

# **BYRON SHIRE COUNCIL STP ADDITIONAL FLOW PATH DISTRIBUTION PIT AUGMENTATION WORKS DETAILED DESIGN FOR CONSTRUCTION**

DRAWING NO.	TITLE	REVISION
J5908 - 0220	COVER, INDEX, NOTES AND LOCALITY PLAN	В
J5908 - 0221	EXISTING CONDITIONS PLAN	В
J5908 - 0222	PROPOSED SITE LAYOUT PLAN	В
J5908 - 0223	DETAILED PIPE LAYOUT	В
J5908 - 0224	DETAILED PIPE SECTIONS	В
J5908 - 0225	EXISTING PUMP STATION LAYOUT, SECTION AND EXISTING FITTINGS SCHEDULE	В
J5908 - 0226	PROPOSED PUMP STATION LAYOUT, SECTION AND NEW FITTINGS SCHEDULE	В



LOCALITY PLAN NOT TO SCALE

### NOTES:

#### GENERAL

- OTHER PROVIDED ENGINEERING DRAWINGS;
  TECHNICAL SPECIFICATIONS;
- SUPPLEMENTARY SPECIFICATIONS
- WRITTEN INSTRUCTIONS.
- BE OVERSTRESSED.
- DISCREPANCIES SHALL BE REFERRED TO THE SITE SUPERINTENDENT 5. DO NOT OBTAIN DIMENSIONS FROM SCALING.
- OBTAINED BY THE CONTRACTOR

## WATER

- NOMINATED OTHERWISE.

	DESCRIPTION ISSUED FOR COMMENT ISSUED FOR APPROVAL	DATE DRAV 09.12.19 CW 07.02.20 CW	v cw	CHECK RB RB	APPROVED AW AW	NOT TO SCALL	Copyright in the drawings, information and data recorded in this document ('the information') is the property of Planit Consulting. This document and the information are solely for the use of the authorised recipient and this document may not be used, copied or reproduced in whole or part for any purpose other than that for which it was supplied by Planit Consulting. Planit Consulting makes no representation, undertakes no duty and accepts no representation, andertakes no duty and	DESIGN BY: C.WELLS APPROVED BY:	PLANIT CONSULTING SUITE 9A, 80-84 BALLINA STREET PO BOX 161 LENNOX HEAD NSW 2478	BYRON SHIRE COUNCIL	PROJECT: BYRON BAY STP - ADDITIONAL FLOW PATH DRAWING TITLE: COVER, INDEX, NOTES AND LOCALITY PLAN
							or rely upon this document or the information.	DATE: THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS APPROVED	ABN: 20 099 261 711 EMAIL: administration@planitconsulting.com.au	LOCAL GOVERNMENT AUTHORITY: BYRON SHIRE COUNCIL	ORIGINAL SIZE: PLANIT JOB No.: DRAWING No.: REV: A1 J5908 0220 B
CAD FI	CAD FILE: S:JOBSJ5080 - BYRON BAY STP ADDITIONAL FLOW PATH DETAILED DESIGNIG - CADJ55080 - BYRON STP ADDITIONAL FLOW PATH (ReVB) DWG PLOTTED BY: CHRIS PLOT DATE: 26/02/202 0 249:13 PM										

SOURCE: SIXMAPS 201

1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE FOLLOWING DOCUMENTS

2 ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT SPECIFICATION FOR THE WORKS TOGETHER WITH THE REQUIREMENTS OF ALL THE RELEVANT CODES OF PRACTICE REFERRED TO THEREIN AND THE REQUIREMENTS OF NORTHERN RIVERS LOCAL GOVERNMENT STANDARDS AND SPECIFICATIONS. 3. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PROVISION OF ANY TEMPORARY BRACING, PROPPING ETC. TO PIPES DURING CONSTRUCTION, STRUCTURES SHALL BE MAINTAINED IN A STABLE POSITION AND NO PART SHALL

ALL LOCATIONS, ORIENTATION AND LEVELS SHALL BE VERIFIED ON SITE BEFORE COMMENCING ANY WOR

NATURAL SURFACE LEVELS ON THE DRAWINGS ARE INDICATIVE ONLY. ANY PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF PERMANENT OR TEMPORARY WORKS SHALL BE

NORTHERN RIVERS LOCAL GOVERNMENT STANDARD DETAILS ARE TO BE ADOPTED UNLESS STATED OTHERWISE 9. LEVEL 1 TESTING IN ACCORDANCE WITH AS 3798 SHALL TAKE PLACE FOR ALL EARTHWORKS.

1. NOTWITHSTANDING THE DETAILS SHOWN ON THE DRAWINGS, ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NORTHERN RIVERS LOCAL GOVERNMENT DEVELOPMENT CONSTRUCTION SPECIFICATION C401 ALL FITTINGS SHALL BE D.I.C.L. PN20 RUBBER RING JOINTED SPIGOT AND SOCKET TO AS 2280-1986, UNLESS

ANCHOR BLOCKS SHALL BE INSTALLED AT ALL BENDS, JUNCTIONS AND DEAD ENDS 4. THE CONTRACTOR SHALL OBTAIN THE LOCATION OF ALL SERVICES AND PROTECT THESE SERVICES PRIOR TO WORKING IN THE VICINITY. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL TRENCH BACK FILL MATERIAL UNDER ROAD PAVEMENT SHALL BE CBR 15 OR APPROVED EQUIVALENT ALL WORKS ASSOCIATED WITH LIVE WATER CONNECTIONS MUST BE CARRIED OUT BY BYRON SHIRE COUNCIL ACCREDITED CONTRACTORS UNDER SUPERVISION BY BYRON SHIRE COUNCIL. WHERE CONTRACTORS ARE NOT ACCREDITED. THE WORKS SHALL BE UNDERTAKEN BY BYRON SHIRE COUNCIL AT THE CONTRACTORS COST. ALL NEWLY CONSTRUCTED WATER MAINS TO BE PRESSURE TESTED PRIOR TO CONNECTION IN ACCORDANCE WITH NORTHERN

RIVERS LOCAL GOVERNMENT DEVELOPMENT CONSTRUCTION SPECIFICATION C401. 8. IF ANY EXISTING ASBESTOS CEMENT PIPE IS EXPOSED, SMASHED AND REMOVED FROM THE GROUND IT SHALL BE PACKAGED AND DISPOSED OF IN ACCORDANCE WITH THE WORK HEALTH AND SAFETY ACT AND RELEVANT CODES OF PRACTICE. THE AC MAIN SHALL BE KEPT WET TO AVOID ANY POSSIBILITY OF DUST BIGS SPREAD ON THE SITE. UNDER NO CIRCUMSTANCES SHALL PIECES OF AC MAIN BE LEFT ON NATURE STRIPS, ROADWAYS OR FOOTPATHS.

**PRELIMINARY ISSUE** 



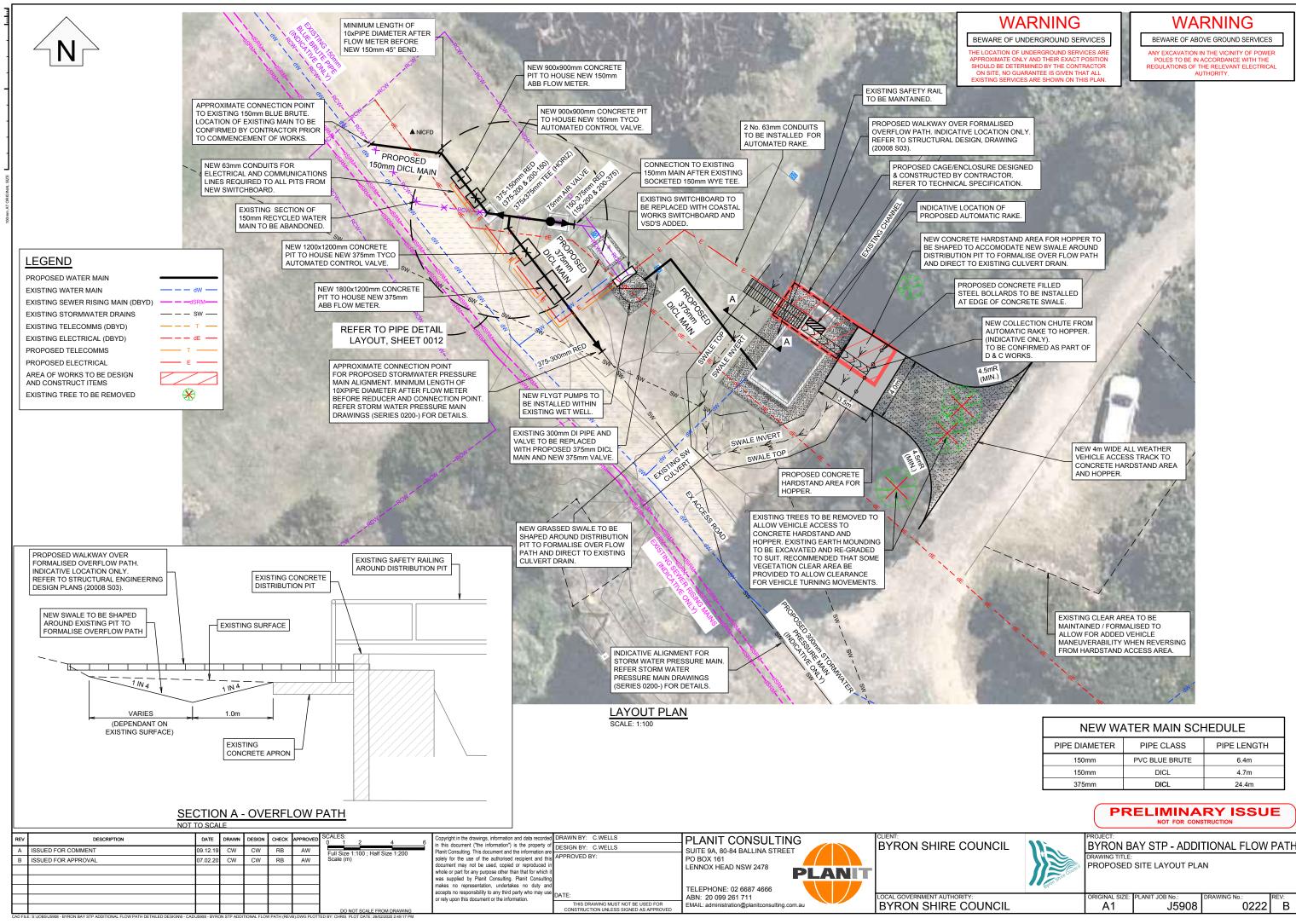
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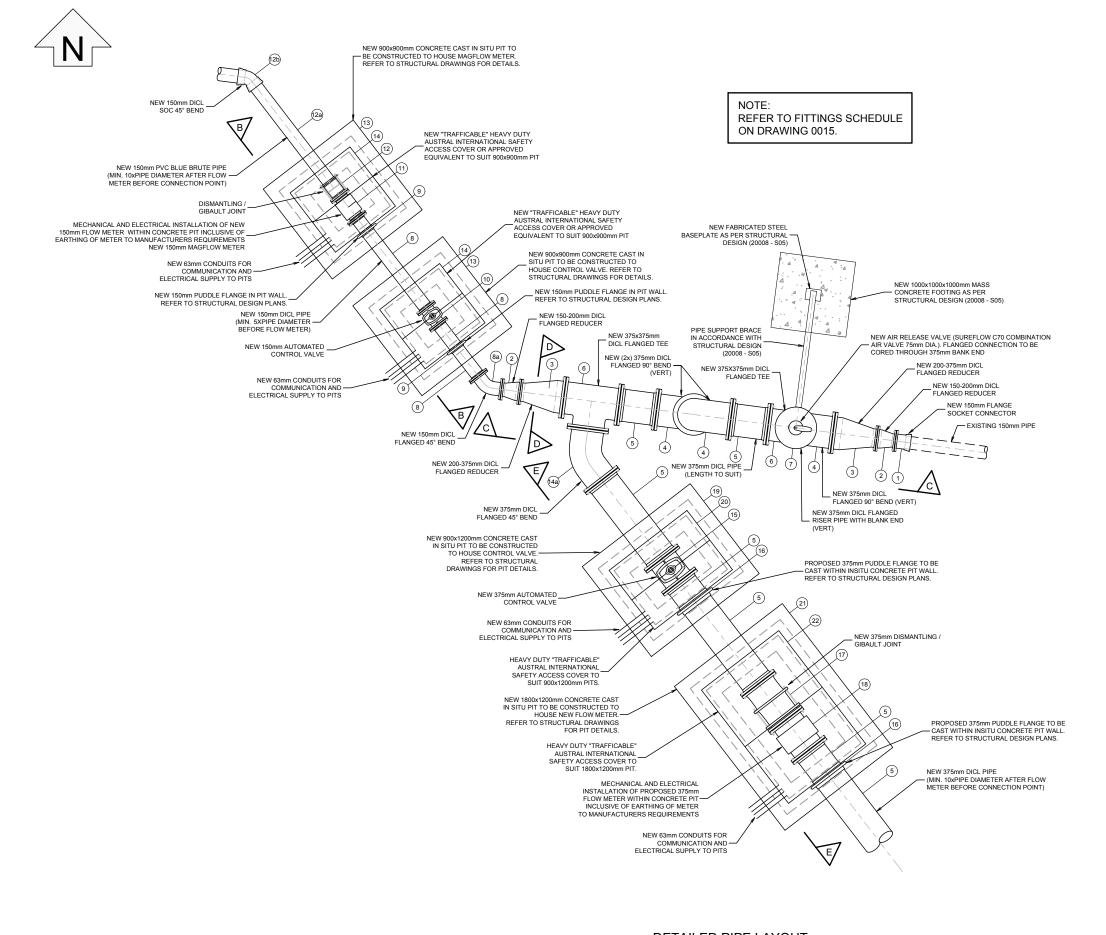
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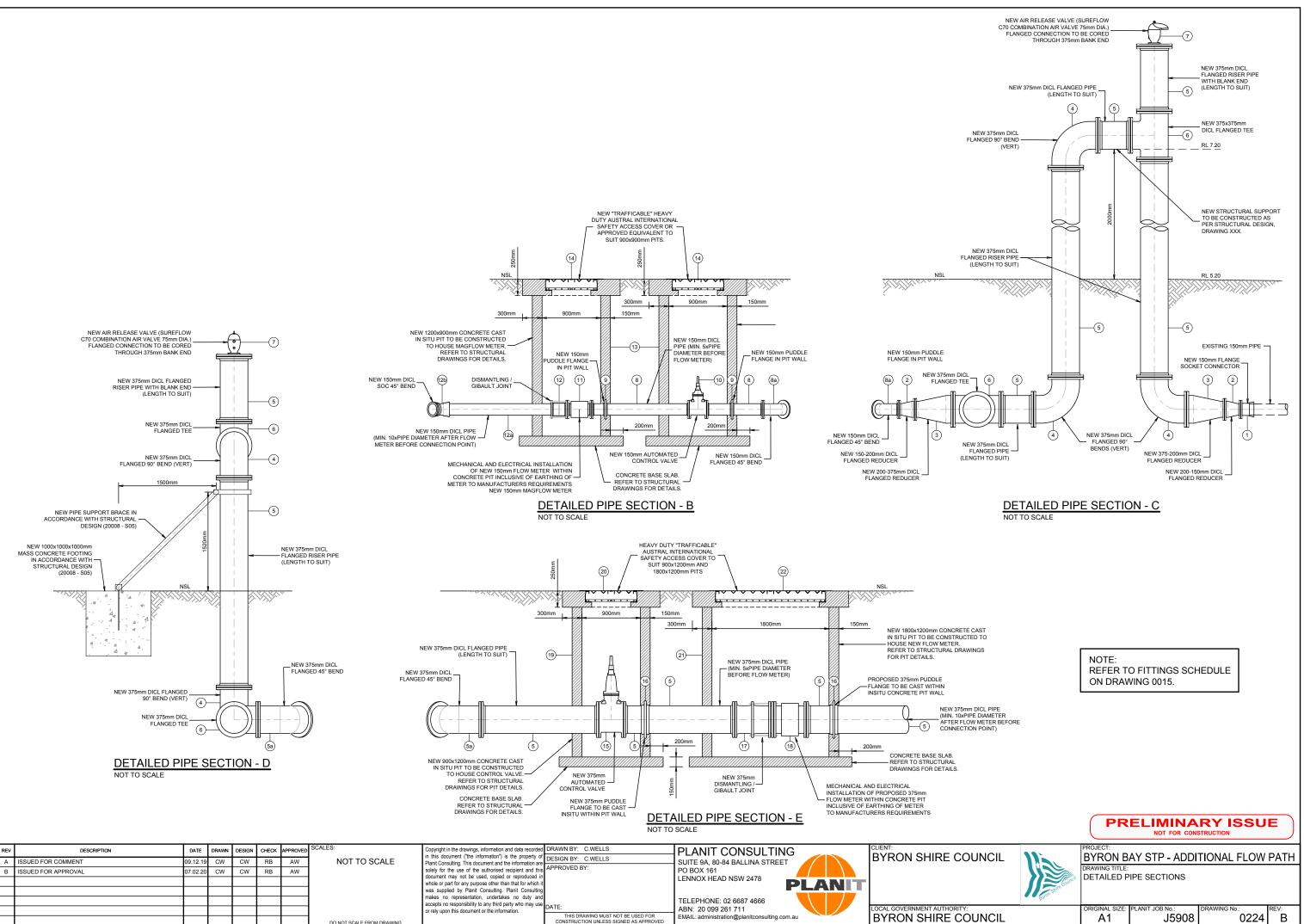


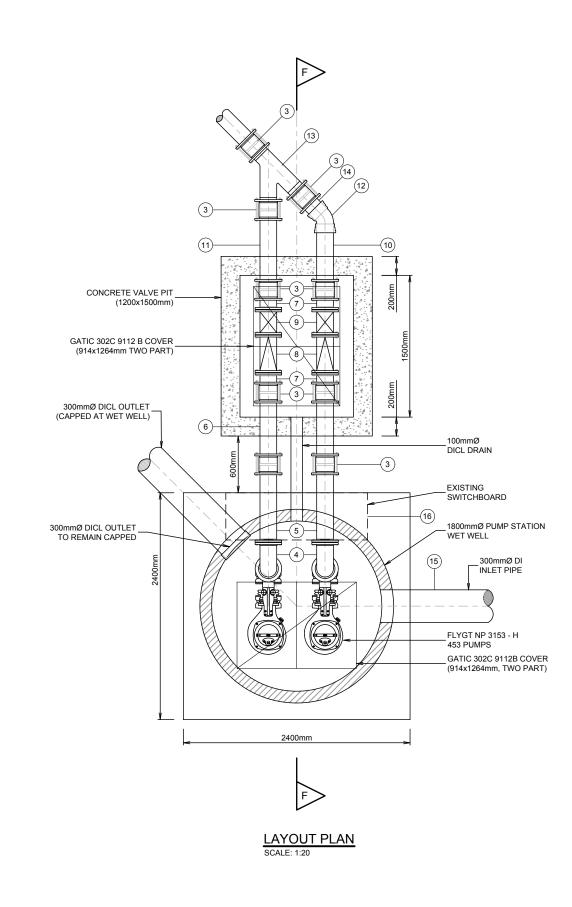
NEW WATER MAIN SCHEDULE								
PIPE DIAMETER	PIPE CLASS	PIPE LENGTH						
150mm	PVC BLUE BRUTE	6.4m						
150mm	DICL	4.7m						
375mm	DICL	24.4m						

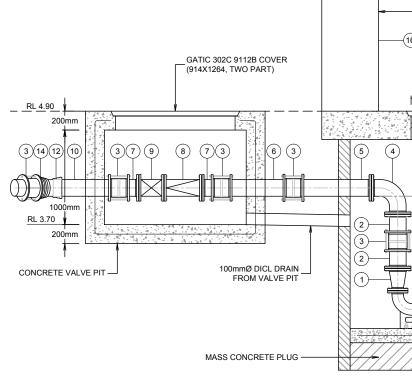
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									DETAILED PIPE LAY	<u>(OUT</u>			PRELIMINARY ISSUE
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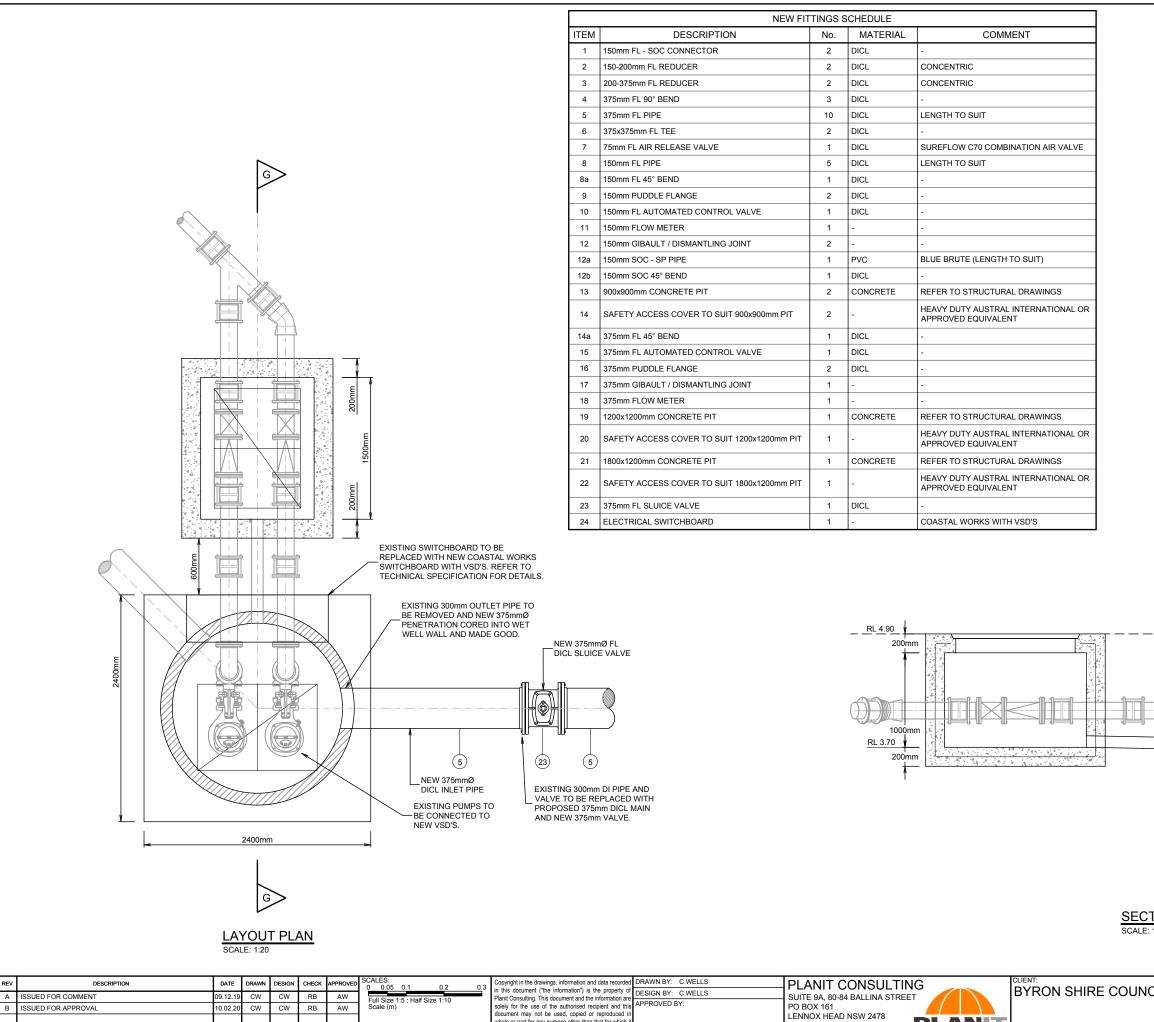


ITEM	DESCRIPTION	No.	MATERIAL	COMMENT
1	100x150mm FL - FL REDUCER	2	DICL	CONCENTRIC
2	150mm FL & SP PIPE	4	DICL	LENGTH TO SUIT (APPROX. 300mm LONG)
3	150mm ELONGATED GIBAULT	11	S/STEEL	-
4	150mm FL - FL 90° BEND	2	DICL	-
5	150mm FL - SP PIPE	2	DICL	LENGTH TO SUIT (APPROX. 800mm LONG)
6	150mm SP - SP PIPE	2	DICL	LENGTH TO SUIT (APPROX. 800mm LONG)
7	150mm FL - SP CONNECTOR	4	DICL	-
8	150mm FL - FL REFLUX VALVE	2	DICL	-
9	150mm FL - FL SLUICE VALVE	2	DICL	-
10	150mm SP - SP PIPE	1	DICL	LENGTH TO SUIT (APPROX. 650mm LONG)
11	150mm SP - SP PIPE	1	DICL	LENGTH TO SUIT (APPROX. 900mm LONG)
12	150mm SO - SP 45° BEND	1	DICL	-
13	150mm SP - SP - SP WYE	1	DICL	-
14	150mm SP - SP PIPE	1	DICL	LENGTH TO SUIT (APPROX. 220mm LONG)
15	300mm SP - SO PIPE	1	DI	INLET PIPE TO BE REMOVED
16	ELECTRICAL SWITCHBOARD	1	-	TO BE REPLACED

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EXISTING SWITCHBOARD	
16	
	ATIC 302C 9112B COVER 114X1264, TWO PART)
	300mm RL 4.60
<u></u>	e 1800mmø PUMPWELL OUTLET IL 3.73
	MTWL RL 3.73
	FLYGT NP 3153 - H 453 PUMPS LWL RL 2.90
	300mm RL 2.60 150mm
	290mm ¥ RL 2.16

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CIL		ORIGINAL SIZE:	PLANIT JOB No.: <b>J5908</b>	DRAWING No.: 0226	REV: B		

## SECTION - G

