

Diagram illustrating a single oblique junction. Key dimensions and components labeled include:

- Single Oblique junction
- 150mm dia from Plot
- 150mm dia from F3
- 325mm min benching
- 150mm Ø 15° bend
- 600mm min benching
- Step Rungs
- 150mm dia to F1
- 600mmx600mm Cover Location

Diagram illustrating a single oblique junction with the following dimensions and components:

- 150mm dia from F4
- 150mm $\varnothing$ 30° bend
- 150mm dia from Plot
- 600mm min benching
- Step Rungs
- 600mmx600mm Cover Location
- 150mm dia to F2
- 325mm min benching
- Single Oblique junction

Diagram illustrating a circular cover design with a single oblique junction. The cover is divided into two main sections by a diagonal line. The top section is labeled "Single Oblique junction" and "325mm min benching". The bottom section is labeled "600mm min benching". The cover has a diameter of 1500mm, indicated by "1500mm Ø 30° bend". The cover is divided into two main sections by a diagonal line. The top section is labeled "Single Oblique junction" and "325mm min benching". The bottom section is labeled "600mm min benching". The cover has a diameter of 1500mm, indicated by "1500mm Ø 30° bend". The cover is divided into two main sections by a diagonal line. The top section is labeled "Single Oblique junction" and "325mm min benching". The bottom section is labeled "600mm min benching". The cover has a diameter of 1500mm, indicated by "1500mm Ø 30° bend".

Diagram illustrating a 30° bend in a 150mm diameter pipe. The bend is labeled "150mm Ø 30° bend". The pipe has a "325mm min benching" section. The bend is located "150mm dia from F9" and "150mm dia to E7". The bend is also labeled "600mmx600mm Cover Location" and "Step Rungs". The bend is also labeled "600mm min benching".

1. All works shall be in accordance with Sewers for Adoption 6th Edition and United Utilities Standard Details and Guidelines.
2. Step Rungs shall be used at 300mm Centres.
3. Manholes shall be to Standard Detail STND/01/001. Ladders, Safety chains and Handrailing shall be to Standard Detail STND/01/002. Back-drops shall be to Standard Detail STND/01/003.
4. Co-ordinates are to the Pipe centre-line, not the centre of Manhole.
5. 150mm min concrete surround required for all adopted Manholes.
6. Rocker pipes shall be provided in accordance with United Utilities Standard Details.