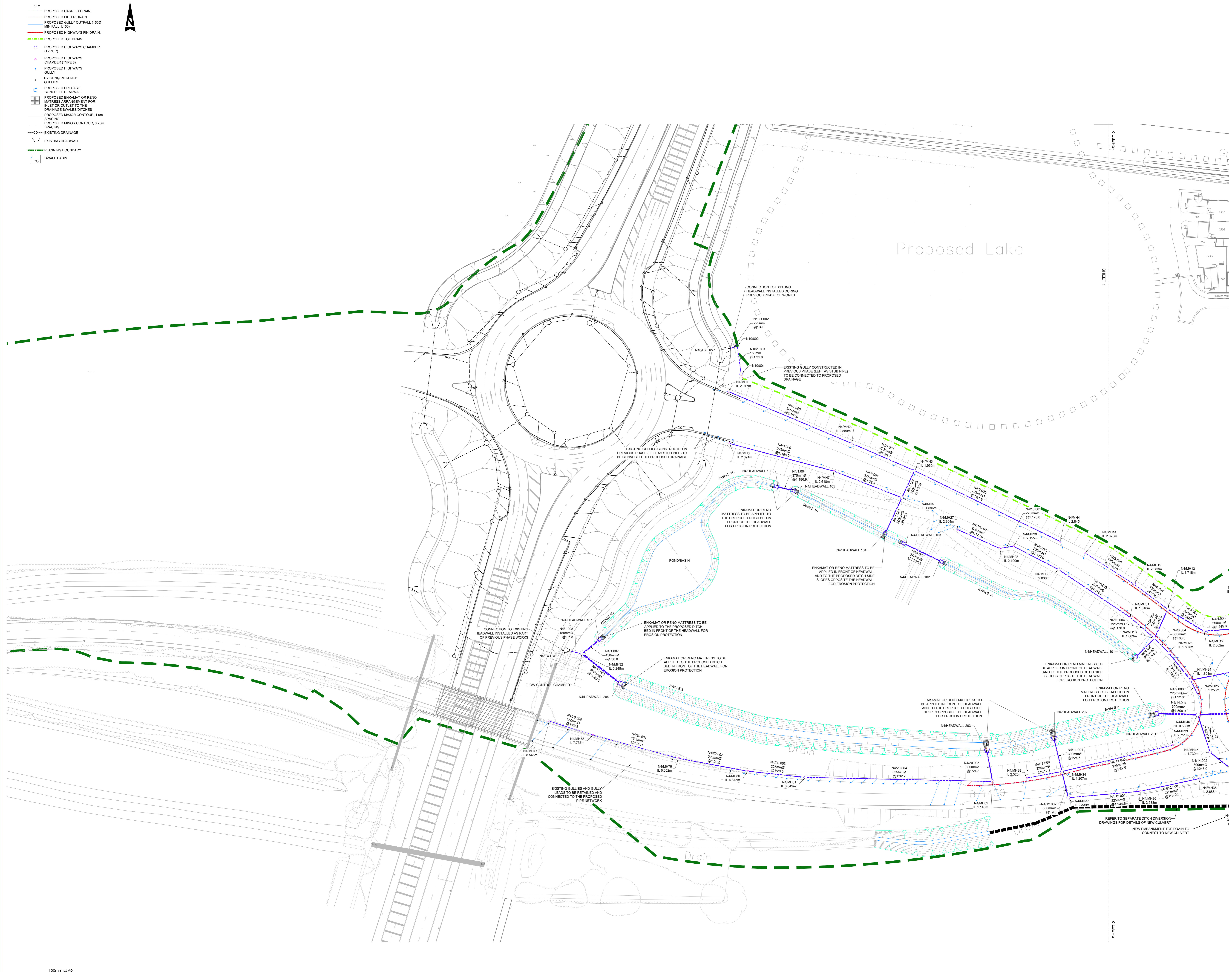
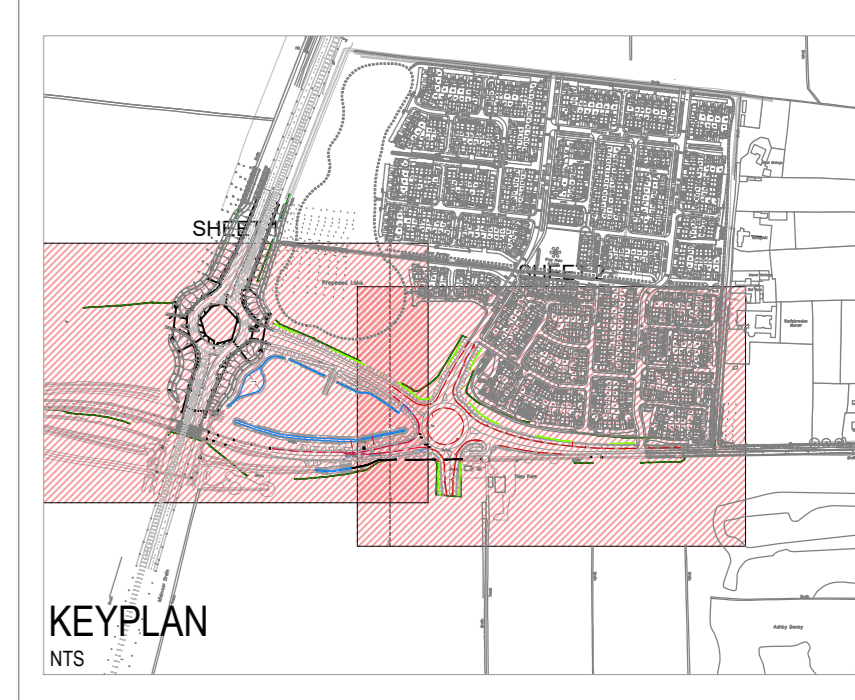


- KEY**
- PROPOSED CARRIER DRAIN
 - PROPOSED FILTER DRAIN
 - PROPOSED GULLY OUTFALL (1500 MN FALL 1:50)
 - PROPOSED HIGHWAYS FIN DRAIN
 - PROPOSED TOE DRAIN
 - PROPOSED HIGHWAYS CHAMBER (TYPE 7)
 - PROPOSED HIGHWAYS CHAMBER (TYPE 8)
 - PROPOSED HIGHWAYS GULLY
 - EXISTING RETAINED GULLIES
 - PROPOSED PRECAST CONCRETE HEADWALL
 - PROPOSED ENKAMAT OR RENO MATTRESS ARRANGEMENT FOR INLET OR OUTLET TO THE DRAINAGE SWALES/DITCHES
 - PROPOSED MAJOR CONTOUR, 0.1m SPACING
 - PROPOSED MINOR CONTOUR, 0.25m SPACING
 - EXISTING DRAINAGE
 - EXISTING HEADWALL
 - PLANNING BOUNDARY
 - SWALE BASIN



- NOTES**
1. 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.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
 3. 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.
 4. ALL LEVELS ARE ADD (ABOVE ORDNANCE DATUM) UNLESS NOTED OTHERWISE.
- DRAINAGE LAYOUT NOTES:**
1. ALL SOWER WORKS AND MATERIAL TO BE IN ACCORDANCE WITH MCHN CC 00 DRAINAGE. ANY OTHER RELEVANT SECTIONS OF MCHN AND THE RELEVANT BRITISH/EUROPEAN STANDARDS/REGULATIONS AND TEST METHODS INCLUDING BS EN 141 AND BS EN 122.
 2. 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.
 3. ALL WORKS TO BE UNDERTAKEN IN COMPLIANCE WITH BS 8000 FOR WORKMANSHIP ON BUILDING SITES.
 4. ABBREVIATIONS: MH = MANHOLE
CL = COVER LEVEL
IL = INVERT LEVEL
OS = SURFACE WATER
CONC = CONCRETE
TRENWALL = TRENCH WALL STRUCTURED WALL PIPE
DWG = DRAWING
 5. 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.
 6. IF ANY DISCREPANCIES EXIST BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
 7. 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.
 8. 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.
 9. ALL PLASTIC PIPEWORK TO BE TRENCH WALL STRUCTURED WALL PIPE. PIPES AND FITTINGS TO COMPLY WITH BS EN 12163. ALL PIPES SHALL BE SMOOTH BORE. WHERE PIPEWORK IS WITHIN FILTER DRAIN, PIPE TO BE PERFORMED.
 10. NO MECHANICAL COMPACTION OF FILL MATERIAL WITHIN 300mm OF THE CROWN OF ANY PIPE.



REVISED TO DETAIL ADDITIONAL FOOTPATH	27.03.26	ERD	JP	BH
FIRST ISSUE	13.03.26	ERD	JP	SPG
Rev	Description	Date	By	Chk

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Project	M181 Southern Junction - Phase 2 B1450 Spur and East Roundabout			
Client	North Lincolnshire Council			
Drawing	Temporary Phase - Drainage Layout Sheet 1 of 2			
Rev	CIVIL ENGINEER	Submittal Code	S3	
Drawing Date	FOR REVIEW AND COMMENT	Scale	AS 1:500	
Job no.	53335	Scale	AS	1:500
Project	Originator	Date	Level	Type
Rev	AWP	ZZ	05	D - C - 3104

100mm at A0