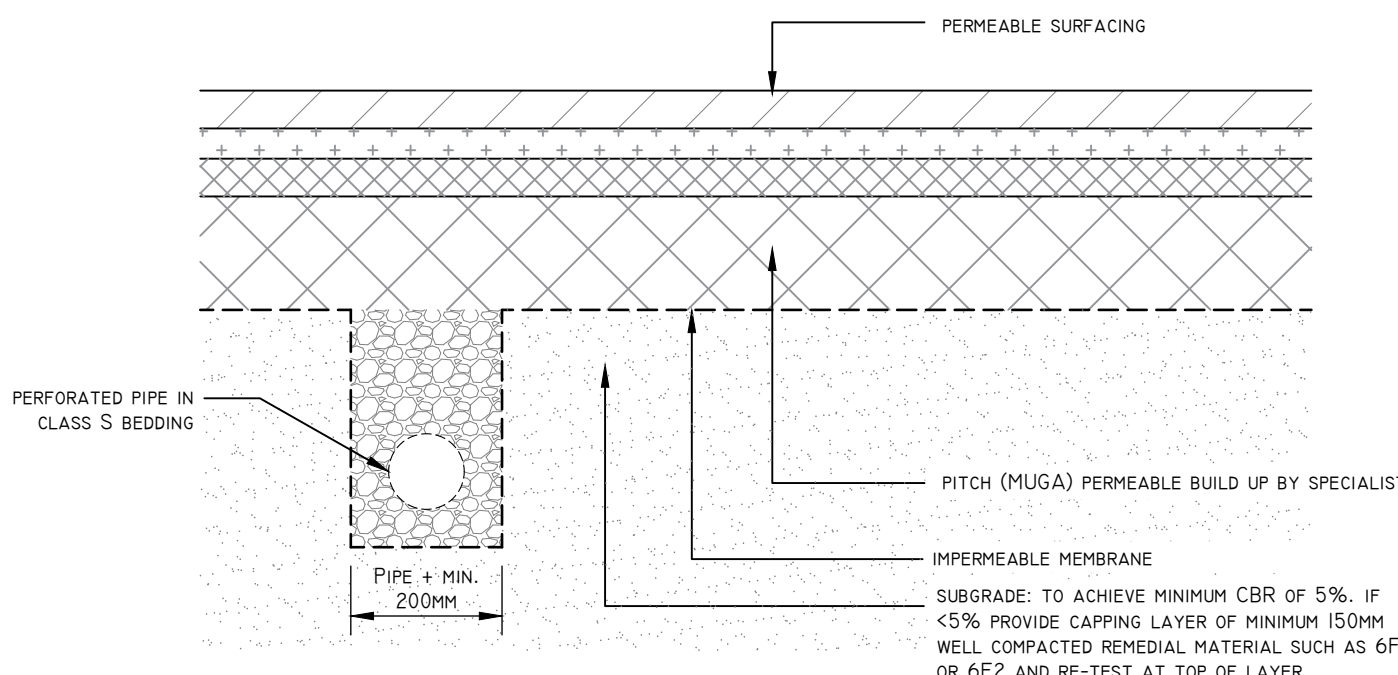




PROPOSED MUGA DRAINAGE ARRANGEMENT
1:200 @ A1
1:400 @ A3



TYPICAL PITCH (MUGA) DRAINAGE DETAIL
1:10 @ A1
1:20 @ A3

- DENOTES NEW SURFACE WATER DRAINAGE
- DENOTES NEW ACO DRAIN (WITH SUMP UNITS)
- DENOTES EXISTING SURFACE WATER DRAINAGE

DESIGN PHILOSOPHY

- THE TOPOGRAPHICAL AND UTILITY SURVEY UNDERTAKEN BY ACAD DESIGN AND SURVEYS HIGHLIGHTS THE ASSUMED DRAINAGE NETWORK SERVING THE EXISTING FIELD.
- THEREFORE, IT IS PROPOSED THAT THE EXISTING DRAINAGE BE UNCOVERED (WHERE REQUIRED) AND REPLACED OR REDIRECTED WHERE ANY CLASHES MAY OCCUR WITH NEW DRAINS. ANY NECESSARY REPAIRS TO EXISTING PIPES AND DRAINS ARE TO BE CARRIED OUT WHILE THEY ARE EXPOSED. JETTING IS TO BE CARRIED OUT WHERE RECOMMENDED AND EXISTING CATCH PITS ARE TO BE EMPTIED.
- NEW LAND DRAINS (AS DETAILED) AND AN IMPERMEABLE MEMBRANE WILL BE INSTALLED UNDER THE PROPOSED MUGA TO PREVENT GROUND WATER INGRESS INTO THE SYSTEM.

DESIGN IS SUBJECT TO APPROVAL BY UNITED UTILITIES.

IT IS ASSUMED THE EXISTING DRAINAGE SYSTEM HAS SUFFICIENT CAPACITY TO ACCOMMODATE THE NEW CONNECTION FOR THE PURPOSES OF THIS MUGA DRAINAGE DESIGN. ALL EXISTING DRAINAGE IS TO BE CHECKED (BY OTHERS) FOR LEVEL POSITIONS AND CAPACITY.

DESIGN IS SUBJECT TO APPROVAL BY THE LLFA. ANY WORKS CARRIED OUT OR MATERIALS ORDERED PRIOR TO RECEIPT OF APPROVAL IS AT THAT PARTIES RISK.

- GENERAL NOTES:
- THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF BELL MUNRO CONSULTING LTD. THE DRAWING MUST NOT BE REPRODUCED IN PART OR IN WHOLE WITHOUT PRIOR WRITTEN AUTHORITY.
 - THIS DRAWING MUST NOT BE SCALED BY EITHER CONTRACTORS OR OTHER CONSULTANTS ANY DIMENSIONAL OR SETTING - OUT DISCREPANCIES ARE TO BE REPORTED TO BELL MUNRO CONSULTING PRIOR TO CONSTRUCTION / FABRICATION COMMENCING.
 - THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE RELEVANT BMC SPECIFICATIONS TOGETHER WITH THE APPROPRIATE ARCHITECTS AND SERVICES CONSULTANTS DRAWINGS AND SPECIFICATIONS.
 - ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR PRIOR TO FABRICATION.
 - C-L DENOTES CENTER LINE
 - INSTALLATION OF ALL PROPRIETARY BUILDERS METAL WORK TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - TEMPORARY STABILITY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR AND SHOULD BE ASSESSED ACCORDINGLY.
- DRAINAGE NOTES
- PLASTIC PIPES (PVC-U) TO BE FLEXIBLY JOINTED AND COMPLY WITH THE REQUIREMENTS OF BS EN 1401-1 1998.
 - N.B. UNTIL FINAL SERVICE IS PLACED, HEAVY TRAFFIC IS NOT TO BE ALLOWED OVER PIPE TRENCHES WITHOUT SPECIAL PRECAUTIONS.
 - PIPES AND FITTINGS ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
 - MANHOLE COVERS IN LANDSCAPED AND PAVED AREAS TO BE LOAD CLASS B125 BS EN 124.

PRELIMINARY
THIS DRAINAGE DESIGN IS
INDICATIVE ONLY AND A
'BEST CASE' SOLUTION
UNTIL THE EXISTING
DRAINAGE AND ITS
CAPACITY HAVE BEEN
CONFIRMED

REV	INITIAL ISSUE	21.09.23	CR
	COMMENTS	DATE	BY

BMC

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CLIENT: BLACK CAT BUILDING
CONSULTANCY LTD.

PROJECT: GORTON EDUCATION VILLAGE MUGA

TITLE: PROPOSED MUGA DRAINAGE

DRAWN BY: CR	CHECKED BY: SJB	SCALE: AS SHOWN	DATE: 09/23
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DRAWING NUMBER: J8295/D01	REVISION: --/--
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