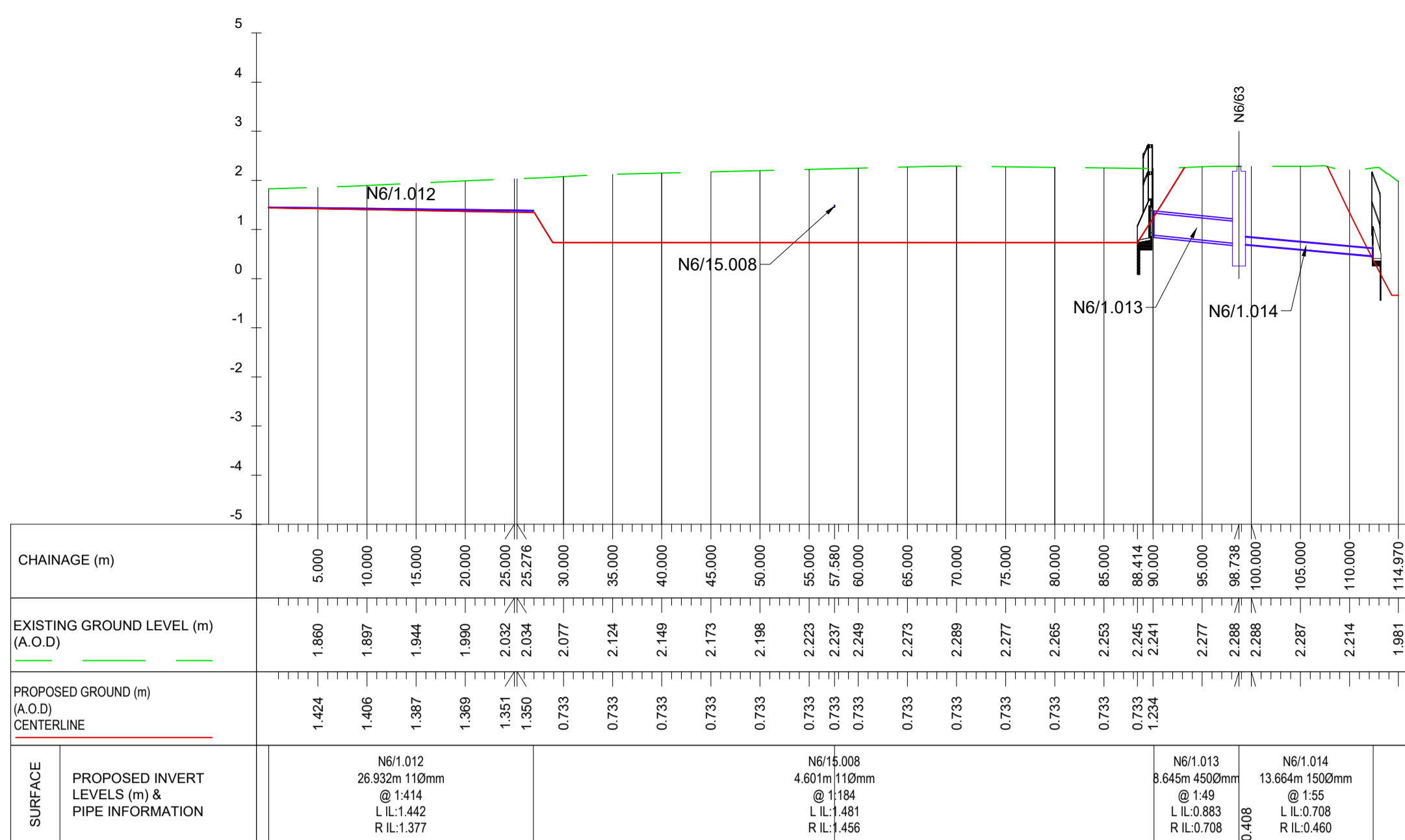
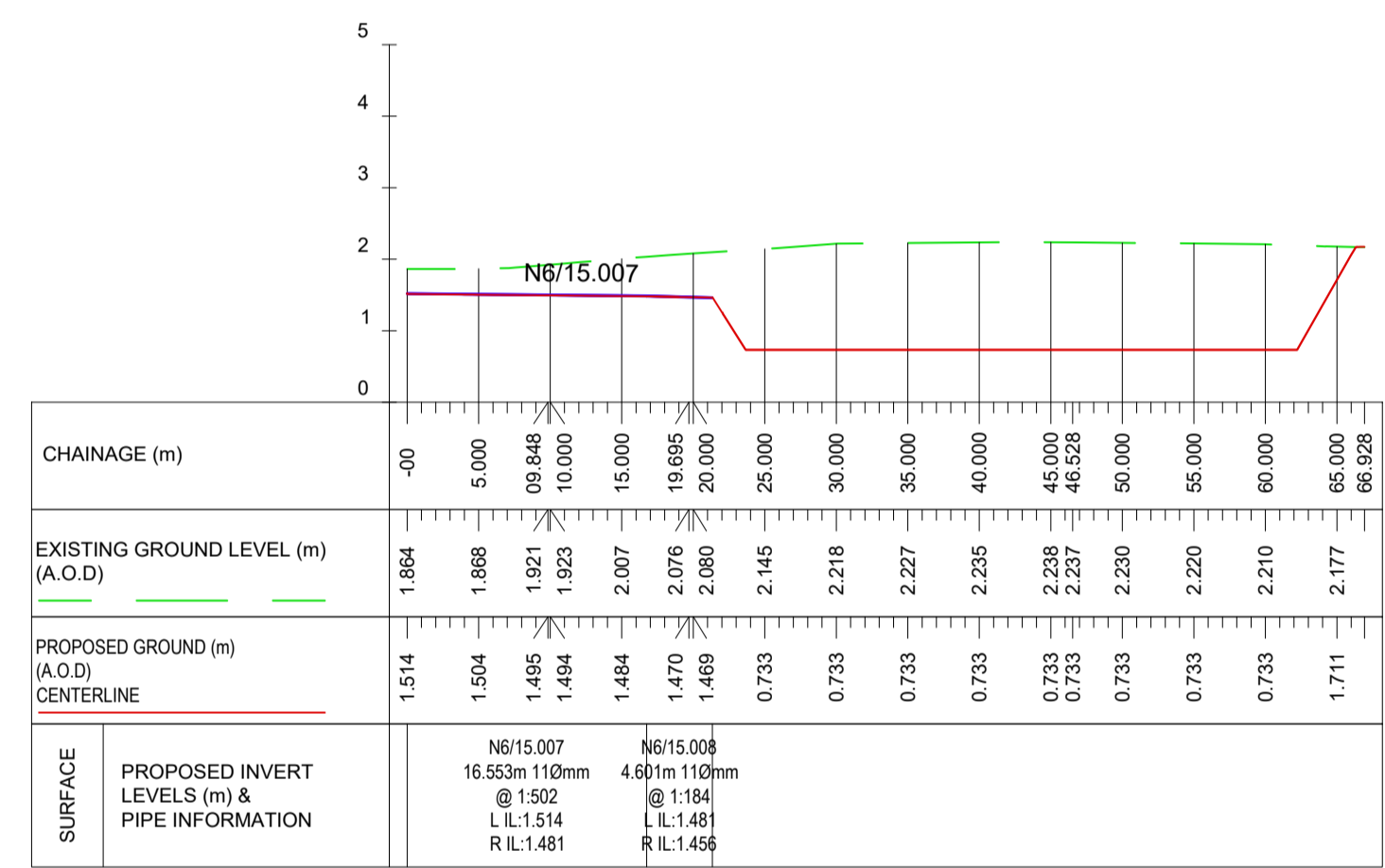


ATTENUATION POND 1
 ATTENUATION VOLUME: 1046m³
 BASE AREA: 1959m²
 TOP AREA: 2225m² (300mm FREEBOARD)
 HEIGHT: 1.299m

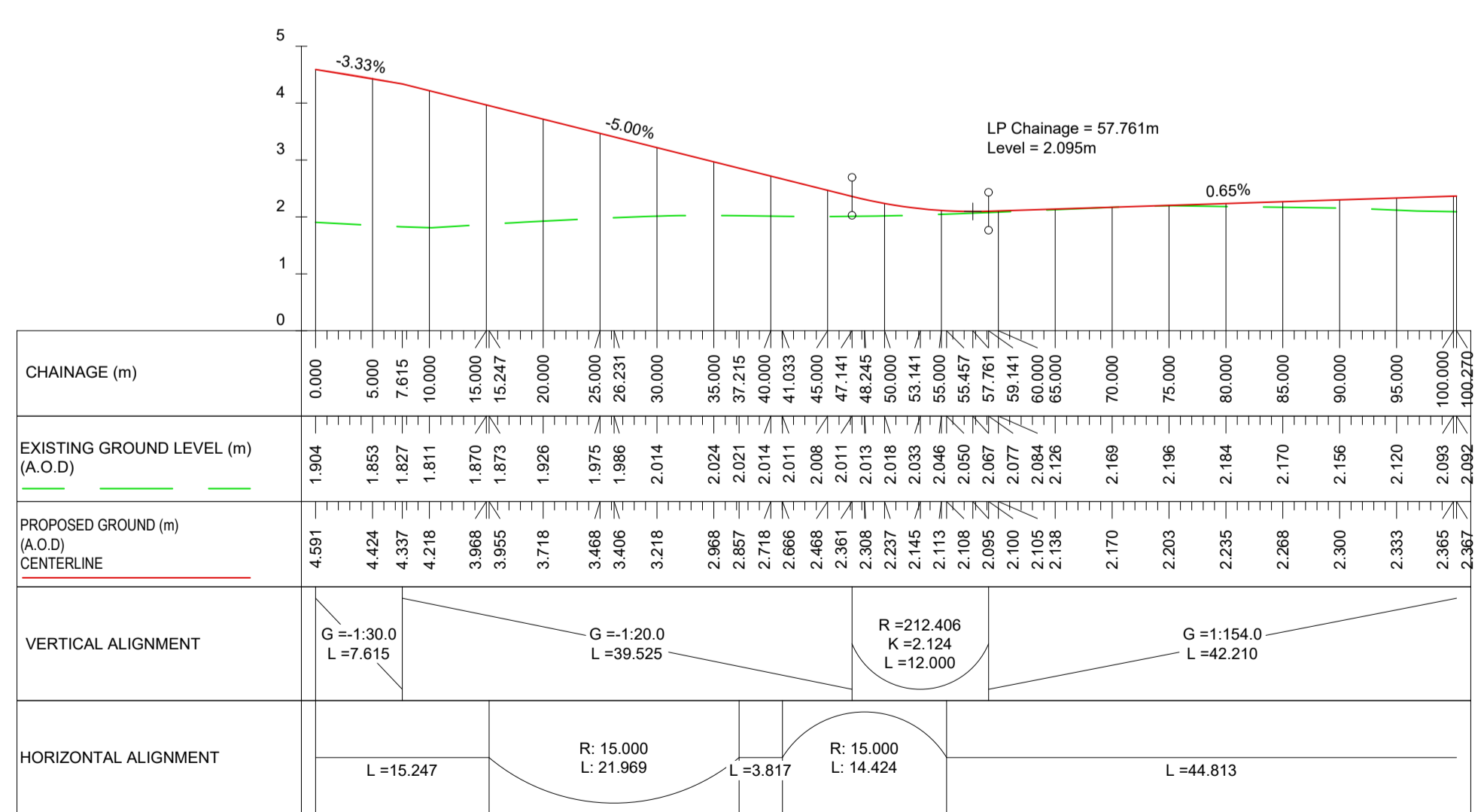
PLAN VIEW
 SCALE 1:500



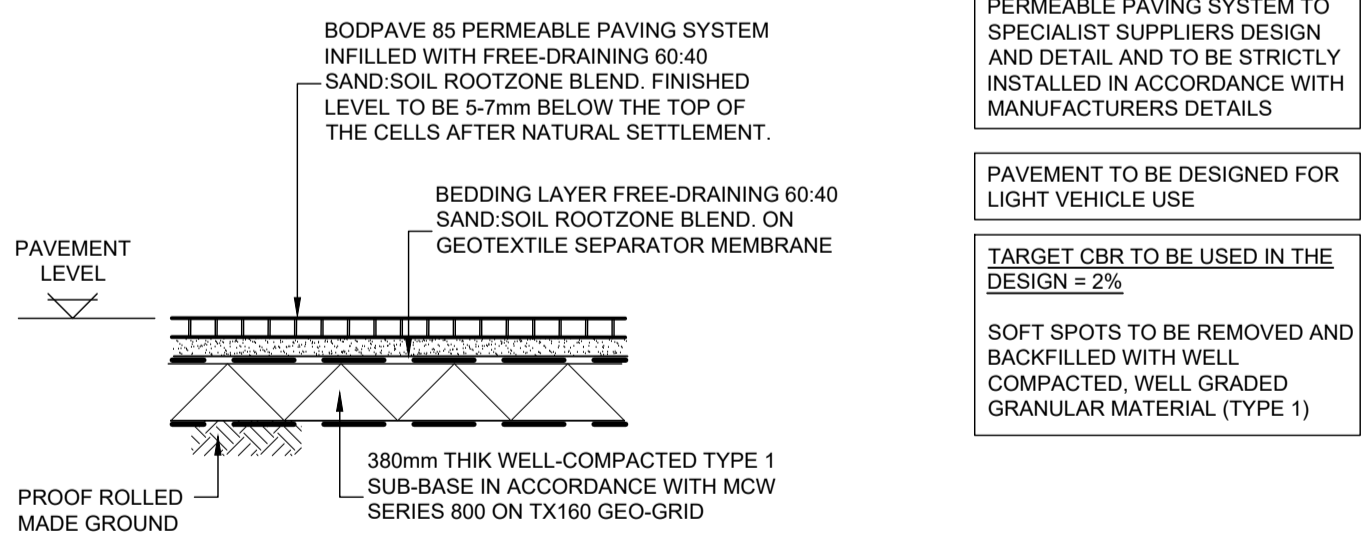
AWP-POND 1 LONGSECTION
 SCALE: H 1:500, V 1:100. DATUM: -5.000



AWP-POND 1 - SECOND INLET
 SCALE: H 1:500, V 1:100. DATUM: 0.000



AWP - WEST ACCESS ROAD
 SCALE: H 1:500, V 1:100. DATUM: 0.000



PERMEABLE PAVEMENT DETAIL EAST/WEST POND ACCESS ROADS
 SCALE 1:20

PERMEABLE PAVING SYSTEM TO SPECIALIST SUPPLIERS DESIGN AND DETAIL AND TO BE STRICTLY INSTALLED IN ACCORDANCE WITH MANUFACTURERS DETAILS

PAVEMENT TO BE DESIGNED FOR LIGHT VEHICLE USE

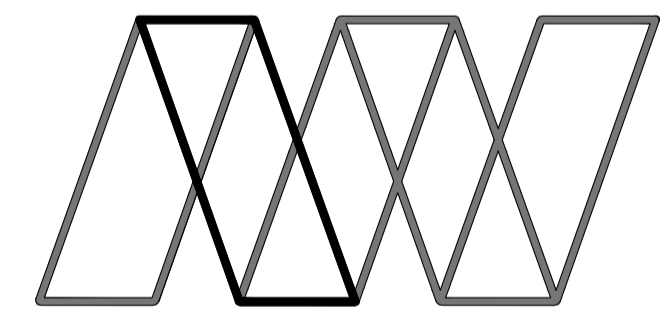
TARGET CBR TO BE USED IN THE DESIGN = 2%

SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED, WELL GRADED GRANULAR MATERIAL (TYPE 1)

THIS DRAWING TO BE READ IN CONJUNCTION WITH AWP DRAWINGS:	
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

- 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 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
N1-10MH = 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.
 - FOR ATTENUATION PONDS CROSS SECTIONS PLEASE REFER TO THE AWP DRAWINGS: LLHI-AWP-01-05-DR-D-0029 AND 0030

T2	AMENDED PROPOSED GROUND	15.01.21	KA	JG	JG
T1	FIRST ISSUE	02.10.20	TV	SPG	JG
Rev	Description	Date	By	Chk	App



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Project: LINCOLNSHIRE LAKES, SCUNTHORPE M181/B1450 HIGHWAY WORKS

Client:

Drawing: M181 Junction - Drainage layout - Attenuation Pond 1

Role: CIVIL ENGINEER

Status: TENDER

Job. no. 43972 Scale@ A1: AS SHOWN Rev. T2

Project Originator Volume Level Type Role Number
 LLHI - AWP - 01 - 05 - DR - D - 0040