

## GENERAL SEWER NOTES (October 2026 version)

1. Land to be serviced:
2. All levels are to A.H.D. level datum.
3. The Supervising Consulting Engineer shall be familiar with the purpose and requirements of all Wannon Water Land Development Manual (LDM) forms.
4. All forms referred to in these notes shall be submitted to Wannon Water by Supervising Consulting Engineer.
5. The supervising Consulting Engineer shall supervise all the works which are endorsed on these drawings and shall submit all required forms to Wannon Water.
6. All construction and design issues shall be resolved by the Supervising Consulting Engineer.

### ENTRY TO PRIVATE PROPERTY

7. Endorsed design plans do not give the right to access neighbouring land without the permission of the landowner. Entry onto land without the permission of the landowner is trespass. Should the neighbouring landowner deny permission to enter the land and carry out works, you must contact a Wannon Water Development Services Officer to arrange entry to the property under the Water Act.

### COMMENCEMENT OF WORKS

8. For excavations 1.5m deep or deeper, the construction contractor shall submit a "Notice of Intention to Commence Excavation Operations in Trenches, Shafts and Tunnels" form to WorkSafe. This shall be done 3 days prior to commencing any excavations. The consulting engineer shall satisfy themselves that this requirement has been met prior to effected works commencing and provide a copy of submission to Wannon Water.
9. Only plans marked as endorsed by Wannon Water shall be used for construction purposes and shall be obtained from the Supervising Consulting Engineer.
10. Prior to commencing construction, contractor shall have a current set of relevant Wannon Water standard drawings on site. Current drawings can be downloaded from the Wannon Water website.
11. The consulting supervising engineer shall submit FORM 25 "Notice By Consulting Engineer for The Commencement Of Works" a minimum of 5 full working days prior to works commencing to allow Wannon Water time to arrange discretionary construction audits. **WARNING:** Any works undertaken without meeting will be the subject of a non-conformance report.

## EXISTING SERVICES

12. All other service authorities shall be contacted for locations of existing services prior to work commencing.
13. The contractor must verify all dimensions and actual locations of services affecting the alignment of the proposed sewer prior to commencing construction.
14. Minimum clearances to services shall not be less than specified in Wannon Water's supplement to the MRWA V1 of WSA 02-2002-2.3 Table 4.4.5.2 without explicit permission of Wannon Water.

## MATERIALS

15. Where pipes are DN225 or less; pipes shall be SN8 uPVC with solvent cement joints (SCJ) Rubber Ring Jointed pipework on pipes of DN225 or less will not be accepted. Where pipes are DN300 or greater; pipes shall be as shown on approved drawings.
16. All pipes and fittings shall be audited by supervising consulting civil engineer prior to works commencing. Wannon Water may undertake random audits and request documentary evidence that this requirement has been met.

## CONSTRUCTION

17. Offsets from property boundaries shall be 1m unless noted otherwise. Minimum cover above proposed sewer main to be 600mm in footway, 800mm in roadway, or as shown.
18. At completion of each day's work, fit exclusion caps or insert gas isolation plugs into the end of laid pipes to reduce ingress of foreign matter into pipes.
19. Any costs incurred by Wannon Water for cleaning of downstream sewers due to poor construction practices will be recharged to the developer.

## EXCAVATION & EMBEDMENT

20. All excavations, shoring, pipes, fittings and materials required for the works are to be provided by contractor.
21. For excavation and pipe embedment details refer to Wannon Water's Trench & Backfill standard drawing WW-SD-S002.
22. All works shall use bedding materials that conform to one of the following WSAA specifications:
  - a. WSA PS-350 Compaction Sand for Pipe Embedment
  - b. WSA PS-351 Processed Aggregates for Pipe Embedment - The following size aggregates specified in WSA PS-351 are

approved for use:

- i. 14mm Graded aggregate
- ii. 5mm Single-size aggregate
- iii. 7mm Single-size aggregate
- iv. 10mm Single-size aggregate
- c. WSA PS-359 7mm Processed Aggregate for Pipe Embedment
- d. WSA PS-361 Embedment / 5 mm Minus Sand
- e. WSA PS-362 Well Graded Crushed Rock for Pipe Embedment

## CONNECTIONS

23. A "FORM 45 SEWER Request To Connect To Reticulation Network" form shall be lodged with Wannon Water by supervising consulting engineer in accordance with timeframes specified on that form. **WARNING:** Any works undertaken without submitting this form may not be accepted.

24. All connections to Wannon Water sewerage infrastructure will require replacement of a pipe section or manhole unless those assets are deemed to be acceptable to remain insitu by a Wannon Water.

25. Wannon Water Network Operations staff shall be contacted on 1300 926 666 prior to any connection works occurring.

26. Wannon Water Network Operations staff shall inspect and assess the condition of the existing infrastructure prior to granting approval for connection. Any works undertaken without meeting this requirement will be rejected and all rectification costs borne by the developer. All excavations, shoring, pipes, fittings and materials required for the works are to be provided by contractor.

27. Any structures (sewerage or otherwise) which are proposed to be altered, constructed or removed and/or soil cut/filled either on, over or beside any existing Wannon Water infrastructure prior to Wannon Water Network Operations inspecting and assessing the condition of the existing infrastructure and granting approval will be rejected. This includes forming of manhole bases, thrust blocks, retaining walls and the like.

28. Where required, gas isolation plugs are to be supplied by the contractor.

29. Submit request to install gas isolation plug on Form 45. Gas isolation plugs shall either be installed or their installation witnessed by Wannon Water staff where new connections are provided onto "live" sewers.

30. Submit request to form a new manhole base over existing pipe on Form 45.
31. The supervising consulting engineer shall satisfy themselves that all required compliance testing has been successfully completed and that compliance forms are forwarded to Wannon Water prior to connecting and making live new pipework to existing sewers.
32. Wannon Water employees will connect or, at their discretion, supervise the connection of new assets to the reticulation system. The contractor is to expose the sewer and make safe excavations to enable Wannon Water staff to install connections. **UNSAFE WORK SITES WILL NOT BE ENTERED AND SHALL BE REPORTED TO WORKSAFE.**
33. All excavations, shoring, pipes, gas plugs, fittings and materials required for the works are to be provided by contractor.
34. Existing mortar jointed earthenware or vitreous clay property branches shall be inspected by CCTV and footage and assessed by Wannon Water to determine acceptability for reuse in accordance with the Building and Plumbing Commissions 'Plumbing Practice Note' Drainage DR 03 Property Sewer Drains.
35. A minimum of two clear working days' notice is required for cancellation of Form 45 connection requests. Insufficient notice is subject to payment of a rebooking fee prior to attendance by Wannon Water staff.

#### RECORDING OF AS-CONSTRUCTED INFORMATION

36. The supervising consulting engineer is responsible for capture, provision and accuracy of as constructed information in accordance with the relevant A-spec specification.
37. At completion of the works, the site shall be free of all building materials/construction debris and spoil relating to works endorsed by Wannon Water.
38. Where CCTV inspection of new construction is required, the supervising Consulting Engineer shall engage the CCTV contractor in accordance with the requirements of the CCTV Specification current at that time.
39. Compliance testing shall meet the requirements of the Land Development Manual. Compliance testing is to include, but is not limited to, air pressure testing, vacuum testing, ovality testing (works of 50m or less total length), LASER profiling (typically works of more than 50m total length or as required by Wannon Water) and CCTV inspection in accordance with the Wannon Water CCTV specification which is current at the time of inspection.