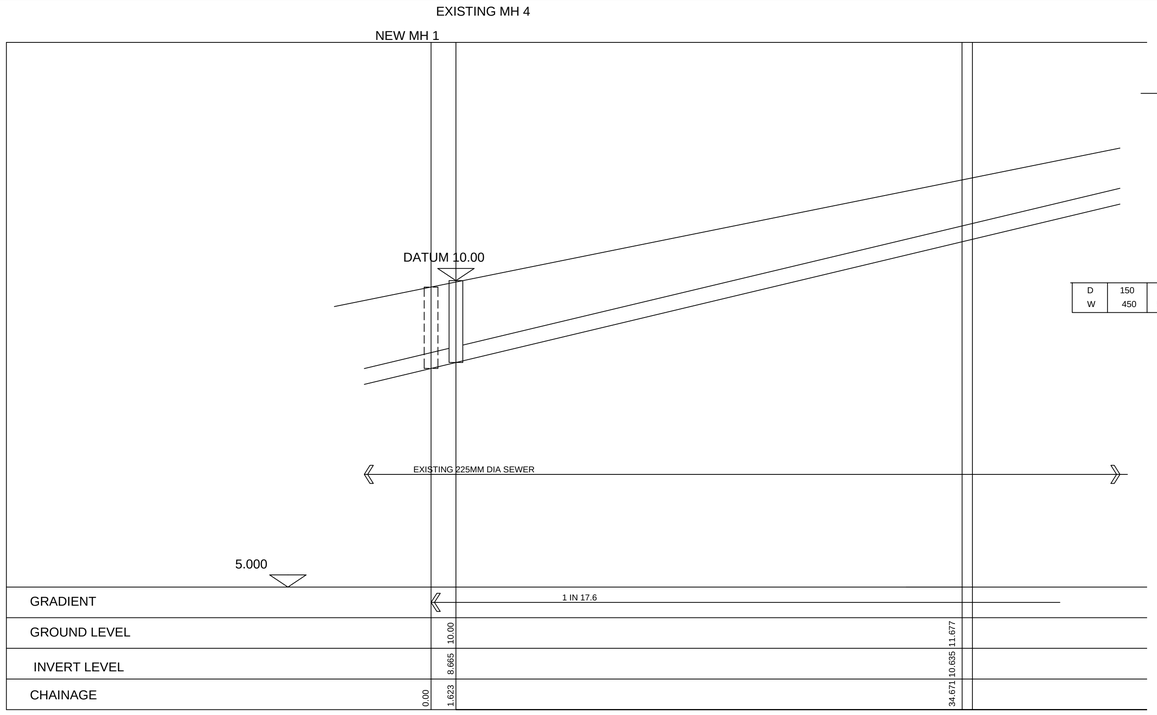
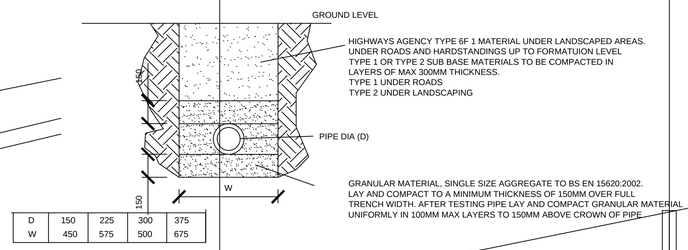


EXISTING SEWER LONG SECTION
SCALES 1:200 HORIZ & 1:50 VERT



D	150	225	300	375
W	450	575	500	675

TYPE S BEDDING DETAIL

NEW SEWER LONG SECTION
SCALES 1:200 HORIZ & 1:50 VERT



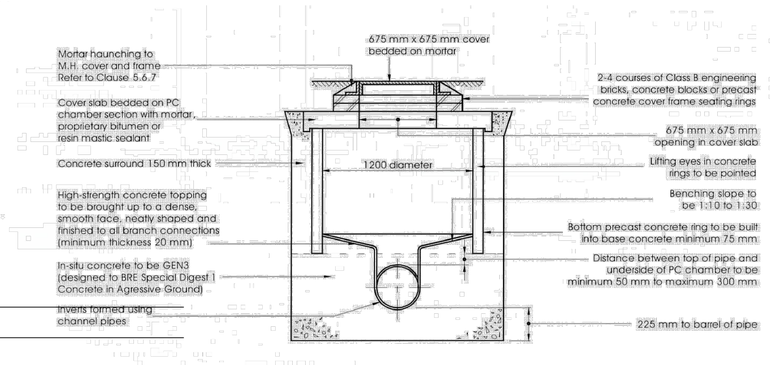
SITE PLAN
SCALE 1 : 200



LOCATION PLAN
SCALE 1 : 1250

M H REF	PIPE DIA	COVER LEVEL	INVERT LEVEL	DEPTH TO SOFFIT	SIZE	COVER TYPE	NOTES
MH 1	225MM	9.997	9.772	1.186	1200∅CONC	D 400	
MH 2	225MM	10.089	9.864	1.109	1200∅CONC	D 400	COVER AND FRAMES TO CONFORM TO ~~BS EN 124 AND COVER TYPE TO BE D400.~~ IT SHOULD BE 600X600MM. CLEAR OPENING INTO COVER SLAB SHOULD BE ~~600X600MM~~
MH 3	225MM	11.733	11.508	1.165	1200∅CONC	D 400	
MH 4	225MM	12.023	11.798	1.163	1200∅CONC	D 400	

1. ALL ADOPTABLE SEWER WORKS AND MATRERIALS TO BE IN ACCORDANCE WITH "SEWERS FOR ADOPTION" 6THEDITION, THE RELEVANT BRITISH/EUROPEAN AND YORKSHIRE WATER'S STANDARDS, REQUIREMENTS/ADDENDUM AND KITEMARKED"
2. MANNHOLES MUST /SHALL HAVE A CLEAR OPENING OF 600MM AND SHALL BE CLASS D400 TO BS EN 124 WITH 150MM DEEP FLANGES IN HIGHWAYS
3. WHERE A B125 COVER AND FRAME HAVE 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.
4. FILL GROUND MUST BE FILLED AND CONSOLIDATED UNDER THE SUPERVISION OAND TO THE SATISFACTION OF YORKSHIRE WATER BEFORE ANY NEW SEWER WORKS ARE CARRIED OUT
5.COVER SLABS MUST CARRY THE BSI KITEMARK OR WILL BE REJECTED BY YORKSHIRE WATER INSPECTOR. WHERE THE CLEAR OPENING OF THE KITE MARKED PRODUCT IS DIRRERENT TO THAT OF TYHE COVER AND FRAME, A LOADINGBEARING SLAB SHOULD BE FITTED OVER THE COVER SLAB TO BRING THE SIZE DOWN TO 600MM X600MM FOR THE YORKSHIRE WATER SPECIFIED COVER SIZE.
PLEASE REFER TO CONCRETE PIPE ASSOCIATION (CPA) 'TECHNICAL BULLETIN' ISSUE 2004 FOR KITEMARKED COVER SLAB OPENING SIZES
6. SULPHATE RESISTING CEMENT (C20-DC2) AND PRECAST CONCRETE PRODUCTS MUST BE USED OR LABORATORY REPORT PROVIDED PROVING THAT SUCH PRECAUTIONS ARE NOT NECESSARY.
7. THE ADOPTABLE SEWERS SHOULD BE A MINIMUM OF 1M AND MANHOLES 0.5M FROM KERB FACES AND SERVICE MARGINS.
8. SEWERS MUST HAVE 5M CLEARANCE FROM TREES AND HEDGES (PLEASE ALSO REFER TO FIGURE 2.3 ON PAGE 33 IN "SEWERS FOR ADOPTION" 6TH EDITION FOR RESTRICTIONS ON TREE PLANTING ADJACENT TO SEWERS.
9. SEWERS TO BE LAID IN CLASS "S" BEDDING (150MM GRANULARBED AND SURROUND). WHERE DEPTH OF COVER TO TOP OF THE SEWER IS LESS THAN 1.2M IN HIGHWAYS OR VERGES (OR LESS THAN 900MM IN NONE VEHICULAR ACCESS AREAS) WHERE A CONCRETE SLAB SHOULD BE PROVIDED ABOVE CONCRETE BED AND SURROUND.
10. BEDDING AND BACKFILL MATERIAL TO CONFORM TO THE REQUIREMENTS OF THE WATER INDUSTRY SPECIFICATION 4-08-02 (TABLE 2)
11.THE CHAMBER SIZE OF MANHOLES WITH MORE THAN 1 CONNECTION IN THEM MAY NEED TO BE INCREASED AN INCREMENT TO ACCOMMODATE THE CONNECTIONSAND BENDS.
12.YORKSHIRE WATER POLICY IS NOT TO ACCEPT TYPE C BRICK MANHOLES AND 1050 CONCRETE RINGS. INSTEAD IT IS PREFERRED THAT YOU USE TYPE "B" MANHOLE WITH 1200MM DIA OR 1500MM DIA RINGS, WITH THE OPENING SITED OVER THE CHANNEL WITH DEPTH OF COVER TO PIPE SOFFIT 1S 1-1.5M



MANHOLE TYPE E

White Agus PARTNERSHIP
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ARCHITECTURAL SERVICES AND SURVEYORS

Project. RESIDENTIAL DEVELOPMENTON LAND BETWEEN 90-100 FARM ROAD, KENDRAY BARNSLEY	Client. Ms JANICE ABEY
Drawing Title. SEWER DIVERSION	Date. JUNE 2017 / Scale. AS SHOWN Ref. 16-172 / Dwg. No. 02 / Rev. A

Date	Suffix	Description	Date	Suffix	Description
04-07-17	A	REVISED TO YWA REQUIREMENTS			