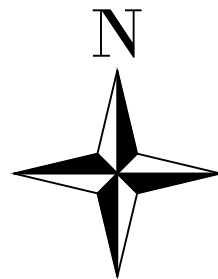


YW REF: H-3-264-041



- KEY**
- SITE BOUNDARY
  - EXISTING SW SEWER
  - EXISTING FW SEWER
  - PROPOSED SW
  - PROPOSED FW
  - PROPOSED FW RISING MAIN
  - PROPOSED PRIVATE SW
  - PROPOSED PRIVATE FW
  - PROPOSED SW LATERAL
  - PROPOSED FW LATERAL

Proposed connection to PROW.

KEY PLAN

PRELIMINARY

- YORKSHIRE WATER NOTES:**
- ALL ADAPTABLE SEWER WORKS AND MATERIAL TO BE IN ACCORDANCE WITH 'SEWERS FOR ADOPTION' 6TH EDITION. THE RELEVANT BRITISH STANDARD AND YORKSHIRE WATER'S STANDARDS REQUIREMENTS ADDENDUM TO THE MECHANICAL AND ELECTRICAL SPECIFICATION AND KITEMARKED.
  - MANHOLE COVERS SHALL 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 WORKING BE COMPLETED.
  - YORKSHIRE WATER IS NOT OBLIGED TO ACCEPT FILTER DRAINAGE DRAINAGE RUN-OFF INTO THE PUBLIC SEWER NETWORK OR ADAPTABLE DRAINAGE SYSTEM DIRECTLY OR INDIRECTLY IN A TERMINATING METHOD OF DISPOSAL OF THE LAND DRAINAGE RUN-OFF WILL THEREFORE BE REQUIRED AND YOU WILL HAVE TO LIASE WITH THE LOCAL AUTHORITY, LAND DRAINAGE SECTION WITH REGARD TO THE DISPOSAL OF THE FILTER DRAINAGE DRAINAGE RUN-OFF.
  - COVER SLABS MUST CARRY THE BS KITEMARK OR WILL BE REJECTED BY YORKSHIRE WATER INSPECTOR. WHERE THE CLEAR OPENING OF THE KITEMARKED PRODUCT IS DIFFERENT TO THAT OF THE COVER AND FRAME, A LOADING BEARING SLAB SHOULD BE FITTED ABOVE THE COVER SLAB TO BRING THE SIZE DOWN TO A MINIMUM 600MM FOR THE YORKSHIRE WATER SPECIFIED COVER SIZE. PLEASE REFER TO CONCRETE PIPE SYSTEMS ASSOCIATION (CPSA) 'TECHNICAL BULLETIN' ISSUED AUTUMN 2004 FOR KITEMARKED COVER SLAB OPENING SIZES.
  - SULPHATE RESISTANT CEMENT (20/20) AND PRECAST CONCRETE PRODUCTS MUST BE USED OR A LABORATORY REPORT PROVIDED PROVING THAT SUCH PRECAUTIONS ARE NOT NECESSARY.
  - THE ADAPTABLE SEWERS SHOULD BE A MINIMUM OF 1M AND MANHOLES 2.5M FROM KERB FACES AND SERVICE MARGINS.
  - 'SEWERS MUST HAVE 5 METRES 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)'
  - SEWERS TO BE Laid IN CLASS 3 BEDDING (150MM GRANULAR BED AND SURROUND), WHERE DEPTH OF COVER TO TOP OF THE SEWER IS LESS THAN 1.2M IN HIGHWAYS AND VERTICES OR LESS THAN 600MM IN HOME VEHICULAR ACCESS 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 438-02 (TABLE A2).
  - THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION IN THEM MAY NEED TO BE INCREASED AN INCREMENT TO ACCOMMODATE THE CONNECTIONS AND BEDS.
  - YORKSHIRE WATER POLICY IS NOT TO ACCEPT TYPE 'C' BRICK MANHOLES AND 150MM DIA MANHOLE RINGS. INSTEAD IT IS PREFERRED THAT YOU USE A TYPE 'B' MANHOLE WITH 150MM DIA OR 100MM DIA BRICK MANHOLES, WITH THE OPENING SIZES OVER THE CHANNEL, WHERE DEPTH OF COVER TO PIPE SOFFIT IS 1 - 1.5M.
  - WHERE A RISE COVER AND FRAME HAS BEEN APPROVED, THIS MUST NOT BE COATED IN PLASTIC AND MUST HAVE LIFTING EYES SUITABLE SIZES TO ACCOMMODATE STANDARD LIFTING KEYS. SCREW DOWN COVERS ARE NOT ACCEPTABLE.
  - WHERE DRIVEWAYS FALL TOWARDS THE HIGHWAY DRAINAGE CHANNELS ARE TO BE SET 1.5m BACK FROM DRIVEWAYS.
- GENERAL NOTES:**
- THE DRAWING IS BASED ON PLANNING LAYOUT DRAWINGS 17-06-02 AND HAYDOCK AND TIDY TOPOGRAPHICAL SURVEY DRAWING 5886-03.
  - ALL CONNECTIONS TO PROPOSED PUBLIC TO BE A MINIMUM 1500.
  - THIS DRAWING IS FOR INFORMATION ONLY.
  - FOUL PRIVATE DRAINAGE IS 1000 AT THE REQUEST OF KEEPMOAT HOMES.

|     |                            |       |             |                  |          |
|-----|----------------------------|-------|-------------|------------------|----------|
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|     |                            |       |             |                  |          |
| P14 | CHANNEL LOCATIONS UPDATED  | AW    | NT          | VB               | 09.03.20 |
| P13 | UPDATED TO SUIT NEW LAYOUT | JS    | NT          | VB               | 29.02.20 |
| No. | Revision                   | Drawn | Job Manager | Project Director | Date     |

**Drawing Revisions**

Note: \* indicates signatures on original issue of drawing or last revision of drawing

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Client **KEEPMOAT HOMES**

Project **CARLTON ROAD  
BARNSELY**

Title **PLOT DRAINAGE  
SHEET 4 OF 4**

Scale **DO NOT SCALE**

Drawn DC Designer DC

Drafting Check NT Design Check NT

Approved (Project Director)  
Date  
This Drawing must not be used for Construction unless signed as Approved

Drawing No. **44-12501429-023**  
Original Size **A1**  
Rev. **P14**