

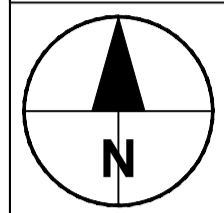


**NOTES**

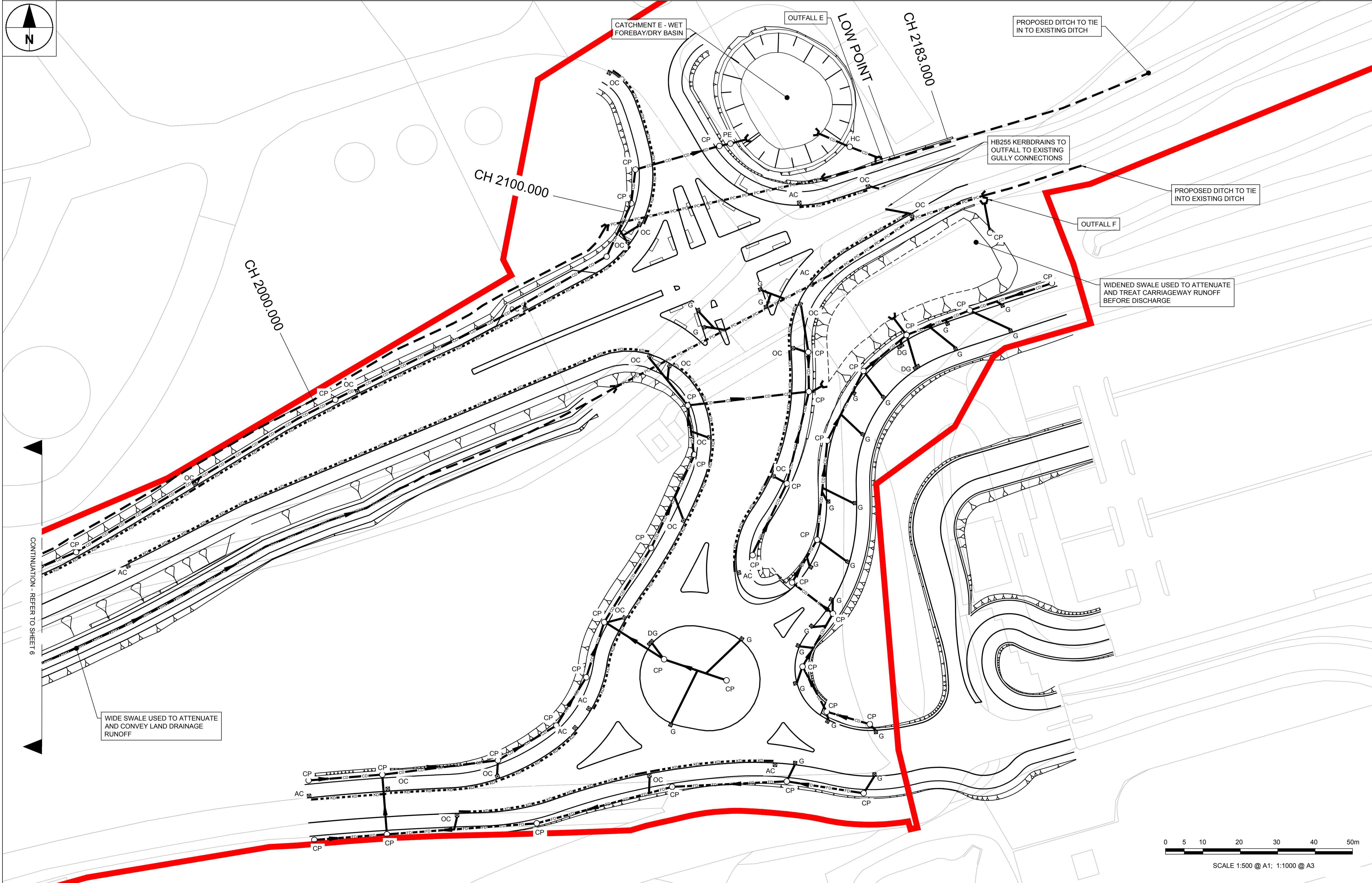
- ALL DIMENSIONS SHOWN ARE IN METRES UNLESS OTHERWISE SPECIFIED.
- ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE CONTRACT SPECIFICATION AND THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS (MCHW).
- ALL WORKING HOURS AND TRAFFIC MANAGEMENT MEASURES ARE TO BE AGREED WITH THE LOCAL HIGHWAY AUTHORITY AND DEPLOYED IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
- LOCATION OF SITE COMPOUND TO BE AGREED WITH THE LOCAL HIGHWAY AUTHORITY PRIOR TO WORKS COMMENCING. ALL MOVEMENT OF PLANT SHOULD BE IN ACCORDANCE WITH RECOGNISED GOOD INDUSTRY PRACTICE. BANKSMEN SHOULD BE PROVIDED WHEN REQUIRED.
- THE GENERAL PUBLIC SHOULD BE SEPARATED FROM THE WORKS WITH ADEQUATE LATERAL CLEARANCE AND APPROPRIATE SAFETY ZONES PROVIDED IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
- ACCESS TO PRIVATE PROPERTIES MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED WITH THE AFFECTED PARTY AND THE LOCAL HIGHWAY AUTHORITY.
- MEASURES SHOULD BE DEPLOYED TO ENSURE NOISE, VIBRATION AND DUST IS MINIMISED.
- ALL BURIED SERVICES ARE TO BE POSITIVELY LOCATED ON SITE PRIOR TO EXCAVATION. CAT SCANS SHALL BE COMPLETED PRIOR TO EXCAVATION WITH SERVICE LOCATIONS MARKED UP ON SITE. OPERATIVES SHALL EMPLOY HAND DIGGING METHODS WHEN WORKING IN CLOSE PROXIMITY TO BURIED SERVICES. STATUTORY UNDERTAKER'S PLANT SHALL BE PROTECTED AS NECESSARY. ADDITIONAL TRIAL PITS SHALL BE EXCAVATED AS REQUIRED.

**KEY**

- SURFACE WATER CARRIER DRAIN
- FILTER DRAIN
- GULLY CONNECTION
- PROPOSED CULVERT
- COMBINED KERB DRAIN
- SWALE
- DITCH
- PROPOSED SLOPE DRAIN (CUTTINGS)
- PLANNING APPLICATION BOUNDARY
- MH MANHOLE
- CP CATCHPIT
- G GULLY
- DG DOUBLE GULLY
- AC ACCESS CHAMBER
- OC OUTLET CHAMBER
- DOC DOUBLE OUTLET CHAMBER
- PE PENSTOCK
- HC HYDROBRAKE CHAMBER
- RE RODDING EYE
- HEADWALL



ISO A1 594mm x 841mm  
 Approved: RM  
 Checked: AT  
 Designer: BH  
 Project Management Initials:  
 File name: F:\PROJECTS\HIGHWAYS - ST ATHAN\DESIGN\DRAWINGS\600 - DRAINAGE\GENERAL ARRANGEMENT.DWG  
 Last saved by: CASSIDY  
 Last saved: 2017/05/24  
 Continuation - REFER TO SHEET 6  
 Printed on: %Full Consumer  
 Recycled Content Paper



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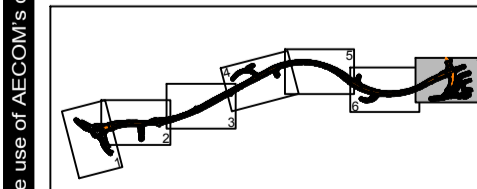
**STATUS**

PLANNING SUBMISSION ISSUE

**ISSUE/REVISION**

| IR | DATE       | DESCRIPTION             |
|----|------------|-------------------------|
| B  | 26-05-2017 | DRAINAGE LAYOUT AMENDED |
| A  | 27-03-2017 | FOR PLANNING            |

**KEY PLAN**



**PROJECT NUMBER**

60509148

**SHEET TITLE**

ST ATHAN  
DRAINAGE GENERAL ARRANGEMENT  
PRELIM DESIGN  
SHEET 7 OF 7  
SHEET NUMBER

60509148-SHT-30-0000-CT-0507



SCALE 1:500 @ A1; 1:1000 @ A3