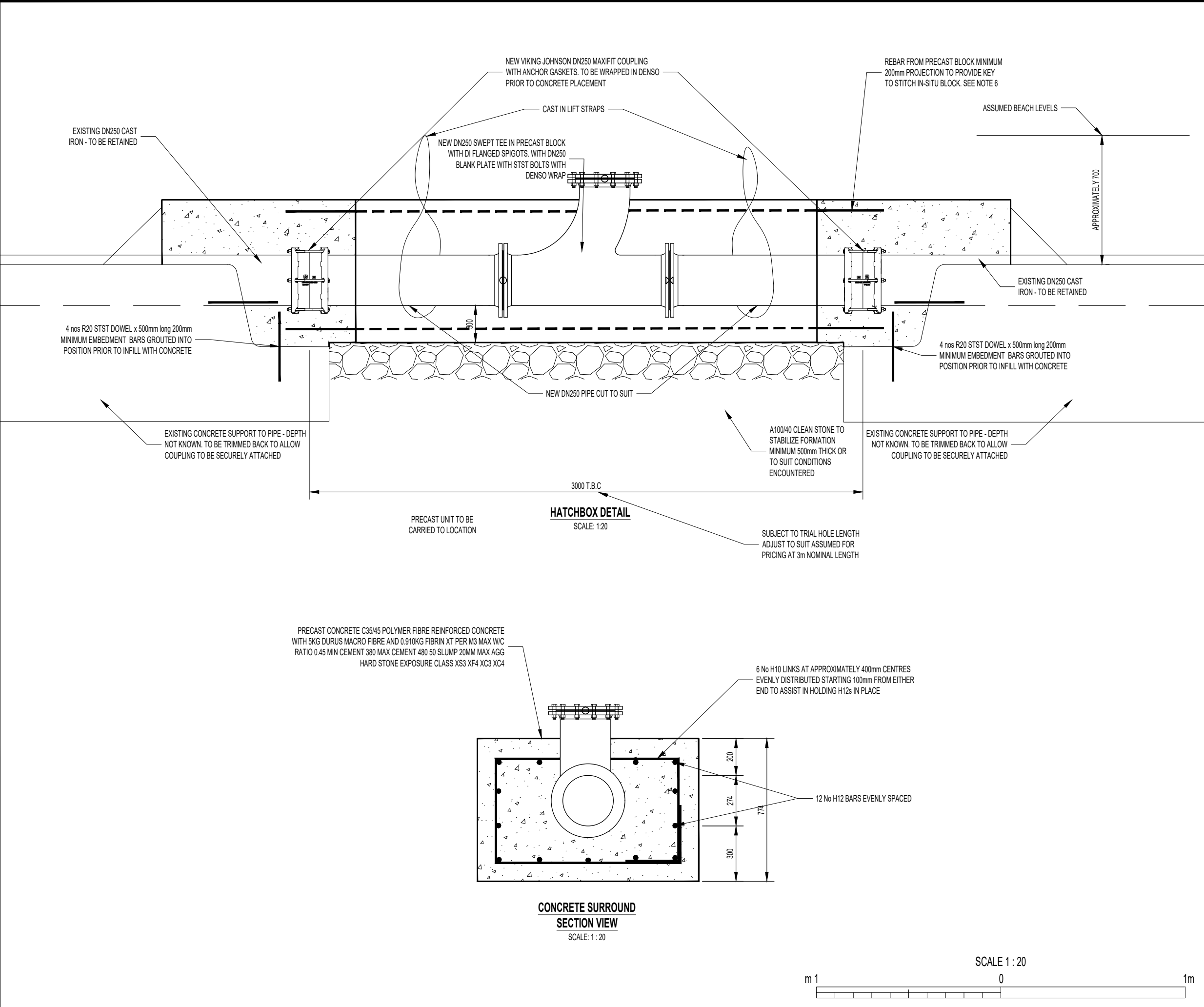




- NOTES**
- ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS SHOWN OTHERWISE.
 - THIS DESIGN IS PROPOSED ON THE BASIS OF CLIENT BRIEF, SPECIFICATIONS, BEST PRACTICE AND RISK REDUCTION / ELIMINATION. THE DESIGNER MUST BE CONSULTED ON ANY PROPOSED CHANGES, BEFORE THEY ARE CONSIDERED FOR IMPLEMENTATION.
 - ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH CESWI 7 (CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY (7TH EDITION)) SUPPLEMENTED BY THE 'DCWW CIVIL ENGINEERING SPECIFICATION CS501A'.
 - IN-SITU CONCRETE SHALL BE TESTED IN ACCORDANCE WITH CESWI 7 CI 2.20 TO 2.22 CRITICAL STRUCTURE. ADDITIONALLY FIELD CURES TO BE TAKEN TO VERIFY ACTUAL BEFORE TRANSPORT AND PLACING.
 - COVER TO REINFORCEMENT 60mm
 - INSITU CONCRETE TO BE C35 / 45 POLYMER FIBRE REINFORCED CONCRETE WITH 5kg DURUS MACRO FIBRE AND 0.910kg FIBRIN XT PERm³. MAX W/C RATIO 0.45MIN CEMENT 380 MAX CEMENT 480 50 SLUMP 20mm MAX AGGREGATE HARD STONE EXPOSURE CLASS XS3 XF4 XC3 AND XC4.

REFERENCE CALCULATIONS
< CALCULATION FILE/DOCUMENT REFERENCE >

 CAUTION: THE MANAGEMENT AND DESIGN OF ANY AND ALL TEMPORARY WORKS REQUIRED TO EXECUTE THIS DESIGN ARE THE RESPONSIBILITY OF THE CONTRACTOR.

T01	08.03.19	NOTES UPDATED	KJP	MJ	PMJ
T00	15-02-19	FIRST ISSUE	KJP	MJ	PMJ
REV.	DATE	DESCRIPTION	DSGND	CHKD	APP'D

CLIENT



PRINCIPAL DESIGNER
DŴR CYMRU WELSH WATER



Waterco Ltd., Eden Court, Lon Parcwr Business Park, Ruthin LL15 1NJ tel (+44) 1824 702220
www.waterco.co.uk

SCHEME
FAIRBOURNE
SEA OUTFALL REPAIR

TITLE
CONNECTION DETAILS
REPAIR LOCATION 2

STATUS				PRICING	
DESIGNED MJ	CHECKED KJP	APPROVED TM	SCALE / SHEET SIZE 1:20 / A3	REV	
DRAWING NO. w2476-2405				T01	