

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE FROM THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED AND VERIFIED ON SITE.
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
- FOR GENERAL NOTES, REFER TO DRAWING:

Project: **BRO TATHAN POWER**

DRAWING NOTES:

- DRAWING PRODUCED FOR PLANNING APPLICATION PURPOSES ONLY
- ALL DIMENSIONS, LEVELS, COVER LEVELS AND PIPE ROUTES SHALL BE CHECKED AND VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEVELOPMENT OF ALL TEMPORARY WORKS, ACCESS ARRANGEMENTS AND SEQUENCING REQUIRED TO CONSTRUCT THE SURFACE WATER DRAINAGE SYSTEM.
- ROOF DRAINAGE FROM THE BUILDING IS TO BE COLLECTED VIA DOWNPIPES AND DISCHARGED INTO THE SURFACE WATER NETWORK
- INTERCEPTORS SHALL BE INSTALLED ON DRAINAGE RUNS SERVING AREAS WHERE CONTAMINATION MAY BE PRESENT. INTERCEPTOR SELECTION, SIZE AND LOCATION SHALL BE VERIFIED DURING DETAILED DESIGN
- WORKS ADJACENT TO THIRD-PARTY SERVICES, EXISTING DRAINAGE ASSETS OR BOUNDARY FEATURES SHALL BE CARRIED OUT IN ACCORDANCE WITH STATUTORY UNDERTAKER REQUIREMENTS AND ANY RELEVANT WAYLEAVE OR EASEMENT CONSTRAINTS
- DRAINAGE SCHEME TO BE SUBJECT TO SAB APPROVAL
- DRAINAGE COMPONENTS HAVE BEEN INDICATIVELY SIZED BASED ON QUICK STORAGE ESTIMATES
- CONDITION OF DOWNSTREAM PIPEWORK TO BE ASSESSED AND REMEDIATION TO BE CARRIED OUT IF REQUIRED PRIOR TO NEW DRAINAGE CONNECTIONS BEING MADE
- NEW SURFACE WATER INSTALLATION TO BE CCTV SURVEYED PRIOR TO COMMISSION
- ATTENUATION SIZED BASED ON QUICK STORAGE ESTIMATES AS FOLLOWED:
 - GREENFIELD RUN OFF RATE = 0.5l/s
 - TOTAL STORAGE REQUIRED = 2253m³
 - ATTENUATION BASIN STORAGE = 1269m³
 - GRAVEL HARDSTANDING STORAGE = 985m³

LEGEND:

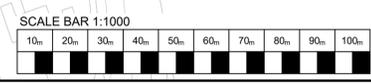
- RED LINE BOUNDARY
- PROPOSED SURFACE WATER SEWER
- PROPOSED PERFORATED SURFACE WATER SEWER
- EXISTING SURFACE WATER SEWER
- EXISTING FOUL WATER SEWER
- PROPOSED FOUL WATER SEWER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED FOUL SEWER MANHOLE
- PROPOSED HEADWALL
- PROPOSED RODDING EYE
- PROPOSED FLOW CONTROL CHAMBER
- PROPOSED PENSTOCK CHAMBER
- PROPOSED ATTENUATION BASIN
- PERMEABLE HARDSTANDING (MIN. DEPTH 300mm OF TYPE 3 AGGREGATE)



PROPOSED ATTENUATION BASIN:
BASE AREA = 1812m²
MAX WATER DEPTH = 700mm
FREEBOARD = 300mm

PROPOSED CONNECTION TO EXISTING FOUL WATER SEWER

PROPOSED CONNECTION TO EXISTING SURFACE WATER SEWER



P3.0	FOR PLANNING APPROVAL	27/01/26	BM	TD
P2.0	UPDATED PER COMMENTS	22/01/26	BM	TD
P1.0	ORIGINAL ISSUE	14/01/26	BM	TD
REV.	DESCRIPTION	DATE	DRW	CHK

Drawing Title: **SERIES 500 - DRAINAGE DRAINAGE LAYOUT**

Burroughs Project No.: 50101 | Scale: 1:1000 | Original Paper Size: A1

Drawing Number: 50101-BUR-BT-XX-D-C-10500

Status: S4 - SUITABLE FOR REVIEW AND AUTHORISATION

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