

PLAN
SCALE 1:1000

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 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
- WATER COURSE
- 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:

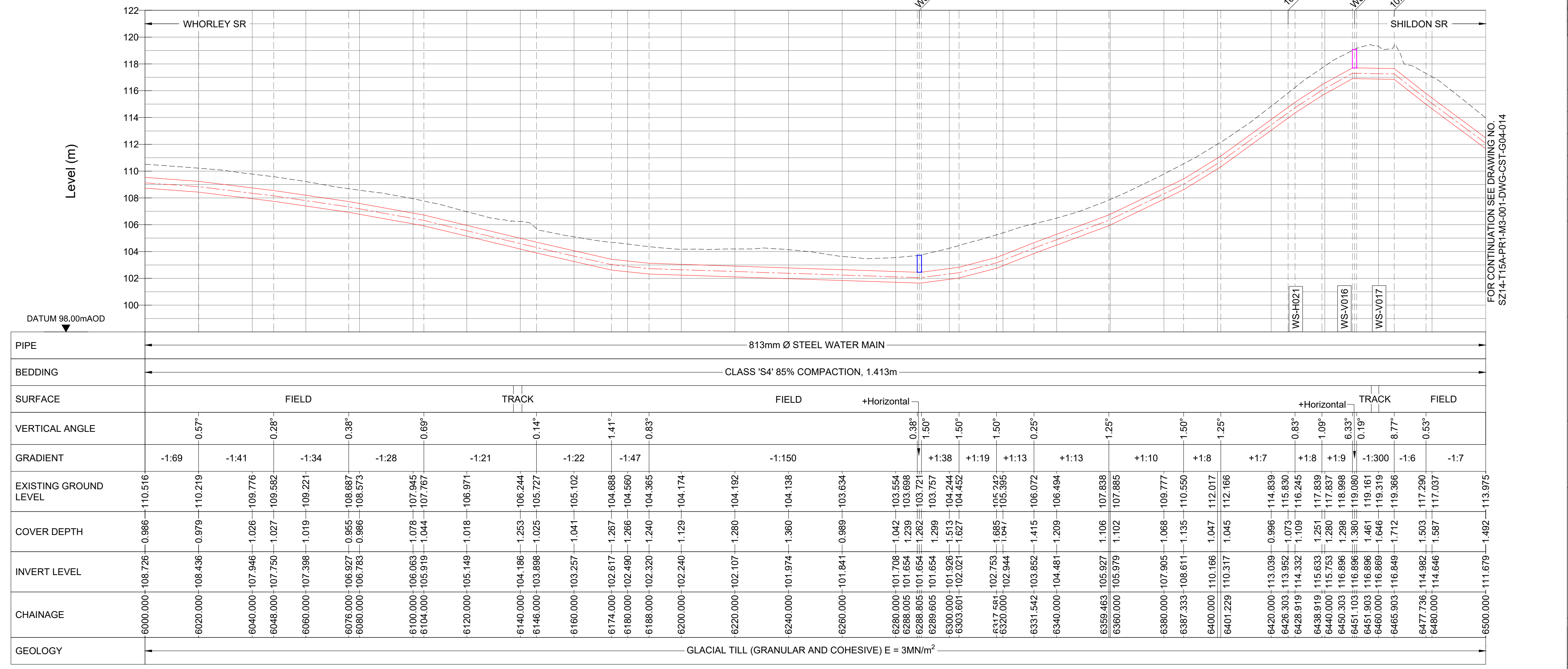
- WATER MAIN
- SEWER MAIN
- ELECTRIC-HV
- ELECTRIC-HV OVERHEAD
- ELECTRIC-LV
- ELECTRIC-LV OVERHEAD
- ELECTRIC LINE
- BT UNDERGROUND
- BT OVERHEAD
- BT-VIRGIN MEDIA
- GAS-LOW PRESSURE
- GAS-MEDIUM PRESSURE
- STORM WATER MAIN
- STREET LIGHT CABLE
- GAS WORKING SAFETY ZONE
- POWER LINE SAFETY ZONE

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



KEY PLAN
SCALE : NTS

WHORLEY TO SHILDON SETTING OUT POINTS		
CHAINAGE (m)	EASTING	NORTHING
6000	416418.773	519084.156
6040	416425.264	519123.626
6080	416431.755	519163.096
6120	416438.246	519202.566
6160	416444.737	519242.035
6200	416451.229	519281.505
6240	416457.720	519320.975
6280	416464.211	519360.445
6320	416470.702	519399.915
6360	416477.193	519439.384
6400	416483.684	519478.854
6440	416492.263	519517.810
6480	416504.850	519555.778



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

HORIZONTAL BEND		
SOP NO.	EASTING	NORTHING
WS-H021	416487.953	519504.809

VERTICAL BEND		
SOP NO.	EASTING	NORTHING
WS-V016	416495.505	519527.589
WS-V017	416500.414	519542.397

WASHOUT		
SOP NO.	EASTING	NORTHING
WS-WO-09	416465.640	519369.133

AIRVALVE		
SOP NO.	EASTING	NORTHING
WS-AV-011	416495.757	519528.348

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

Rev.	Description	Date	Drawn	Chk'd	App'd

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-G04-013

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