

Do not scale for construction purposes. If in doubt - ASK. The contractor is to check and verify all dimensions on site prior to construction. This drawing is not to be reproduced without written permission.

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:
1. THE DESIGN, INSTALLATION & VERIFICATION OF ALL LIGHTING CIRCUITS, ALLOWING FOR APPROPRIATE CABLE SIZES & FINAL PROTECTION.
 2. THE REMOVAL OF EXISTING LIGHT FITTINGS/LUMINAIRES, DISPOSAL IN ACCORDANCE WITH WEEE REGULATIONS. MAKE GOOD TO CEILINGS AS NECESSARY. EXISTING CONTAINMENT SHOULD BE UTILISED WHERE POSSIBLE
 3. FINAL POSITIONS TO BE DECIDED BY THE CONTRACTOR'S DESIGNER. THE COMPLETE ELECTRICAL INSTALLATION AS SPECIFIED MUST BE INSTALLED, COMMISSIONED AND MAINTAINED IN ACCORDANCE WITH THE CURRENT EDITION OF THE ELECTRICAL ENGINEERING CODES OF PRACTICE, THE LATEST EDITION OF THE IEE REGULATIONS FOR ELECTRICAL INSTALLATIONS (BS 7671 WITH AMENDMENTS) 18th EDITION. THE WORKS SHALL ALSO CONFORM TO ANY SPECIFIC INSTRUCTIONS ISSUED BY THE MANUFACTURERS OF ACCESSORIES, HEATERS, CABLES ETC.
 4. ALL CABLES/WIRES TO BE CONTAINED IN STEEL AND/OR PVC CONDUITS SUITABLE FOR THEIR LOCATION AND RISK OF DAMAGE ALL CONDUITS IN NEW EXTENSION ONLY TO BE HOUSED IN WALL CHASES. ELSEWHERE, CONDUITS CAN BE SURFACE MOUNTED.
 5. LED LIGHTING USING MANUFACTURER OF CONTRACTORS CHOICE. PROVIDE EVIDENCE THAT LED LIGHTING IS IN COMPLIANCE WITH IEC/PAS 62717 AND 62722. INCLUDE FOR LAMPS AND EMERGENCY BACK UP TO SUIT LOCATION AND USE. EMERGENCY LIGHTING SHALL BE DESIGNED TO BS 5266.
 6. INSPECTION AND TESTING TO BS 7671. PROVIDE ALL NECESSARY CERTIFICATION TO THE EMPLOYER AT HANDOVER.

PROJECT PROCEDURES

THE WORKS COVERED BY SCHEDULES AND DRAWINGS INCLUDE FOR THE EXECUTION OF ALL WORKS, TOGETHER WITH THE SUPPLY AND FIXING OF ALL MATERIALS NECESSARY FOR THE COMPLETION OF THE ELECTRICAL INSTALLATION WITHIN THE NEW DEVELOPMENT.

THE COMPLETE ELECTRICAL INSTALLATION AND ALL ELECTRICAL APPLIANCES MUST BE ELECTRICALLY TESTED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE ELECTRICAL ENGINEERING CODES OF PRACTICE, THE CURRENT EDITION OF THE IEE REGULATIONS FOR ELECTRICAL INSTALLATIONS (BS 7671). THE CONTRACTOR WILL BE DEEMED TO HAVE VISITED THE SITE AND SATISFIED THEMSELVES AS TO LOCAL CONDITIONS, ACCESSIBILITY, NATURE AND LAYOUT OF THE SITE AND ALL OTHER MATTERS WHICH MIGHT AFFECT THERE TENDER IN ANY WAY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE MEASUREMENTS AND PREPARATION OF THE SCHEDULES OF MATERIALS NECESSARY FOR THE PURPOSE OF PROPER EXECUTION OF THE WORKS. NO CLAIMS ON THE GROUNDS OF INSUFFICIENT KNOWLEDGE WILL BE ENTERTAINED.

THE CONTRACTOR MUST ENSURE SAFETY TO ALL PERSONS ON THE PREMISES AT ALL TIMES. TOOLS, LADDERS, LENGTHS OF CABLE, TRUNKING AND CONDUIT ETC. LIABLE TO CAUSE INJURY, MUST BE STORED AWAY, UNLESS IN USE AND LIKEWISE MUST NOT BE LEFT IN SUCH A MANNER AS TO CAUSE INJURY WHILST IN USE.

ON COMPLETION OF THE CONTRACT THE CONTRACTOR SHALL ENSURE THAT THE PROPERTY IS CLEARED OF ALL REDUNDANT MATERIALS, PACKAGING, PLANT, TOOLS, ETC. WITHIN 7 DAYS. THE SUCCESSFUL CONTRACTOR SHALL SUBMIT THE APPROPRIATE RISK ASSESSMENT AND METHOD STATEMENTS TO THE SPECIFYING ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF THE PROJECT. RISK ASSESSMENT AND METHOD STATEMENTS SUBMITTED WILL BE APPROVED BY THE SPECIFYING ENGINEER WITHIN 10 WORKING DAYS OF RECEIPT. THE CONTRACTOR SHALL MODIFY THE RISK ASSESSMENTS AND METHOD STATEMENTS AND RE-SUBMIT THEM UNTIL SUCH TIME AS THE SPECIFYING ENGINEER HAS NO FURTHER COMMENTS.

Revision	Date	Description
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BMO Surveying
Chartered Building Surveyors

Unit 8A Mobbs Miller House
Christchurch Road
Northampton
NN1 5LL

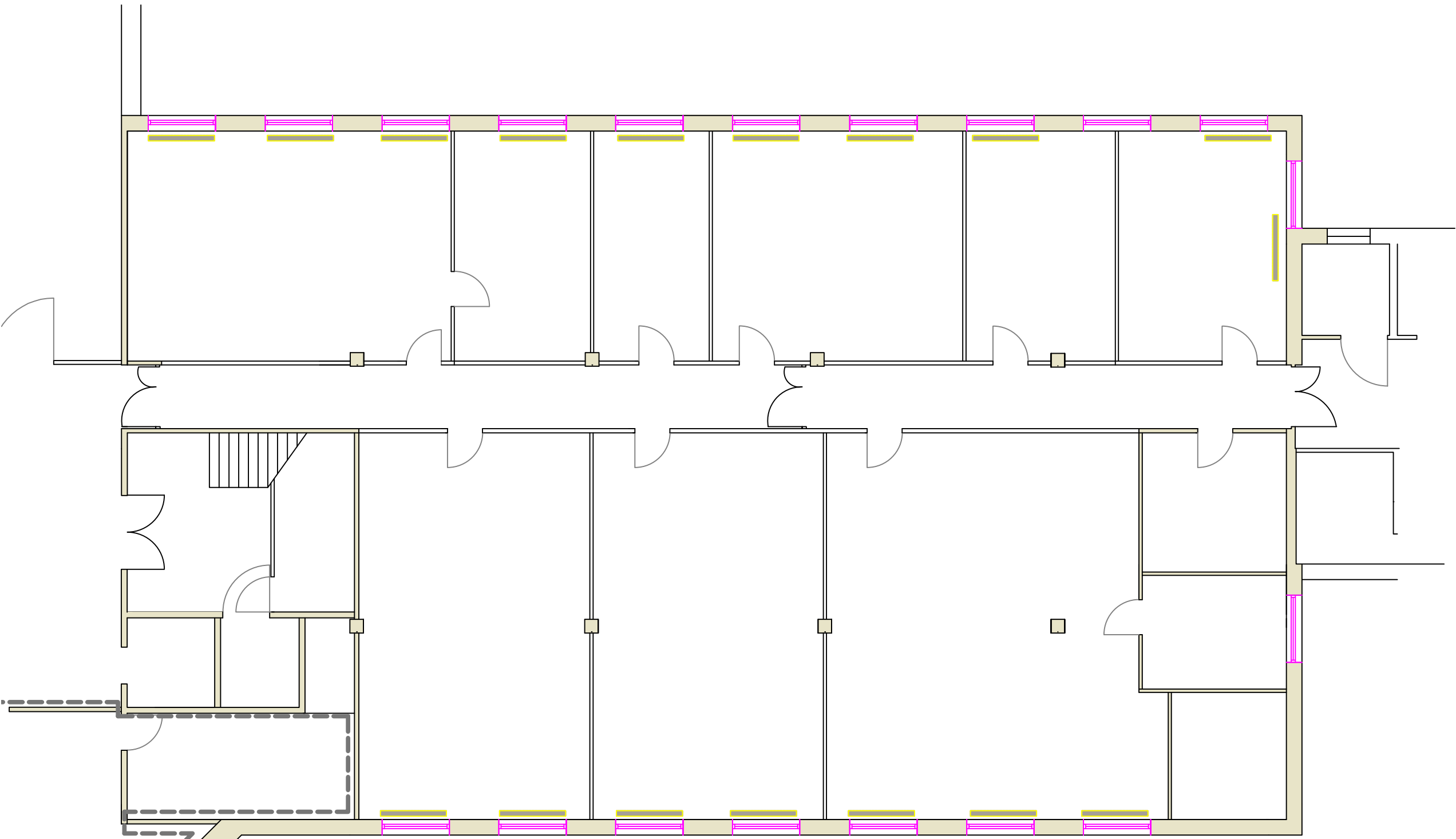
Tel: 01604 715225
Email: bmosurveying@btconnect.com

Client:
EAST NORTHAMPTONSHIRE COUNCIL
CEDAR DRIVE, THRAPSTON
NORTHAMPTONSHIRE

Project:
**OFFICE TRANSFORMATION PROJECT -
PHASE 2 AT EAST NORTHAMPTONSHIRE
HOUSE, CEDAR DRIVE, THRAPSTON
NORTHAMPTONSHIRE**

Drawing:
**EMPLOYERS REQUIREMENTS
LIGHTING UPGRADE TO LED LIGHTS**

Drawing number: 19.369.04 SHEET 1	Rev:	Date: JAN 2020
Scale: As shown @ A1	Drawn by: BOM	Checked by:
Status: TENDER	Sheet Size: A1	

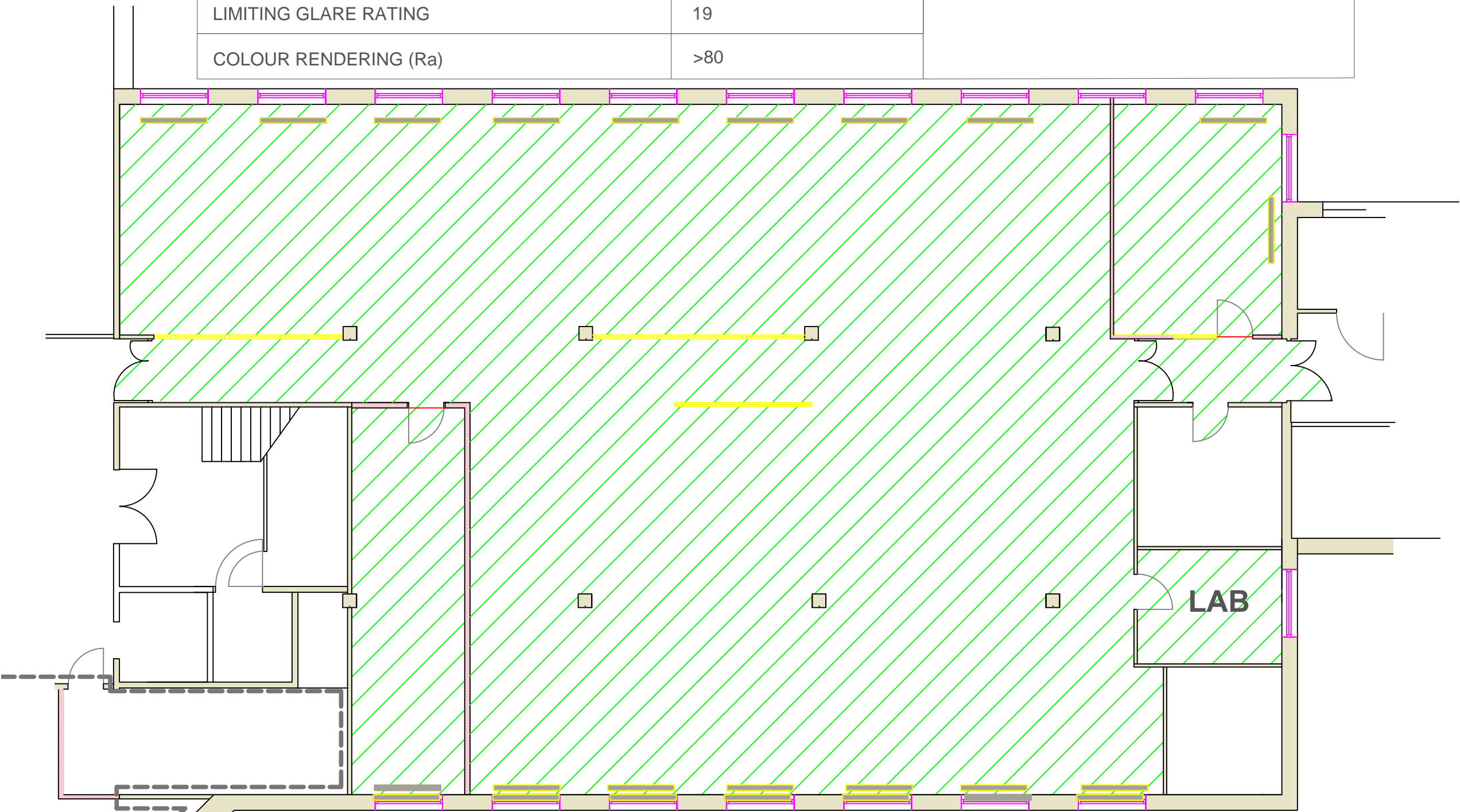


EXISTING LOWER GROUND FLOOR PLAN - ENVIRONMENTAL SERVICES
PHASE 1

Scale - 1:100

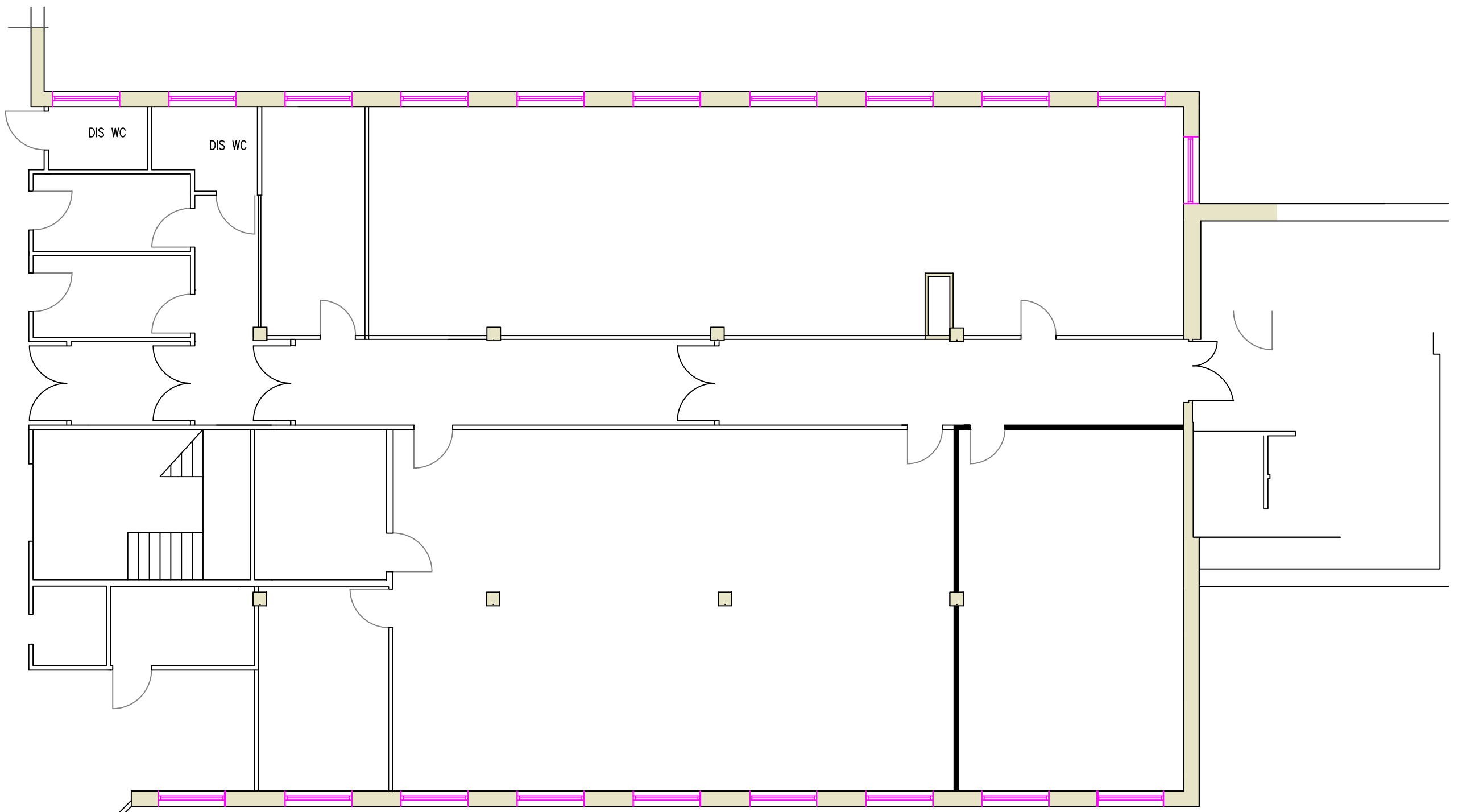
PERFORMANCE REQUIREMENTS FOR LED LIGHTING AND CONTROLS

MAINTAINED ILLUMINAIRE AT WORKING PLANE	300 LUX 500 LUX IN LAB	Control Type
UNIFORMITY RATIO	NOT LESS THAN 0.8	Daylight linking and absence detection
LIMITING GLARE RATING	19	
COLOUR RENDERING (Ra)	>80	



PROPOSED LOWER GROUND FLOOR PLAN - ENVIRONMENTAL SERVICES
PHASE 1

Scale - 1:100

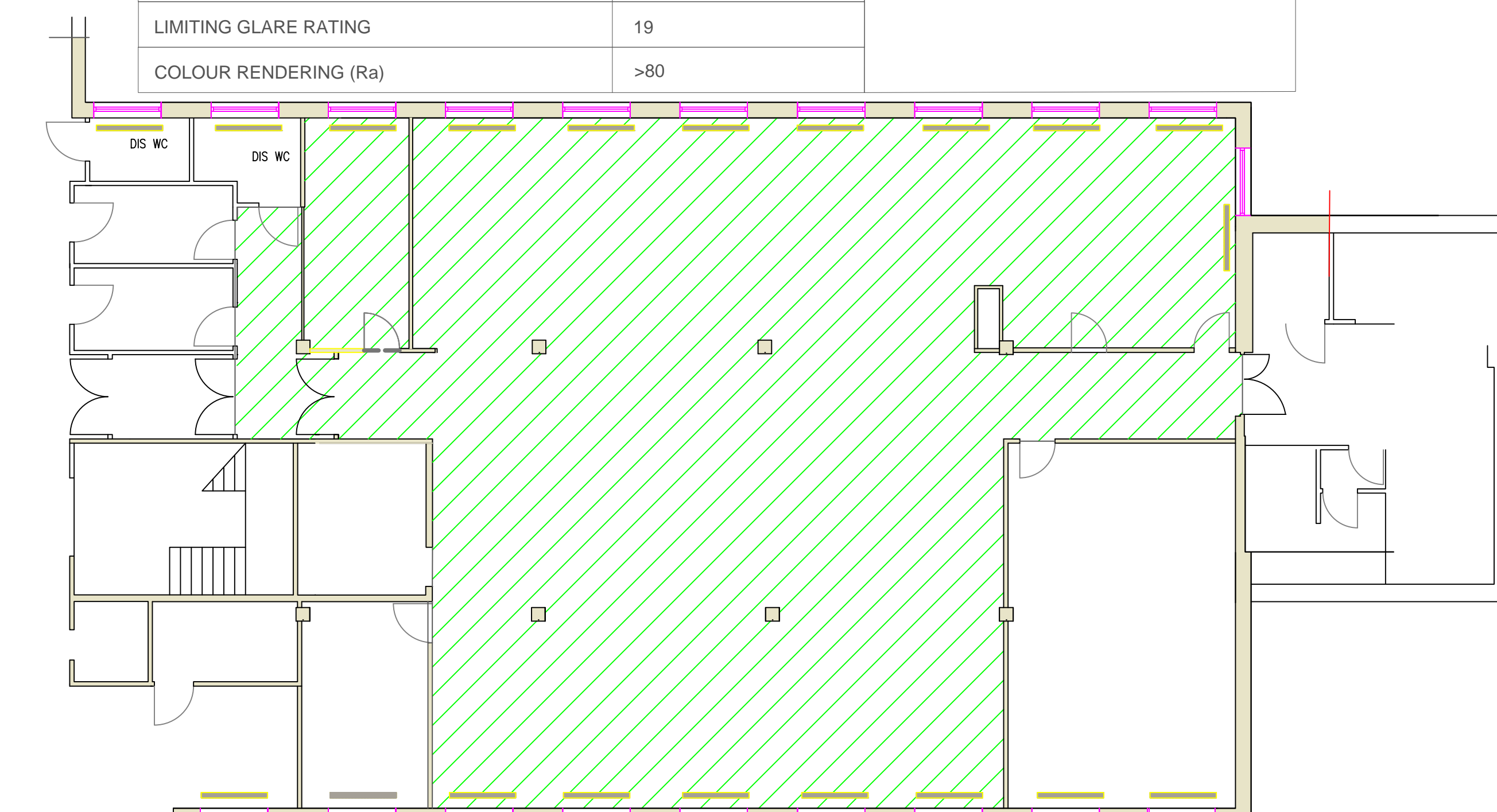


EXISTING UPPER GROUND FLOOR PLAN - REVS AND BENS
PHASE 4

Scale - 1:100

PERFORMANCE REQUIREMENTS FOR LED LIGHTING AND CONTROLS

MAINTAINED ILLUMINAIRE AT WORKING PLANE	300 LUX	Control Type
UNIFORMITY RATIO	NOT LESS THAN 0.8	Daylight linking and absence detection
LIMITING GLARE RATING	19	
COLOUR RENDERING (Ra)	>80	



PROPOSED UPPER GROUND FLOOR PLAN - REVS AND BENS
PHASE 4

Scale - 1:100