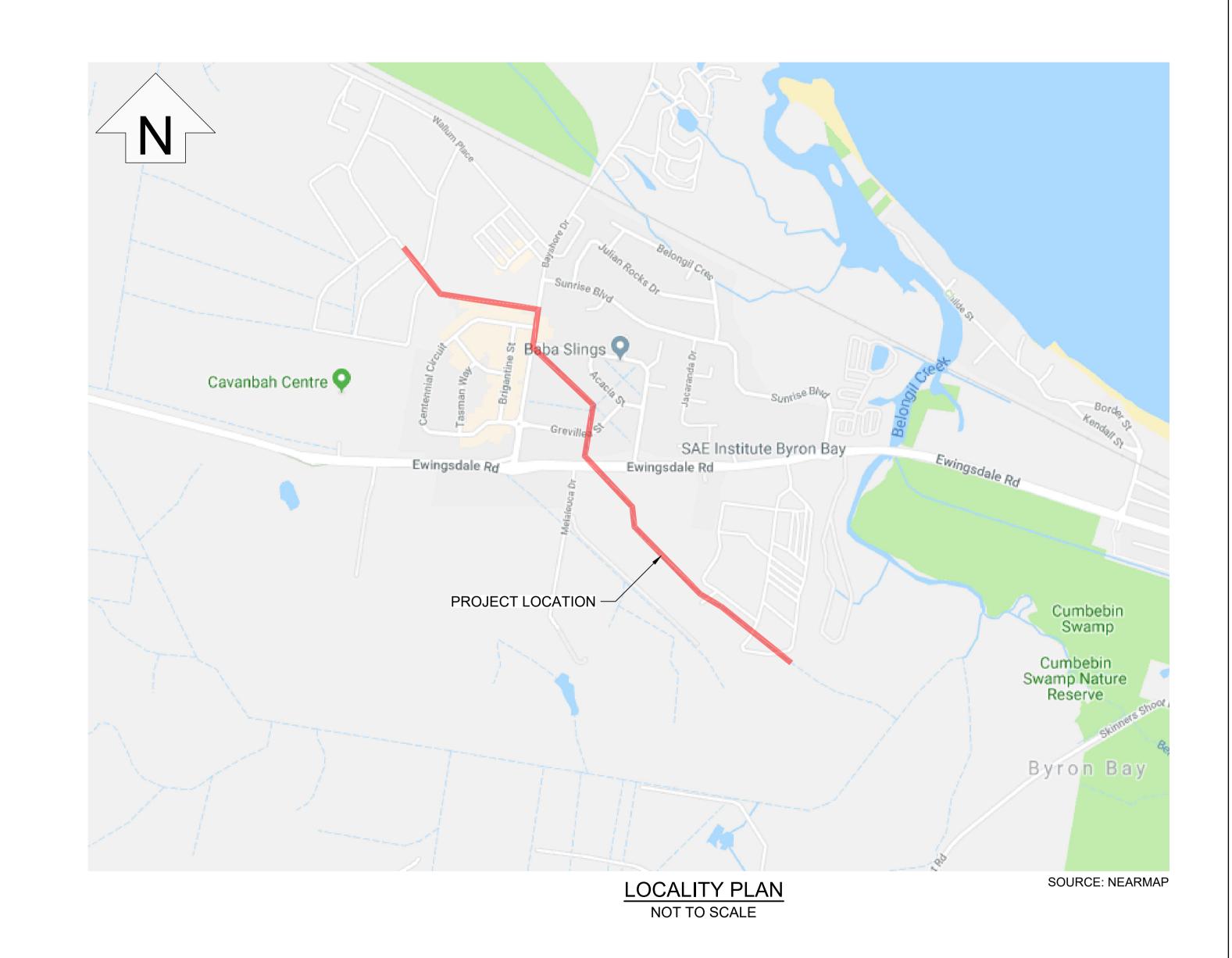
BYRON SHIRE COUNCIL STP ADDITIONAL FLOW PATH



	DRAWING REGISTER	
DRAWING NUMBER	TITLE	REVISION
0000 GENERAL		
0001	COVER SHEET AND DRAWING REGISTER	С
0010	GENERAL NOTES	В
0020	KEY PLAN	В
0100 EROSION AND SEDIM	MENT CONTROL	
0100	EROSION AND SEDIMENT CONTROL STANDARD DETAILS	А
0200 ADDITIONAL FLOW P	ATH DISCHARGE MAIN	
0200	ADDITIONAL FLOW PATH DISCHARGE MAIN - SHEET 1 OF 2	С
0201	ADDITIONAL FLOW PATH DISCHARGE MAIN - SHEET 2 OF 2	С
0210	PRESSURE MAIN TRENCHING AND CONSTRUCTION DETAILS	В
0300 SHARED PATH		
0300	PATH PLAN - SHEET 1 OF 2	В
0301	PATH PLAN - SHEET 2 OF 2	В
0310	DETAIL PLAN 1	В
0311	DETAIL PLAN 2	В
0312	DETAIL PLAN 3	В
0320	TYPICAL PATH SECTIONS	А
0330	CONSTRUCTION DETAILS	В
0340	LONGITUDINAL SECTIONS PATH 01 - SHEET 1 OF 2	А
0341	LONGITUDINAL SECTIONS PATH 01 - SHEET 2 OF 2	А
0342	LONGITUDINAL SECTIONS PATH 02 & 03	А
0350	CROSS SECTIONS PATH 01 - SHEET 1 OF 2	А
0351	CROSS SECTIONS PATH 01 - SHEET 2 OF 2	А
0352	CROSS SECTIONS PATH 02	Α
0400 DRAIN CLEARING		
0400	DRAIN CLEARING	В

REFERENCED STANDARD DRAWINGS													
SOURCE	DRAWING NUMBER	TITLE	REVISION										
NRLG	R-04	KERB RAMP	С										
NRLG	R-07	CONCRETE FOOTPATH DETAIL	В										
IPWEA	RS-131	ROAD FURNITURE - TRAFFIC SIGN INSTALLATION DETAILS	E										
RMS	R0800-37	HOLDING RAIL (U-RAIL) DETAILS	-										

CAD FILE: T:\J5908 - BYRON BAY STP ADDITIONAL FLOW PATH DETAILED DESIGN\6 - CAD\0001 COVER SHEET AND DRAWING REGISTER.DWG PLOTTED BY: BRENDANT PLOT DATE: 3/03/2020 2:26:24 PM



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							accepts no responsibility to any third party who may use		TELEPHONE: 02 6687 4666		84,	
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- 1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE FOLLOWING DOCUMENTS:
 - OTHER PROVIDED ENGINEERING DRAWINGS;
 - TECHNICAL SPECIFICATIONS;
 - SUPPLEMENTARY SPECIFICATIONS;
 - WRITTEN INSTRUCTIONS.
- 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 DRAINAGE PIPES DURING CONSTRUCTION. STRUCTURES SHALL BE MAINTAINED IN A STABLE POSITION AND NO PART SHALL BE OVERSTRESSED.
- 4. ALL LOCATIONS, ORIENTATION AND LEVELS SHALL BE VERIFIED ON SITE BEFORE COMMENCING ANY WORK. DISCREPANCIES SHALL BE REFERRED TO THE SITE SUPERINTENDENT.
- 5. DO NOT OBTAIN DIMENSIONS FROM SCALING.
- 6. NATURAL SURFACE LEVELS ON THE DRAWINGS ARE INDICATIVE
- 7. ANY PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF PERMANENT OR TEMPORARY WORKS SHALL BE OBTAINED BY THE
- 8. NORTHERN RIVERS LOCAL GOVERNMENT STANDARD DETAILS ARE TO BE ADOPTED UNLESS STATED OTHERWISE.

ROADWORKS

- NOTWITHSTANDING THE DETAILS SHOWN ON THE DRAWINGS ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NORTHERN RIVERS LOCAL GOVERNMENT STANDARD SPECIFICATIONS AND DRAWINGS.
- 2. GEOTECHNICAL TEST RESULTS ARE TO BE FORWARDED TO THE SUPERINTENDENT PRIOR TO FINAL BOXING. TESTS SHALL INCLUDE SOAKED CBR AND/OR OTHER TESTS AS REQUESTED BY THE SUPERINTENDENT. THESE TESTS SHALL BE USED TO CONFIRM THE PAVEMENT DESIGN SHOW ON THESE DRAWINGS.
- 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.
- 4. WORK TO ANY SERVICES SHOULD BE DONE IN CONSULTATION WITH THE APPROPRIATE SERVICE PROVIDER.
- EXISTING DRIVEWAYS WITHIN THE LIMITS OF THE CONSTRUCTION WORKS SHALL BE PROTECTED FROM DAMAGE. ANY DAMAGE TO DRIVEWAYS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE
- 6. ENTRY INTO EXISTING PROPERTIES SHALL BE MAINTAINED AT ALL
- 7. TEMPORARY WARNING SIGNS TO BE ERECTED AS PER RMS SPECIFICATION G10, CURRENT EDITION.

SIGNAGE

- 1. FINAL SIGN LOCATIONS TO BE DETERMINED ON SITE BY THE SUPERINTENDENT
- 2. ALL TRAFFIC SIGNS TO BE SIZE 'A' U.N.O.
- 3. FOR TRAFFIC SIGN SUPPORT DETAILS, REFER IPWEA SSTANDARD DRAWING RS-131.
- 4. ALL SIGN MATERIAL TO BE CLASS 1.
- 5. ALL SIGNAGE, LINE MARKING & RRPMs ARE TO BE PREPARED IN ACCORDANCE WITH AS 1742.

DRAINAGE

- 1. ALL DRAINAGE STRUCTURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING DOCUMENTS:
- NORTHERN RIVERS LOCAL GOVERNMENT DRAWINGS AND SPECIFICATIONS;
- ANY MANUFACTURER'S STANDARD DRAWINGS AND SPECIFICATIONS.
- 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 THE STATUTORY AUTHORITIES WHERE APPLICABLE.
- STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE ASSESSMENT OF CONSTRUCTION LOADS AND PROVISIONS OF ANY TEMPORARY

- BRACING, PROPPING ETC. REQUIRED DURING CONSTRUCTION. STRUCTURES SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED
- 4. PRECAST REINFORCEMENT CONCRETE PIPES ARE TO BE MANUFACTURED IN ACCORDANCE WITH AS 4058 AND AS 1992.
- 5. ALL STORMWATER PIPES SHALL BE CLASS '2' RCP. U.N.O. 6. ALL PIPES UP TO AND INCLUDING Ø600 ARE TO BE RUBBER RING
- JOINTED. ALL PIPES ABOVE Ø600 ARE TO BE FLUSH JOINTED U.N.O. 7. HEADWALL END STRUCTURES TO BE TYPE A, CAST IN SITU CONCRETE WITH CONCRETE APRONS (INCLUDING CUT OFF WALLS) U.N.O. REFER TO NORTHERN RIVERS LOCAL GOVERNMENT STANDARD DRAWINGS FOR DETAILS.
- 8. PRECAST END STRUCTURES MAY BE USED ON CULVERTS LESS THAN OR EQUAL TO 15° SKEW, SUBJECT TO THE APPROVAL OF THE SUPERINTENDENT. PRECAST END STRUCTURES SHALL BE CONSTRUCTED WITH A REINFORCED CONCRETE CUT OFF WALL AS DETAILED FOR TYPE 3 APRONS BY NORTHERN RIVERS LOCAL GOVERNMENT.
- 9. EXISTING STORMWATER DRAINAGE PIPES AND MANHOLES WITHIN THE LIMIT OF WORK SHALL BE PROTECTED, REMOVED OR MODIFIED AS SPECIFIED.
- 10. WHERE A CONNECTION IS MADE TO AN EXISTING DRAINAGE PIPE OR PIT, THE LEVEL OF THAT ELEMENT MUST BE SURVEYED PRIOR TO CONSTRUCTION. THE SURVEYED LEVELS SHALL BE PROVIDED TO THE SITE SUPERINTENDENT TO CONFIRM THE CONNECTION AND LEVELS PRIOR TO CONSTRUCTION.
- 11. BACKFILL AND BEDDING TO PIPE TO BE IN ACCORDANCE WITH NORTHERN RIVERS LOCAL GOVERNMENT STANDARD DRAWINGS AND SPECIFICATIONS.
- 12. UNSUITABLE FOUNDING MATERIAL FOR PIPES AND STRUCTURES SHALL BE REMOVED OR IMPROVED IN ACCORDANCE WITH NORTHERN RIVERS LOCAL GOVERNMENT SPECIFICATIONS.
- 13. ALL TRENCH BACK FILL MATERIAL UNDER THE PAVEMENT SHALL BE CBR 15 OR APPROVED EQUIVALENT.
- 14. STEEL GRATES AND FRAMES ARE TO BE FABRICATED FROM MILD STEEL AND HOT DIP GALVANISED. ALL GRATES ARE TO BE CLASS D U.N.O. AND BICYCLE SAFE IN ACCORDANCE WITH AS 3996 U.N.O.
- 15. GRATE SUPPORT TO BE CONSTRUCTED LEVEL TO ENSURE THAT THE GRATE DOES NOT ROCK AFTER INSTALLATION.
- 16. ALL LEVELS ARE APPROXIMATE ONLY AND ARE SUBJECT TO FULL DETAIL SURVEY OF THE EXISTING STRUCTURE.
- 17. THE THICKNESS OF THE RIP-RAP PROTECTION SHALL BE TWICE THE D50 STONE SIZE SPECIFIED ON THE DRAWINGS.
 - 17.1. THE STONE SHALL BE REASONABLY WELL GRADED THROUGHOUT THE RIP-RAP LAYER. STONE SIZE SHALL BE DEPENDENT ON THE D50 VALUE SPECIFIED ON THE DRAWINGS. D10 SHALL BE 0.5xD50 AND D90 SHALL BE 1.35xD50. STONES SMALLER THAN THE SPECIFIED D10 ARE NOT TO EXCEED 20% BY WEIGHT OF EACH LOAD.
- 17.2. ROCK IS TO BE HARD, DENSE, DURABLE, RESISTANT TO WEATHERING AND ANGULAR IN SHAPE. IT SHALL BE FREE FROM OVERBURDEN, SPOIL SHALE AND ORGANIC MATTER. ROCK THAT IS LAMINATED, FRACTURED, POROUS OF OTHERWISE PHYSICALLY WEAK SHALL NOT BE USED.
- 17.3. AS AN APPROXIMATE GUIDE TO STONE SHAPE: THE BREADTH OR THICKNESS OF A SINGLE STONE SHOULD NOT BE LESS THAN ONE-THIRD ITS LENGTH. ROUND MATERIAL CAN BE USED AS RIP-RAP, PROVIDED IT IS NOT PLACED ON SLOPES GREATER THAN 1:3.

CONCRETE

- COMPLY WITH AS 3600.
- 2. DESIGN AND CONSTRUCT FORMWORK IN ACCORDANCE WITH AS
- 3. PROVIDE QUALITY OF FINISHES OF FORMED SURFACES IN ACCORDANCE WITH AS 3610 AND AS FOLLOWS U.N.O. ON DRAWINGS:
 - EXPOSED SURFACES CLASS 3;
 - CONCEALED SURFACES CLASS 4:
- IN CONTACT WITH GROUND CLASS 5.
- 4. THE LISTED SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES. PROVIDE CHAMFERS, FILLETS, REGLETS AND DRIP GROOVES AS SHOWN ON THE STRUCTURAL DRAWINGS.
- DO NOT MAKE ANY PENETRATIONS OR CHASES OR EMBED ANY ITEMS OTHER THAN THOSE SHOWN IN THE STRUCTURAL
- DRAWINGS WITHOUT APPROVAL OF THE ENGINEER. 6. FORM CONSTRUCTION JOINTS ONLY WHERE APPROVED BY THE **ENGINEER**
- 7. REINFORCEMENT SYMBOLS:
- "S" DENOTES GRADE 250S HOT ROLLED DEFORMED BAR TO AS
- "Y" DENOTES GRADE 400Y HOT ROLLED DEFORMED BAR TO AS

1302;

"W" DENOTES HARD-DRAWN PLAIN WIRE TO AS 1303:

- "R" DENOTES GRADE 250R HOT ROLLED PLAIN BAR TO AS 1303;
- "RF" & "L" DENOTES HARD DRAWN RIBBED WIRE FABRIC TO AS
- "N" DENOTES GRADE 500N HOT ROLLED DEFORMED BAR TO AS
- THE NUMBER FOLLOWING THE BAR SYMBOL IS THE BAR DIAMETER
- PROVIDE COVER TO REINFORCEMENT AS FOLLOWS:

ELEMENT COVER **PAVEMENTS** 40mm TOP

- CONCRETE IN CONTACT WITH GROUND SUPPORT REINFORCEMENT IN ITS CORRECT POSITION DURING CONCRETING BY APPROVED BAR CHAIRS, SPACERS OR SUPPORT BARS SUITABLE FOR THE EXPOSURE CONDITIONS.
- 10. LAP BAR REINFORCEMENT AS FOLLOWS U.N.O. ON DRAWINGS:
- N12 550mm
- N16 750mm
- N20 950mm
- N24 1100mm
- N28 1300mm N32 1500mm
- N36 1700mm
- N42 1900mm
- 11. BARS WITH MORE THAN 300mm OF CONCRETE UNDER THEM SHALL HAVE LAPS 1.25 TIMES THESE LENGTHS.
- 12. LAP MESH REINFORCEMENT BY ONE COMPLETE MESH.
- 13. DO NOT WELD OR SITE BEND REINFORCEMENT UNLESS SHOWN IN

THE DRAWINGS OR OTHERWISE SPECIFIED BY THE ENGINEER.

- 14. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND IS NOT NECESSARILY SHOWN IN TRUE PROJECTION.
- 15. PROVIDE PREMIX CONCRETE FOR EACH ELEMENT AS FOLLOWS: GRADE MAX AG SLUMP ELEMENT PAVEMENTS 20mm
- MASS CONCRETE N20 20mm 16. SAMPLE TEST AND ASSESS CONCRETE COMPLIANCE IN ACCORDANCE WITH PROJECT ASSESSMENT OF STRENGTH GRADE TO SECTION 20 OF AS 3600.
- 17. THE CONCRETE SHALL BE COMPACTED USING HIGH-FREQUENCY VIBRATORS.
- 18. ALL SLABS SHALL BE PLACED AT THE SAME TIME AS BEAMS OF WHICH THEY FORM PART.
- 19. TRIM ALL PENETRATIONS LESS THAN 300mm WITH 2 N16 BARS EACH SIDE, EACH FACE AND DISPLACE REINFORCEMENT EACH
- 20. CURING OF ALL CONCRETE SURFACES SHALL COMMENCE IMMEDIATELY AFTER SURFACES ARE FINISHED AS SPECIFIED AND SHALL CONTINUE FOR A MINIMUM OF 7 DAYS.
- 21. ADMIXTURES SHALL NOT BE USED WITHOUT THE WRITTEN
- 22. CEMENT SHALL BE TYPE A NORMAL CLASS PORTLAND CEMENT 23. MAXIMUM 56 DAY SHRINKAGE STRAIN TO BE 65µ WHEN TESTED IN

EROSION AND SEDIMENT CONTROL

ACCORDANCE WITH AS 1012.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN WHICH IS TO BE PROVIDED FOR APPROVAL PRIOR TO CONSTRUCTION COMMENCING.
- 2. ALL CONTROL MEASURES SHALL BE IN ACCORDANCE WITH "NORTHERN RIVERS LOCAL GOVERNMENT DEVELOPMENT DESIGN SPECIFICATION D7 EROSION CONTROL AND STORMWATER MANAGEMENT"
- 3. THE CONTRACTOR SHALL INFORM ALL STAFF AND SUB-CONTRACTORS OF THEIR OBLIGATIONS UNDER THE EROSION AND SEDIMENT CONTROL PLAN.
- 4. CONTROL MEASURES SHALL BE IN PLACE PRIOR TO EACH SITE
- 5. ALL WORKS ARE TO BE INSPECTED, AND MAINTAINED WHERE NECESSARY, ON A WEEKLY BASIS AND AFTER EACH RAIN EVENT
- 6. ADEQUATE MEASURES SHALL BE TAKEN TO PREVENT DUST FROM AFFECTING THE AMENITY OF THE NEIGHBOURHOOD DURING CONSTRUCTION. WATER SITE AS REQUIRED TO PREVENT DUST GENERATION. USE TEMPORARY SPRINKLERS AS REQUIRED.
- 7. ALL WORKS ON SITE SHALL STOP WHEN WIND SPEED REACHES
- 8. CLEANING OF FOOTPATHS AND ROADWAYS SHALL BE CARRIED **OUT REGULARLY**

TURF AND VERGE AREAS TO BE REINSTATED WHEN DISTURBED

DURING CONSTRUCTION. 10. STOCKPILES TO BE AWAY FROM OVERLAND FLOW PATHS.

WATER

- 1. NOTWITHSTANDING THE DETAILS SHOWN ON THE DRAWINGS, ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NORTHERN RIVERS LOCAL GOVERNMENT DEVELOPMENT CONSTRUCTION SPECIFICATION C401.
- 2. ALL FITTINGS SHALL BE D.I.C.L. PN20 RUBBER RING JOINTED SPIGOT AND SOCKET TO AS 2280-1986, UNLESS NOMINATED OTHERWISE.
- 3. 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**
- 5. ALL TRENCH BACK FILL MATERIAL UNDER ROAD PAVEMENT SHALL BE CBR 15 OR APPROVED EQUIVALENT.
- 6. 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.
- 7. 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 BEING SPREAD ON THE SITE. UNDER NO CIRCUMSTANCES SHALL PIECES OF AC MAIN BE LEFT ON NATURE STRIPS, ROADWAYS OR FOOTPATHS.
- AIR VALVES, SCOUR VALVES AND PIT ASSEMBLIES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE NORTHERN RIVERS LOCAL GOVERNMENT CONSTRUCTION SPECIFICATION C401.

NOT FOR CONSTRUCTION

PLANI

BYRON SHIRE COUNCIL

BYRON BAY STP FLOW PATH DRAWING TITLE **GENERAL NOTES**

DRAWING No.:

0010

LOCAL GOVERNMENT AUTHORITY: ORIGINAL SIZE: PLANIT JOB No. BYRON SHIRE COUNCIL J5908

CHECK APPROVED SCALES: DESCRIPTION DATE DRAWN DESIGN ISSUED FOR REVIEW 20/06/19 BT MP MP **ISSUED FOR REVIEW** 03/03/20 BT ВТ AW

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LENNOX HEAD NSW 2478

PO BOX 161

PLANIT CONSULTING

SUITE 9A, 80-84 BALLINA STREET

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LEGEND WORKS AREA 1 - DISCHARGE MAIN - 0200 SERIES DRAWINGS - STRUCTURAL DRAWINGS WORKS AREA 2 - SHARED PATH - 0300 SERIES DRAWINGS - LANDSCAPE DRAWINGS

WORKS AREA 3 - DRAIN CLEARING - 0400 SERIES DRAWINGS

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CAD FILE: T:\J5908 - BYRON BAY STP ADDITIONAL FLOW PATH DETAILED DESIGN\6 - CAD\0020 KEY PLAN.DWG PLOTTED BY: BRENDANT PLOT DATE: 3/03/2020 2:26:47 PM

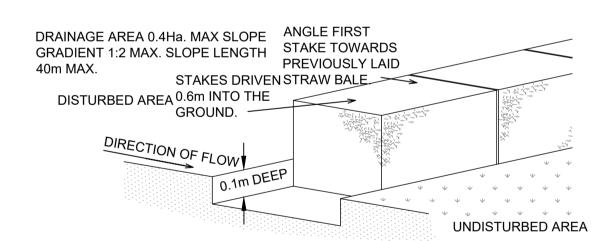
BYRON BAY STP FLOW PATH KEY PLAN

ORIGINAL SIZE: PLANIT JOB No.:

15908 LOCAL GOVERNMENT AUTHORITY:
BYRON SHIRE COUNCIL 0020 B

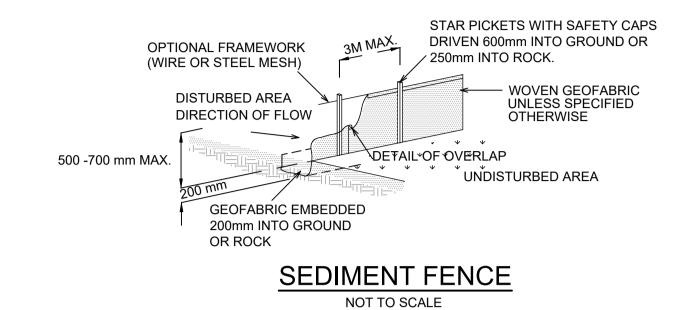
FILTER BAG TO DROP INLET PIT

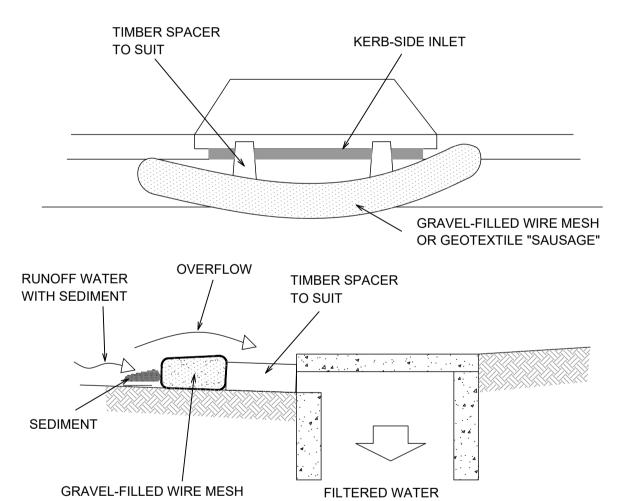
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STRAW BALE SEDIMENT FILTER

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OR GEOTEXTILE "SAUSAGE"

CONSTRUCTION NOTES

SAG POINTS.

- FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR
 WIRE MESH LONGER THAN THE LENGTH OF THE
 INI ET PIT
- FILL THE SLEEVE WITH 25mm TO 50mm GRAVEL.
 FROM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm
- HIGH x 400mm WIDE.

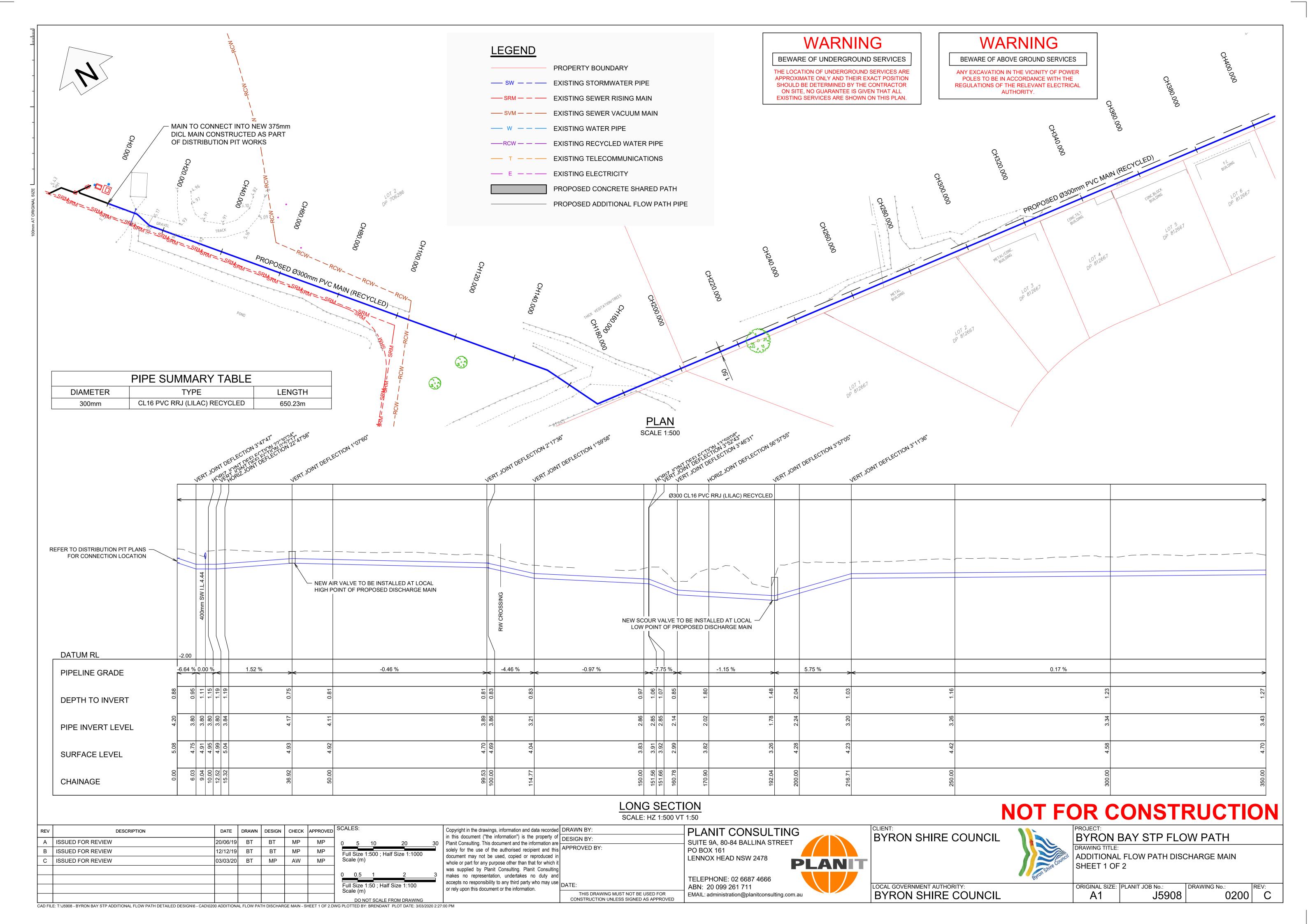
 4. PLACE THE FILTER AT THE OPENING OF THE KERB INLET OR FIELD INLET LEAVING A 100mm GAP AT THE
- TOP TO ACT AS AN EMERGENCY SPILLWAY.

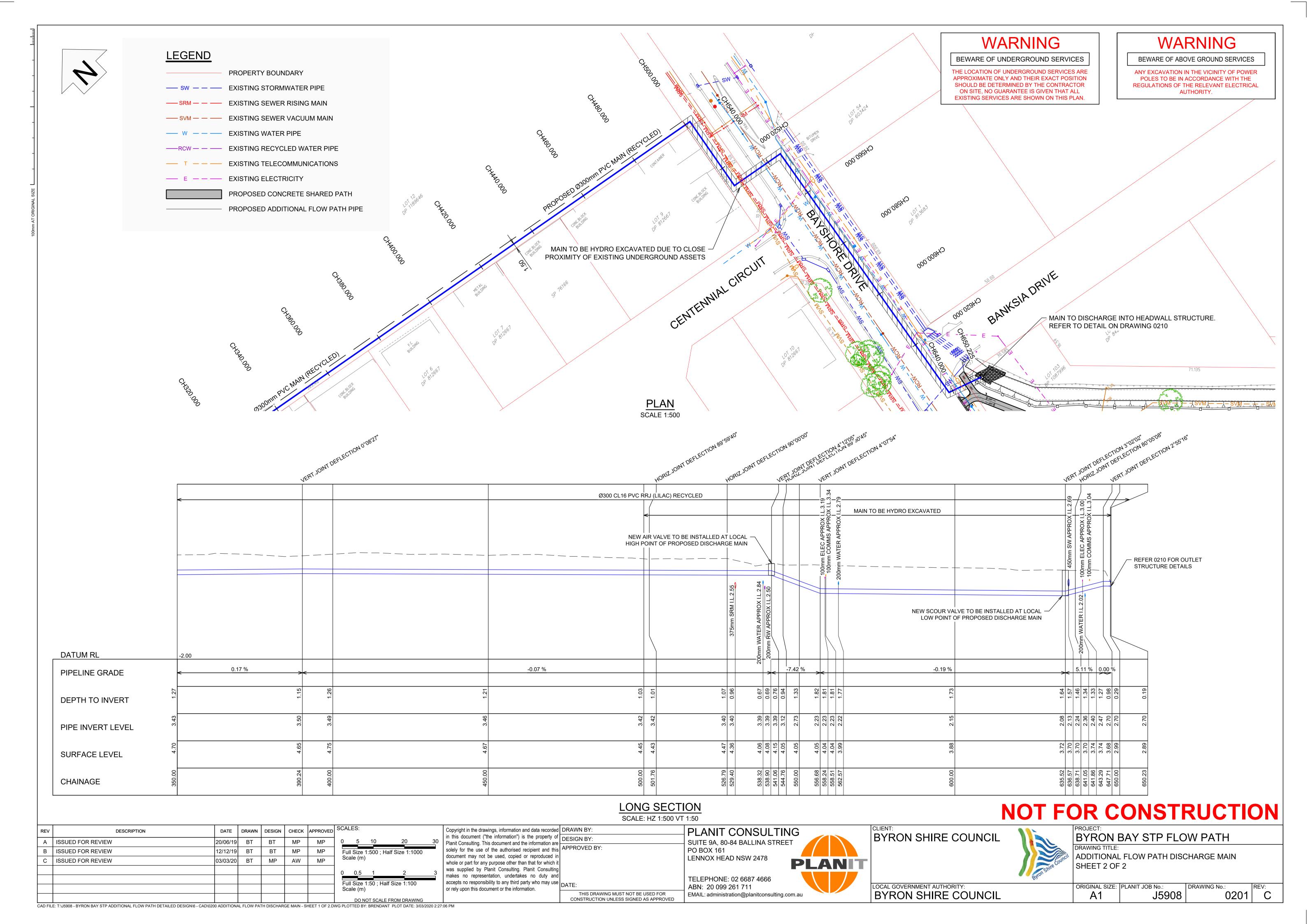
 5. MAINTAIN THE OPENING WITH SPACER BLOCKS.
- FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER.
 FIT TO ALL KERB INLETS AND FIELD INLET PITS AT

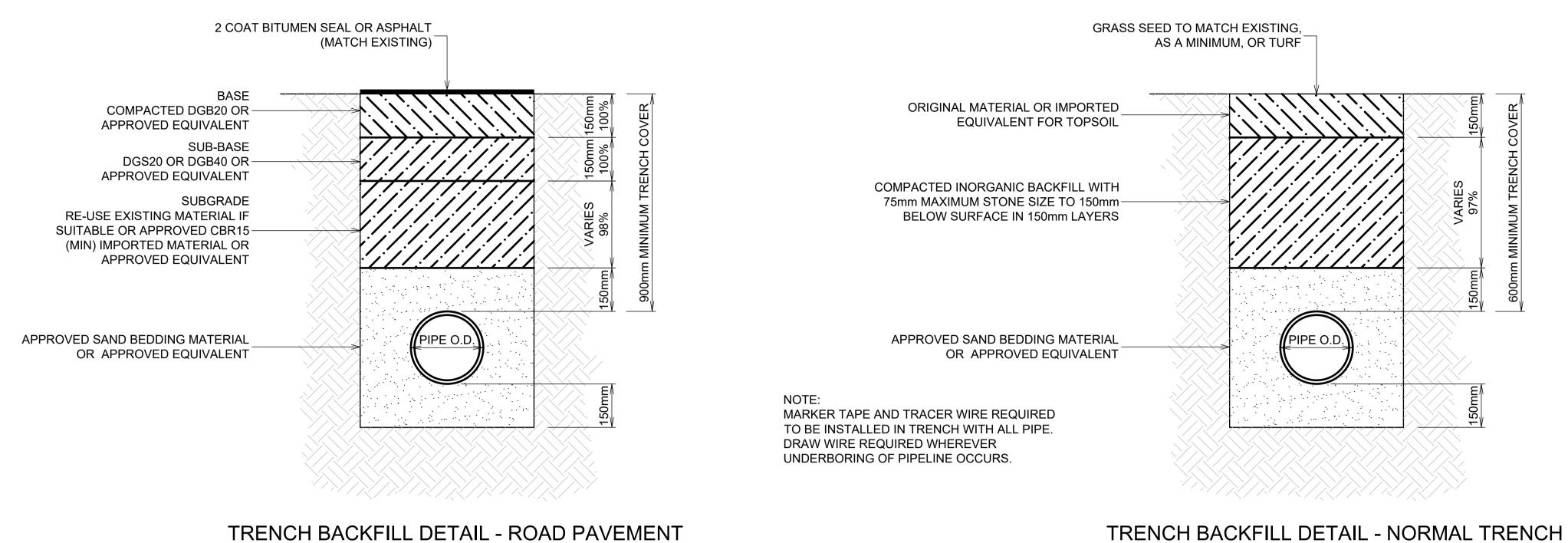
FILTER BAG TO SAG SIDE ENTRY PIT

NOT TO SCALE

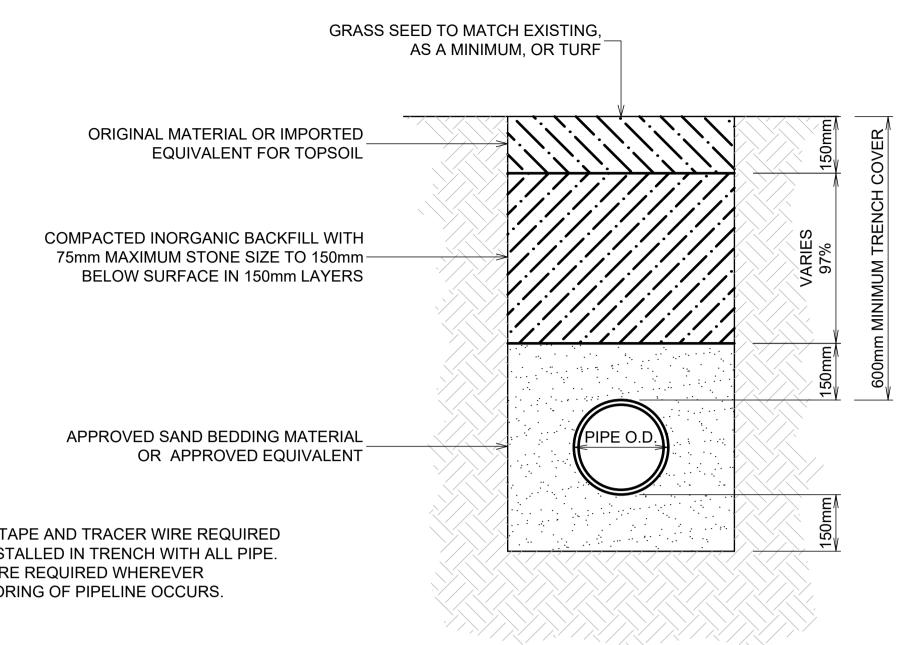
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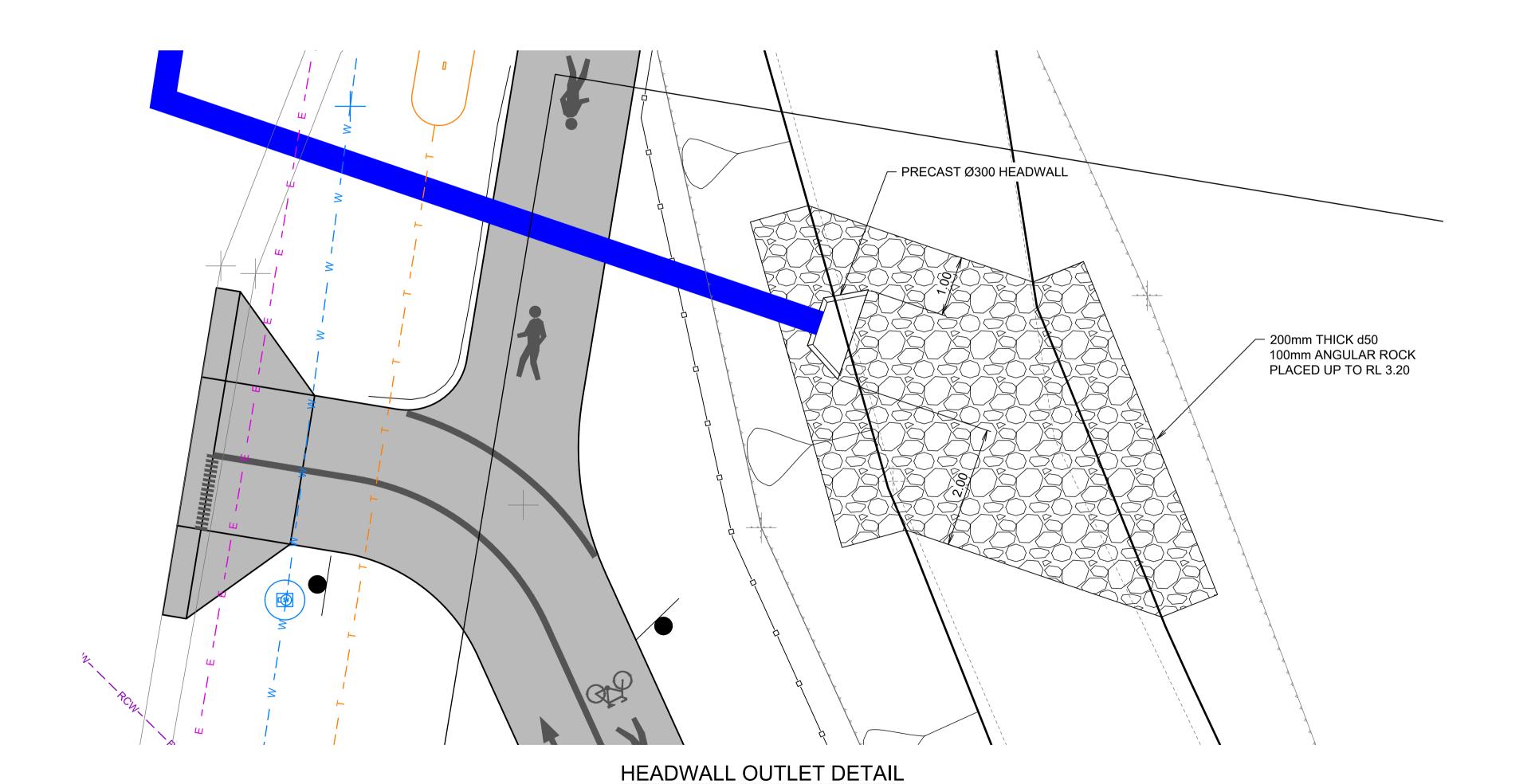


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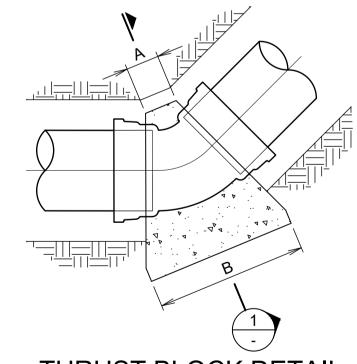


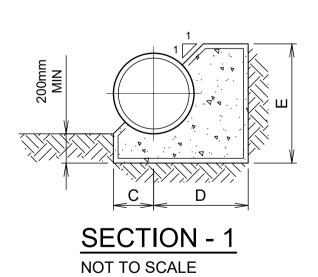
NOT TO SCALE

PRESSURE MAIN SETOUT CO-ORDINATES PT CHAINAGE EASTING NORTHING												
CHAINAGE	EASTING	NORTHING										
0.000	556499.495	6832707.468										
10.000	556505.562	6832699.519										
15.323	556506.926	6832694.373										
50.000	556528.104	6832666.915										
100.000	556558.640	6832627.322										
150.000	556589.176	6832587.730										
151.556	556590.126	6832586.498										
170.898	556597.887	6832568.782										
200.000	556626.600	6832564.039										
250.000	556675.932	6832555.892										
300.000	556725.264	6832547.744										
350.000	556774.596	6832539.597										
400.000	556823.927	6832531.449										
450.000	556873.259	6832523.301										
500.000	556922.591	6832515.154										
501.762	556924.329	6832514.867										
526.793	556920.253	6832490.170										
544.761	556937.980	6832487.243										
550.000	556937.171	6832482.067										
600.000	556929.449	6832432.667										
638.710	556923.470	6832394.422										
650.000	556934.157	6832390.783										
650.225	556934.370	6832390.711										
	CHAINAGE 0.000 10.000 15.323 50.000 100.000 150.000 151.556 170.898 200.000 250.000 300.000 350.000 400.000 450.000 501.762 526.793 544.761 550.000 600.000 638.710 650.000	CHAINAGE EASTING 0.000 556499.495 10.000 556505.562 15.323 556506.926 50.000 556528.104 100.000 55658.640 150.000 556589.176 151.556 556590.126 170.898 556597.887 200.000 556626.600 250.000 556675.932 300.000 556725.264 350.000 556774.596 400.000 556823.927 450.000 556873.259 500.000 556924.329 526.793 556920.253 544.761 556937.980 550.000 556937.171 600.000 556923.470 650.000 556934.157										



THRUST BLOCK DIMENSIONS TABLE (mm)												
ANGLE OF BENDS	Α	В	С	D	E							
11.25°	300	417	173	172	345							
22.5°	300	588	173	314	486							
45°	300	824	173	509	681							
90°	300	1120	173	753	926							





THRUST BLOCK DETAIL NOT TO SCALE

NOT FOR CONSTRUCTION

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SCALE 1:50

BYRON SHIRE COUNCIL

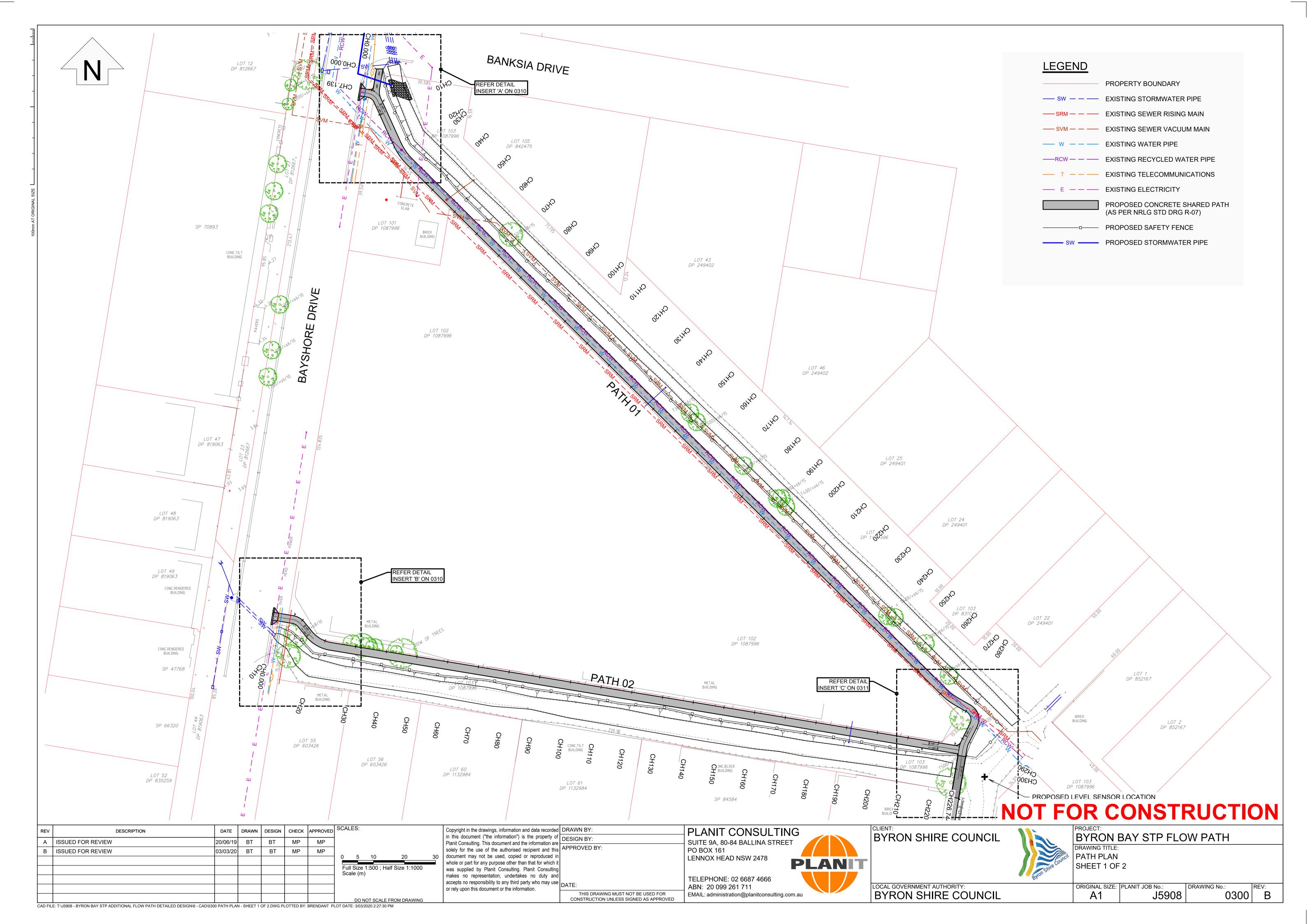
BYRON BAY STP FLOW PATH

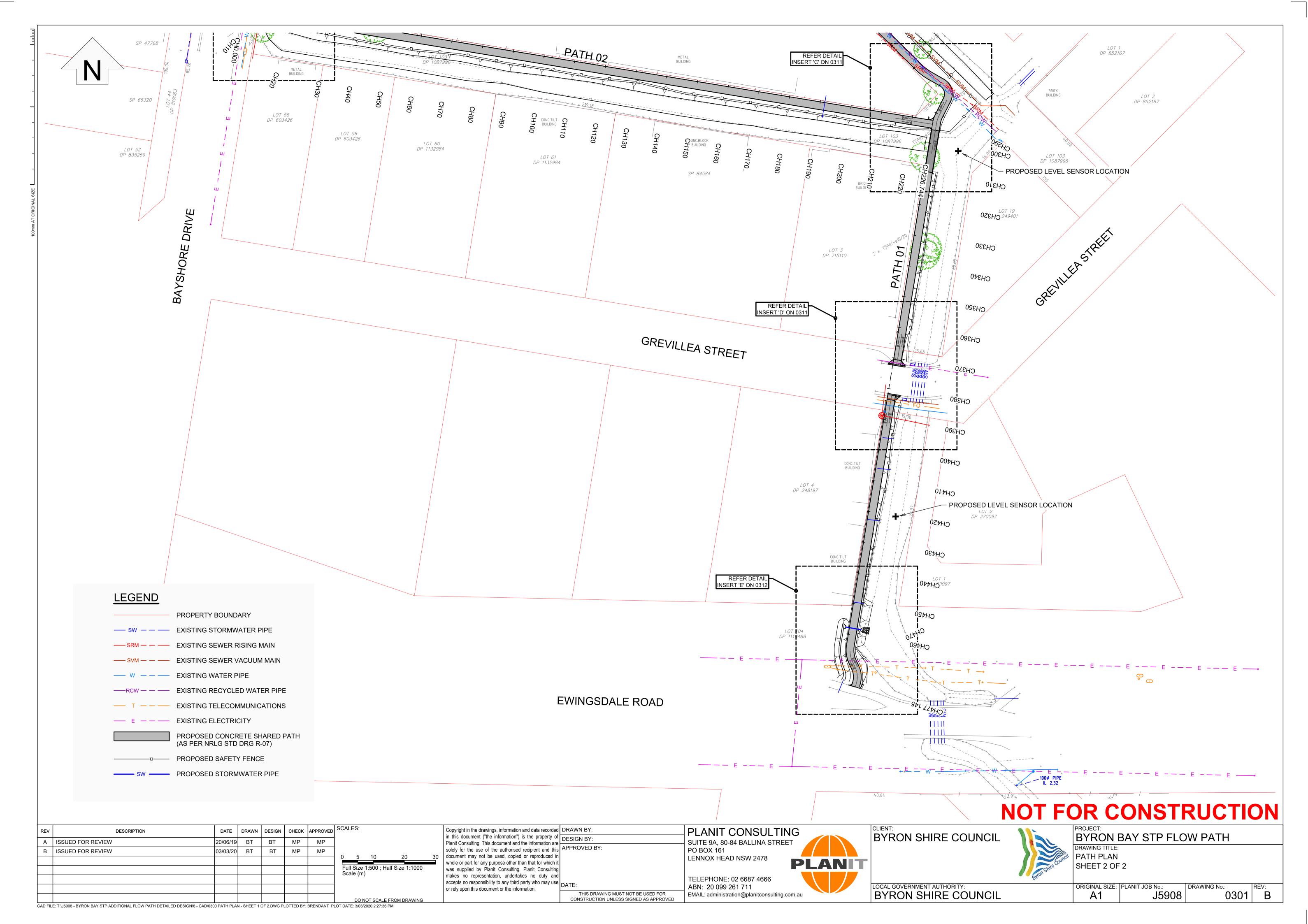
PRESSURE MAIN TRENCHING AND CONSTRUCTION DETAILS

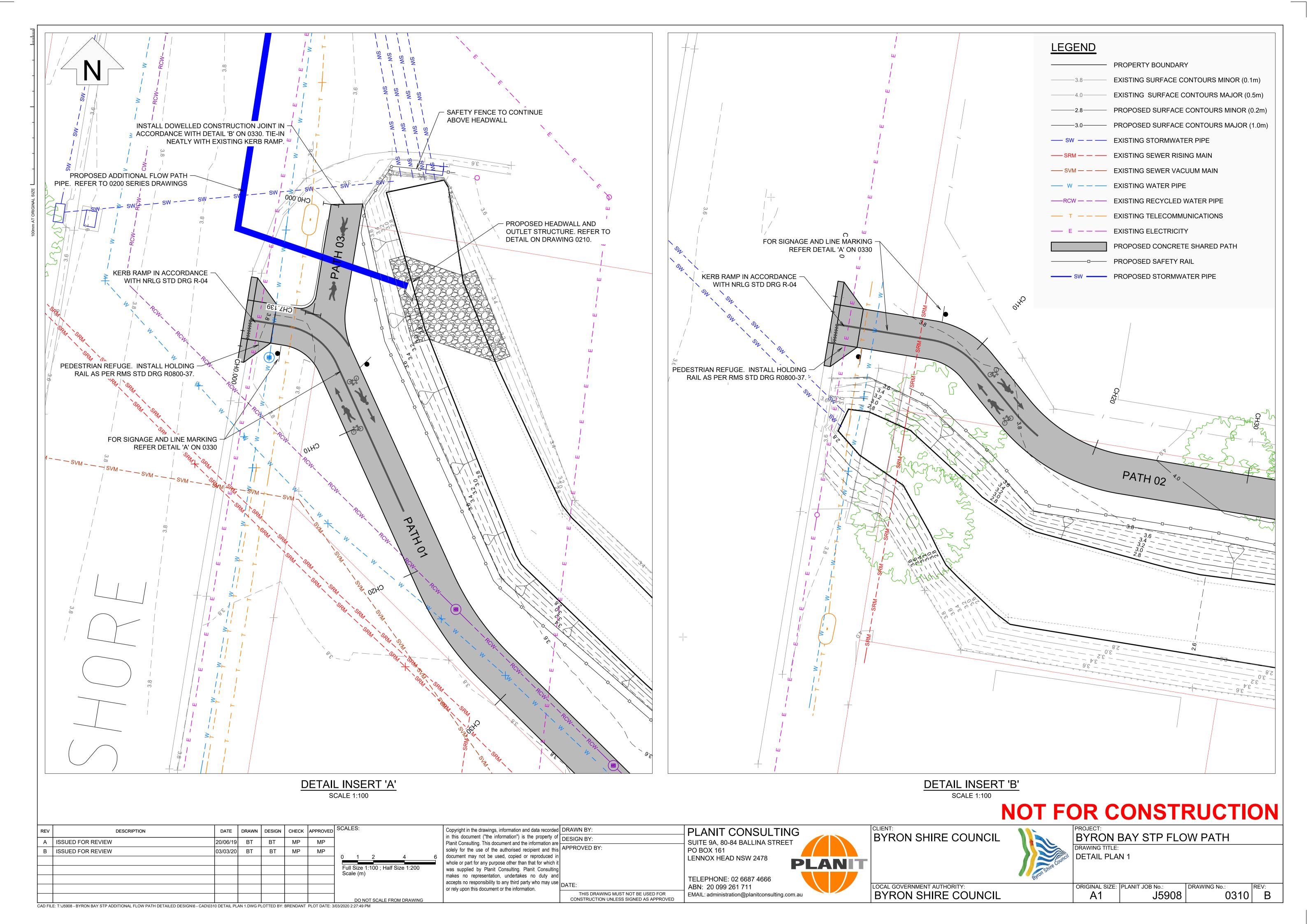
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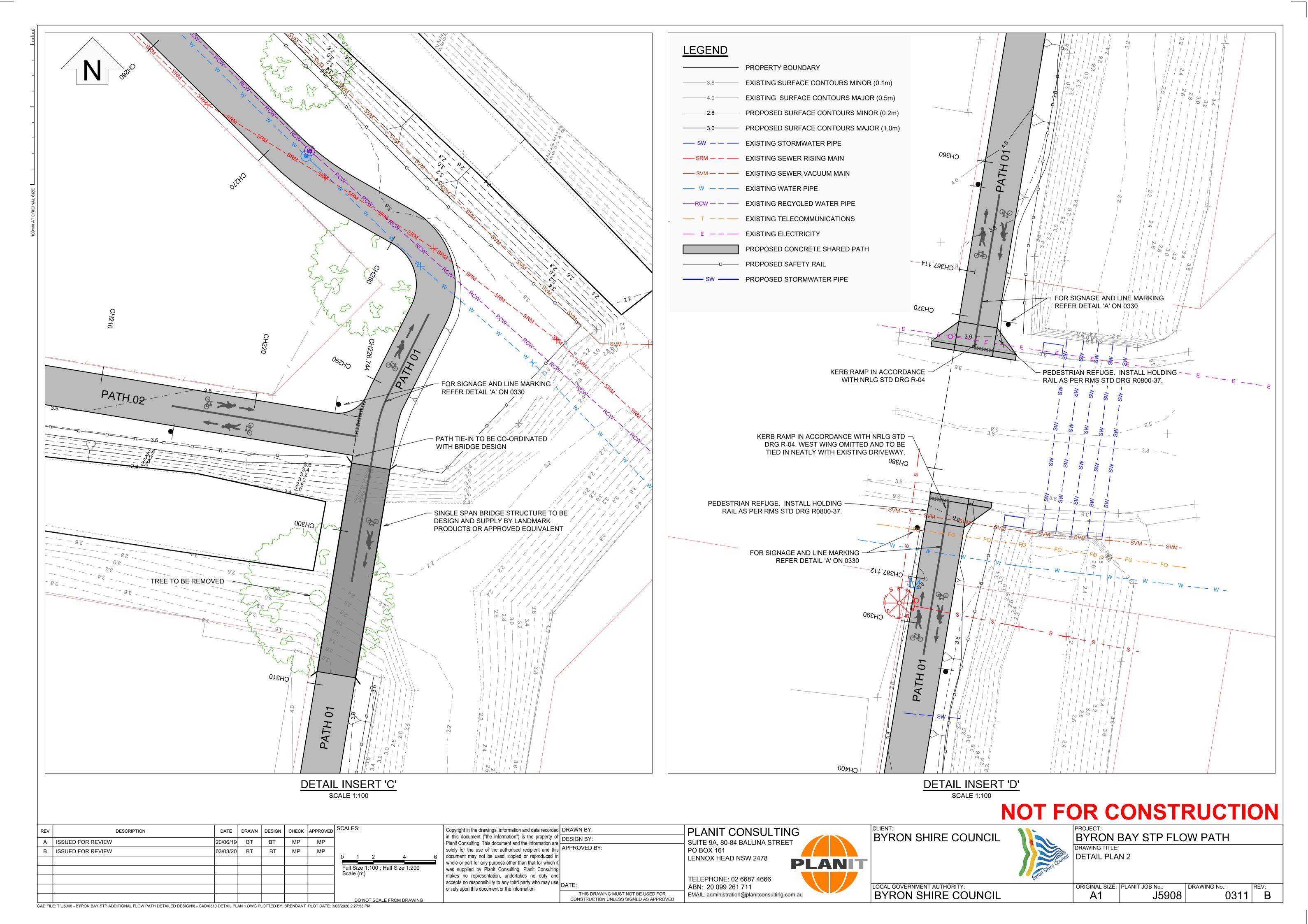
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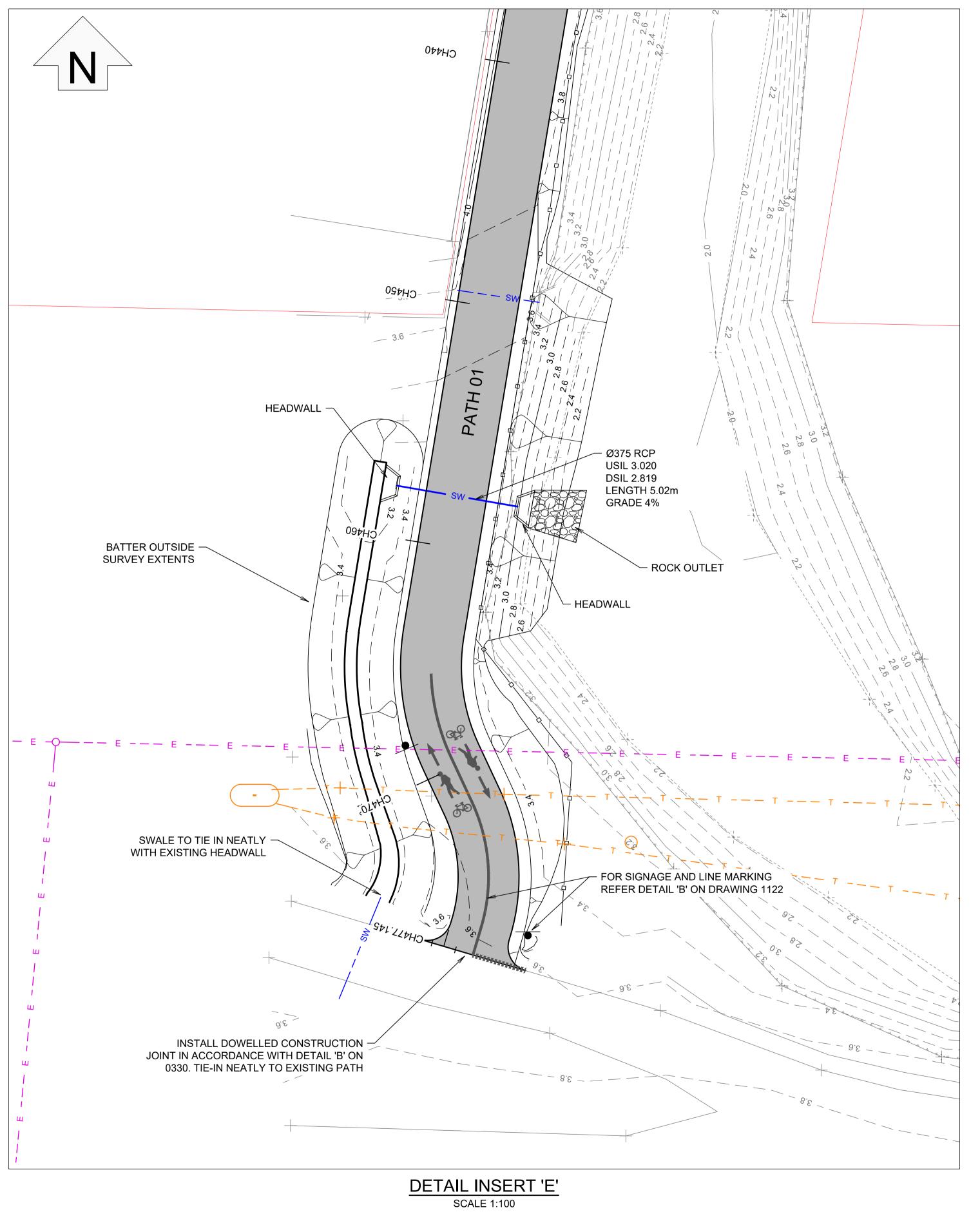
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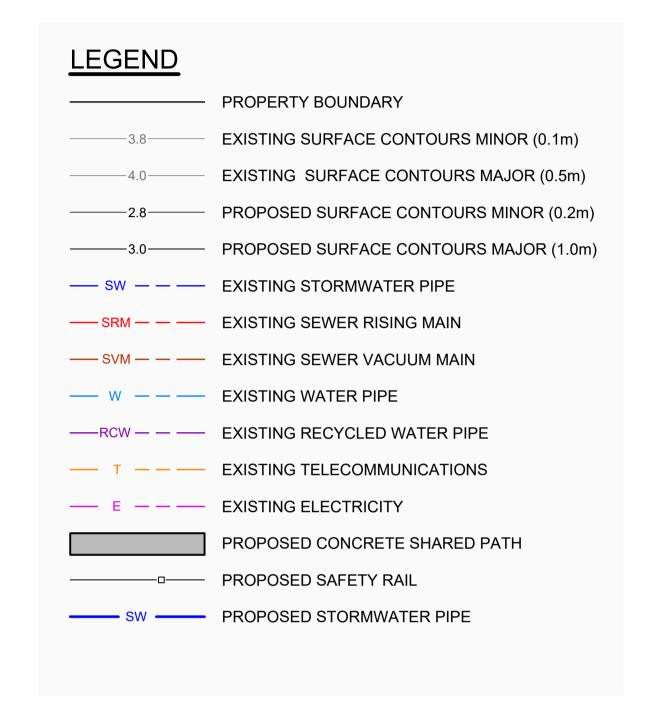












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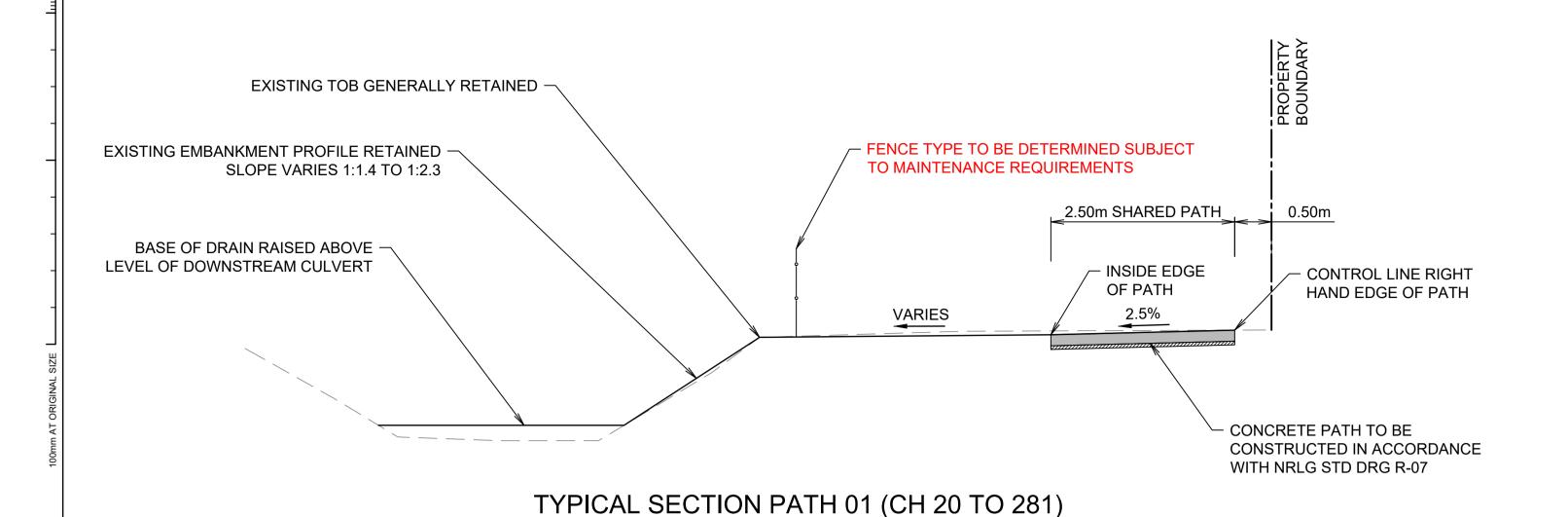
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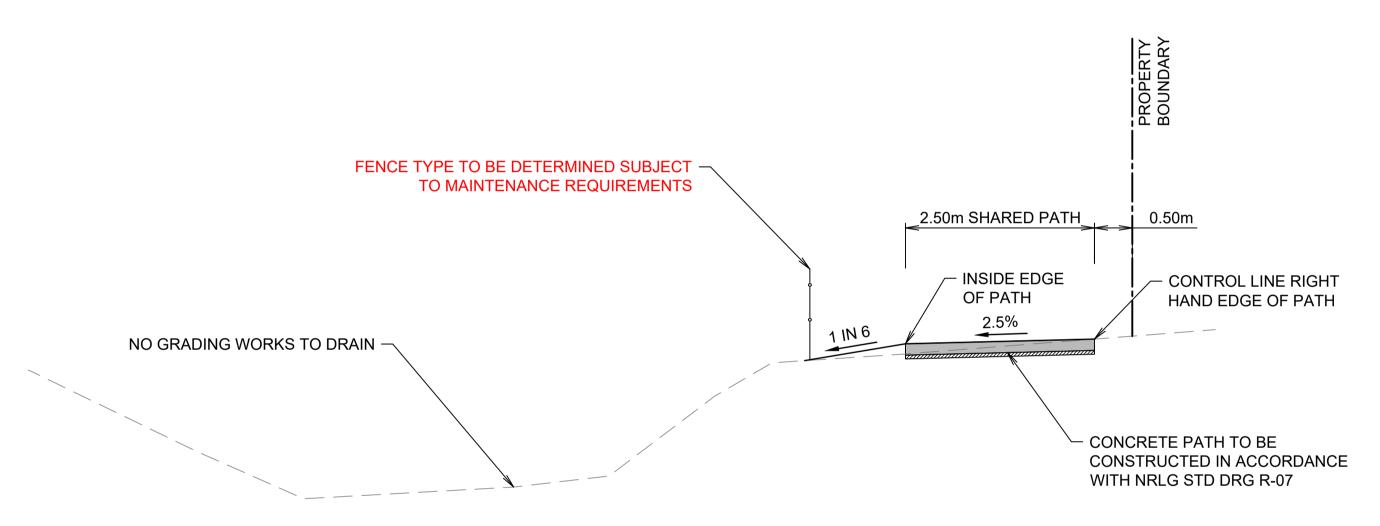
BYRON SHIRE COUNCIL

NOT FOR CONSTRUCTION BYRON BAY STP FLOW PATH DRAWING TITLE: DETAIL PLAN 3

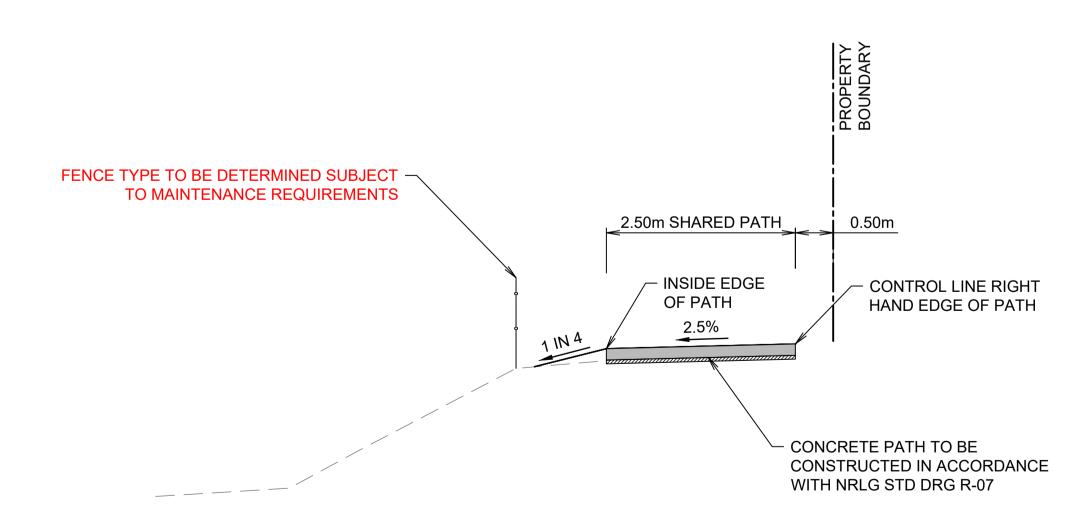
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TYPICAL SECTION PATH 01 (CH 310 TO 420)



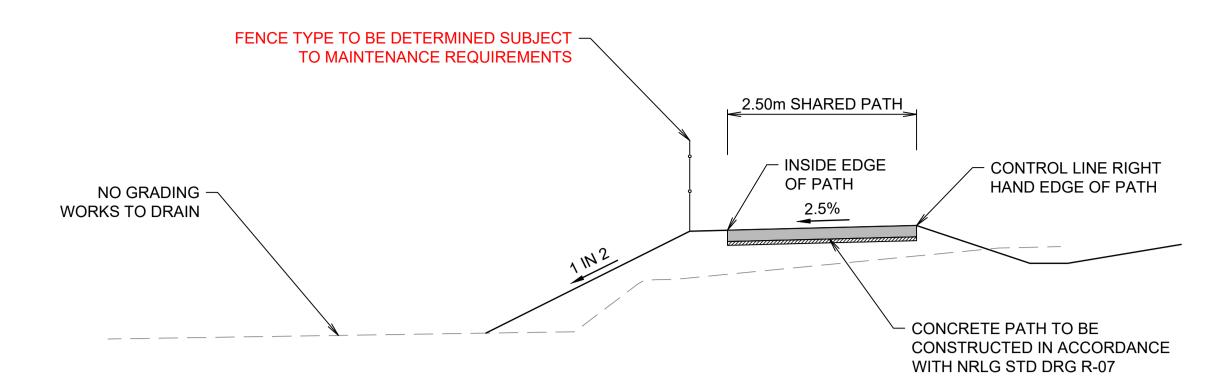
TYPICAL SECTION PATH 01 (CH 420 TO 450) SCALE 1:50

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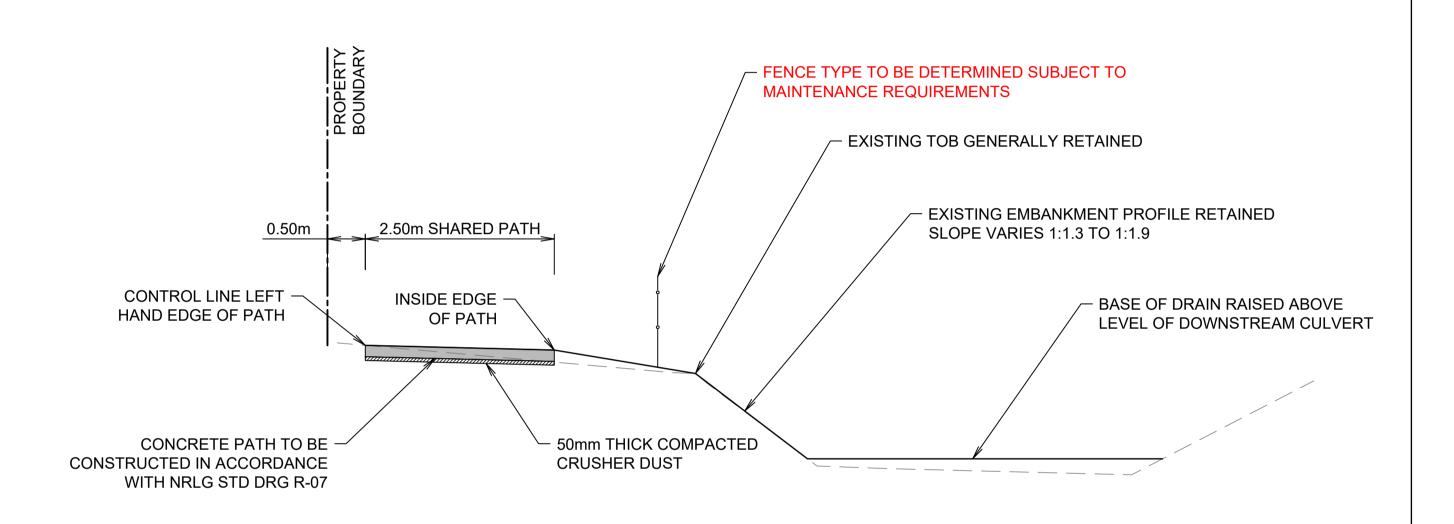
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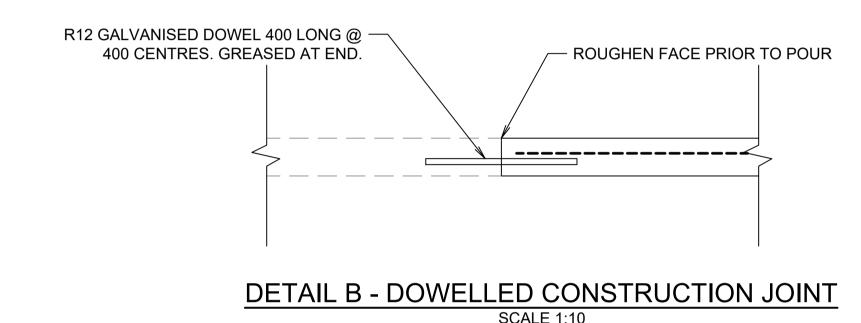


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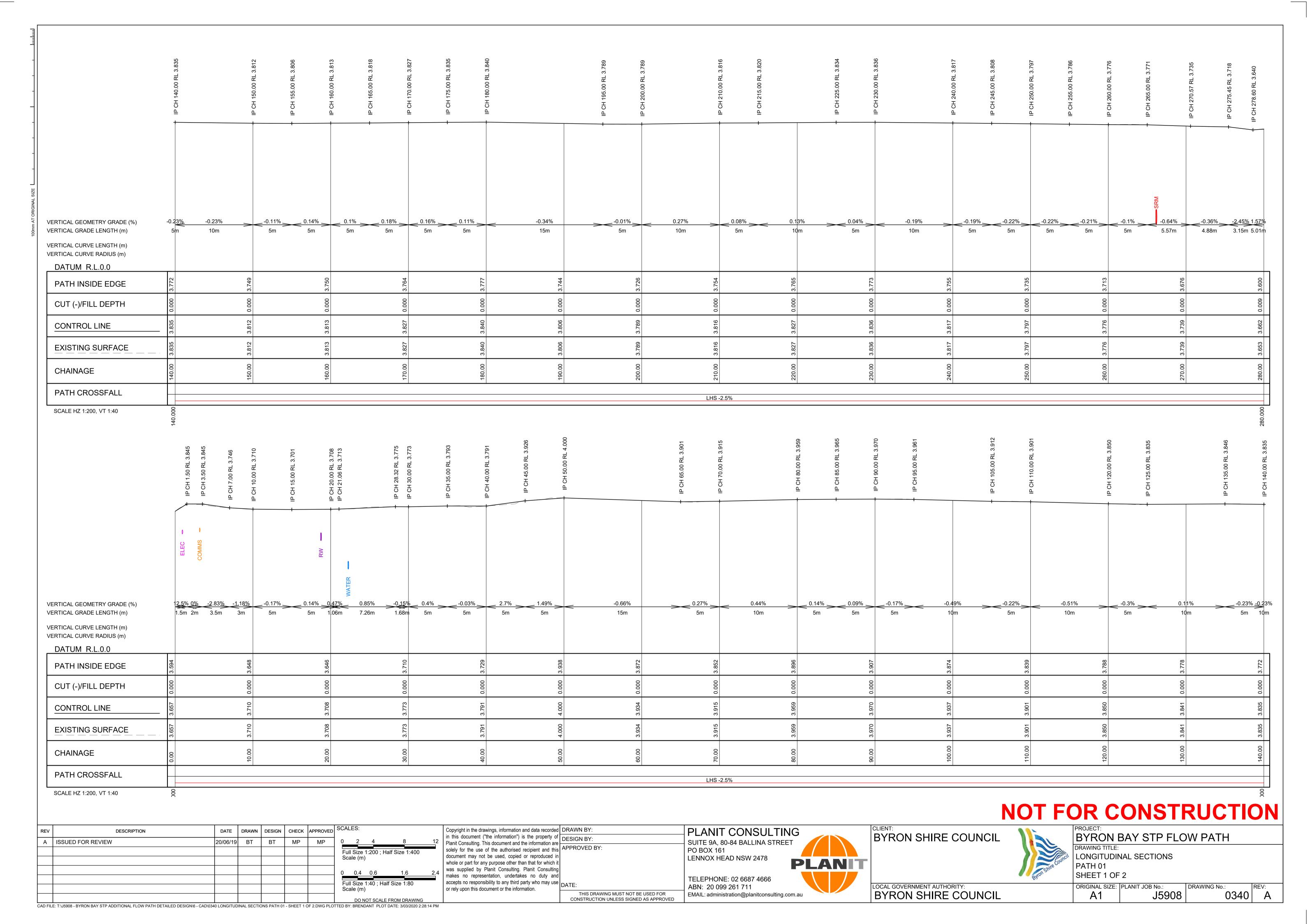


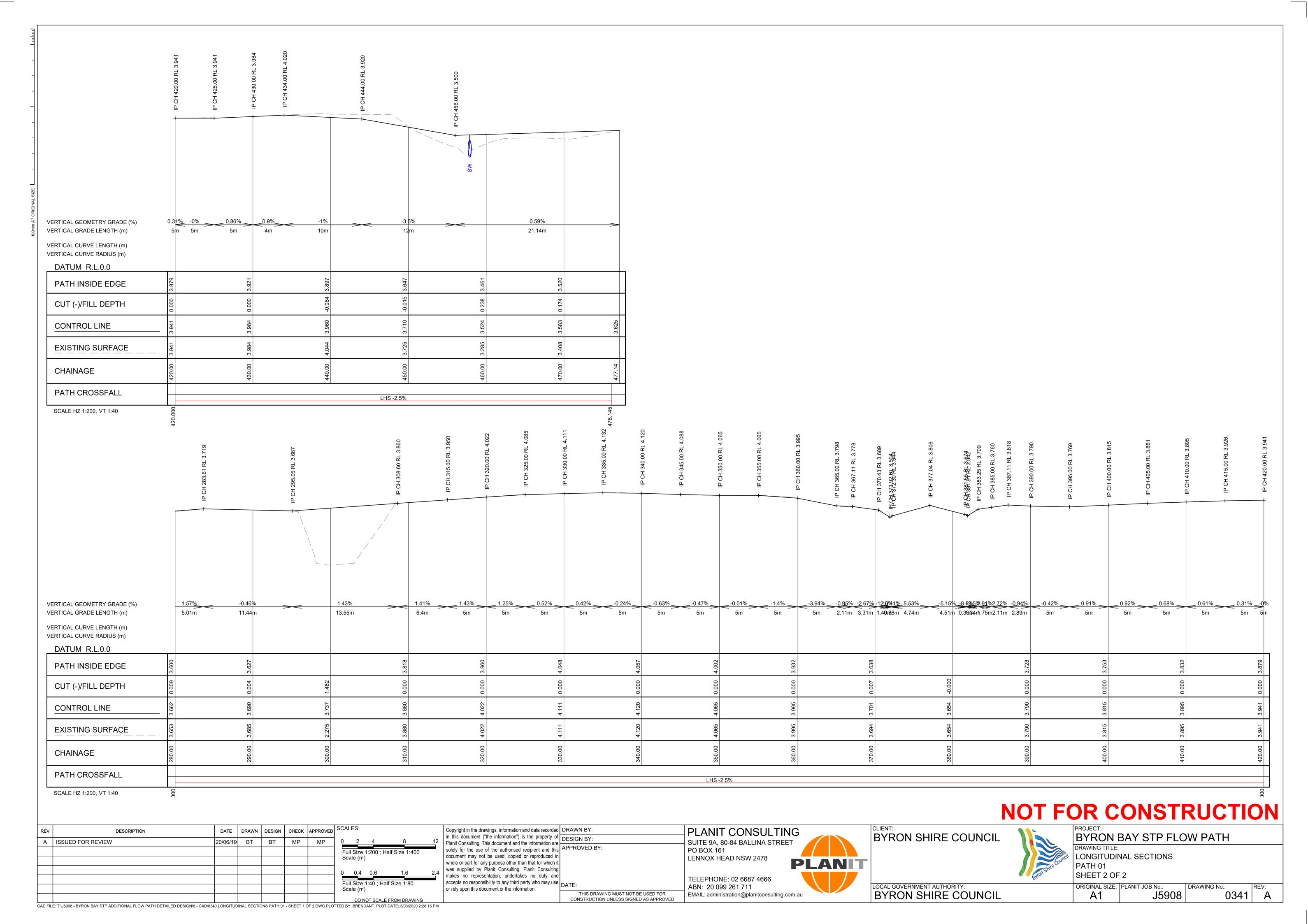
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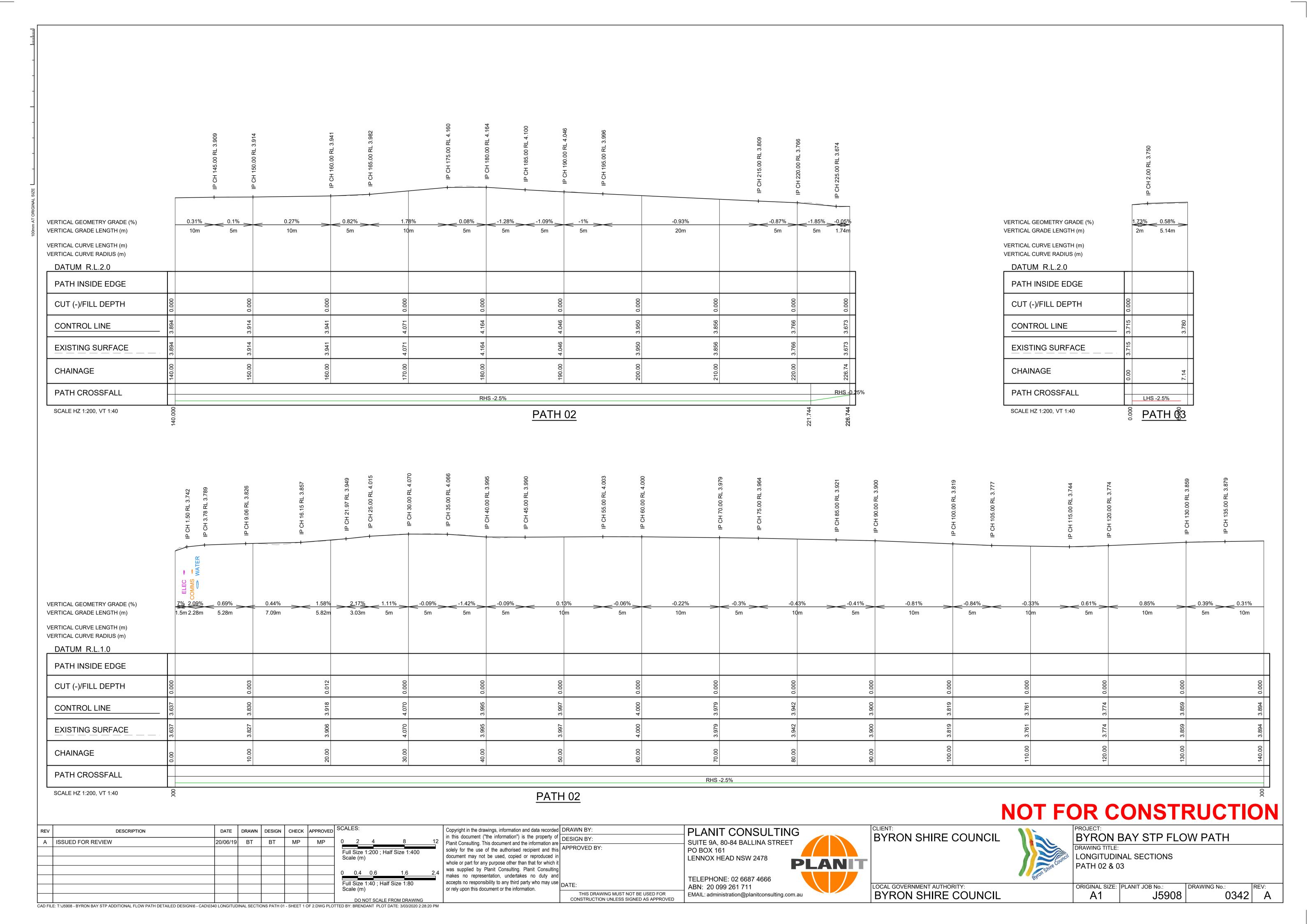
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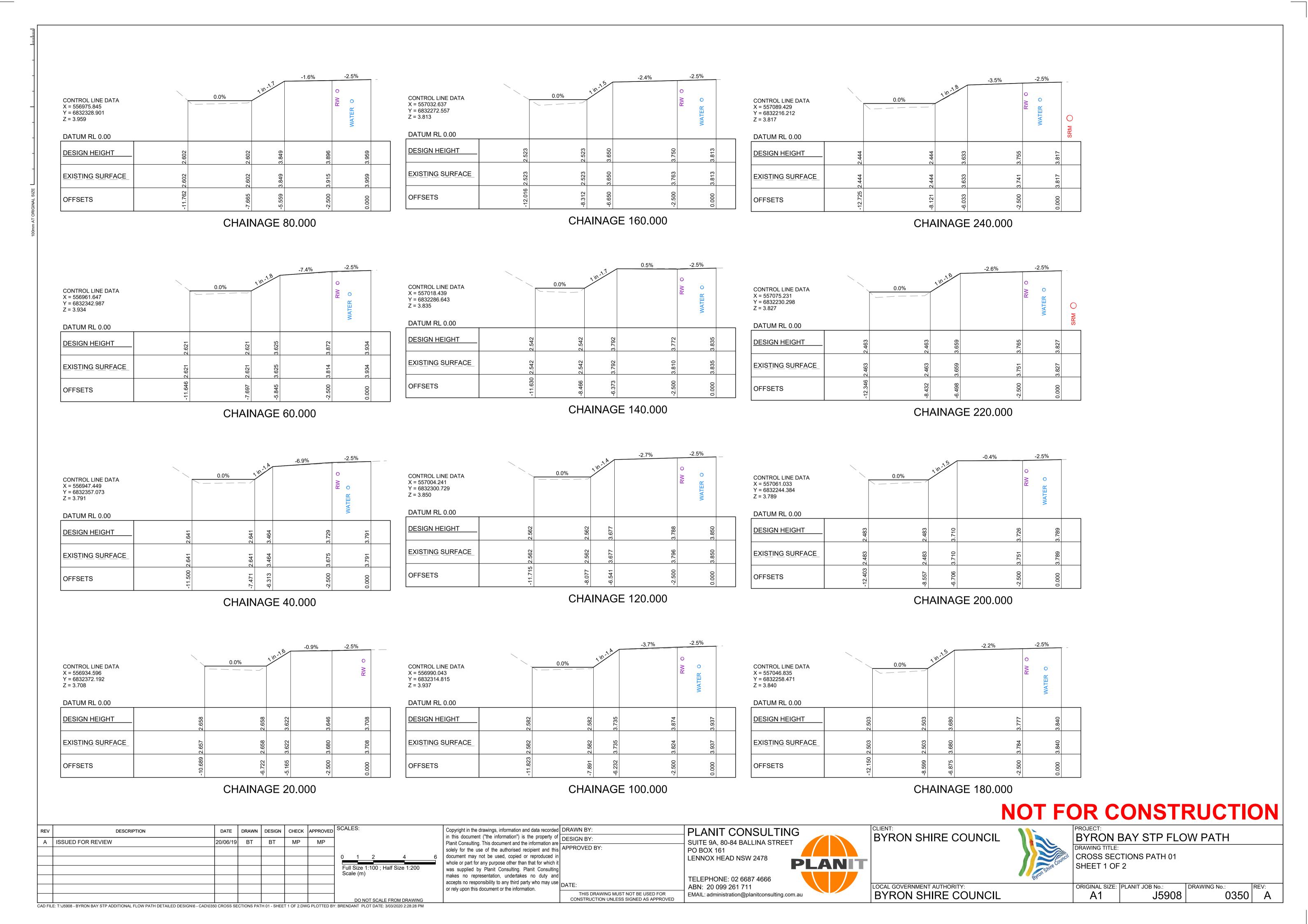


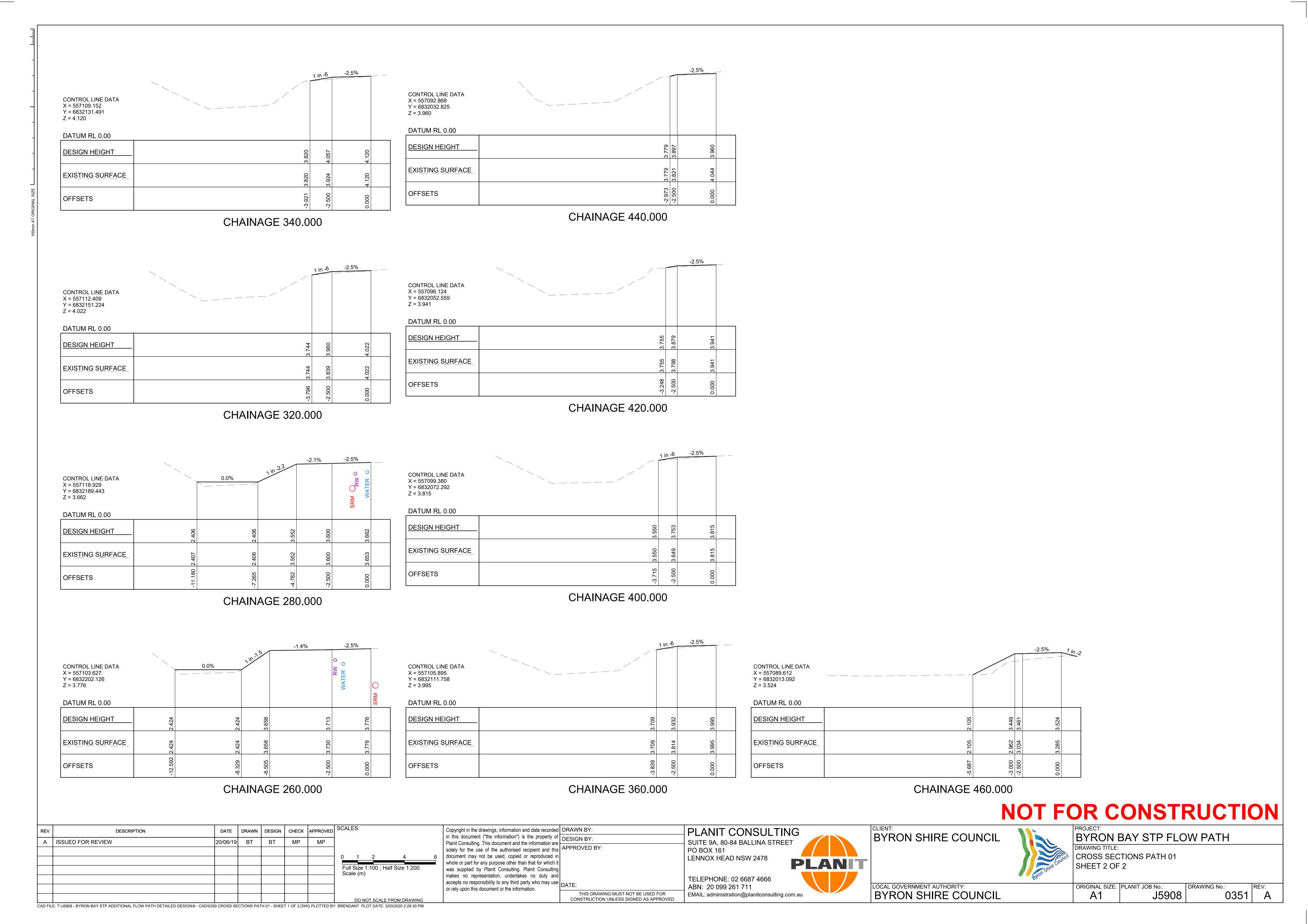
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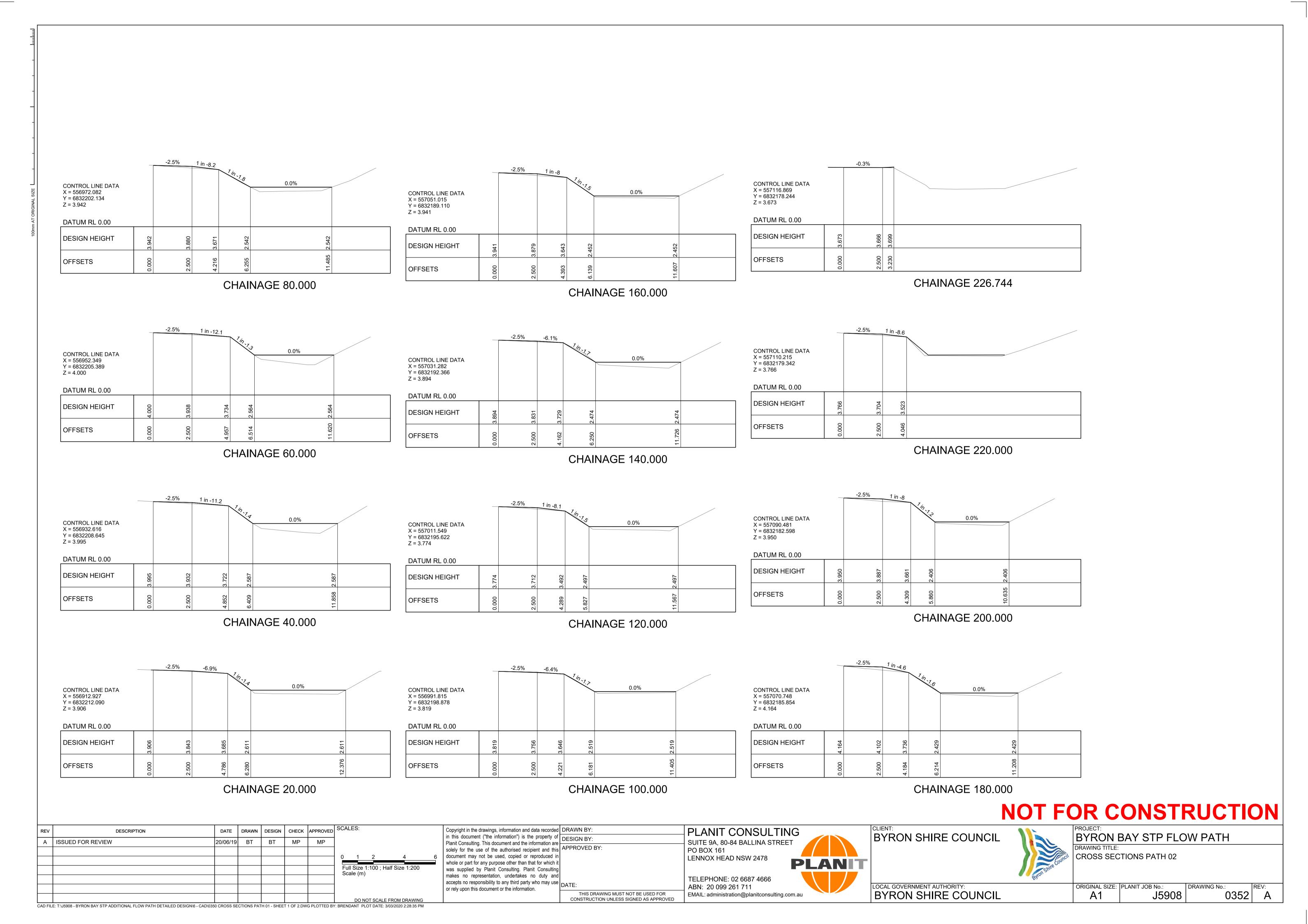
















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BYRON SHIRE COUNCIL

BYRON BAY STP FLOW PATH DRAWING TITLE: DRAIN CLEARING

LOCAL GOVERNMENT AUTHORITY:
BYRON SHIRE COUNCIL ORIGINAL SIZE: PLANIT JOB No.: DRAWING No.: J5908 0400 B

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