

N:\51021-00 NGED PRIMARY SUBSTATION, ALEXANDRA DOCK\51021-00 PRODUCTION\FORM01 DRAWINGS\02 CIVIL\51021-BUR-XX-XX-D-C-10501 - PROPOSED SURFACE WATER DRAINAGE.dwg
ALL CIVIL DIMENSIONS ARE IN METRES - ALL STRUCTURAL DIMENSIONS ARE IN MILLIMETRES - ALL LEVELS ARE IN METRES.
10 cm - Caution as distortion can occur.



- 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:
NGED PRIMARY SUBSTATION,
ALEXANDRA DOCK

- DRAWING NOTES:**
- THIS DRAWING IS PREPARED FOR PLANNING PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION.
 - THE DRAINAGE LAYOUT SHOWN IS INDICATIVE AND SUBJECT TO DETAILED DESIGN, COORDINATION AND APPROVAL.
 - ALL DIMENSIONS, LEVELS, INVERT LEVELS AND GRADIENTS ARE INDICATIVE AND SHALL BE CONFIRMED AT DETAILED DESIGN STAGE. EXISTING DRAINAGE INFORMATION SHOWN IS BASED ON AVAILABLE RECORDS AND SITE OBSERVATIONS AND IS INDICATIVE ONLY.
 - THE PROPOSED POINT OF DISCHARGE AND OUTFALL ARRANGEMENT ARE SUBJECT TO CONFIRMATION, AGREEMENT AND RELEVANT STATUTORY APPROVALS.
 - DRAINAGE PROPOSALS ARE SUBJECT TO GROUND CONDITIONS, INFILTRATION TESTING (WHERE APPLICABLE) AND FURTHER HYDRAULIC DESIGN.
 - FINAL PIPE SIZES, GRADIENTS, STORAGE VOLUMES AND FLOW CONTROL MEASURES WILL BE DETERMINED THROUGH DETAILED DESIGN.
 - ALL DRAINAGE ELEMENTS SHALL BE DESIGNED IN ACCORDANCE WITH RELEVANT STANDARDS, GUIDANCE AND APPROVING AUTHORITY REQUIREMENTS.
 - ANY DISCREPANCIES BETWEEN THE PROPOSED LAYOUT AND SITE CONDITIONS SHALL BE REPORTED TO THE ENGINEER.
 - PROPOSED ATTENUATION, INTERCEPTION AND FLOW CONTROL FEATURES ARE INDICATIVE AND SUBJECT TO DETAILED DESIGN AND APPROVAL.
 - PERMEABLE AND PERFORATED DRAINAGE SYSTEMS ARE SUBJECT TO INFILTRATION SUITABILITY AND DETAILED SPECIFICATION.
 - THE EXISTING DISCHARGE ROUTE HAS BEEN INFERRED AND SHALL BE CONFIRMED THROUGH SURVEY AND INVESTIGATION.
 - MINIMUM 750mm DEPTH OF TYPE 3 POROUS MATERIAL TO ACHIEVE REQUIRED ATTENUATION STORAGE (300m³, 30% VOID RATIO).

- LEGEND:**
- PROPOSED SURFACE WATER CARRIER PIPE
 - PROPOSED PERFORATED SURFACE WATER PIPE
 - PROPOSED SURFACE WATER MANHOLE
 - PROPOSED ACO OR SIMILAR APPROVED CHANNEL DRAIN
 - PROPOSED TYPE 3 POROUS MATERIAL
 - RE PROPOSED RODDING EYE
 - PROPOSED INTERCEPTOR TANK
 - EXISTING SURFACE WATER SEWER
 - EXISTING SURFACE WATER MANHOLE
 - PROPOSED SURFACE WATER EXCEEDANCE FLOW DIRECTION

P4.0	FOR PRE SAB ISSUE	08/05/26	JAH	SB
P3.0	FENCE AMENDED FOLLOWING COMMENTS	20/04/26	JAH	SB
P2.0	FENCE AMENDED FOLLOWING COMMENTS	09/04/26	JAH	SB
P1.0	ORIGINAL ISSUE	06/03/26	JAH	SB
REV.	DESCRIPTION	DATE	DRW	CHK

Drawing Title:
**SERIES 500 - DRAINAGE
PROPOSED SURFACE WATER DRAINAGE
GENERAL ARRANGEMENT**

Burroughs Project No.: 51021-00
Scale: 1:200
Original Paper Size: A1

Drawing Number:
51021-BUR-XX-XX-D-C-10501

Status: S3
Status Description: SUITABLE FOR REVIEW AND COMMENT

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