

	DN100	DN300	DN600	DN700	DN900
Steel / Ductile Iron Pipes PN16 to seal at 16barg					
Gasket Specification	Rubber encased steel core (Type G-S-S)				
Torque setting (Nm)	49	160	480	467	534
C.O.F.	0.120				
Torque sequence	As per Drg: 40018-001-DWG-CST-G02-001 Bolt Specification Grade 4.6				

**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

**FARRANS** A CBM COMPANY | **ATKINS** Member of the SNC-Lavalin Group | **Atkins Limited** Chadwick House, Birchwood Park, Warrington, WA3 6AE Direct: 01925 238319

**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:**

- WATER MAIN
- SEWER MAIN
- ELECTRIC-HV
- ELECTRIC-HV OVERHEAD
- ELECTRIC-LV
- ELECTRIC-LV OVERHEAD
- ELECTRIC LINE
- BT UNDERGROUND
- BT OVERHEAD
- BT-VIRGIN MEDIA
- GAS-LOW PRESSURE
- GAS-MEDIUM PRESSURE
- STORM WATER MAIN
- 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

HORIZONTAL BEND		
SOP NO.	EASTING	NORTHING
WS-H005	414134.041	517104.267
WS-H006	414282.063	517168.523
WS-H007	414331.088	517203.386
WL-H005	414135.061	517101.439
WL-H006	414283.545	517165.896
WL-H007	414332.391	517200.631

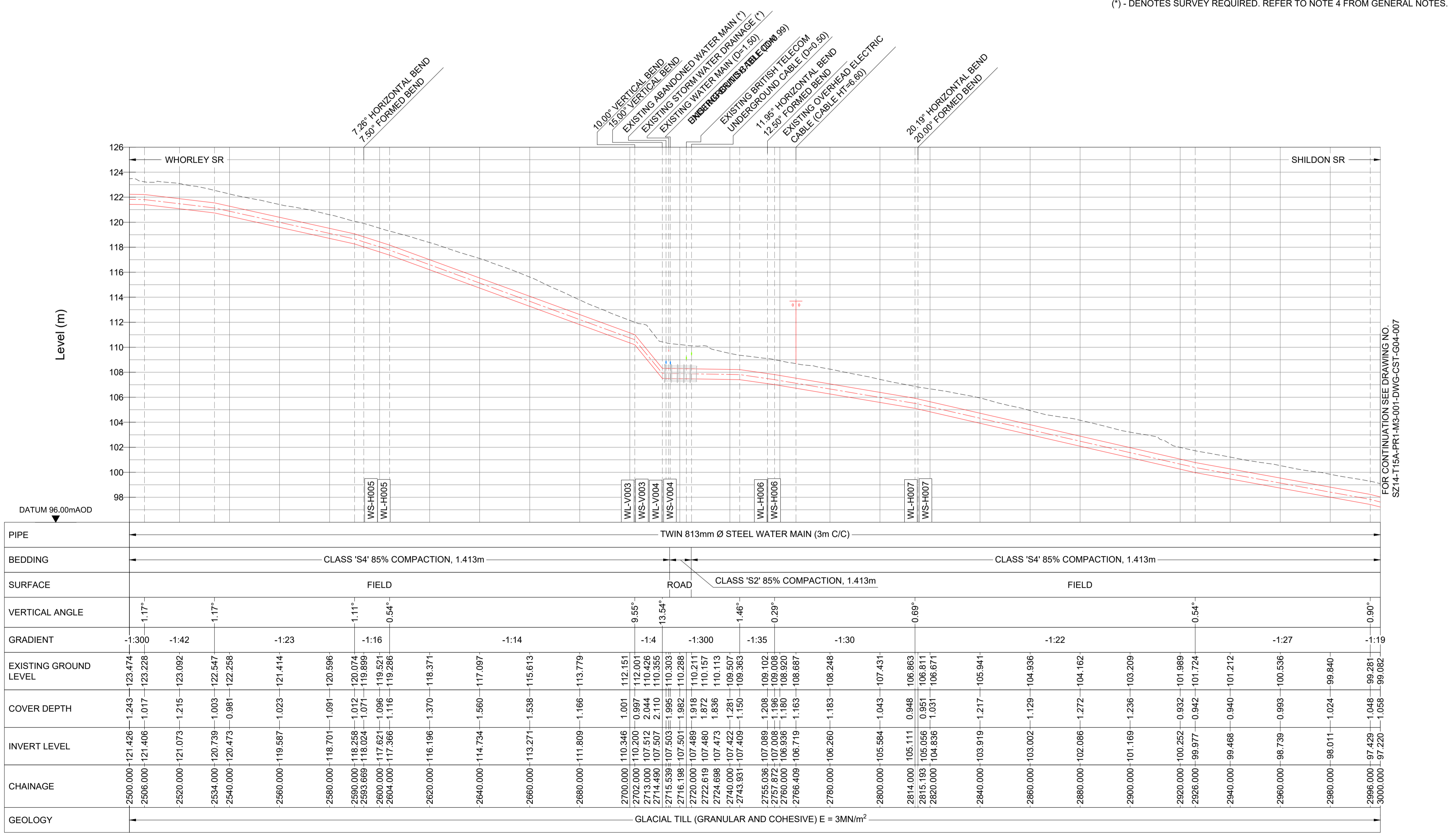
VERTICAL BEND		
SOP NO.	EASTING	NORTHING
WS-V003	414233.413	517147.404
WS-V004	414243.503	517151.784
WL-V003	414234.607	517144.652
WL-V004	414244.697	517149.033

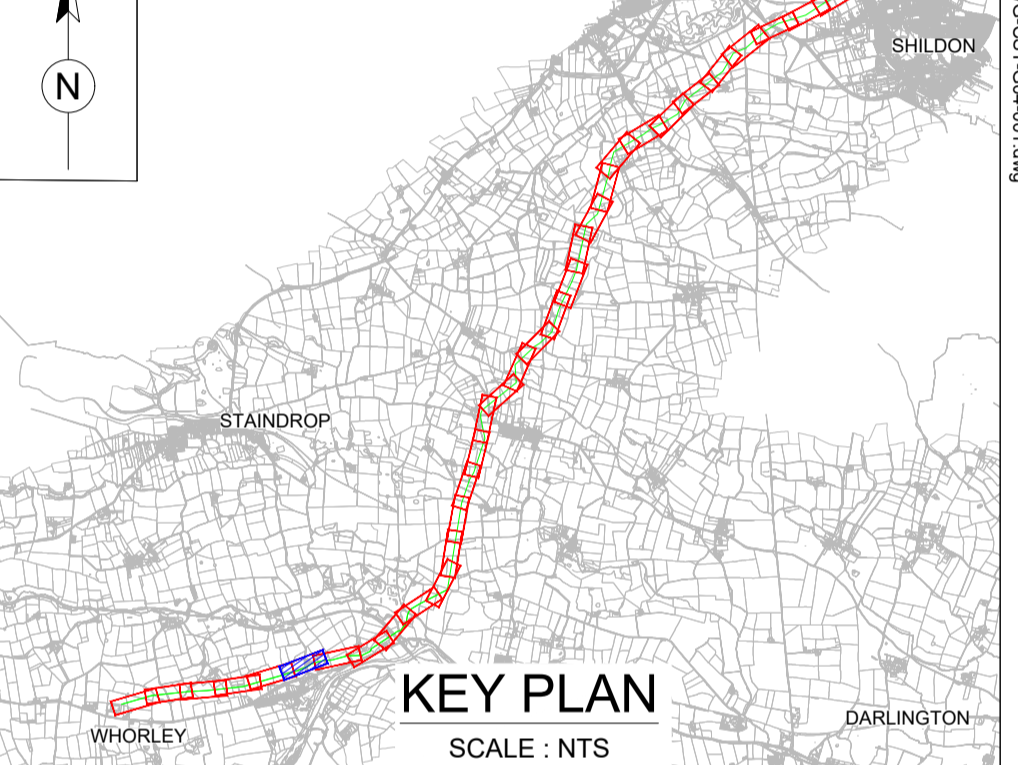
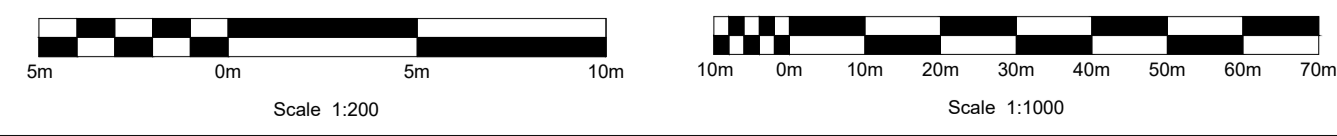
WHORLEY TO SHILDON SETTING OUT POINTS		
CHAINAGE (m)	EASTING	NORTHING
2520	414063.298	517083.709
2560	414101.709	517094.871
2600	414139.848	517106.788
2640	414176.540	517122.716
2680	414213.232	517138.644
2720	414249.924	517154.572
2760	414286.108	517171.400
2800	414318.706	517194.581
2840	414355.024	517209.902
2880	414393.619	517220.408
2920	414432.215	517230.915
2960	414470.810	517241.421
3000	414509.406	517251.928

WHORLEY TO LONG NEWTON SETTING OUT POINTS		
CHAINAGE (m)	EASTING	NORTHING
2520	414064.137	517080.828
2560	414102.548	517091.991
2600	414140.695	517103.885
2640	414177.387	517119.813
2680	414214.079	517135.741
2720	414250.770	517151.669
2760	414287.025	517168.371
2800	414319.624	517191.552
2840	414355.870	517207.023
2880	414394.466	517217.529
2920	414433.061	517228.036
2960	414471.657	517238.542
3000	414510.252	517249.049



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



**KEY PLAN**  
 SCALE: NTS

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

**Suitability:** S4

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-G04-006

Sheet:	Date:	Sheet:	Scale:	Rev No:
6 OF 33	17.11.2023	A1	AS SHOWN	P06