



- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT TO THIS PROJECT.
- ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION. ANY DISCREPANCIES SHOULD BE IMMEDIATELY NOTIFIED IN WRITING TO THE ENGINEER.
- THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION CHECK AND VERIFY THAT THE DETAILS SHOWN ON THIS DRAWINGS ARE FULLY COMPATIBLE WITH ANY CONSTRUCTED DIMENSIONS OR LEVELS. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY IN WRITING TO THE ENGINEER.
- THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE COMMISSIONING PARTY AND UNLESS AGREED IN WRITING BY THE ENGINEER NO OTHER PARTY MAY USE OR RELY ON ITS CONTENTS. NO LIABILITY IS ACCEPTED BY THE ENGINEER LIMITED FOR ANY USE OF THIS DRAWING OTHER THAN FOR THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.
- IT SHOULD BE NOTED THAT THIS DRAWING MAY INCLUDE DATA PROVIDED BY THIRD PARTIES. NO LIABILITY IS ACCEPTED BY THE ENGINEER AS TO THE ACCURACY OF THIS DATA.
- THIS DRAWING SHALL NOT BE REPRODUCED IN ANY WAY WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.

PRESSURE TESTING REQUIRE AS STATED IN SEWERS FOR ADOPTION 7TH EDITION E7.3.3 ONCE SEWERS HAVE BEEN BACKFILLED. IN THE CASE OF PLASTIC SEWERS OF LESS THAN 400mm DIAMETER, TWUL REQUIREMENTS THAT UNDER CLAUSE E1.3, THE POST-BACKFILLING TEST SHALL BE CARRIED OUT AT THE END OF THE MAINTENANCE PERIOD TO CONFIRM THAT ANY HIGH PRESSURE JETTING CARRIED OUT UNDER CLAUSE E7.1.1 HAS NOT DAMAGED THE PIPEWORK. FOR COMPLEX DEVELOPMENTS, TWUL MAY REQUIRE THE DEVELOPER TO PROVIDE AN AIR TESTING PROGRAM SHOWING HOW THE AIR TESTING OF PLASTIC PIPEWORK WILL BE CARRIED OUT. FOR AVOIDANCE OF DOUBT, FOR NEW CLAY AND CONCRETE SEWERS, NO AI TEST IS REQUIRED AT THE END OF THE MAINTENANCE PERIOD AS THEIR RESISTANCE TO HIGH PRESSURE JETTING IS MUCH GREATER. SEE WRG JETTING GUIDANCE FOR FURTHER INFORMATION.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS IN METERS. ALL CHANGES, LEVELS AND COORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT HEALTH & SAFETY FILE FOR ANY IDENTIFIED POTENTIAL RISKS.

KEY

- SITE BOUNDARY
- PROPOSED ADOPTABLE SWS
- PROPOSED ADOPTABLE HIGHWAY DRAIN
- SPINE ROAD SWS
- PROPOSED STORM LATERAL
- PROPOSED ADOPTABLE FWS
- SPINE ROAD FWS
- PROPOSED FOUL LATERAL
- EASEMENT
- GULLY AND CONNECTION
- FLOOD EXCESSANCE ROUTING ARROWS
- FINISHED FLOOR LEVEL
- SURFACE WATER FLOODING GENERATED DURING THE 100 YEAR RETURN PERIOD PLUS CLIMATE CHANGE. FLOOD WATER TO BE CONTAINED WITHIN THE CARRIAGEWAY AND RE-ENTER GULLIES AS INDICATED WITH ARROW

A SECTION 106 APPLICATION MUST BE MADE TO AND APPROVED BY THE LOCAL WATER AUTHORITY PRIOR TO THE CONNECTION TO EXISTING PUBLIC SEWERS. EXISTING INVERT LEVELS ARE TO BE VERIFIED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS. INFORM THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

ALL ADOPTABLE DRAINAGE WORKS TO BE CONSTRUCTED AS DETAILED IN SEWERS FOR ADOPTION, 7TH EDITION, OR AS STIPULATED IN THAMES WATER'S ADDENDUM

PRELIMINARY SUBJECT TO SECTION 38 & 104 APPROVAL

Revision Details	By	Check	Date	Suffix
DESIGN AMENDED TO SUIT PLOT MOVEMENTS IN LAYOUT REV AQ & AS	PB	CAO	29/03/16	P4
DESIGN AMENDED TO SUIT VALUE ENGINEERING AND LAYOUT REV AM	PB	CAO	11/03/16	P3
THAMES WATER NOTES ADDED	PB	CAO	25/01/16	P2
PRELIMINARY ISSUE	PB	CAO	27/11/15	P1

Purpose of Issue: **FOR APPROVAL**

Client: **BARRATT WEST MIDLANDS**

Project Title: **LONGFORD PARK PARCEL E**

Drawing Title: **DRAINAGE LAYOUT**

Designed	Drawn	Checked	Approved	Date
PB	PB	CAO	CAO	27/11/15

AECOM Internal Project No: 47074043
 Scale @ A1: 1:500
 Substability: N/A
 Zone: N/A

THIS DOCUMENT HAS BEEN PREPARED PRACTICANT AND IS SUBJECT TO THE TERMS OF AECOM APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

AECOM Infrastructure & Environment UK Limited
 1st Floor, Victoria Square House
 Victoria Square
 Birmingham, B2 4AJ
 Tel: +44 (0)121 212 3035
 Fax: +44 (0)121 212 1938
 www.aecom.com

