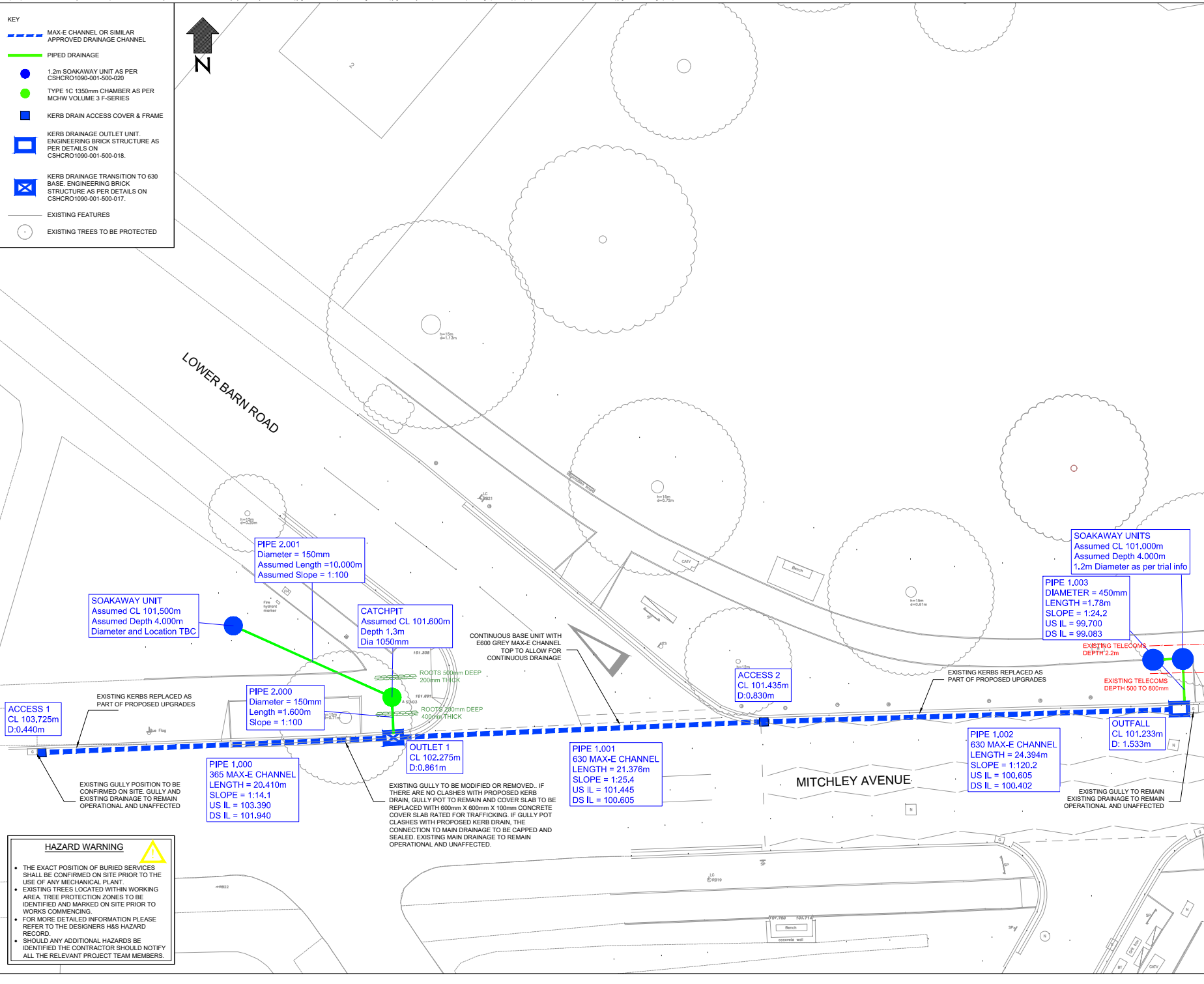


- KEY**
- MAX-E CHANNEL OR SIMILAR APPROVED DRAINAGE CHANNEL
 - PIPED DRAINAGE
 - 1.2m SOAKAWAY UNIT AS PER CSHCRO1090-001-500-020
 - TYPE 1C 1350mm CHAMBER AS PER MCHW VOLUME 3 F-SERIES
 - KERB DRAIN ACCESS COVER & FRAME
 - KERB DRAINAGE OUTLET UNIT, ENGINEERING BRICK STRUCTURE AS PER DETAILS ON CSHCRO1090-001-500-018.
 - KERB DRAINAGE TRANSITION TO 630 BASE, ENGINEERING BRICK STRUCTURE AS PER DETAILS ON CSHCRO1090-001-500-017.
 - EXISTING FEATURES
 - EXISTING TREES TO BE PROTECTED



- NOTES:**
1. ALL PIPE SIZES ARE IN MILLIMETRES, PIPE LENGTHS AND LEVELS ARE IN METRES.
 2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT LOWER BARN ROAD ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
 3. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY SO THAT CLARIFICATIONS CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
 4. THE PROPOSED DRAINAGE SCHEME WILL BE CONNECTED TO 3 NEW 1.2m SOAKAWAY UNITS.
 5. ALL NECESSARY STATUTORY UNDERTAKER APPROVALS SHALL BE ARRANGED BY CONTRACTOR.
 6. THIS SCHEDULE IS TO BE READ IN CONJUNCTION WITH SERIES 200 AND SERIES 500 APP S1, S15 SPECIFICATIONS HAVE NOT BEEN PRODUCED FOR THIS DESIGN.
 7. ALL CHAMBER COVERS AND CONCRETE COVERS ARE TO BE CLASS D400, MANUFACTURED TO BS EN 124.
 8. ALL AFFECTED EXISTING SERVICE COVERS AND FRAMES SHALL BE RAISED/LOWERED TO MATCH NEW LEVELS.
 9. TYPE Z BEDDING TO BE USED WITHIN FOOTWAYS NEXT TO CARRIAGEWAYS. BEDDING DETAILS GIVEN ON CSHCRO1090-001-500-021
 10. BEDDING, BACKFILL AND COVER OF PIPES WILL CONFORM TO THE SPECIFICATIONS SET OUT IN SHW 503 AND 505.
 11. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL PROPOSED LEVELS TIE IN TO EXISTING LEVELS. ALL EXISTING INVERT LEVELS AND DIAMETERS TO BE CHECKED BY THE CONTRACTOR AT THE START OF WORKS AND THE ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES.
 12. DURING CONSTRUCTION CONTRACTOR HAS TO ENSURE THAT:
 - EXISTING DRAINAGE CAPACITY IS NOT INHIBITED IN ANY WAY.
 - ALL ELEMENTS ARE STRUCTURALLY SOUND FOR TRAFFICKING TO CLASS D400.
 - LEFT IN A CONDITION THAT IT IS MAINTENANCE FREE FOR A MINIMUM OF 5 YEARS.
 12. THE CONTRACTOR MUST NOTIFY THE APPROVING AUTHORITY OF ANY DEFECTS AND BLOCKAGES IN ANY EXISTING DRAINAGE NETWORKS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 13. DRAINAGE SYSTEM TO BE JETTED AND A CAMERA SURVEY CARRIED OUT WHEN WORKS HAVE BEEN COMPLETED TO PROVE THE DRAINAGE SYSTEM IS FUNCTIONING AS DESIGNED.
 14. DO NOT SCALE FROM THIS DRAWING USE FIGURED DIMENSIONS ONLY.
 15. ALL PROPOSED MANHOLES AND CATCHPITS ARE TO BE CONSTRUCTED ACCORDING TO MCHW VOL 3 SECTION 1 - F SERIES.
 16. ALL PROPOSED LINEAR AND COMBINED KERB DRAINS TO BE CONSTRUCTED AS PER MANUFACTURER'S GUIDELINES AND SPECIFICATION.
 17. ANY CONNECTIONS TO CARRIER PIPES FROM GULLIES AND KERB DRAINAGE TO BE IN ACCORDANCE WITH SHW CLAUSE 508.
 18. INFILTRATION RATE ASSUMPTION OF 35mm/hr TO BE CONFIRMED ON SITE BEFORE CONSTRUCTION.

Rev	Date	Description	SH	DK	KT
P01	2007/021	FIRST ISSUE			

This drawing has been specifically prepared to meet the requirements of the named client and may contain design and innovative features which differ from conventional design standards.



Client: **CROYDON**
www.croydon.gov.uk

Project: LOWER BARN ROAD

Drawing Title: PROPOSED SURFACE WATER STORAGE DRAINAGE LAYOUT

Drawing Status: **FOR COMMENT**
NOT TO BE USED FOR CONSTRUCTION

Drawn	Checked	Date	Scale	Size
SH	SH	JULY 2021	1:100	A1

Drawing No: CSHCRO1090-001-500-016

HAZARD WARNING

- THE EXACT POSITION OF BURIED SERVICES SHALL BE CONFIRMED ON SITE PRIOR TO THE USE OF ANY MECHANICAL PLANT.
- EXISTING TREES LOCATED WITHIN WORKING AREA, TREE PROTECTION ZONES TO BE IDENTIFIED AND MARKED ON SITE PRIOR TO WORKS COMMENCING.
- FOR MORE DETAILED INFORMATION PLEASE REFER TO THE DESIGNERS H&S HAZARD RECORD.
- SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED THE CONTRACTOR SHOULD NOTIFY ALL THE RELEVANT PROJECT TEAM MEMBERS.