

ENGINEERING DRAWINGS FOR WATER REUSE AND DRAINAGE UPGRADE

81 GOW STREET PADSTOW

ISSUED FOR DEVELOPMENT APPLICATION
JUNE 2021



SCHEDULE OF DRAWINGS

- 7524 - 000 COVER SHEET, LOCALITY PLAN AND SCHEDULE OF DRAWINGS
- 7524 - 001 GENERAL NOTES AND LEGEND
- 7524 - 102 EXISTING CONDITIONS PLAN SHEET 1 OF 2
- 7524 - 103 EXISTING CONDITIONS PLAN SHEET 2 OF 2
- 7524 - 104 EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
- 7524 - 104A EROSION AND SEDIMENT CONTROL PLAN
- 7524 - 105 PROPOSED STORMWATER PLAN SHEET 1 OF 2
- 7524 - 106 PROPOSED STORMWATER PLAN SHEET 2 OF 2
- 7524 - 110 DRAINAGE LONGITUDINAL SECTIONS SHEET 1 OF 2
- 7524 - 112 DRAINAGE LONGITUDINAL SECTIONS SHEET 2 OF 2
- 7524 - 201 PROPOSED STORMWATER DRAINAGE DETAILS

LOCALITY PLAN
NTS

CLIENT:

GOW STREET
RECYCLING CENTER

CONSULTANTS:

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FILE NAME & PATH: \\ind-syd-dc-01\Sydney_Projects\7524 81 Gow St, Padstow\Acad\Working\7524-C-101.dwg PLOTTED BY: 'dex.reincastle' PLOT DATE & TIME: 29 Jun, 2021 - 3:46pm

GENERAL

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS THAT MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCIES IN THESE DOCUMENTS SHALL BE REFERRED TO THE SUPERINTENDENT FOR A DECISION BEFORE PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL CHECK AND BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS. ANY DISCREPANCY SHALL BE REPORTED IMMEDIATELY TO THE SUPERINTENDENT. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING OFF THE PLANS.
3. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT AUSTRALIAN STANDARDS, THE BY-LAWS AND ORDINANCES OF THE RELEVANT AUTHORITIES AND THE SPECIFICATIONS.
4. NO CHANGES SHALL BE MADE BY CONTRACTOR WITHOUT THE WRITTEN CONSENT OF THE SUPERINTENDENT.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SAFE WORK PRACTICES ARE FOLLOWED AT ALL TIMES DURING THE COURSE OF THE CONTRACT. OH&S REGULATIONS AND WORK COVER REQUIREMENTS ARE TO BE COMPLIED WITH.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL SURVEY MARKS ARE MAINTAINED. IF THE CONTROL MARKS ARE DESTROYED OR MOVED DURING CONSTRUCTION THE CONTRACTOR MUST SUPPLY ADEQUATE MARKS FOR RE-ESTABLISHMENT AND INFORM THE SUPERINTENDENT.
7. REDUCED LEVELS, CHAINAGES, OFFSETS AND ROAD WIDTHS ARE IN METRES UNLESS OTHERWISE SHOWN. REDUCED LEVEL (RL) IS REFERENCED TO AUSTRALIAN HEIGHT DATUM (AHD)
8. LIAISE WITH THE SUPERINTENDENT APPOINTED BY THE DEVELOPER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
9. ALL SITE FILLING AREAS OTHER THAN THOSE ROADS & SPECIAL STRUCTURES TO BE CONSTRUCTED SHALL BE COMPACTED TO EARTHWORKS SPECIFICATIONS PREPARED BY LEVEL 1 GEOTECHNICAL ENGINEER.
10. SURPLUS EXCAVATED MATERIAL SHALL BE PLACED WHERE DIRECTED BY THE SUPERINTENDENT TO THE REQUIREMENTS OF COUNCIL'S ENGINEER.
11. ALL NEW WORKS SHALL MAKE A SMOOTH JUNCTION WITH EXISTING CONDITIONS.
12. THE CONTRACTOR SHALL NOT ENTER UPON NOR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT THE WRITTEN PERMISSION OF THE OWNERS. TO BE PROVIDED PRIOR TO THE APPROVAL OF THE PLANS.
13. SITE FILL AREAS - THE CONTRACTORS REGISTERED SURVEYOR SHALL TAKE LEVELS OF EXISTING SURFACE AFTER STRIPPING TOPSOIL AND PRIOR TO COMMENCING FILL OPERATIONS
14. DRAINAGE LINES UNDER ROADS SHALL BE BACKFILLED WITH NON-COHESIVE SAND. AND THE SUBSOIL DRAIN WRAPPED IN APPROVED FILTER SOCK, DISCHARGING INTO DOWN STREAM PITS
15. ALL CONDUITS AND MAINS SHALL BE LAID PRIOR TO LAYING FINAL ASPHALTIC CONCRETE SEAL
16. STREET NAME SIGNS SHALL BE ERECTED, WHERE SHOWN, IN ACCORDANCE WITH COUNCIL'S STANDARD OR AS DIRECTED BY THE SUPERINTENDENT.
17. DUST SCREENS SHALL BE ERECTED AND MAINTAINED AROUND THE PERIMETER OF THE SUBJECT LAND DURING LAND CLEARING, DEMOLITION AND CONSTRUCTION WORKS.
18. ALL TREES WITHIN LIMIT OF WORKS TO BE REMOVED UNLESS NOTED AS PER LEGEND. TREES OUT OF LIMIT OF WORKS ZONE ARE TO BE LEFT UNTouched. SHOULD THERE BE ANY IMPACTED TREES OUTSIDE OF WORKS THE SUPERINTENDENT IS TO BE INFORMED IMMEDIATELY.
19. REFER TO CITY COUNCIL'S SPECIFICATION AND STANDARD DRAWINGS OF KERB INLET PIT AND KERB AND GUTTER.
20. PROVIDE FLOODWAY WARNING SIGNS AT APPROPRIATE LOCATIONS AND/OR AS DIRECTED BY COUNCIL'S ENGINEER.
21. WHERE OPERATIONS INVOLVE EXCAVATION, FILLING OR GRADING OF LAND OR REMOVAL OF VEGETATION INCLUDING GROUND COVER, DUST TO BE SUPPRESSED BY REGULAR WATERING UNTIL SUCH TIME AS THE SOIL IS STABILISED TO PREVENT AIRBORNE.

SERVICES:

1. ALL EXISTING SERVICES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND HAVE BEEN LOCATED FROM VISUAL SITE INVESTIGATION AND RELEVANT AUTHORITIES' PLANS. THESE SERVICES ARE NOT GUARANTEED CORRECT OR COMPLETE.
2. THE CONTRACTOR MUST OBTAIN UP-TO-DATE PLANS FROM 'DIAL BEFORE YOU DIG' BEFORE COMMENCEMENT OF WORKS. THE EXACT LOCATION OF ALL SERVICES ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS.
3. EXISTING SERVICES ARE TO BE MAINTAINED OR ADJUSTED AS DETAILED IN THE PLANS IF APPLICABLE. ANY ADJUSTMENT OR PROTECTION MEASURES ARE TO BE CARRIED OUT BY ACCREDITED SERVICE PROVIDERS. REFER ANY CONFLICTS OR UNIDENTIFIED EXISTING SERVICES TO THE SUPERINTENDENT IMMEDIATELY.
4. ELECTRICAL CONDUITS SHOULD BE PROVIDED AND LOCATED TO THE SATISFACTION OF INTEGRAL ENERGY.
5. WATER CONDUITS SHOULD BE PROVIDED TO SUIT WATER MAIN LOCATIONS.
6. TELSTRA AND OPTUS CONDUITS PROVIDED AND LOCATED TO THE SATISFACTION OF THE RELEVANT TELECOMMUNICATIONS AUTHORITY.
7. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH UTILITY DESIGN DRAWINGS.
 - GAS
 - ELECTRICAL
 - WATER
 - SEWER
 - NBN
8. ALL SERVICES PIT COVERS AND MARKERS ARE TO BE LAID ENTIRELY WITHIN OR OUTSIDE OF THE CONCRETE FOOTPATH. REFER TO INDESCO SERVICE COORDINATION DRAWINGS FOR SERVICE COVER LOCATIONS. CONTACT SUPERINTENDENT SHOULD DIFFICULTIES ARISE.
9. WHERE SERVICES COVERS ARE LOCATED WITHIN THE FOOTPATH & ROADWAYS, INFILL COVERS WITH A PAVEMENT SIMILAR TO THAT OF THE FOOTPATH OR ADJACENT ROADWAY PROVIDE CONCRETE INFILL WHERE COVERS ARE WITHIN LANDSCAPE.
10. ALL SERVICES COVERS TO BE PLACED AT FINISHED SURFACE LEVELS, ENSURE LONGITUDINAL AND CROSS FALL GRADES MATCH PROPOSED GRADES

SITE PREPARATION NOTES

1. ORIGIN OF LEVELS: AHD.
COORDINATES TO MGA - MAP GRID AUSTRALIA
2. ASPHALTIC CONCRETE SHALL CONFORM TO R.T.A. FORM R116.
3. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.T.A. FORM 3051 (UNBOUND), R.T.A. FORM 3052 (BOUND) COMPAKTED TO A MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. FREQUENCY OF COMPAKCTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m³ OF BASECOURSE MATERIAL KEEP.
4. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.T.A. FORM 3051 AND COMPAKTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. FREQUENCY OF COMPAKCTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m³ OF SUB-BASE COURSE MATERIAL PLACED.
5. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH COUNCIL'S SPECIFICATION.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF WORKS, INCLUDING REPAIR AND/OR REPLACEMENT OF DAMAGED SECTIONS. INSPECTIONS ARE TO BE MADE PERIODICALLY DURING PROLONGED RAINFALL EVENTS AND AFTER STORM EVENTS FOR DAMAGE.
7. ALL EXISTING TREES ON THE SITE ARE NOT TO BE DISTURBED OTHER THAN THOSE DESIGNATED ON THE PLANS FOR REMOVAL. THE SUPERINTENDENT IS TO APPROVE ALL TREES TO BE REMOVED. REMAINING TREES MUST BE PROTECTED IN ACCORDANCE TO THE SPECIFICATION.
8. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED OUT BY OTHERS (EG. ADJUSTMENT OF SERVICES). COORDINATION OF THESE WORKS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

STORMWATER DRAINAGE NOTES:

1. STORMWATER DESIGN CRITERIA:
PIPE DRAINAGE SYSTEM IS DESIGNED FOR 5 YEAR ARI
OVERLAND DRAINAGE SYSTEM IS DESIGNED FOR MAJOR EVENT OF 100 YEAR ARI
2. PRECAST REINFORCED CONCRETE PIPES SHALL COMPLY WITH AS4058 AND SHALL BE OF THE CLASS AND SIZE AS SHOWN ON THE DRAWINGS.
3. JOINTS SHALL BE OF THE FLEXIBLE TYPE AND THE PIPES SHALL HAVE SPECIAL SOCKETS INCORPORATING RUBBER RING JOINTS COMPLYING WITH AS1646 AND AS RECOMMENDED BY THE MANUFACTURER
4. BEDDING SHALL BE IN ACCORDANCE WITH COUNCIL SPECIFICATION 221, AS3725 AND AS3726 SUPPLEMENT 1.
5. SUPPORT H2 SHALL BE USED FOR PIPE INSTALLATION NOT UNDER ROADWAY AND HS2 FOR PIPE INSTALLATION UNDER ROADWAY
6. REFER TO COUNCIL SPECIFICATION 221 FOR DETAILS OF OTHER REQUIREMENTS
7. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
8. GRATES AND COVERS SHALL CONFORM WITH THE CANTERBURY-BANKSTOWN CITY COUNCIL'S SPECIFICATION.
9. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
10. BACKFILLING OF TRENCHES SHALL BE IN ACCORDANCE WITH THE CANTERBURY-BANKSTOWN CITY COUNCIL'S SPECIFICATIONS.
11. REINFORCEMENT AND STEP IRONS ARE TO BE PLACED IN PITS GREATER THAN 1.2M DEEP IN ACCORDANCE WITH THE CANTERBURY-BANKSTOWN CITY COUNCIL'S REQUIREMENTS.
12. SUBSOIL DRAINS ARE TO BE PROVIDED BEHIND ALL KERBS AS DIRECTED.
13. PROVIDE RHS DISCHARGING TO KERB AND ASSOCIATED PIPES 0.5m BEYOND THE PROPERTY BOUNDARY FOR ALL LOTS WHICH DISCHARGE TO THE FRONT.

BULK EARTHWORKS NOTES:

1. ORIGIN OF LEVELS: REFER TO SURVEY PLANS & NOTES.
2. STRIP ALL TOPSOIL/ORGANIC MATERIAL FROM CONSTRUCTION AREA AND REMOVE FROM SITE OR STOCKPILE AS DIRECTED BY SUPERINTENDENT
3. GEOTECHNICAL CONTROLS SHALL BE SPECIFIED AND MONITORED BY EXPERIENCED GEOTECHNICAL ENGINEERS.
4. FILLING PLACED IN ACCORDANCE WITH A LEVEL 1 INSPECTION AND TESTING STANDARD AS DEFINED IN AS3798 WITH EXPERIENCED GEOTECHNICIANS ON SITE DURING THE PLACEMENT AND COMPACTION OF FILLING
5. FILLING CONSISTING OF VENM
6. COMPACTION OF SOIL SHALL BE IN ACCORDANCE WITH AS3789

SURVEY NOTES:

1. ALL SITE SET OUT POINTS ARE TO BE CERTIFIED BY A REGISTERED SURVEYOR.
2. THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY THE REGISTERED SURVEYOR. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. INDESCO DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.
3. CONTACT SUPERINTENDENT IF DISCREPANCIES ARE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND FIELD DATA.

TELSTRA - DUTY OF CARE NOTE

TELSTRA'S PLANS SHOW ONLY THE PRESENCE OF CABLES AND PLANT. THEY ONLY SHOW THEIR POSITION RELATIVE TO ROAD BOUNDARIES, PROPERTY FENCES ETC. AT THE TIME OF INSTALLATION AND TELSTRA DOES NOT WARRANT OR HOLD OUT THAT SUCH PLANS ARE ACCURATE THEREAFTER DUE TO CHANGES THAT MAY OCCUR OVER TIME. DO NOT ASSUME DEPTH OR ALIGNMENT OF CABLES OR PLANT AS THESE VARY SIGNIFICANTLY.

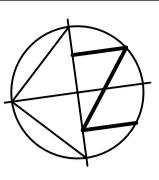
THE CONTRACTOR HAS A DUTY OF CARE WHEN EXCAVATING NEAR TELSTRA CABLES AND PLANT. BEFORE USING MACHINE EXCAVATORS TELSTRA PLANT MUST FIRST BE PHYSICALLY EXPOSED BY SOFT DIG POTHOLING TO IDENTIFY IT'S LOCATION TELSTRA WILL SEEK COMPENSATION FOR DAMAGES CAUSED TO IT'S PROPERTY AND LOSSES CAUSED TO TELSTRA AND IT'S CUSTOMERS.

PAVEMENTS AND ROAD WORKS NOTES:

PEDESTRIAN PAVEMENT JOINTS

1. ALL PEDESTRIAN PAVEMENTS ARE TO BE JOINTED AS FOLLOWS (U.N.O.)
2. EXPANSION JOINTS ARE TO BE LOCATED, WHERE POSSIBLE, AT TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX. 1.2m CENTRES.
3. SAW JOINTS ARE TO BE LOCATED AT A MAX. SPACING OF 1.5m
4. JOINTS SHALL BE LOCATED TO MATCH KERBING AND OR ADJACENT PAVEMENT JOINTS WHERE POSSIBLE.
5. PEDESTRIAN PAVEMENT JOINTING DETAILS SHALL BE AS PER STANDARD DRAWING R23
6. ALL VEHICULAR PAVEMENTS TO BE JOINTED AS PER THE DRAWINGS.
7. VEHICULAR ACCESS IS TO BE MAINTAINED FOR ALL PROPERTIES DURING THE COURSE OF CONSTRUCTION.
8. THE CONTRACTOR SHALL CONTACT RESIDENTS/OWNERS WITHIN 48 HOURS PRIOR TO COMMENCEMENT OF WORKS UNLESS OTHERWISE DIRECTED.
9. ALL DRIVEWAY ADJUSTMENTS ARE TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS.
10. SUBSOIL FLUSHING POINTS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL'S STANDARD
11. TRENCHES FOR PROPOSED SERVICES CROSSING THE ROAD SHALL BE BACKFILL IN ACCORDANCE WITH COUNCIL'S SPECIFICATION
12. ALL ROADS ARE TO BE TEMPORARILY SEALED WITH A 1 COAT SEAL. THE FINAL ASPHALT CONCRETE TO BE BONDED AND PLACED FOLLOWING APPROVAL FROM COUNCIL.

PROPOSED SERVICES ALIGNMENTS TO BE CHECKED BY CONTRACTOR AND COORDINATED.



GOW STREET

This architectural site plan for Gow Street illustrates the proposed layout and drainage infrastructure. The plan shows the existing street alignment and property boundaries. Key features include:

- Proposed Weighbridge:** Located at the bottom left, this structure is indicated by a white box and a callout pointing to a detailed cross-section. The cross-section shows a foundation with dimensions of 12.0m x 12.0m, a 150mm thick base, and a 150mm thick top slab. The weighbridge itself is 12.0m wide and 12.0m long.
- Existing Stormwater Drainage Lines:** Shown as dashed lines with labels like "118", "119", "120", and "121".
- Existing 2x Ø1500mm Stormwater Drainage Lines:** Indicated by a callout pointing to a specific area with a diameter of 1500mm.
- Proposed Infrastructure:** Shaded areas representing new construction, including walls and foundations.
- Callouts:** Two callouts are present: one for the "Proposed Weighbridge" and another for "EXISTING 2x Ø1500mm STORMWATER DRAINAGE LINES".
- Annotations:** Labels like "SHEET JOIN REFER TO DWG 103" and "PROPOSED WEIGHBRIDGE" are scattered across the plan.

PLAN VIEW

SCALE 1:150

SCALE 1:150 @ A1

10 of 10 pages

DEVELOPMENT TEAM

1000 JOURNAL OF CLIMATE

GOW STREET RECYCLING CENTER



APPROVED	DF	DATE	02.06.2020
CHECKED	KN	DATE	02.06.2020
DESIGNED BY	SB		
DRAWN BY	SB		
CAD FILE: \\ind-syd-dc-01\Sydney_Projects\7524 81 Govt St, Padstow\Acad\Working\7524-C-102.dwg			
SCALE	AS SHOWN	SHEET No.	

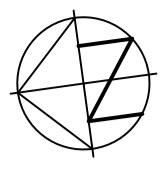
PROJECT

81 GOW STREET PADSTOW WATER REUSE AND DRAINAGE UPGRADE

DRAWING TITLE

EXISTING CONDITIONS PLAN

SHEET 1 OF 2



NOTE.
BASF MAGNAFLOC OR OTHER
APPROVED EQUIVALENT,
ADDITIVE TO BE USED TO
INCREASE SETTLING OF
SUSPENDED SOLIDS IN
RECYCLED WATER

A scale bar and north arrow are positioned at the bottom of the page. The scale bar is a horizontal line with tick marks and numerical labels: 0, 2.5, 5, 7.5, 10, 12.5, and 15m. Below the scale bar, the numbers 3, 2, and 1 are aligned with the first three tick marks. A north arrow is located to the left of the scale bar, pointing upwards. Below the scale bar, the text 'SCALE 1:150 @ A1' is centered.

PLAN VIEW

SCALE 1:15

GOW STREET RECYCLING CENTER



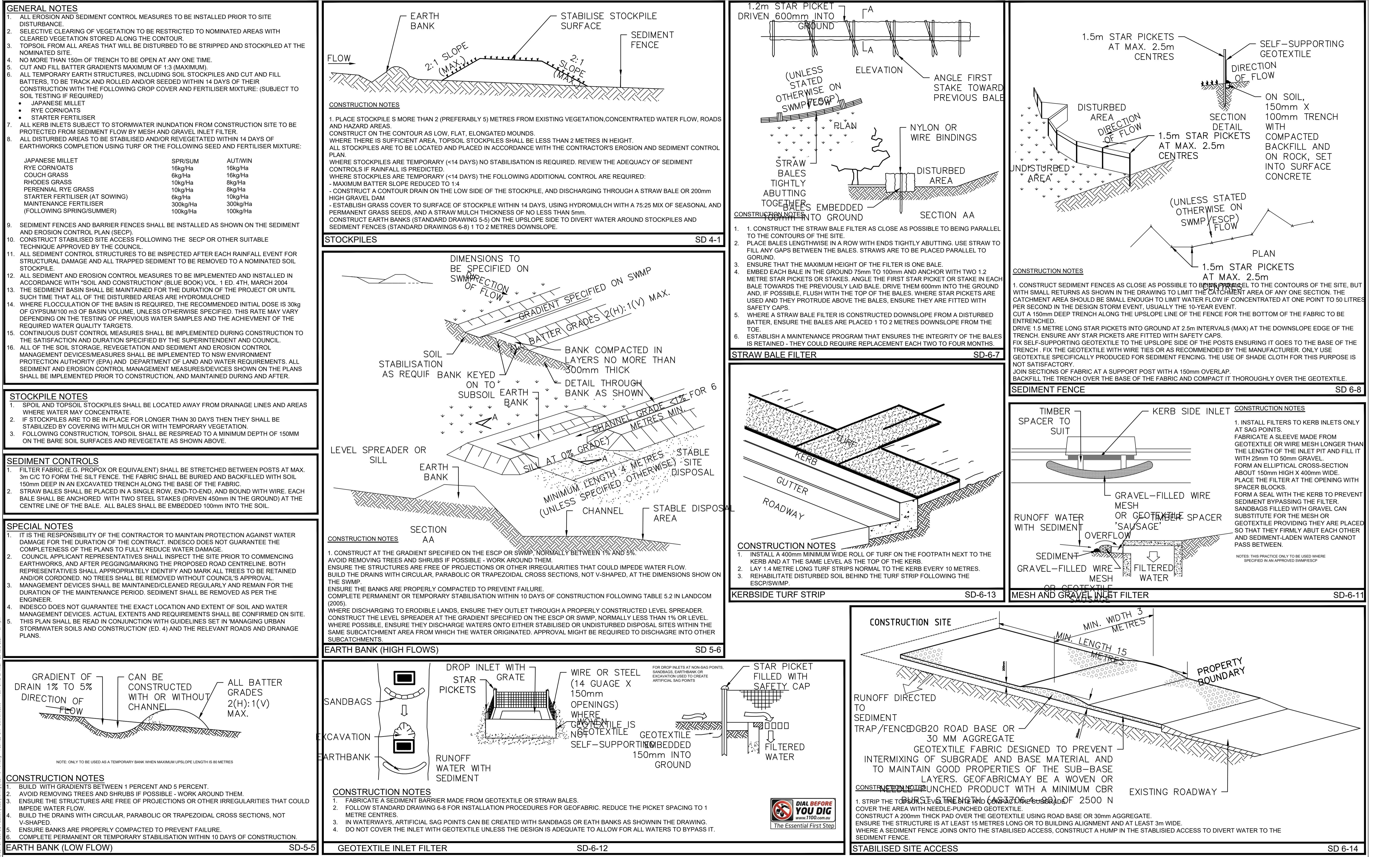
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DESIGNED BY	SB		
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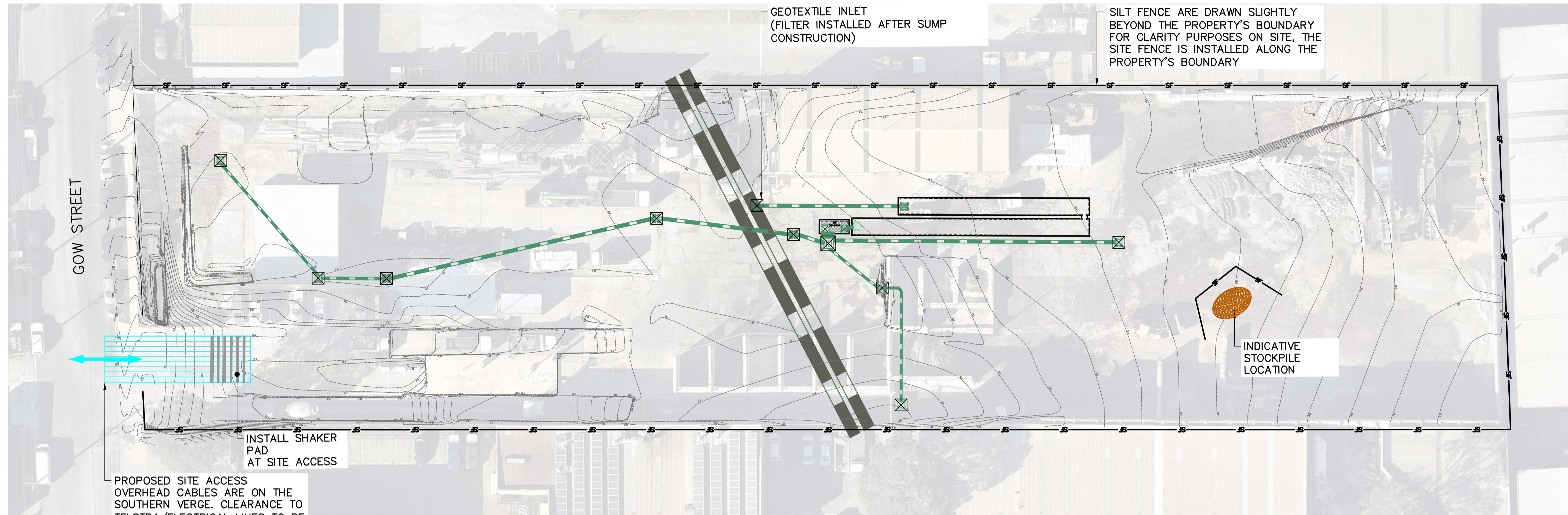
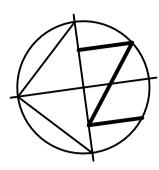
PROJECT
**81 GOW STREET
PADSTOW
WATER REUSE AND
DRAINAGE UPGRADE**

DRAWING TITLE

EXISTING CONDITIONS PLAN

SHEET 2 OF 2





PLAN VIEW

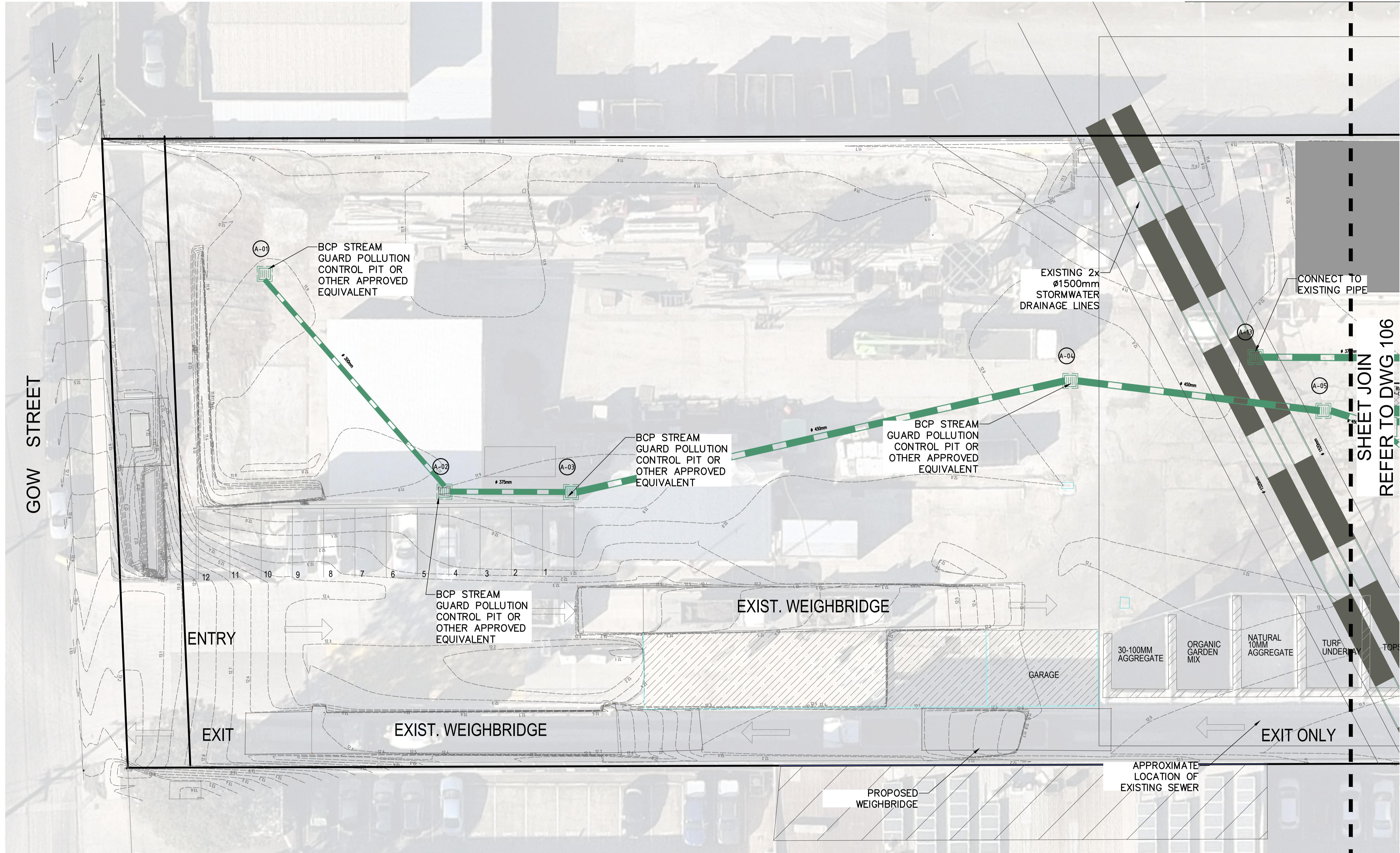
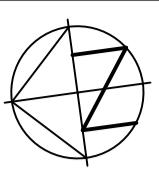
SCALE 1:300

NOTES

1. SILT FENCE AND STOCKPILE LOCATION ARE SHOWN INDICATIVELY. CONTRACTOR IS TO ADJUST THEM TO SUIT SITE CONDITIONS AND WORK SEQUENCE.

0 2.5 5 7.5 10 12.5 15m
3 2 1
SCALE 1:150 @ A1

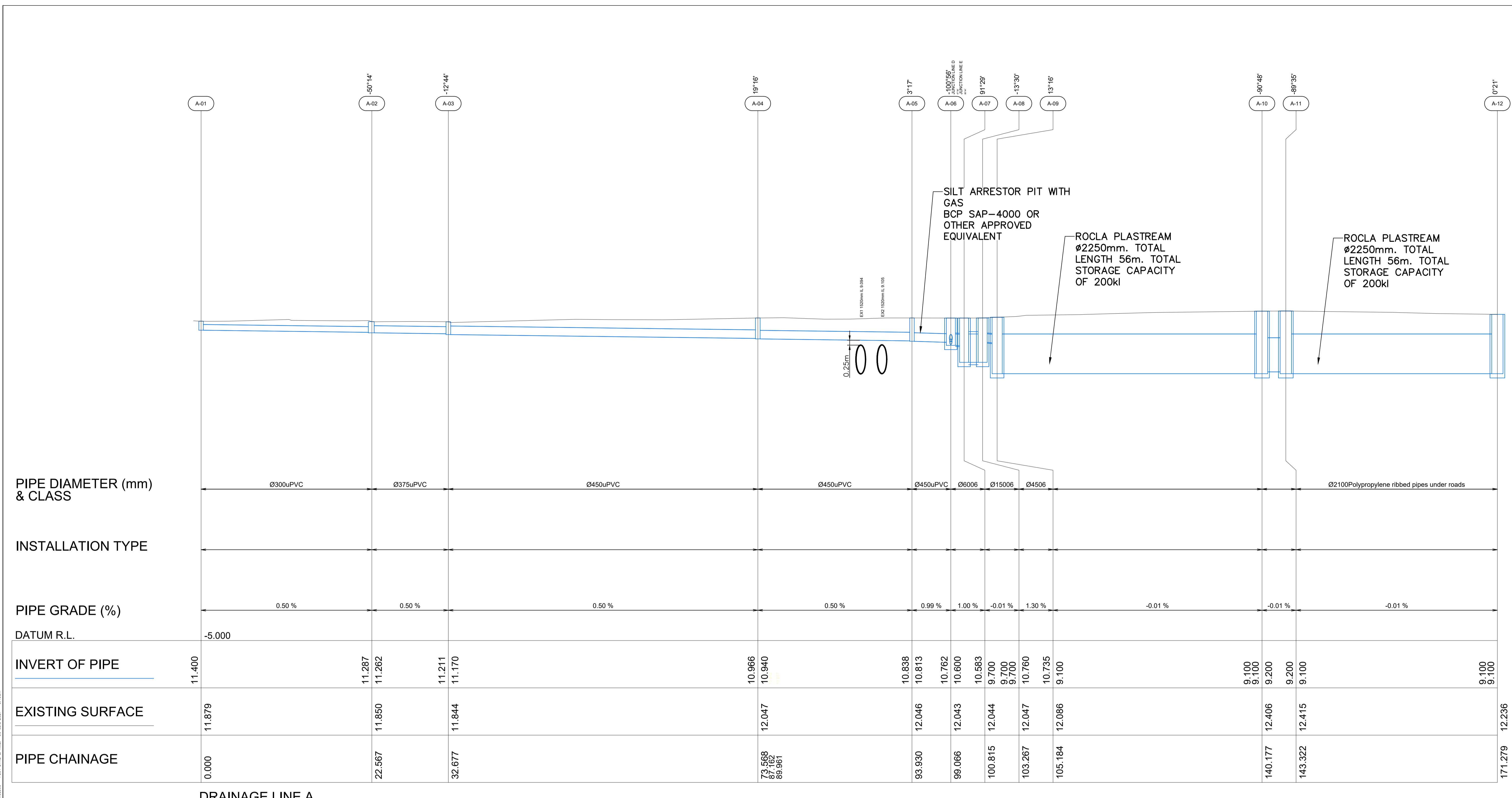
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C	ISSUED FOR DA APPROVAL	LL	29.06.2021	AR					81 GOW STREET PADSTOW WATER REUSE AND DRAINAGE UPGRADE	EROSION AND SEDIMENT CONTROL PLAN
B	ISSUED FOR DA APPROVAL	SB	27.05.2021	FJ						
A	ISSUED FOR DA APPROVAL	KN	23.07.2021	SB						



PLAN VIEW

SCALE 1:150

NOTE.
ALL GRATED PITS ARE TO BE
STREAM GUARD POLLUTION
CONTROL PIT OR OTHER
APPROVED EQUIVALENT (UNO)



0 2 4 6 8 10m
2 1
SCALE 1:100 @ A1

0 5 10 15 20 25m
5 4 3 2 1
SCALE 1:250 @ A1

SECTION VIEW

SCALES: 1:250 HOR.
1:100 VERT.

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
D	ISSUED FOR DA APPROVAL	LL	29.06.2021	AR
C	ISSUED FOR DA APPROVAL	SB	27.05.2021	EJ
B	REVISED PIPE NETWORK	KN	26.07.2020	SB
A	ISSUED FOR DA APPROVAL	KN	02.06.2020	SB

DEVELOPMENT TEAM
CLIENT
GOW STREET
RECYCLING
CENTER

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APPROVED DF	DATE 02.06.2020
CHECKED KN	DATE 02.06.2020
DESIGNED BY SB	
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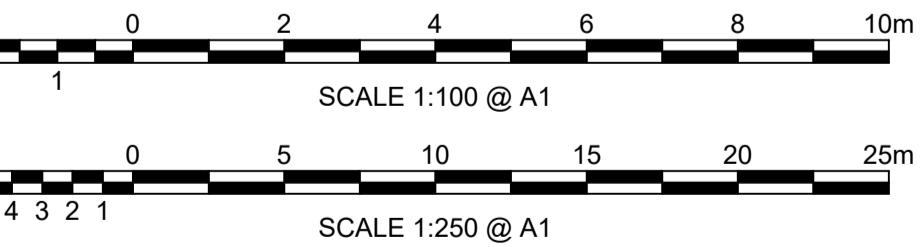
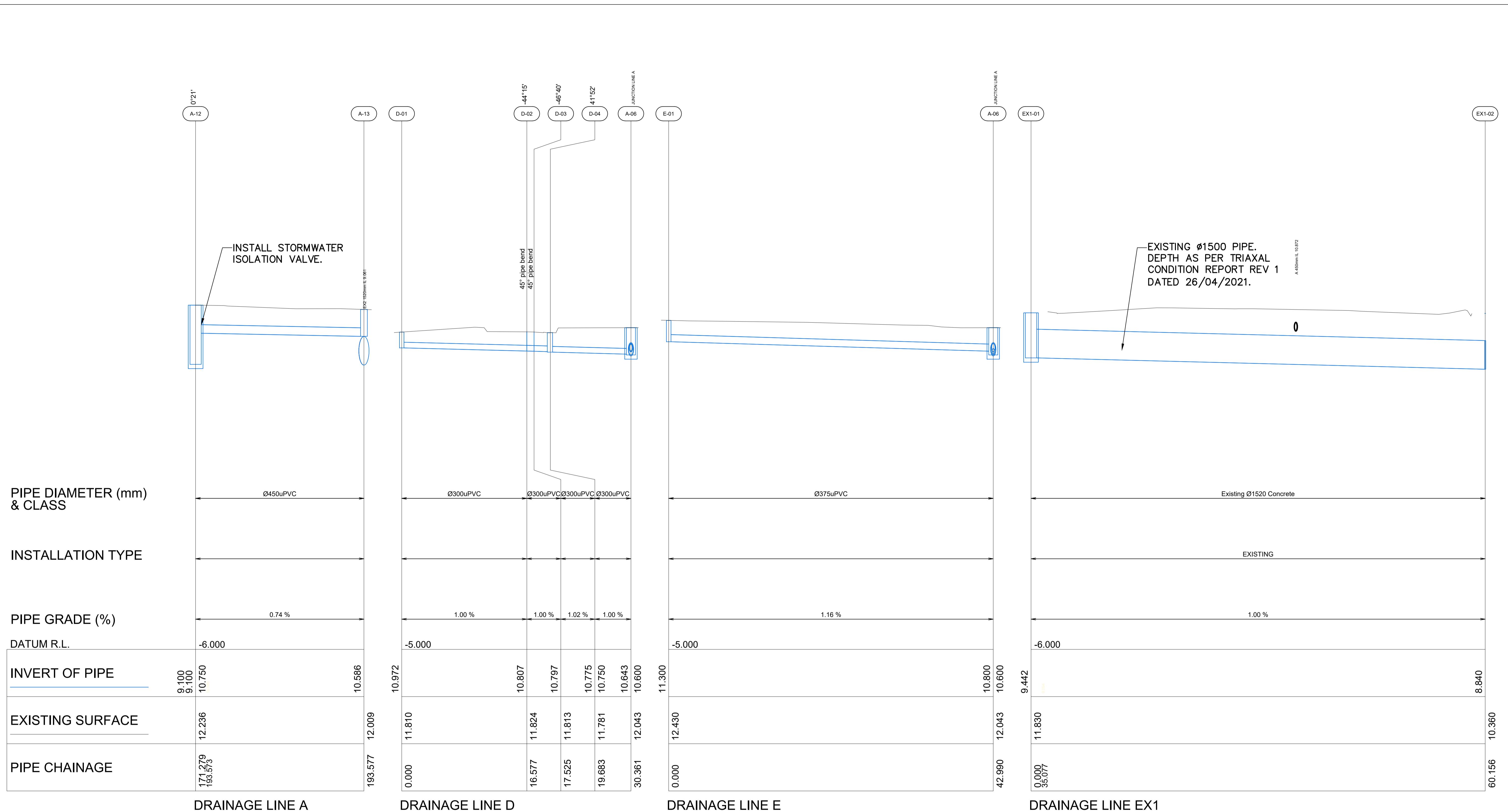
PROJECT
81 GOW STREET
PADSTOW
WATER REUSE AND
DRAINAGE UPGRADE

DRAWING TITLE
DRAINAGE LONGITUDINAL
SECTIONS
SHEET 1 OF 3

PROJECT No. 7524

DRAWING No. 110

AMDT D



SECTION VIEW

SCALES: 1:250 HORIZONTAL
1:100 VERTICAL

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
E	ISSUED FOR DA APPROVAL	LL	07.07.2021	AR
D	ISSUED FOR DA APPROVAL	LL	29.06.2021	AR
C	ISSUED FOR DA APPROVAL	SB	27.05.2021	EJ
B	REVISED PIPE NETWORK	KN	26.07.2020	SB
A	ISSUED FOR DA APPROVAL	KN	22.06.2022	SP

GOW STREET RECYCLING CENTER



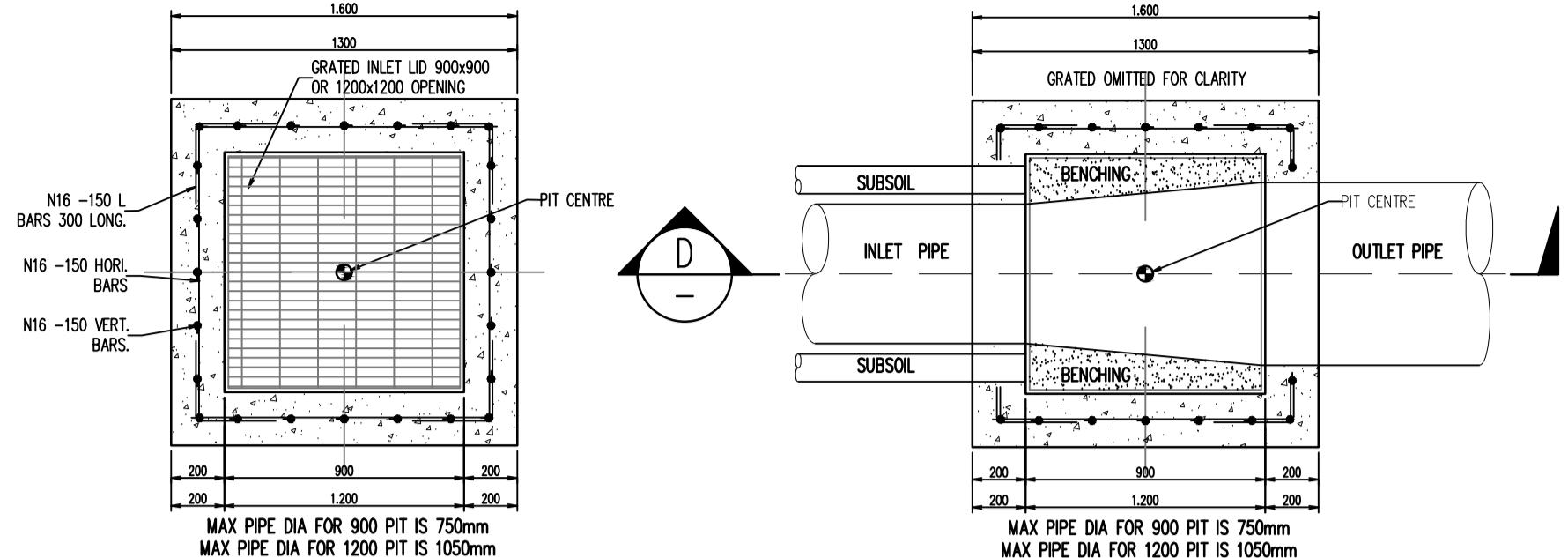
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SIGNED BY	SB		
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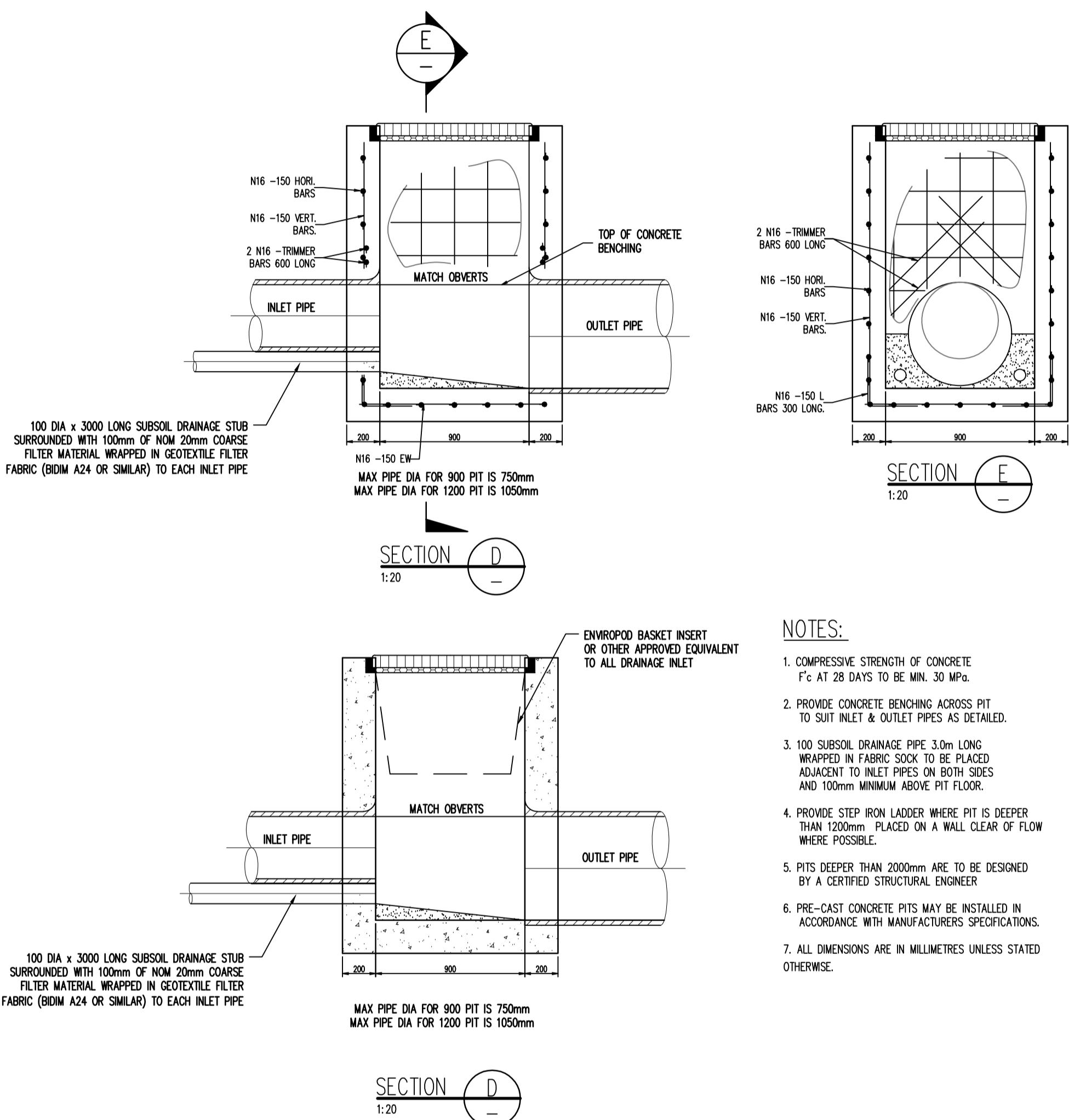
PROJECT

81 GOW STREET PADSTOW WATER REUSE AND DRAINAGE UPGRADE

DRAWING TITLE
**DRAINAGE LONGITUDINAL
SECTIONS**
SHEET 2 OF 2



DETAIL PLAN FOR DRAINAGE JUNCTION PIT



NOTES:

1. COMPRESSIVE STRENGTH OF CONCRETE f_c AT 28 DAYS TO BE MIN. 30 MPa.
2. PROVIDE CONCRETE BENCHING ACROSS PIT TO SUIT INLET & OUTLET PIPES AS DETAILED.
3. 100 SUBSOIL DRAINAGE PIPE 3.0 LONG WRAPPED IN FABRIC SOCK TO BE PLACED ADJACENT TO INLET PIPES ON BOTH SIDES AND 100mm MINIMUM ABOVE PIT FLOOR.
4. PROVIDE STEP IRON LADDER WHERE PIT IS DEEPER THAN 1200mm PLACED ON A WALL CLEAR OF FLOW WHERE POSSIBLE.
5. PITS DEEPER THAN 2000mm ARE TO BE DESIGNED BY A CERTIFIED STRUCTURAL ENGINEER.
6. PRE-CAST CONCRETE PITS MAY BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
7. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

NOTE.
ALL GRATED PITS ARE TO BE STREAM GUARD POLLUTION CONTROL PIT OR OTHER APPROVED EQUIVALENT (UNO)

SILT ARRESTOR PIT WITH GAS TIGHT LID
RECOMMENDED PRODUCT
BCP SAP-4000 OR OTHER APPROVED EQUIVALENT

WATER STORAGE
RECOMMENDED PRODUCT
ROCLA PLASTREAM Ø2250MM. TOTAL LENGTH 56M. TOTAL STORAGE CAPACITY OF 200KL

CONCEPT

0 2.5 5 7.5 10 12.5 15m
3 2 1
SCALE 1:150 @ A1

NO.	AMENDMENT	APPROVED	DATE	AMENDED BY

DEVELOPMENT TEAM

CLIENT

GOW STREET
RECYCLING
CENTER

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APPROVED DF	DATE 02.06.2020
CHECKED KN	DATE 02.06.2020
DESIGNED BY SB	
DRAWN BY SB	
CAD FILE: \\INDESCO\Projects\7524 81 Gow St, Padstow\Working\7524-C-201.dwg	
SCALE AS SHOWN	SHEET No.

PROJECT
81 GOW STREET
PADSTOW
WATER REUSE AND
DRAINAGE UPGRADE

DRAWING TITLE
PROPOSED STORMWATER
DRAINAGE DETAILS

PROJECT No. 7524 DRAWING No. 201 AMDT C