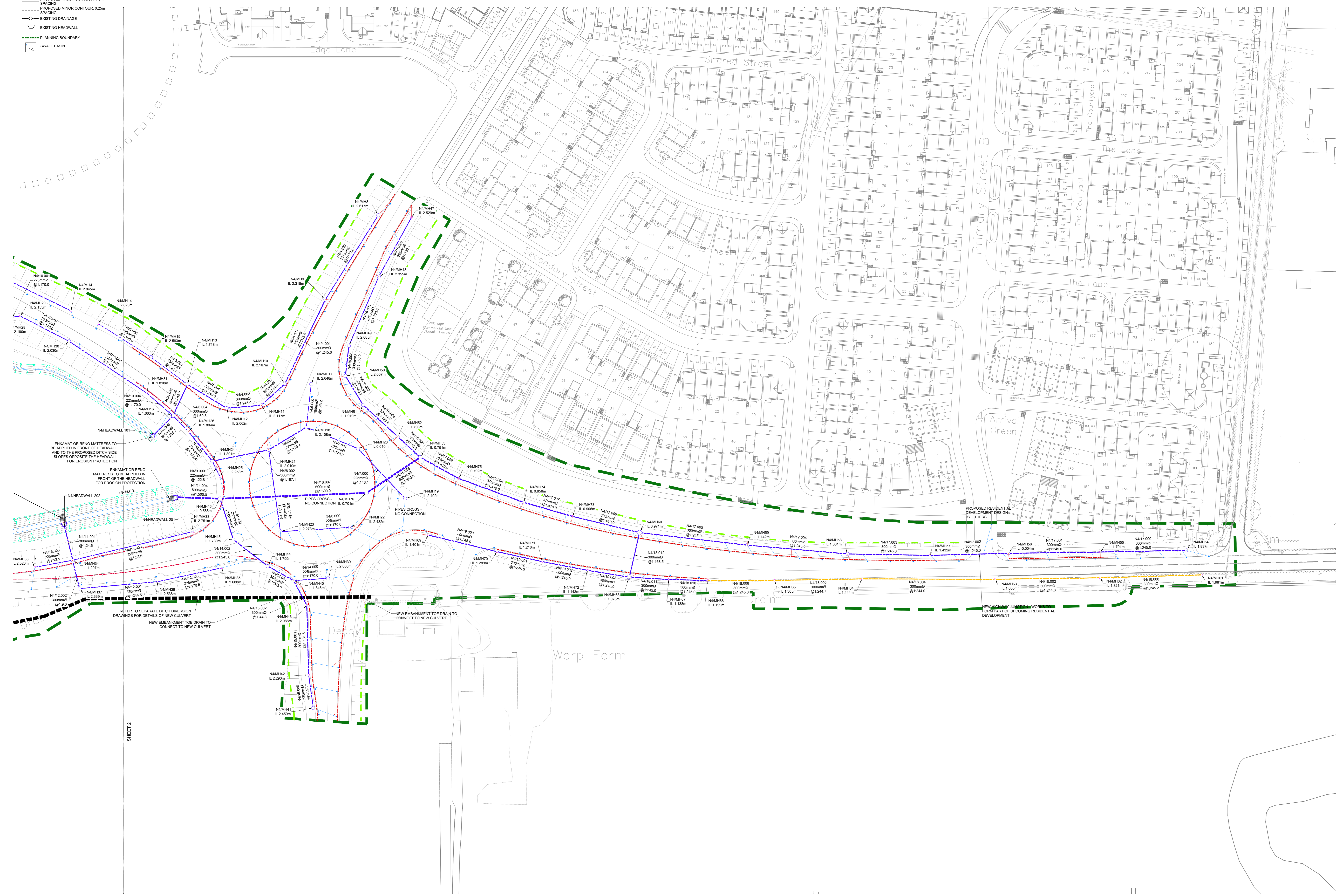
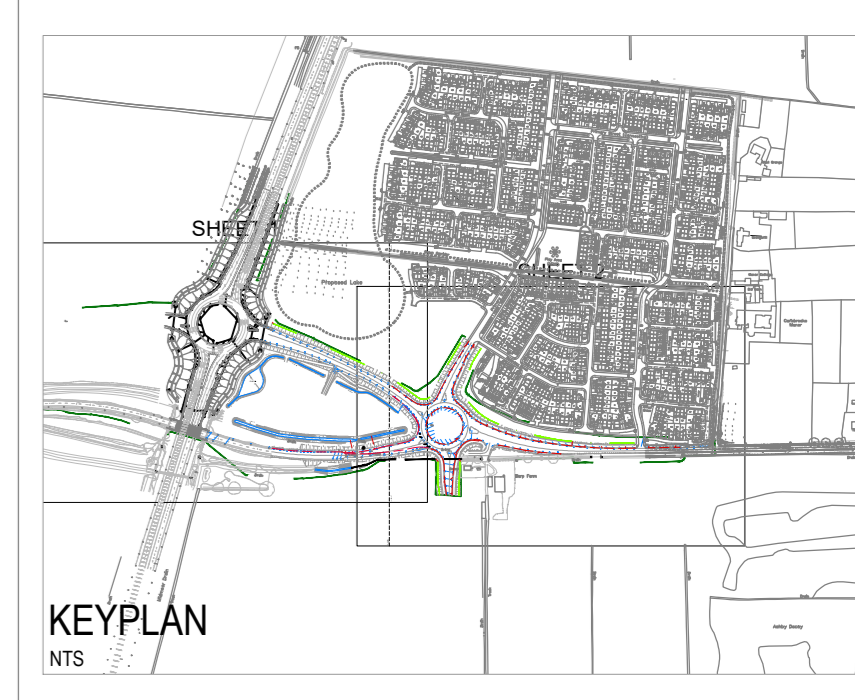


- KEY**
- PROPOSED CARRIER DRAIN
 - PROPOSED FILTER DRAIN
 - PROPOSED GULLY OUTFALL (1:500 MN FALL 1:50)
 - PROPOSED HIGHWAYS FIN DRAIN
 - PROPOSED TOE DRAIN
 - PROPOSED HIGHWAYS CHAMBER (TYPE 7)
 - PROPOSED HIGHWAYS CHAMBER (TYPE 8)
 - PROPOSED HIGHWAYS GULLY
 - EXISTING RETAINED WALLS
 - PROPOSED PRECAST CONCRETE HEADWALL
 - PROPOSED ENKAMAT OR RENO MATRESS ARRANGEMENT FOR INLET OR OUTLET TO THE DRAINAGE SWALES/DITCHES
 - PROPOSED MAJOR CONTOUR, 1.0m SPACING
 - PROPOSED MINOR CONTOUR, 0.25m SPACING
 - EXISTING DRAINAGE
 - EXISTING HEADWALL
 - PLANNING BOUNDARY
 - SWALE BASIN



- NOTES**
- THESE 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.
 - THIS 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 THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK COMMENCED.
 - ALL LEVELS ARE ADD ABOVE ORDNANCE DATUM (AOD).
- DRAINAGE LAYOUT NOTES:**
- ALL SEWER WORKS AND MATERIAL TO BE IN ACCORDANCE WITH MCHN CC 000 DRAINAGE. ANY OTHER RELEVANT SECTIONS OF MCHN AND THE RELEVANT BRITISH/BREITANIAN STANDARDS/REGULATIONS AND STANDARDS INCLUDING BS EN 12052 AND BS EN 12052.
 - 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.
 - ALL WORKS TO BE UNDERTAKEN IN COMPLIANCE WITH BS 800 FOR WORKMANSHIP ON BUILDING SITES.
 - ABBREVIATIONS: MH = MANHOLE, CL = COVER LEVEL, IL = INVERT LEVEL, SY = SURFACE WATER, CONC = CONCRETE, TSWALL = TRENCH WALL, STRUCTURED WALL PIPE, DWG = DRAWING.
 - 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 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 THE SPECIFICATION AND APPROVED DETAILS. IF ANY SUCH REQUESTS OR INSTRUCTIONS CAUSE CONFLICT WITH THE SPECIFICATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
 - WHERE COVER TO PIPE SOFFIT IS LESS THAN 1.2m TO FINISHED GROUND LEVEL PIPE PROTECTION IS REQUIRED IN THE FORM OF A REINFORCED CONCRETE PROTECTION SLAB EXCEPT WHERE THE PIPE FORMS PART OF A FILTER DRAIN IN WHICH CASE A CONCRETE SLAB SHOULD NOT BE PROVIDED.
 - ALL PLASTIC PIPEWORK TO BE TRENCH WALL STRUCTURED WALL PIPES. PIPES AND FITTINGS TO COMPLY WITH BS EN 12052. ALL PIPES SHALL BE SMOOTH BORE. WHERE PIPEWORK IS WITHIN FILTER DRAIN, PIPE TO BE PERFORATED.
 - NO MECHANICAL COMPACTION OF FILL MATERIAL WITHIN 300mm OF THE CROWN OF ANY PIPE.



REV	DESCRIPTION	DATE	BY	CHK	APP
P02	AMENDED TO DETAIL ADDITIONAL FOOTPATH	27.03.26	ERD	JP	BH
P01	FIRST ISSUE	13.03.26	ERD	JP	SPG

Alan Wood & Partners

www.alanwood.co.uk

Locations:
Hull
Leeds
Lincoln
Scarborough
Sheffield
Stockton-on-Tees
York

Issuing Office:
York Office
Ormsay 2
Monks Cross Drive
York
YO32 9GZ
eng@alanwood.co.uk
T. 01904 61594

Project: M181 Southern Junction - Phase 2 B1450 Spur and East Roundabout

Client: North Lincolnshire Council

Drawing: Temporary Phase - Drainage Layout Sheet 2 of 2

Rev: CIVIL ENGINEER

Drawing Date: FOR REVIEW AND COMMENT

Submittal Code: S3

Job no.: 53335

Scale: As 1:500

Rev.: P02

Project Originator: SER - AWP - ZZ - 05 - D - C - 3005