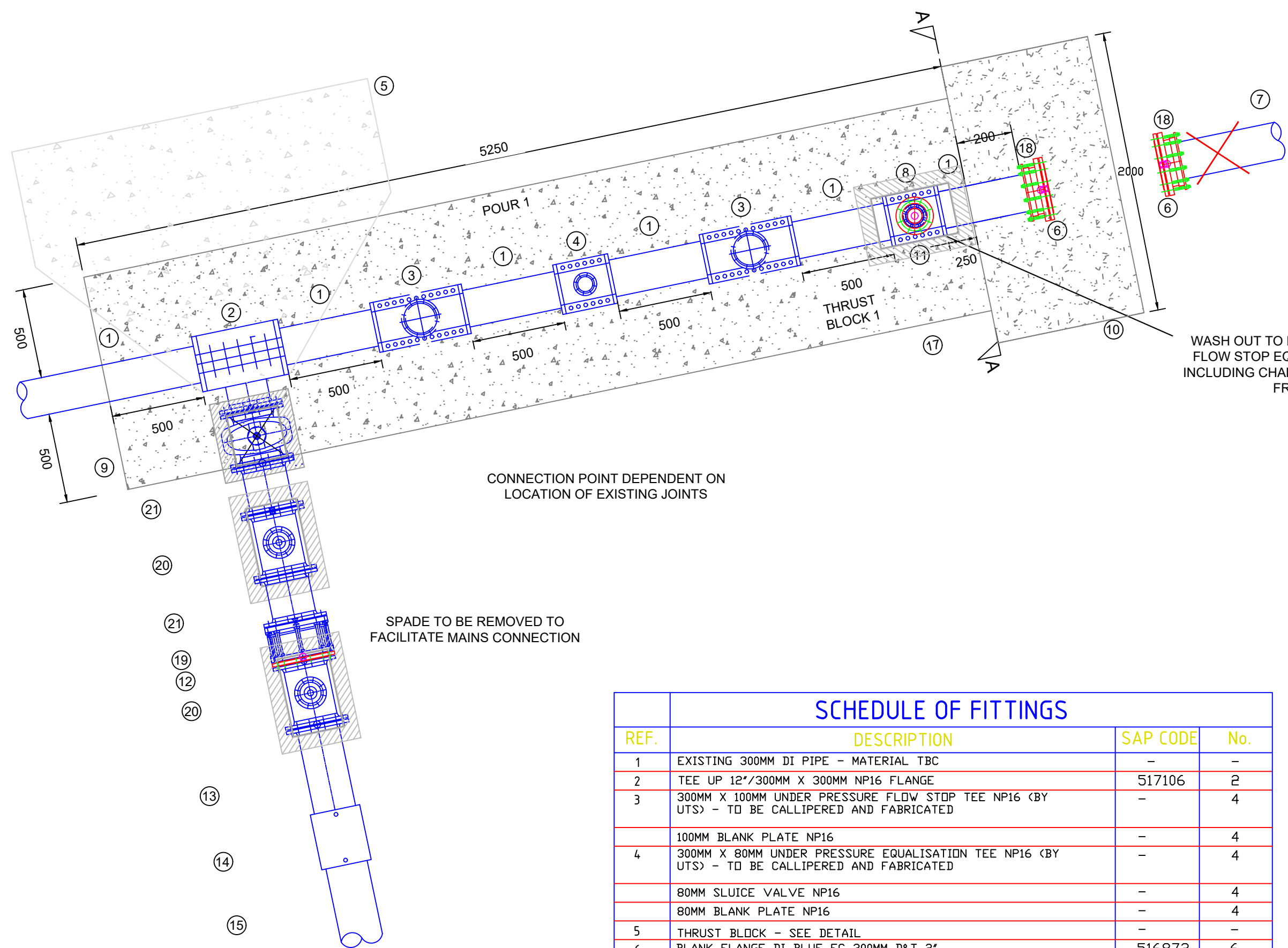
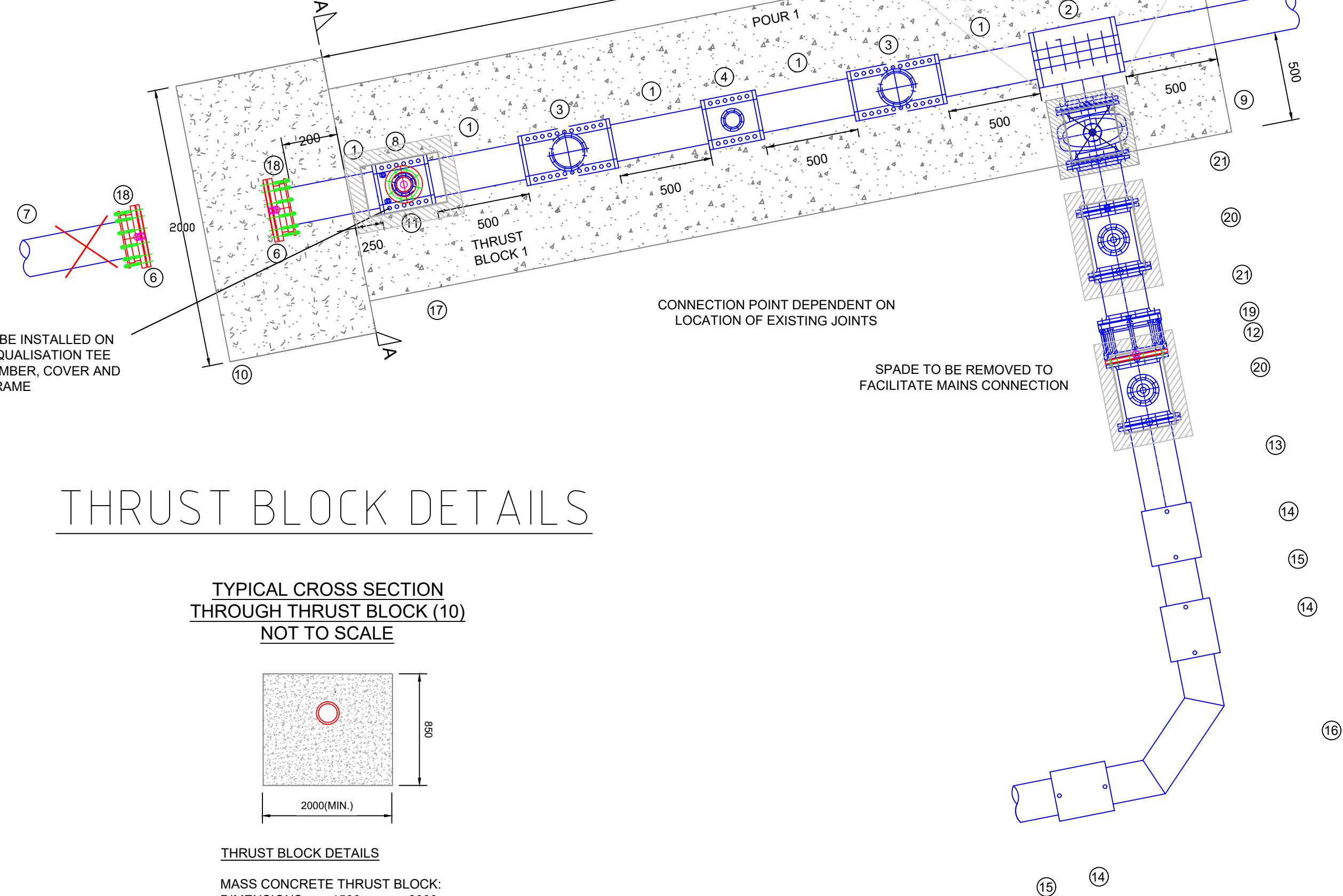


PHASE 2
CONNECTION POINT B

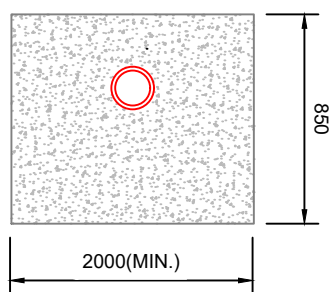


PHASE 2
CONNECTION POINT A



THRUST BLOCK DETAILS

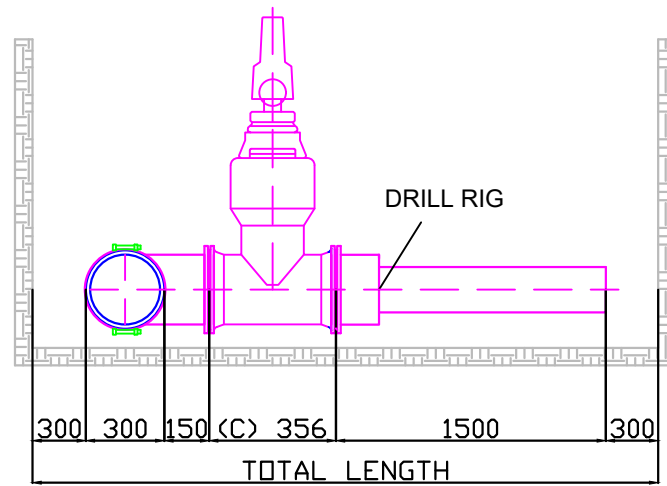
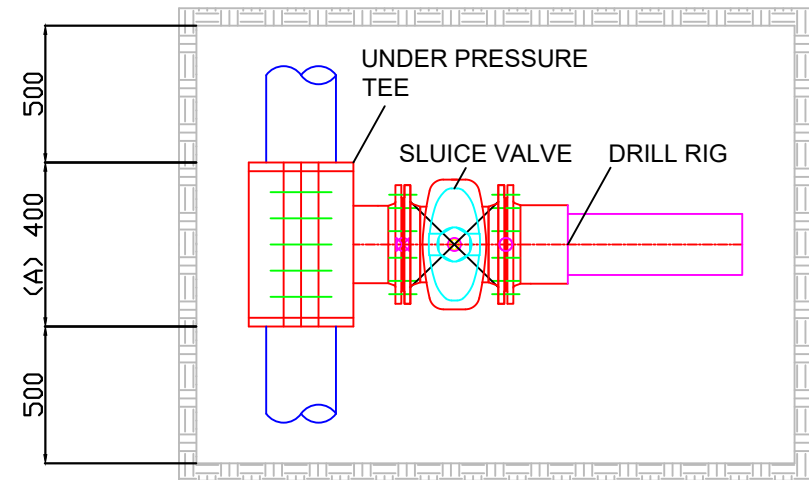
TYPICAL CROSS SECTION
THROUGH THRUST BLOCK (10)
NOT TO SCALE



THRUST BLOCK DETAILS

MASS CONCRETE THRUST BLOCK:
DIMENSIONS: 1500 mm x 2000 mm
(MIN.) x 850 mm DEEP
CONCRETE: C25 - CLASS S3 -
SLUMP 100 mm - READY MIX
MIN. VOLUME: 3.2 m³
TEST PRESSURE 13 BAR (i.e. MAX
STATIC +5 BAR)

UTS - UNDER PRESSURE
DRILLING TRENCH
REQUIREMENTS DETAIL -
NTS



BRANCH NB (mm)	BODY LENGTH A (mm)	VALVE FACE TO FACE C (mm)	TOTAL LENGTH (mm)	DRILL WEIGHT (kg)
300	600	356	2906	80

REF.	DESCRIPTION	SAP CODE	No.
1	EXISTING 300MM DI PIPE - MATERIAL TBC	-	-
2	TEE UP 12"/300MM X 300MM NP16 FLANGE	517106	2
3	300MM X 100MM UNDER PRESSURE FLOW STOP TEE NP16 (BY UTS) - TO BE CALLIPERED AND FABRICATED	-	4
4	100MM BLANK PLATE NP16	-	4
5	300MM X 80MM UNDER PRESSURE EQUALISATION TEE NP16 (BY UTS) - TO BE CALLIPERED AND FABRICATED	-	4
6	80MM SLUICE VALVE NP16	-	4
7	80MM BLANK PLATE NP16	-	4
8	THRUST BLOCK - SEE DETAIL	-	-
9	VALVE SLUICE ACC 300MM	67600	2
10	VALVE SLUICE SF ACC 300MM	505361	2
11	CHAMBER SECTION 230MM X 230MM X 100MM	505721	18
12	SURFACE BOX DI 225 X 225 X 100MM GR A "W"	505890	2
13	THRUST BLOCK - SEE DETAIL	-	2
14	HYDRANT SQUAT C/W FROST VALVE SS OUTLET	505229	2
15	BASE FOR HYDRANT 2 PIECE 17 X 11 C/D	505699	2
16	CHAMBER SECTION 430MM X 280MM X 100MM	505724	18
17	SURFACE BOX DI 380 X 230 X 125MM GR A "FH"	505896	2
18	'SPADE INSERT'	-	2
19	315 X 300mm PROTECTALINE FLANGE ASSY PUPP 16 Bar	518267	4
20	PROTECTALINE ELECTROFUSION COUPLINGS BLUE OR BLACK 315mm	518267	12
21	315mm PROTECTALINE PIPE 16 Bar SDR11 (LENGTH TO SUIT)	-	-
22	315mm X 90 DEG MITRED BEND SDR17	-	1
23	THRUST BLOCK - SEE DETAIL	-	-
24	ULTRAGRIP FLANGE ADAPTOR 250PN 10/16 - 266-310 FA	VJ33110	4
25	VIKING JOHNSON DISMANTLING JOINT 300mm NP16	-	2
26	HYDRANT INLINE 300MM DI-300MM PVC	39400	1
27	HYDRANT SQUAT C/W FROST VALVE SS OUTLET	505229	1
28	BASE FOR HYDRANT 2 PIECE 17 X 11 C/D	505699	1
29	CHAMBER SECTION 430MM X 280MM X 100MM	505724	6
30	SURFACE BOX DI 380 X 230 X 125MM GR A "FH"	505896	1
31	PIPE DI NP16 DI BLUE EC 300 X 300MM	500192	2
32	FL-ADAPTOR FOR PE SDR11 315MM 300MM FLG	504506	2
33	FLANGE SET 80MM NP16 (M16 X 65 BOLT)	505091	12
34	FLANGE SET 150MM NP16 (M20 X 70 BOLT)	505093	2
35	FLANGE SET 300MM NP16 (M24 X 90 BOLT)	505096	12
36	FLANGE SET 300MM NP16 (M24 X 120 BOLT)	-	4

NOTES

1. DWR CYMRU CYF GIVES THIS INFORMATION AS TO THE POSITION OF ITS UNDERGROUND APPARATUS BY WAY OF GENERAL GUIDANCE ONLY ON THE STRICT UNDERSTANDING THAT IT IS BASED ON THE BEST INFORMATION AVAILABLE AND NO WARRANTY AS TO ITS CORRECTNESS IS RELIED UPON IN THE EVENT OF EXCAVATIONS OR OTHER WORKS MADE IN THE VICINITY OF THE COMPANY'S APPARATUS AND ANY ONUS OF LOCATING THE APPARATUS BEFORE CARRYING OUT ANY EXCAVATIONS RESTS ENTIRELY ON YOU. IT MUST BE UNDERSTOOD THAT THE FURNISHING OF THE INFORMATION IS ENTIRELY WITHOUT PREJUDICE TO THE PROVISION OF THE NEW ROAD AND STREET WORKS ACT 1991 AND THE COMPANY'S RIGHT TO BE COMPENSATED FOR ANY DAMAGE TO ITS APPARATUS. SERVICE PIPES ARE NOT GENERALLY SHOWN BUT THEIR PRESENCE SHOULD BE ANTICIPATED.

2. EXACT LOCATIONS OF ALL APPARATUS TO BE DETERMINED ON SITE.

3. REPRODUCED FROM THE ORDNANCE SURVEY'S MAPS WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. CROWN COPYRIGHT. LICENSE NO. 100019534.

O.S. Reference
279245.186239

4. LOCATION OF CONNECTIONS TO BE CONFIRMED ON SITE.

5. THE POSITIONING OF THE MAINS IS THE BE IN ACCORDANCE WITH THE NATIONAL JOINT UTILITIES GROUP GUIDELINES VOLUME 1 ISSUE 9 AND VOLUME 2 ISSUE 9.

NOTE:

THIS DRAWING TO BE READ IN CONJUNCTION WITH SCHEME DRAWING WMD0002138 001, WMD0002138 002 & WMD0002138 003

01	DRAFT ISSUE	BK	SM	JD	15.11.21
----	-------------	----	----	----	----------

ISSUE	DESCRIPTION	AUTH	CKD	APPD	DATE
-------	-------------	------	-----	------	------

CLIENT

SANDVIK OSPREY LTD

PROJECT
SANDVIK OSPREY MARGAM,
HARBOUR WAY, MARGAM,
NEATH & PORT TALBOT
SA13 2NW

TITLE
PROPOSED CONNECTION
DETAILS, PHASE 2 FOR WATER
MAINS DIVERSION
SHEET 4 OF 4

SCALE A1

NTS


DWR CYMRU WELSH WATER
DEVELOPER SERVICES
PO BOX 3146
CARDIFF
CF30 0EH
Tel: +44 (0) 800 917 2652
Fax: +44 (0) 2920 740 472

PROJECT CODE	DRAWING NO.	ISSUE
WMD0002048	004	01