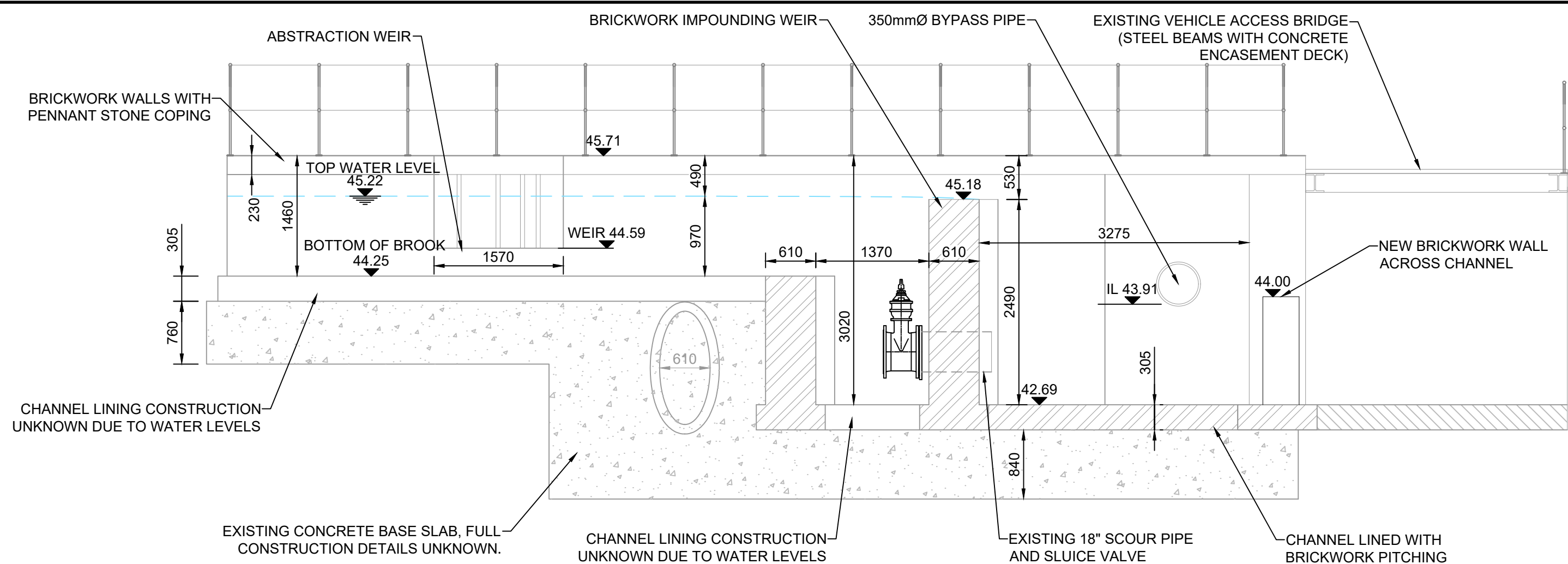
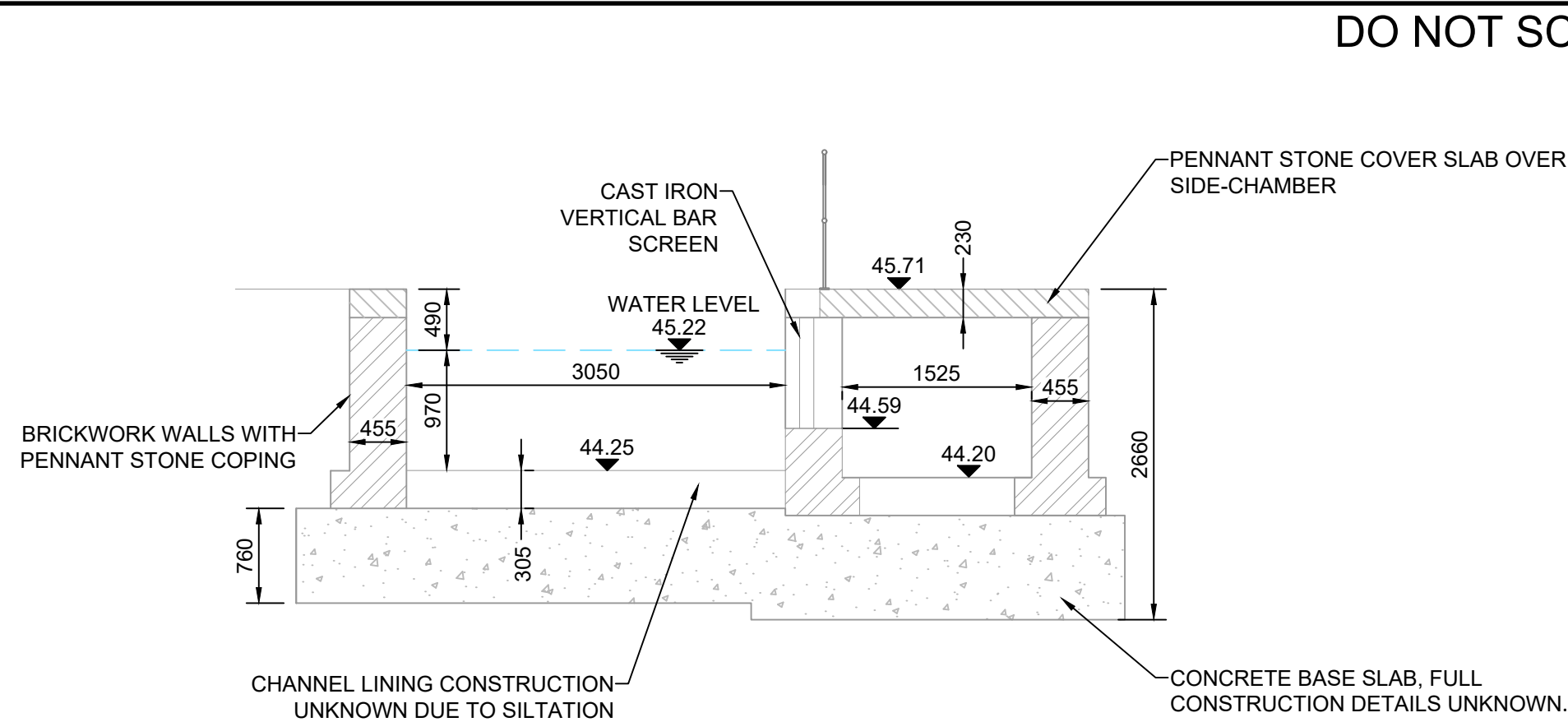


100
0 10
Millimetres

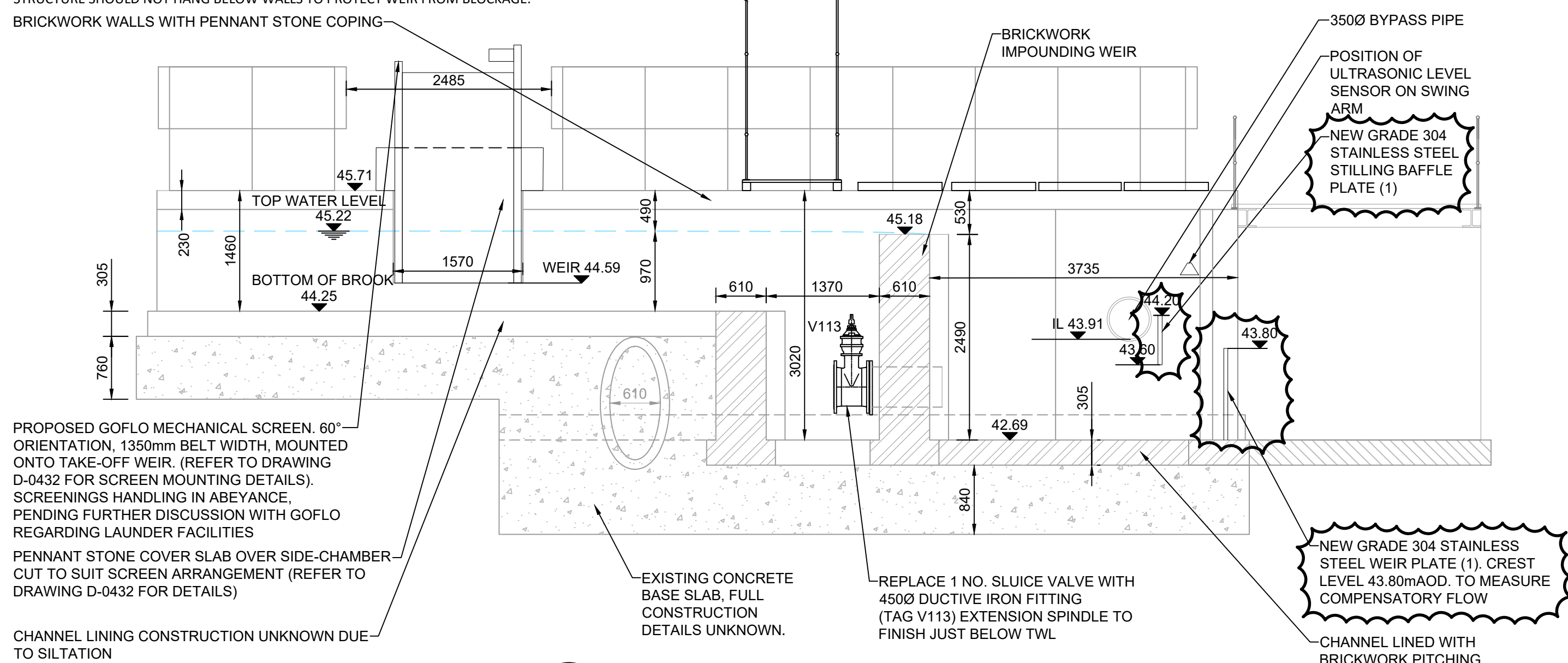


A EXISTING SECTION THROUGH CHANNEL
0429 SCALE 1:50

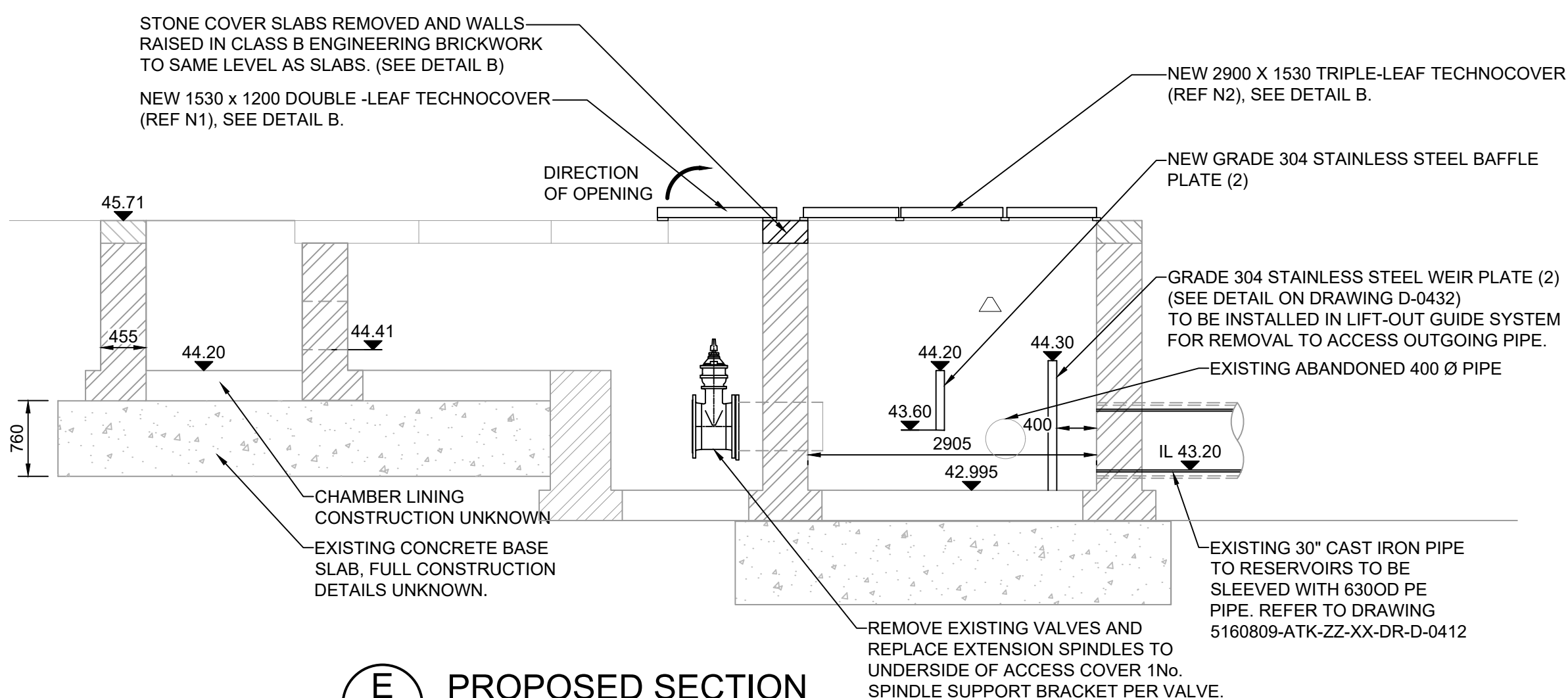


C EXISTING SECTION THROUGH ABSTRACTION WEIR
0429 SCALE 1:50

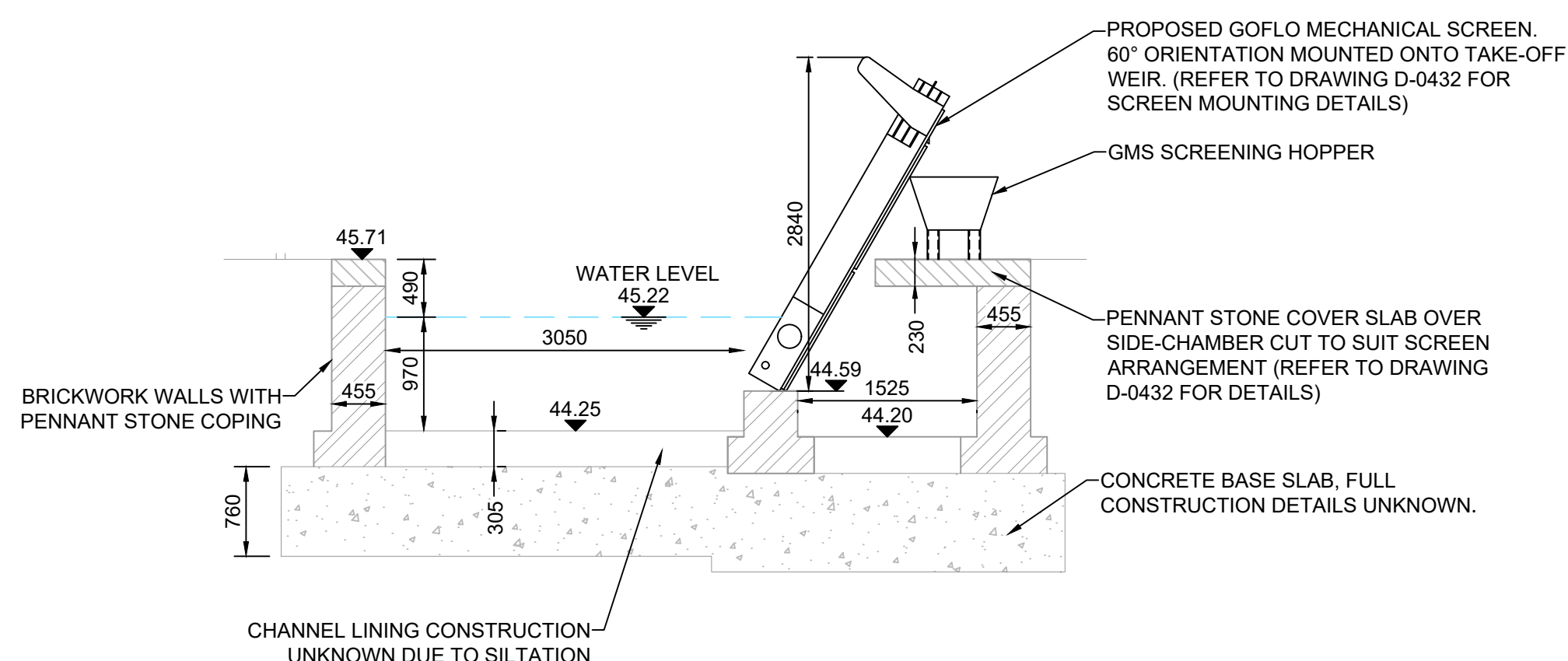
ACCESS PLATFORM TO SLUICE VALVE, SUPPORTED SPANNING ACROSS EXISTING STRUCTURE WALLS. TO BE DESIGNED BY FRAMEWORK SUPPLIER FOR SINGLE PEDESTRIAN LOADING ONLY. 1.2m WIDE. MESH FLOORING AND HANDRAILING TO TERMINATE SHORT OF STRUCTURE'S WESTERN WALL. 2.5m HIGH ENCLOSED HANDRAILING/MESH TO PREVENT ACCESS FROM WESTERN SIDE. HOLE CORED IN FLOORING FOR SPINDLE ACCESS. STRUCTURE SHOULD NOT HANG BELOW WALLS TO PROTECT WEIR FROM BLOCKAGE.
BRICKWORK WALLS WITH PENNANT STONE COPING



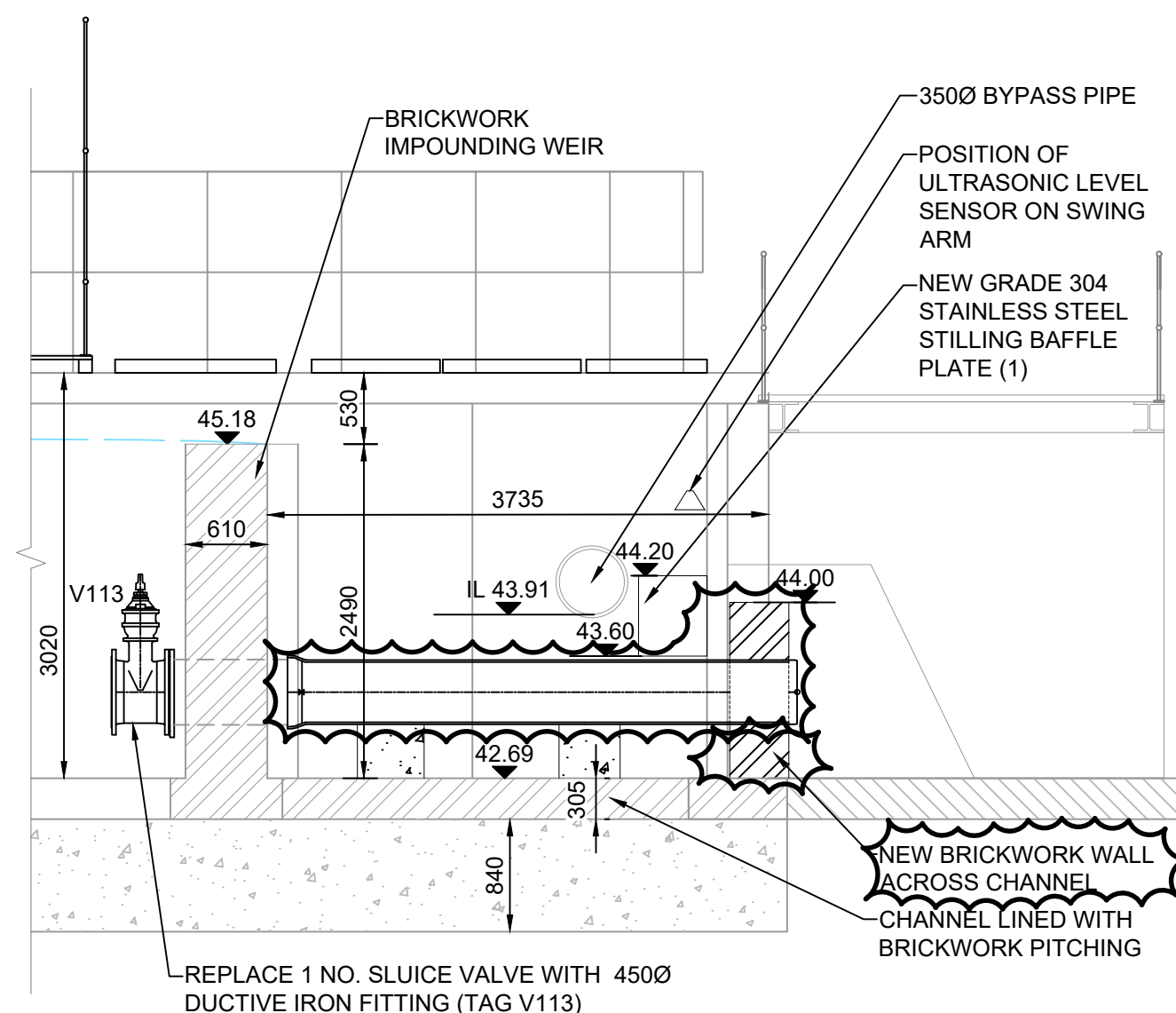
B PROPOSED SECTION THROUGH CHANNEL
0429 SCALE 1:50



E PROPOSED SECTION
0429 SCALE 1:50



D PROPOSED SECTION THROUGH SCREEN
0429 SCALE 1:50



F PROPOSED SECTION
0429 SCALE 1:50

DO NOT SCALE

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

H4 INTERFACE WITH THE PUBLIC.
H37 INSTALLATION OF HEAVY WEIR PLATES IN CHAMBERS.
H40 REMOVAL OF LARGE AND HEAVY MASONRY SLABS.
H41 WORKING OVER DEEP WATER.
E1 WORKS ARE WITHIN SSSI AREA. REFER TO NRW ASSET FOR THE SITE.
E2 JAPANESE ROSE AND MEXICAN FLEABANE HAVE BEEN IDENTIFIED NEAR NANT FAWR INTAKE STRUCTURE. THESE SHALL NOT BE DISTURBED PRIOR TO DISCUSSION WITH DCWW.

MAINTENANCE/CLEANING

H4 INTERFACE WITH THE PUBLIC.
H38 INSTALLATION OF HEAVY WEIR PLATES IN CHAMBERS.
H42 WORKING OVER DEEP WATER.
E1 WORKS ARE WITHIN SSSI AREA. REFER TO NRW ASSET FOR THE SITE.
E2 JAPANESE ROSE AND MEXICAN FLEABANE HAVE BEEN IDENTIFIED NEAR NANT FAWR INTAKE STRUCTURE. THESE SHALL NOT BE DISTURBED PRIOR TO DISCUSSION WITH DCWW.

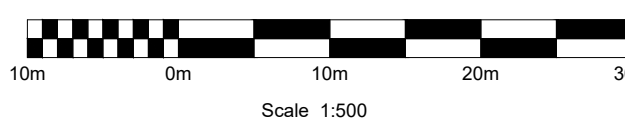
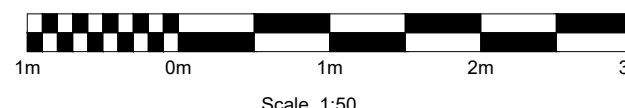
DECOMMISSIONING/DEMOLITION

E1 WORKS ARE WITHIN SSSI AREA. REFER TO NRW ASSET FOR THE SITE.
E2 JAPANESE ROSE AND MEXICAN FLEABANE HAVE BEEN IDENTIFIED NEAR NANT FAWR INTAKE STRUCTURE. THESE SHALL NOT BE DISTURBED PRIOR TO DISCUSSION WITH DCWW.

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

NOTES

- ALL LEVELS IN METERS TO ORDNANCE DATUM NEWLYN.
- ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED.
- WORKS TO BE IN ACCORDANCE WITH CESW1 7th EDITION AND DCWW CIVIL ENGINEERING SPECIFICATION OCTOBER 2013 ALONG WITH ATKINS SUPPLEMENTARY SPECIFICATION REF. 5160809-ATK-ZZ-XX-RP-C-1037.
- THE EXISTING GENERAL ARRANGEMENT HAS BEEN DRAWN AS SHOWN ON RECORD DRAWINGS. MEASUREMENTS HAVE BEEN CONVERTED FROM IMPERIAL MEASUREMENTS AND PRESENTED ACCURATE TO THE NEAREST 5mm INTEGER. THIS INFORMATION HAS BEEN CHECKED AGAINST TOPOGRAPHICAL SURVEY COMPLETED IN OCTOBER 2017 BY ALPINE SURVEYORS AND OBSERVATIONS MADE ON SITE AND SOME MODIFICATIONS MADE TO SUIT.
- DCWW LAND OWNERSHIP EXTENTS TO BE CONFIRMED.
- REMEDIAL WORKS HAVE BEEN IDENTIFIED FROM OBSERVATIONS MADE ON SITE. ADDITIONAL WORK MAY BE REQUIRED. FOLLOWING VEGETATION CLEARANCE THE CONTRACTOR SHOULD INSPECT THE ENTIRE STRUCTURE AND REPORT ANY ADDITIONAL DEFECTS IDENTIFIED (WITH PHOTOGRAPHS) TO THE DESIGNER AND AWAIT ADVICE ON THE REQUIRED REMEDIAL WORK.
- CLOUDED ITEMS IN ABEYANCE PENDING DECISION BY NRW ON MEASURING LOCATION FOR COMPENSATORY FLOW



C2	05/02/19	EXTENSION SPINDLES	VM	AJM	CL
C1	16/11/18	FOR CONSTRUCTION	ARJ	AJM	CL
P4	28/08/18	CHANGES FOLLOWING DESIGN REVIEW	AN		
P3	10/08/18	CHANGES FOLLOWING DESIGN REVIEW	AP		
P2	31/07/18	FOR CONSTRUCTION APPROVAL	AP		
P1	10/07/18	FOR COMMENTS	AP	-	-
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	Suitability
FOR CONSTRUCTION	A

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Client	
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Project Title	LLANISHEN RESERVOIR
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Drawing Title	LLANISHEN REFILL NANT FAWR INTAKE STRUCTURE GENERAL ARRANGMENT SECTIONS SHEET 2 OF 2
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Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	TR	AP	AJM	CL
Original Size	Date	Date	Date	Date
A1	16/11/18	16/11/18	16/11/18	16/11/18

Drawing Number	Revision
5160809-ATK-ZZ-XX-DR-D-0430	C2