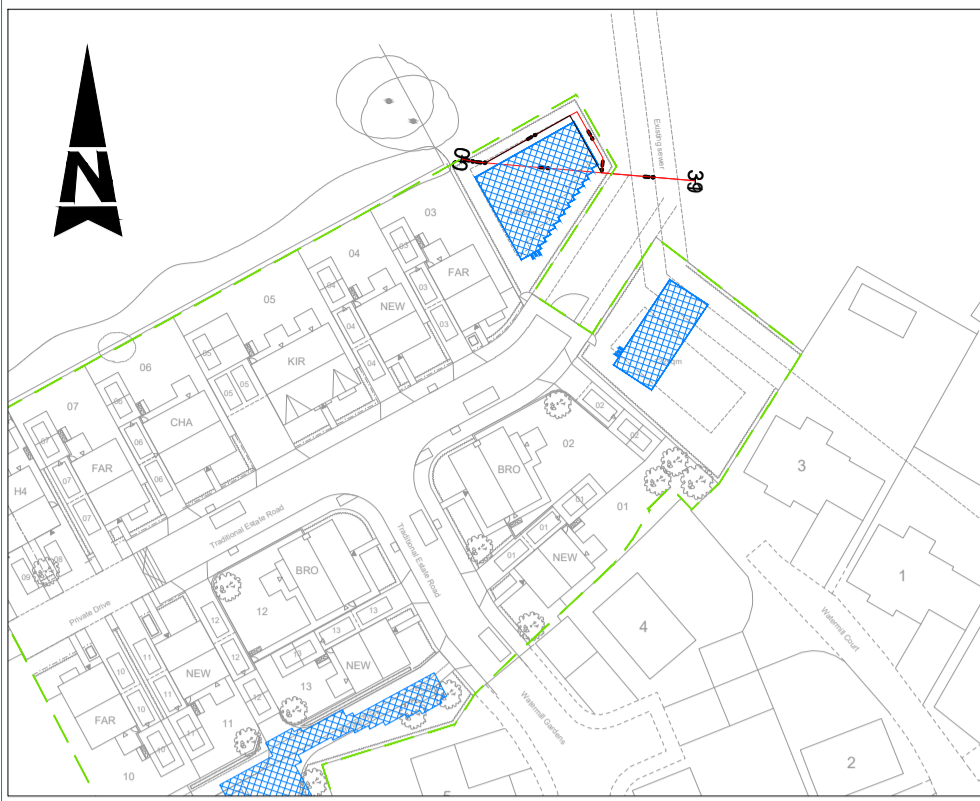
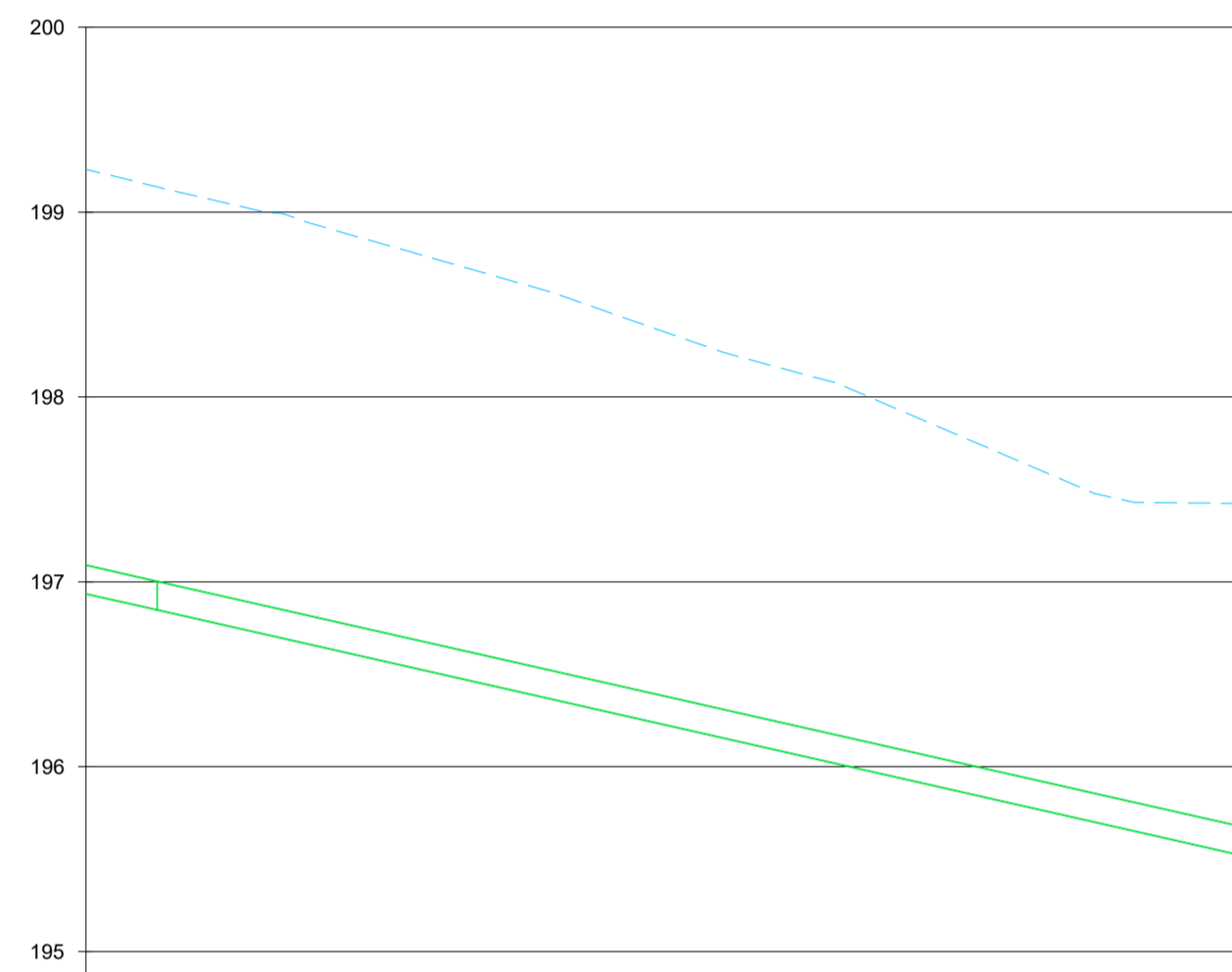


H-?-?-?-???

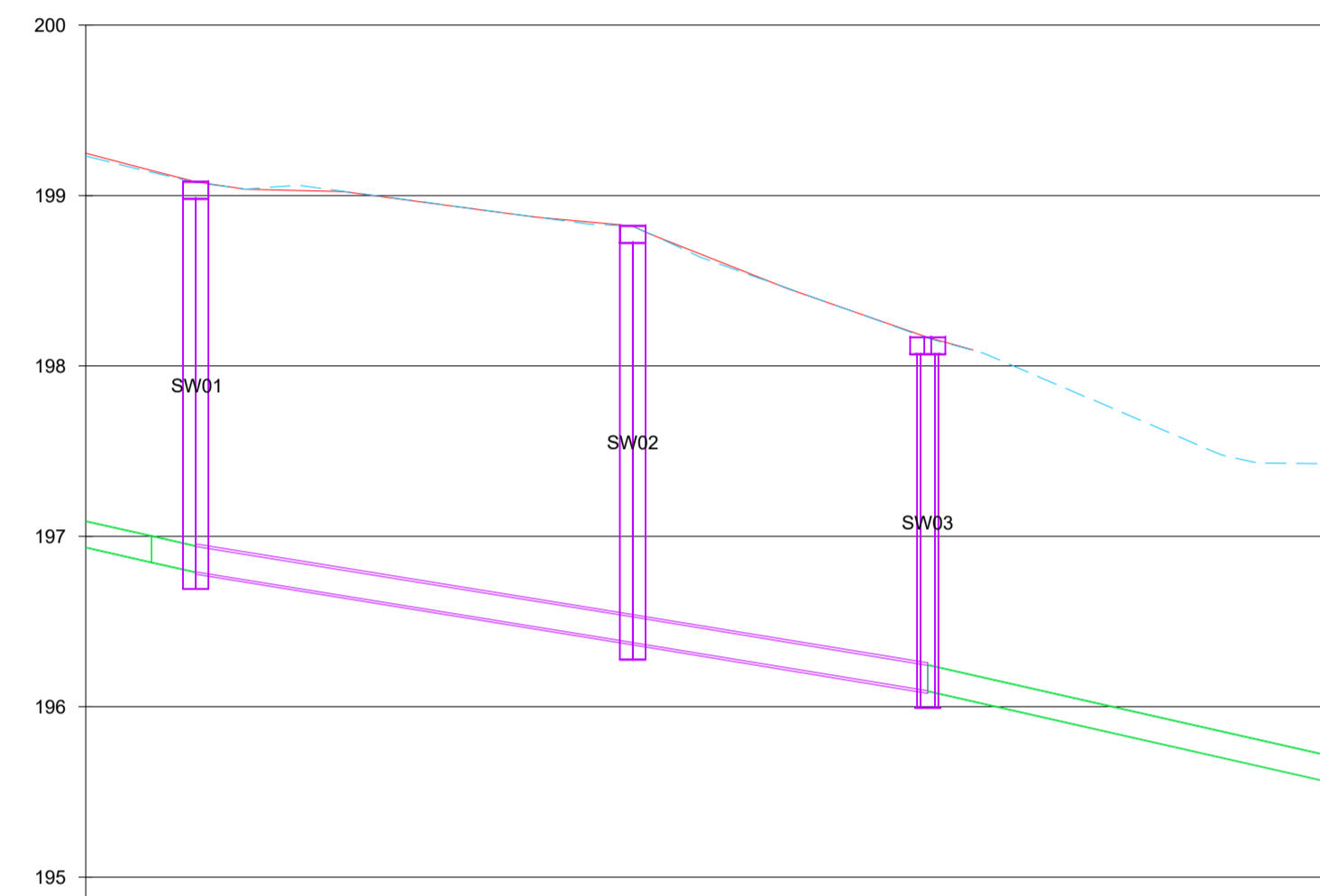


LOCATION PLAN
SCALE 1:1000



CHAINAGE (m)	00.000	10.000	20.000	30.000
EXISTING GROUND LEVEL (m) (A.O.D)	199.231	198.715	198.091	197.424
SURFACE PROPOSED INVERT LEVELS (m)	PN EXSD2.000_1 1.934m 1500mm @ 1:22 Left Invert 198.938 Right Invert 196.850		PN EXSD2.000_2 29.176m 1500mm @ 1:22 Left Invert 196.850 Right Invert 195.530	

EXISTING S185 DRAINAGE - LONGSECTION
SCALE: H 1:200, V 1:40. DATUM: 194.000



CHAINAGE (m)	00.000	10.000	20.000	30.000	37.136
EXISTING GROUND LEVEL (m) (A.O.D)	199.231	198.959	198.498	197.762	197.424
PROPOSED GROUND (m) (A.O.D)	199.249	198.568	198.500		
CENTERLINE					
SURFACE PROPOSED COVER LEVELS (m) AND PIPE MATERIAL		Clay Pipe S1	Clay Pipe S1	Clay Pipe S1	
SURFACE PROPOSED INVERT LEVELS (m)		PN SD1.000 12.813m 1500mm @ 1:31 Left Invert 196.791 Right Invert 196.377	PN SD1.001 8.655m 1500mm @ 1:30 Left Invert 196.377 Right Invert 196.093	PN EXSD2.000_3 12.432m 1500mm @ 1:22 Left Invert 196.093 Right Invert 195.530	
	PN EXSD2.000_1 1.934m 1500mm @ 1:22 Left Invert 196.937 Right Invert 196.849	PN EXSD2.000_2 1.292m 1500mm @ 1:22 Left Invert 196.849 Right Invert 196.791			

PROPOSED S185 DRAINAGE - LONGSECTION
SCALE: H 1:200, V 1:40. DATUM: 194.000

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 IS COMMENCED.
- ALL LEVELS ARE AOD (ABOVE ORDNANCE DATUM) UNO.

YORKSHIRE WATER NOTES:

- ALL ADAPTABLE SEWER WORKS AND MATERIAL TO BE IN ACCORDANCE WITH 'CODE FOR ADOPTION'. THE RELEVANT BRITISH/EUROPEAN AND YORKSHIRE WATER'S STANDARDS/REQUIREMENTS/ADDENDUM TO THE MECHANICAL AND ELECTRICAL SPECIFICATION AND KITEMARKED.
- MANHOLE COVERS SHALL MUST HAVE A CLEAR OPENING OF 600mm AND SHALL BE CLASS D400 TO BS EN 124 WITH 150mm DEEP FRAMES IN HIGHWAYS.
- FILLED GROUND MUST BE FILLED AND CONSOLIDATED UNDER THE SUPERVISION AND TO THE SATISFACTION OF YORKSHIRE WATER BEFORE ANY SEWER WORKS ARE CARRIED OUT.
- YORKSHIRE WATER IS NOT OBLIGED TO ACCEPT FILTER DRAIN/LAND DRAINAGE RUN-OFF INTO THE PUBLIC SEWER NETWORK OR ADAPTABLE DRAINAGE SYSTEM (DIRECTLY OR INDIRECTLY). AN ALTERNATIVE METHOD OF DISPOSAL OF THE LAND DRAINAGE RUN-OFF WILL THEREFORE BE REQUIRED AND YOU WILL HAVE TO LIAISE WITH THE LOCAL AUTHORITY. LAND DRAINAGE SECTION REGARDING THE DISPOSAL OF THE FILTER DRAIN/LAND DRAINAGE RUN-OFF.
- THE ADAPTABLE SEWERS SHOULD BE A MINIMUM OF 1m AND MANHOLES 0.5m FROM KERB FACES AND SERVICE MARGINS.
- SEWERS MUST HAVE 5 METRES CLEARANCE FROM TREES AND HEDGES OR THE WIDTH OF THE CANOPY AT MATURE HEIGHT.
- SEWERS TO BE LAID IN CLASS 'S' BEDDING (150mm GRANULAR BED AND SURROUND), WHERE DEPTH OF COVER TO TOP OF THE SEWER IS LESS THAN 1.2m IN HIGHWAYS AND VERGES (OR LESS THAN 900mm IN NONVEHICULAR ACCESS AREAS) THEN A CONCRETE SLAB SHOULD BE PROVIDED ABOVE GRANULAR BED AND SURROUND.
- BEDDING AND BACKFILL MATERIAL TO CONFORM TO THE REQUIREMENT OF WATER INDUSTRY SPECIFICATION 4-08-02 (TABLE A2).
- YORKSHIRE WATER POLICY IS THAT TYPE 'C' BRICK MANHOLES AND 1050mm DIAMETER MANHOLE RINGS ARE NOT PREFERRED. INSTEAD, IT IS PREFERRED THAT YOU USE A TYPE 'B' MANHOLE WITH 1200mm DIAMETER OR 1500mm DIAMETER RINGS, WITH THE OPENING SITED OVER THE CHANNEL WHERE DEPTH OF COVER TO PIPE SOFFIT IS 1 - 1.5m.
- ADAPTABLE PLASTIC SEWER PIPES TO BE BSI KITEMARKED (CERTIFIED TO WIS 4-35-01 AND BS EN 13476). ADAPTABLE PLASTIC SEWER PIPES TO BE LAID IN MAXIMUM 3 METRE LENGTHS UNLESS THERE IS A SPECIFIC OPERATIONAL NEED TO LAY LONGER LENGTHS. PLASTIC CHANNEL SECTIONS IN MANHOLES ARE NOT ACCEPTABLE AND YORKSHIRE WATER WOULD REQUIRE CLAY WARE CHANNEL IN MANHOLES.
- THE MINIMUM CRUSHING STRENGTH FOR CLAY PIPES SHOULD BE AS FOLLOWS: 100mm DIA. 40kN/m. 150mm DIA. 40kN/m. 225mm DIA. 45kN/m AND 300mm DIA. 72kN/m. THE MINIMUM CRUSHING STRENGTH FOR CONCRETE PIPES SHOULD BE (CLASS 120 TO EN 1916/BS5911-1:2002). PLASTIC PIPES SHOULD CONFORM TO WIS 4-35-01 AND BS EN 13476.
- WHERE A B125 COVER AND FRAME HAS BEEN APPROVED, THIS MUST NOT BE COATED IN PLASTIC AND MUST HAVE LIFTING EYES SUITABLY SIZED TO ACCOMMODATE STANDARD LIFTING KEYS. SCREW DOWN COVERS ARE NOT ACCEPTABLE.
- THERE MUST BE ENOUGH CLEARANCE AT CROSSOVERS TO ACCOMMODATE BEDDING TO BOTH PIPES. APPROX. 300mm - IF CROSSOVER IS NEAR THE ROCKER THEN THE CLEARANCE NEEDED MAY NEED TO BE INCREASED.

PO2	UPDATED TO SUIT YORKSHIRE WATER COMMENTS	17.06.26	HD	SC	--
PO1	FIRST ISSUE	19.05.26	MJC	SC	--
Rev	Description	Date	By	Chk	App

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Project:	PROPOSED DEVELOPMENT AT LAND OFF WAREMILL GARDENS, PENISTONE				
Client:	MULGRAVE PROPERTY GROUP LTD				
Drawing:	SECTION 185 - DRAINAGE DIVERSION LONGSECTIONS				
Role:	CIVIL ENGINEER				
Drawing Status:	FOR APPROVAL				Suitability Code: S3
Job. no.	47480	Scale@ A1:	AS NOTED	Rev.	P02
Project	Originator	Zone	Level	Type	Role Number
MDL - AWP - ZZ - XX - DR - C - 3600					