



- KEY**
- EXISTING STORM DRAIN
  - EXISTING FOUL DRAIN
  - EXISTING STORM DRAIN TO BE DISBANDED
  - EXISTING FOUL DRAIN TO BE DISBANDED
  - NEW SURFACE WATER DRAIN
  - NEW FOUL DRAIN
  - RAINWATER PIPE
  - SVP/ STUB STACK
  - DRAINAGE CHANNEL
  - FOUL DRAINAGE CHANNEL
  - PCC STORM MANHOLE
  - 450ø SHALLOW INSPECTION CHAMBER
  - 250ø SHALLOW INSPECTION CHAMBER
  - DENOTES GULLY
  - RE RODDING EYE

- NOTES:**
1. COPYRIGHT: THE CONTENTS OF THIS DRAWING MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF BUXTON ASSOCIATES.
  2. DO NOT SCALE THIS DRAWING
  3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWING ISSUES AND THE SPECIFICATION.
  4. IN ORDER TO MAINTAIN THE SATISFACTORY FUNCTIONING OF DRAINAGE SYSTEM, ALL ROAD AND YARD GULLIES ARE TO BE 'TRAPPED'.
  5. ALL PRIVATE SEWERS ARE TO BE 100MM DIA. UNLESS OTHERWISE STATED. THE PRIVATE DRAINAGE DESIGN ON THE PLAN HAS BEEN BASED ON THE PRINCIPLES OF A UPVC SYSTEM. IT CAN BE ADAPTED TO SUIT A STONWARE SYSTEM BUT REFERENCE SHOULD BE MADE TO THIS OFFICE BEFORE AMENDMENTS ARE MADE.
  6. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT 'H' BRITISH STANDARD EN 752, AND TO THE SATISFACTION OF NHBC/LOCAL AUTHORITY BUILDING CONTROL SECTION.
  7. MANHOLES SITUATED WITHIN AREAS ACCESSIBLE TO MOTOR VEHICLES ARE TO BE FITTED WITH SUITABLE STRENGTH COVERS AND FRAMES.
  8. STUB STACKS FITTED WITH AIR ADMITTANCE VALVES MAY BE USED INSTEAD OF SOIL AND VENT PIPES, SUBJECT TO THE ARCHITECTS APPROVAL (EXCEPT WHERE THE DRAINAGE CONNECTION EXCEEDS 10M BEFORE CONNECTING WITH ANOTHER VENTILATED DRAIN OR INSPECTION CHAMBER OR MANHOLE). HEAD OF DRAIN VENT PIPES MUST NOT BE FITTED WITH AIR ADMITTANCE VALVES.
  9. REFERENCE SHOULD BE MADE TO THE STRUCTURAL ENGINEERS DETAILS FOR ALL ASPECTS OF FOUNDATION DESIGN AND CONSTRUCTION.
  10. THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
  11. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
  12. IT IS THE SUBCONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE.
  13. CONNECTIONS TO AND DIVERSIONS OF EXISTING DRAINAGE ARE TO BE CHECKED FOR LEVEL AND POSITION PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ON SITE. ANY SIGNIFICANT DIFFERENCES ARE TO BE REPORTED TO THIS OFFICE SO THAT DESIGNS MAY BE ADJUSTED ACCORDINGLY.
  14. EXISTING DRAINAGE CONNECTIONS TO BE TRACED ON SITE, INVERT LEVELS RECORDED AND ENDS CAPPED OFF UNLESS IDENTIFIED FOR RE-USE.
  15. THE POSITION AND LEVEL OF ALL NEW DRAINAGE & BURIED SERVICES ARE TO BE CHECKED ON SITE PRIOR TO DRAINAGE CONSTRUCTION TO ENSURE CONNECTIONS CAN BE ACHIEVED.
  16. ALL MANHOLE COVERS TO BE CLASS A15 EXCEPT WHERE LOCATED IN AREAS OF VEHICLE ACCESS WHERE CLASS B125 ARE TO BE USED.

BELOW GROUND STORAGE TANK TO COLLECT INTERNAL RUN-OFF. TANK TO HAVE SEALED COVER AND VENT TO ATMOSPHERE. TANK TO BE KLARGESTER 46,000L OR SIMILAR INSTALLED WITH CONCRETE SURROUND.

WASH-DOWN SILT SEPARATOR/KLARGESTER (W1/080) OR SIMILAR APPROVED

ALL RUN-OFF FROM INTERNAL MATERIALS STORAGE AND HANDLING AREAS TO CONNECT INTO SEALED FOUL DRAINAGE SYSTEM

BELOW GROUND RAINWATER HARVESTING TANK TO COLLECT RAINWATER RUN-OFF FROM ROOFS FOR RE-USE WITH DUST SUPPRESSION & WHEEL WASHING FACILITIES.

PROPRIETARY CRATE ATTENUATION SYSTEM, VOLUME TBC

HYDRO-BRAKE MANHOLE

EXISTING SURFACE WATER DRAINAGE AND INTERCEPTORS DISBANDED

EXISTING SURFACE WATER OUTFALL TO STREAM RE-USED. DISCHARGE RATE LIMITED TO THAT OF THE EXISTING SITE.

NEW MANHOLE CONSTRUCTED ON LINE OF EXISTING SURFACE WATER SEWER.

288400.00

P4	PRELIMINARY	JUN 15	MS	CP
P3	PRELIMINARY	OCT 14	IMV	CP
P2	PRELIMINARY	JULY 14	IMV	SH
P1	PRELIMINARY	JULY 13	IMV	CP
REV	DESCRIPTION	DATE	BY	CHK

**buxton**  
associates  
consulting structural engineers

Cathile House, 23a Willow Lane  
Mitcham, Surrey, CR4 4TU  
T: 020 8288 4845  
www.buxtonassociates.co.uk

CLIENT: RWR COMMERCIAL

CONTRACT: WASTE RECYCLING FACILITIES, BECCLES

TITLE: DRAINAGE LAYOUT

SCALE: 1:250 @ A1	ENGINEER: CP	DRAWN BY: MKV
DATE: JUNE 2013	CHECKED BY: CP	APPROVED: .

DRAWING No: 5326/D01	REVISION: P4
----------------------	--------------

CDM NOTES:  
1.

