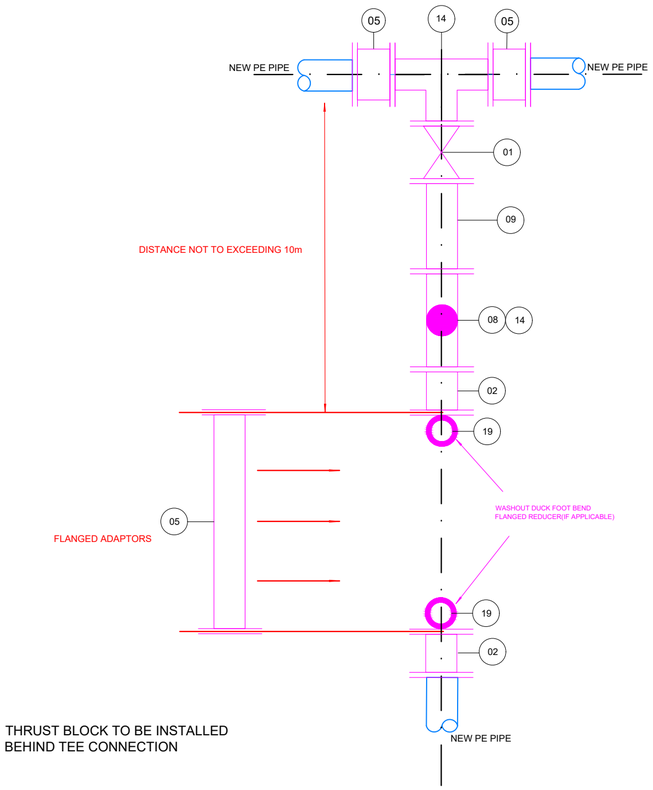
"TWO" TEMPORARY FITTINGS-OPTION "A"

SCENARIO:WHEN EXISTING MAIN IS WITHIN THE CARRIAGEWAY AND SITE BOUNDARY IS UP TO 10m AWAY FROM TEE CONNECTION



SCHEDULE OF PIPES AND FITTINGS		
MK	DESCRIPTION	
01	SLUICE VALVE	1
02	PE STUB FLANGE	2
05	FLANGED ADAPTOR	4
08	WASHOUT OR HYDRANT	1
09	FLANGED EXTENSION PIECE	1
14	ALL FLANGED TEE	2
16	FLANGED REDUCER (IF REQUIRED)	IF REQUIRED
19	TEMPORARY FITTING	2

GUIDANCE NOTES

A. THIS DRAWING DETAILS BEST PRACTICE AND SHALL BE ADHERED TO WHERE EVER PRACTICABLE.DEROGATION TO THE CONTENT ON THIS DRAWING REQUIRES WRITTEN CONSENT FROM THE DEVELOPER SERVICES TECHNICAL LEAD.

B. ALL MATERIALS SHALL BE COMPLIANT TO THE APPROPRIATE BS/WIS STANDARDS.

C. EXTERNAL PROTECTION FOR BURIED FLANGE JIONTS,FLANGE ADAPTERS AND COUPLINGS SHALL BE TYPE P1 AS DEFINED IN CLAUSE5.14 OF CESWI 6th EDITION,THIS PROTECTION SHALL COVER THE FLANGE AND ALL NUTS, BOLTS AND THREADS.

D. THE PIPE MATERIAL FOR USE IN CONTAMINATED GROUND SHALL BE A THAMES WATER APPROVED BARRIER PIPE SYSTEM WHICH INCLUDES COMPATABLE PIPE FITTINGS,JOINT PROTECTION AND METER BOXES.

THE POSITION OF THE APPARATUS SHOWN ON THIS PLAN IS GIVEN WITHOUT OBLIGATION AND WARRANTY AND THE ACCURACY CANNOT BE GUARANTEED. SERVICE PIPES ARE NOT SHOWN BUT THEIR PRESENCE SHOULD BE ANTICIPATED. NO LIABILITY OF ANY KIND WHATSOEVER IS ACCEPTED BY THAMES WATER FOR ANY ERROR OR OMISSION.
THE ACTUAL POSITION OF MAINS AND SERVICES MUST BE VERIFIED ON SITE BEFORE ANY WORKS ARE UNDERTAKEN.

THE DATA PROVIDED IS RELEVANT ONLY TO THE CURRENT PROJECT / ENQUIRY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSES.

TECHNICAL NOTES:

1.0 GENERAL

1.1 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STARTED.

1.2 WASHOUTS SHALL BE INCLUDED TO THE RELEVANT BS/WIS STANDARDS.

1.3 FINAL ARRANGEMENT OF VALVES AND FITTINGS SHALL SUITETHE STREET ARRANGEMENT.

2.0 CHAMBER CONSTRUCTION DETAIL:

2.1 HEAVY DUTY DUCTILE IRON SURFACE BOX 430x280 CLEAR OPENING WITH THAMES WATER LOGO ND APPROPRIATE BADGE E.G WOOR FH.

2.2 430x280 CLEAR OPENING RECYCLED POLYMER CHAMER SECTIONS.

2.3 THE SURFACE BOX SHALL BE POSITIONED SUCH THAT WHEN A KEY AND SANDPIPE ARE FITTED TO THE HYDRANT, EQUAL CLEARANCES EXIST AROUND THE SIDES OF THE BOX.

2.4 TYPE 1 BACKFILL WELL COMPACTED MINIMUM THICKNESS BELOW CHAMBER 300.

2.5 10mm SINGLE SIZE PEA SHINGLE BED SURROUND TO PIPE MINIMUM 150 ABOVE PIPE-REF DRAWINGDS-DRG-WN-02020.

2.6 REINSTATEMENT LAYER.

3.0 PIPEWORK:

3.1 ALL FLANGE JOINT BOLTSET SHALL CONFORM TO WIS-4-52-02.

3.2 THE HYDRANT AND VALVE SHALL BE INSTALLED SO THAT THEY ARE TRULY PLUMB.

3.3 CONCRETE SUPPORT BLOCK SHALL BE CAST TO HYDRANT TEES AND SLUICE TEES.

Iss	Description	Dsgnr	Chkd	Appd	Date
A	FIRST ISSUE	PB	AB	AB	01/09/2023

Thames Water Utilities
DEVELOPER SERVICES
CUSTOMER EXPERIENCE,
CLEARWATER COURT,
VASTERN ROAD,
READING RG1 8DB
TEL: 0800 009 3921
EMAIL: DEVELOPER.SERVICES @THAMESWATER.CO.UK

ISSUE DATE:	REVIEW DATE:	SECURITY REF:	DRAWN BY:
01 SEPT 2023	20 JAN 2026	PUBLIC	P.BHOGAL

PROJECT GROUP: DEVELOPER SERVICES

DATA OWNER: ASSET DEVELOPMENT

WATER NETWORK: STANDARD DRAWINGS

DS TECHNICAL LEAD: A.BELLIS

DRAWING TITLE: TWO TEMPORARY FITTINGS OPTION A

DRAWING No.:	SCALE:	SHEET SIZE:	REV:
DS-DRG-WN-0301	N/A	A2	A

© Thames Water Utilities Ltd 2019-A2

CAD PATH: S:\NEW Operations\CAD\CLEAN WATER 2023\00CAD STANDARDS-2023\00CAD STANDARDS-2023\DS STANDARDS\DS-DRG-WN-0301-INSTALL TWO TEMPORARY FITTINGS-OPTION A\DS-DRG-WN- 0301-INSTALL TWO TEMPORARY FITTINGS-OPTION A-REV 1-CAD02.dwg CAD DATE: 29/08/2023 CAD REV: 02