

| Steel / Ductile Iron Pipes PN16 to seal at 16barg |   |       |       |       |       |       |
|---|---|-------|-------|-------|-------|-------|
| Gasket Specification                              | DN100   | DN300 | DN600 | DN700 | DN800 | DN900 |
| Torque setting (Nm)                               | 49  | 160   | 480   | 467   | 534   | 600   |
| C.O.F.  | 0.120   |       |       |       |       |       |
| Torque sequence                                   | As per Drg: 40018-001-DWG-CST-G02-001<br>Bolt Specification Grade 4.6 |       |       |       |       |       |

- LEGEND:**
- PLANNING BOUNDARY
  - WORKING BOUNDARY
  - WATERCOURSE
  - PROPOSED PIPE ROUTE
  - PUBLIC RIGHT OF WAYS
  - TREE
  - L.V.
  - A.V.
  - W.O.
  - SETTING OUT POINT
  - ELECTRIC POLE
  - HAZARD IDENTIFIER
  - CLAY STANK

- EXISTING SERVICES:**
- W WATER MAIN
  - SSE SEWER MAIN
  - HV ELECTRIC-HV
  - HV OVERHEAD ELECTRIC-HV OVERHEAD
  - LV ELECTRIC-LV
  - LV OVERHEAD ELECTRIC-LV OVERHEAD
  - E ELECTRIC LINE
  - BTR BT UNDERGROUND
  - T BT OVERHEAD
  - VM BT-VIRGIN MEDIA
  - LPG GAS-LOW PRESSURE
  - MPG GAS-MEDIUM PRESSURE
  - SWS STORM WATER MAIN
  - SL STREET LIGHT CABLE
  - GAS WORKING SAFETY ZONE
  - POWER LINE SAFETY ZONE

**REFERENCE:**  
SZ14-T15A-PR1-M3-001-DWG-CST-G04-034: GENERAL NOTES / REFERENCES  
40018-001-DWG-CST-G02-001: FLANGE MANAGEMENT DRAWING



**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

**CONSTRUCTION**  
REFER DRA DOCUMENT NO. 40018\_001\_DOC\_C01\_001.

**MAINTENANCE/CLEANING**  
REFER DRA DOCUMENT NO. 40018\_001\_DOC\_C01\_001.

**DECOMMISSIONING/DEMOLITION**  
REFER DRA DOCUMENT NO. 40018\_001\_DOC\_C01\_001.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

**PLAN**  
SCALE 1:1000

(\*) - DENOTES SURVEY REQUIRED. REFER TO NOTE 4 FROM GENERAL NOTES.

**WHORLEY TO SHILDON SETTING OUT POINTS**

| CHAINAGE (m) | EASTING    | NORTHING   |
|--------------|------------|------------|
| 11520        | 418502.556 | 523889.564 |
| 11560        | 418513.117 | 523928.145 |
| 11600        | 418523.678 | 523966.725 |
| 11640        | 418534.239 | 524005.306 |
| 11680        | 418544.800 | 524043.886 |
| 11720        | 418555.361 | 524082.467 |
| 11760        | 418565.922 | 524121.048 |
| 11800        | 418576.484 | 524159.628 |
| 11840        | 418587.045 | 524198.209 |
| 11880        | 418597.606 | 524236.789 |
| 11920        | 418606.680 | 524275.374 |
| 11960        | 418615.138 | 524314.830 |
| 12000        | 418623.595 | 524353.925 |

**HORIZONTAL BEND**

| SOP NO. | EASTING    | NORTHING   |
|---------|------------|------------|
| WS-H039 | 418600.702 | 524248.100 |

**VERTICAL BEND**

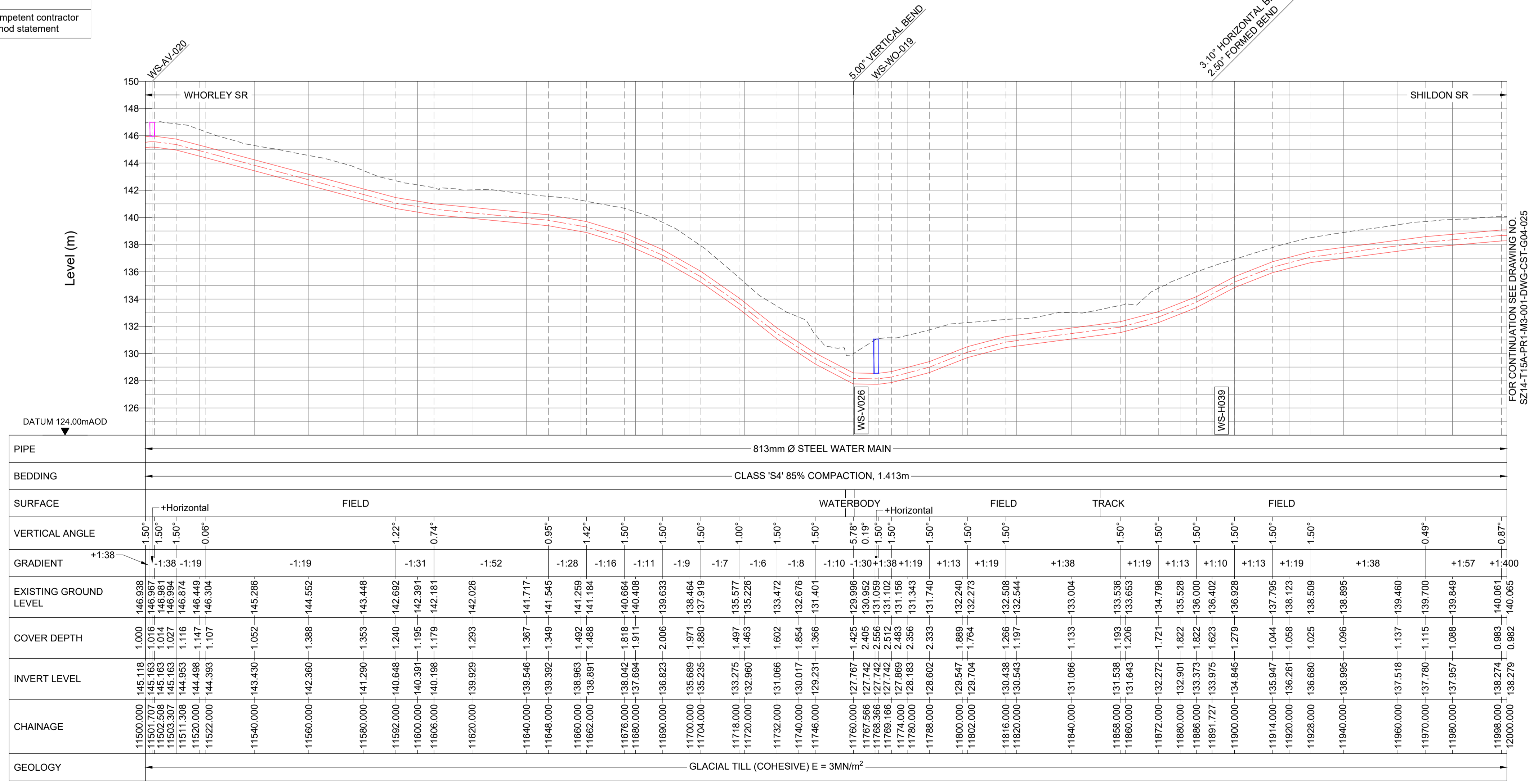
| SOP NO. | EASTING    | NORTHING   |
|---------|------------|------------|
| WS-V026 | 418565.922 | 524121.048 |

**AIRVALVE**

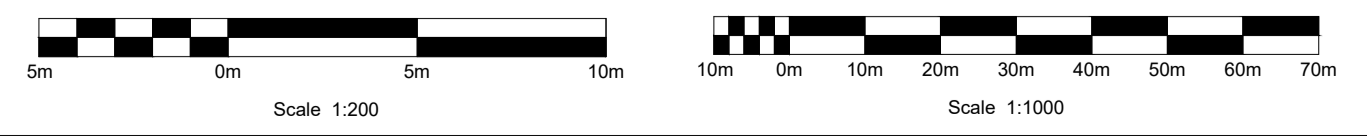
| SOP NO.   | EASTING    | NORTHING   |
|-----------|------------|------------|
| WS-AV-020 | 418497.937 | 523872.692 |

**WASHOUT**

| SOP NO.   | EASTING    | NORTHING   |
|-----------|------------|------------|
| WS-WO-019 | 418568.131 | 524129.116 |



**LONGITUDINAL SECTION**  
HORIZONTAL SCALE 1:1000 VERTICAL SCALE 1:200



**Drawing Status:** FOR REVIEW BY LEAD APPOINTED PARTY

**Suitability:** S4

| Rev. | Description | Date       | Drawn | Chk'd | App'd |
|------|-------------|------------|-------|-------|-------|
| P06  | FOR REVIEW  | 17.11.2023 | AJ    | RH    | SK    |
| P05  | FOR REVIEW  | 10.10.2023 | AJ    | RH    | SK    |
| P04  | FOR REVIEW  | 18.09.2023 | AJ    | RH    | SK    |
| P03  | FOR REVIEW  | 26.07.2023 | AJ    | RH    | SK    |
| P02  | FOR REVIEW  | 30.06.2023 | AJ    | RH    | SK    |

**Note:-**  
IF THIS DRAWING IS FOUND TO BE IN ANY WAY INACCURATE, PLEASE ADVISE THE RECORD OFFICE IMMEDIATELY AND COMPLETE AN AMENDMENT FORM.



**CONTRACTOR:** FARRANS  
**REF. NO.:** WN019/0205-4.11  
**I.D. PROJECT NO.:** WN019/0205

**Drawing Title:**  
TEES STRATEGIC TRANSFER MAIN  
WHORLEY SR TO SHILDON SR  
PLAN AND LONGITUDINAL SECTION

**Dwg No:**  
SZ14-T15A-PR1-M3-001-DWG-CST-G04-024

| Sheet:   | Date:      | Sheet: | Scale:   | Rev No: |
|----------|------------|--------|----------|---------|
| 24 OF 33 | 17.11.2023 | A1     | AS SHOWN | P06     |