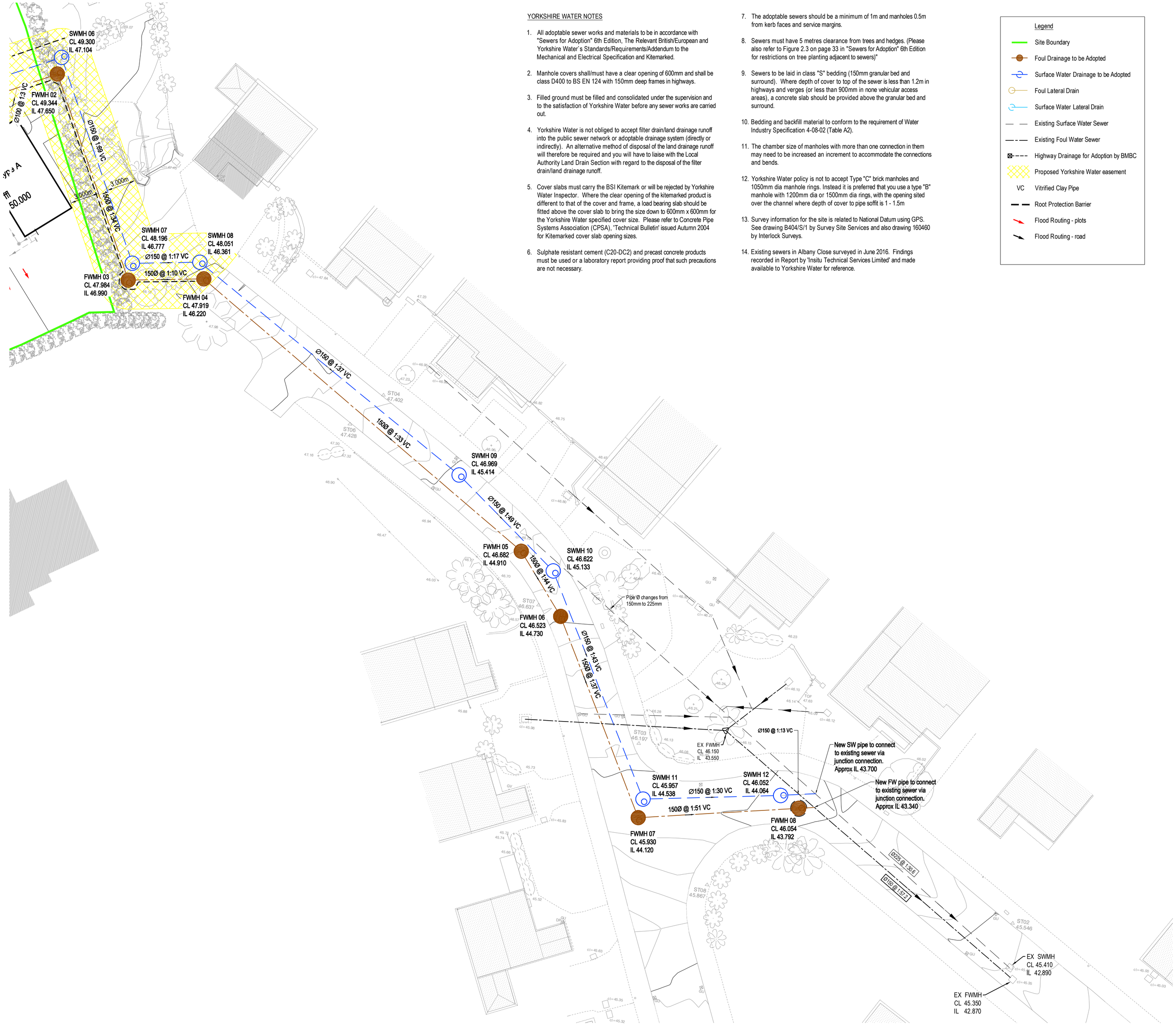
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For proposed on site adopted drainage, see drawing B20556-203



OFF SITE SEWER PLAN
Scale 1:200

YORKSHIRE WATER NOTES

1. All adoptable sewer works and materials to be in accordance with "Sewers for Adoption" 6th Edition, The Relevant British/European and Yorkshire Water's Standards/Requirements/Addendum to the Mechanical and Electrical Specification and Kitemarked.
2. 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.
3. Filled ground must be filled and consolidated under the supervision and to the satisfaction of Yorkshire Water before any sewer works are carried out.
4. Yorkshire Water is not obliged to accept filter drain/land drainage runoff into the public sewer network or adoptable drainage system (directly or indirectly). An alternative method of disposal of the land drainage runoff will therefore be required and you will have to liaise with the Local Authority Land Drain Section with regard to the disposal of the filter drain/land drainage runoff.
5. Cover slabs must carry the BSI 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 load bearing slab should be fitted above the cover slab to bring the size down to 600mm x 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.
6. Sulphate resistant cement (C20-DC2) and precast concrete products must be used or a laboratory report providing proof 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 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)"
9. 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 none vehicular access areas), a concrete slab should be provided above the granular bed and surround.
10. Bedding and backfill material to conform to the requirement of Water Industry Specification 4-08-02 (Table A2).
11. The chamber size of manholes with more than one connection in them may need to be increased an increment to accommodate the connections and bends.
12. Yorkshire Water policy is not to accept Type "C" brick manholes and 1050mm dia manhole rings. Instead it is preferred that you use a type "B" manhole with 1200mm dia or 1500mm dia rings, with the opening sited over the channel where depth of cover to pipe soffit is 1 - 1.5m
13. Survey information for the site is related to National Datum using GPS. See drawing B404/S/1 by Survey Site Services and also drawing 160460 by Interlock Surveys.
14. Existing sewers in Albany Close surveyed in June 2016. Findings recorded in Report by 'Insitu Technical Services Limited' and made available to Yorkshire Water for reference.

Legend

- Site Boundary
- Foul Drainage to be Adopted
- Surface Water Drainage to be Adopted
- Foul Lateral Drain
- Surface Water Lateral Drain
- Existing Surface Water Sewer
- Existing Foul Water Sewer
- Highway Drainage for Adoption by BMBC
- Proposed Yorkshire Water easement
- VC Vitrified Clay Pipe
- Root Protection Barrier
- Flood Routing - plots
- Flood Routing - road

Notes:-

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Health and Safety Note:
The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.

HAZARD IDENTIFICATION BOX		
This table is provided to assist the Principal Contractor to fulfil their obligations under the CDM Regulations 2015		
Construction Hazard	Maintenance / Cleaning Hazard	Demolition / Adaption Hazard

All levels of existing sewers to be confirmed prior to works commencing

Location of services within Albany Close to be identified prior to works commencing.

Rev.	Date	Amendment	By	Chk.

Status: For Approval

john newton & partners
jnpgroup Consulting Engineers
www.jnpgroup.co.uk
Chesham • **Brighouse** • Leamington Spa • Sheffield • Teesside
Tel: 01484 400691 E-mail: brighouse@jnpgroup.co.uk

Client	ASHMOUNT HOMES
Job	LAND OFF WOMBWELL LANE, BARNSLEY, S70 3NR
Title	SEWER PLAN OFF SITE
Scale	1:200 @ A1
Date	NOVEMBER 2016
Drawn By	CPY
Eng. Check	
Tech. Check	

Accredited Contractor Reg: 66479 Supplier No. 0000029

Drawing No.	Rev.
B20556-204	-