



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3388a - BOONAH STATE HIGH SCHOOL - AMENITIES UPGRADE

C3388a-0001(D).xls

ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

REVISION D - 19 DECEMBER 2024

ISSUING INFORMATION				DATE OF ISSUE							
				DAY	10	11	11	19			
				MONTH	10	10	10	12			
				YEAR	24	24	24	24			
REASON FOR ISSUE				A	A	A	C				
A = APPROVAL C = CONSTRUCTION N = COORDINATION P = PRELIMINARY T = TENDER											

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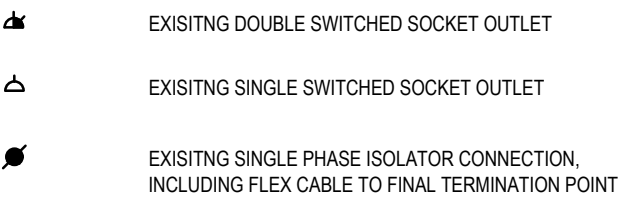
DOCUMENTS		REVISION									
C3388a-E01.dwg	LEGEND & SITE PLAN	A	B								
C3388a-E02.dwg	BLOCK A - AMENITIES JUNIOR LIGHTING LAYOUTS	A	B		C						
C3388a-E03.dwg	BLOCK B - AMENITIES SENIOR LIGHTING LAYOUTS	A	B		C						
C3388a-E04.dwg	BLOCK A - AMENITIES JUNIOR POWER LAYOUTS	A	B								
C3388a-E05.dwg	BLOCK B - AMENITIES SENIOR POWER LAYOUTS	A	B								
C3388a-E06.dwg	SCHEMATICS	A	B	C							
C3388a-0001.xls	CONTRACT DOCUMENT SCHEDULE	A	B	C	D						



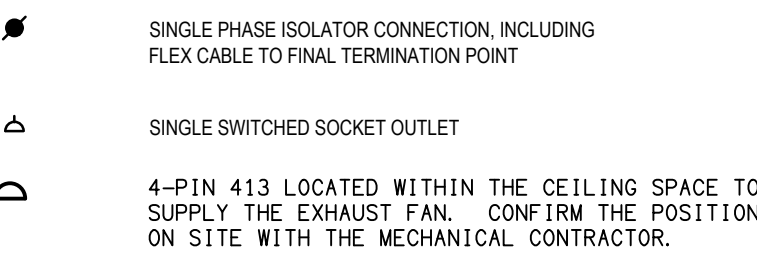
EXISTING POWER



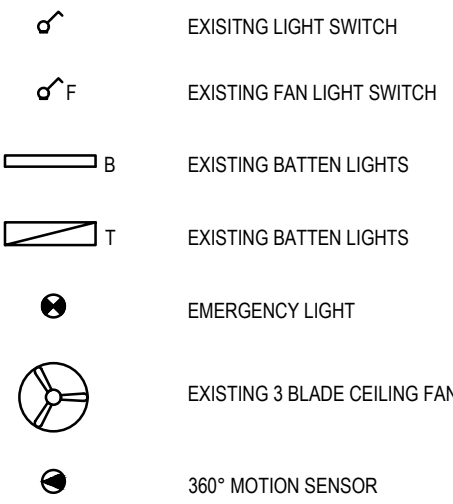
DEMOLITION POWER



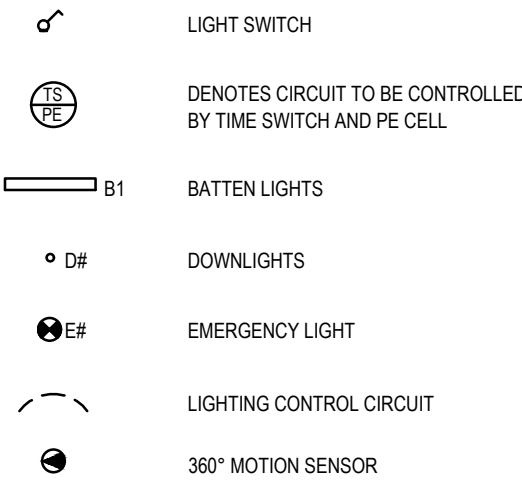
PROPOSED POWER



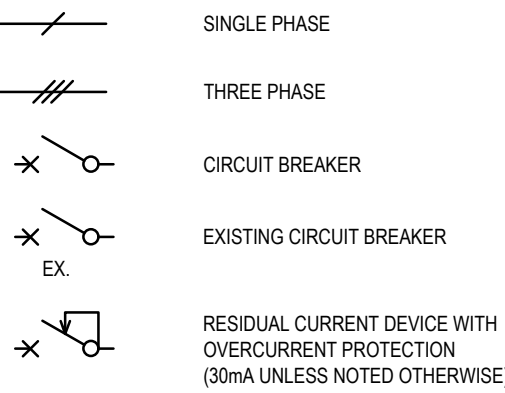
DEMOLITION LIGHTING



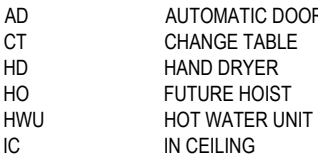
PROPOSED LIGHTING



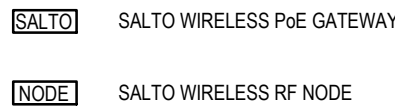
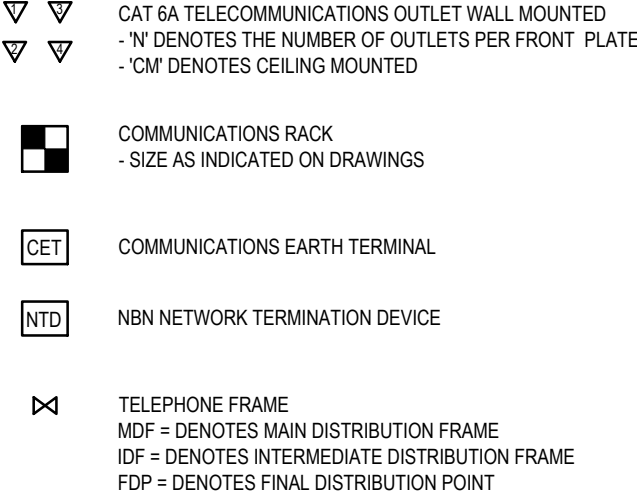
SCHEMATICS SYMBOLS



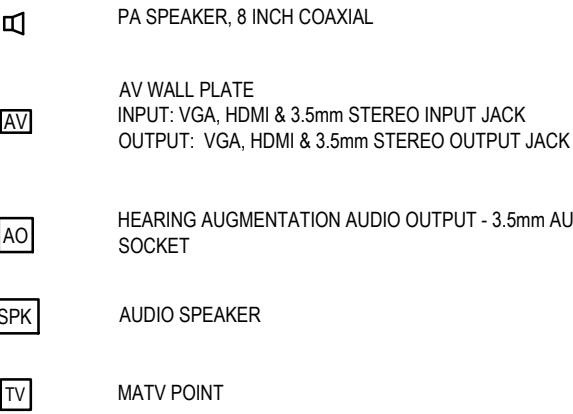
ABBREVIATIONS



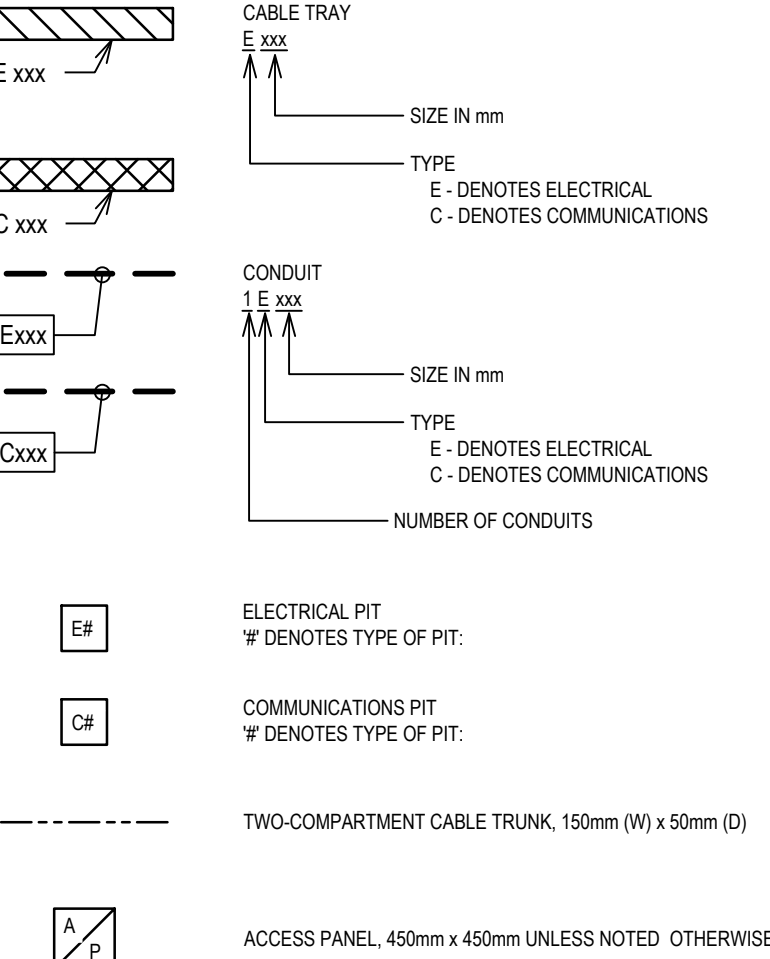
COMMUNICATIONS



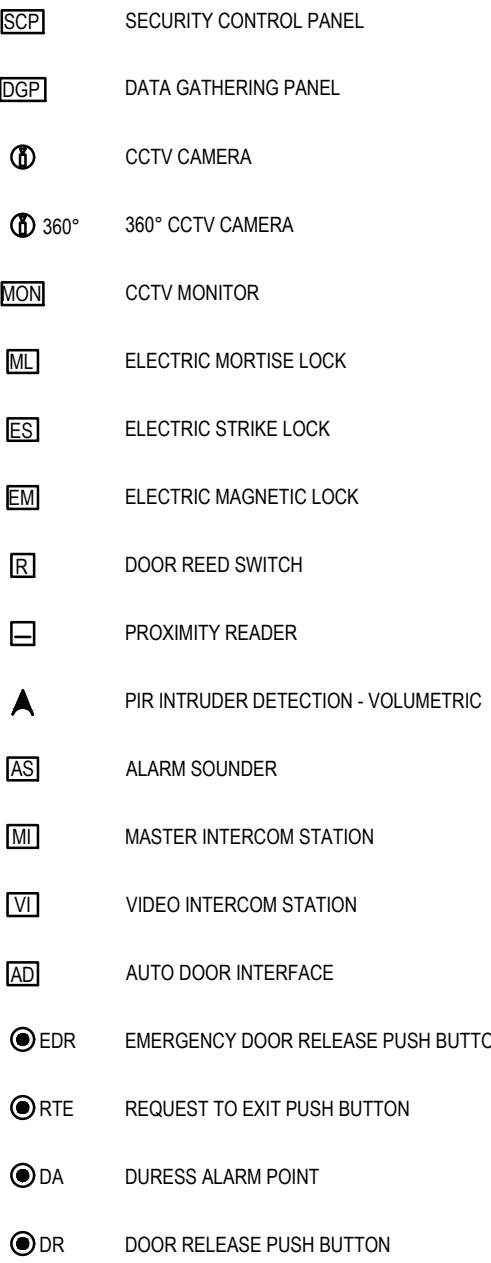
AUDIO VISUAL



CABLE CONTAINMENT



SECURITY



LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	PRODUCT	LIGHT SOURCE		FINISH	IP RATING	MOUNTING DETAILS/ OTHER
				Wattage	Colour Temp			
B	Batten Luminaire							
B1	1200mm Batten IK07	EVOLT	12138	40W	4000K	White	65	Surface Mounted
D	Downlights							
D1	Recessed Downlight	HANECO	HABITAT-FL-MINI	7 W	4000K	White	54	Recessed
D2	Recessed Downlight	HANECO	HABITAT-FL-TRI	10 W	4000K	White	54	Recessed
E	Emergency Luminaires							
E1	Recessed Emergency Light	EKTOR	11190	C90: D40 C0: D40		White	44	Recessed

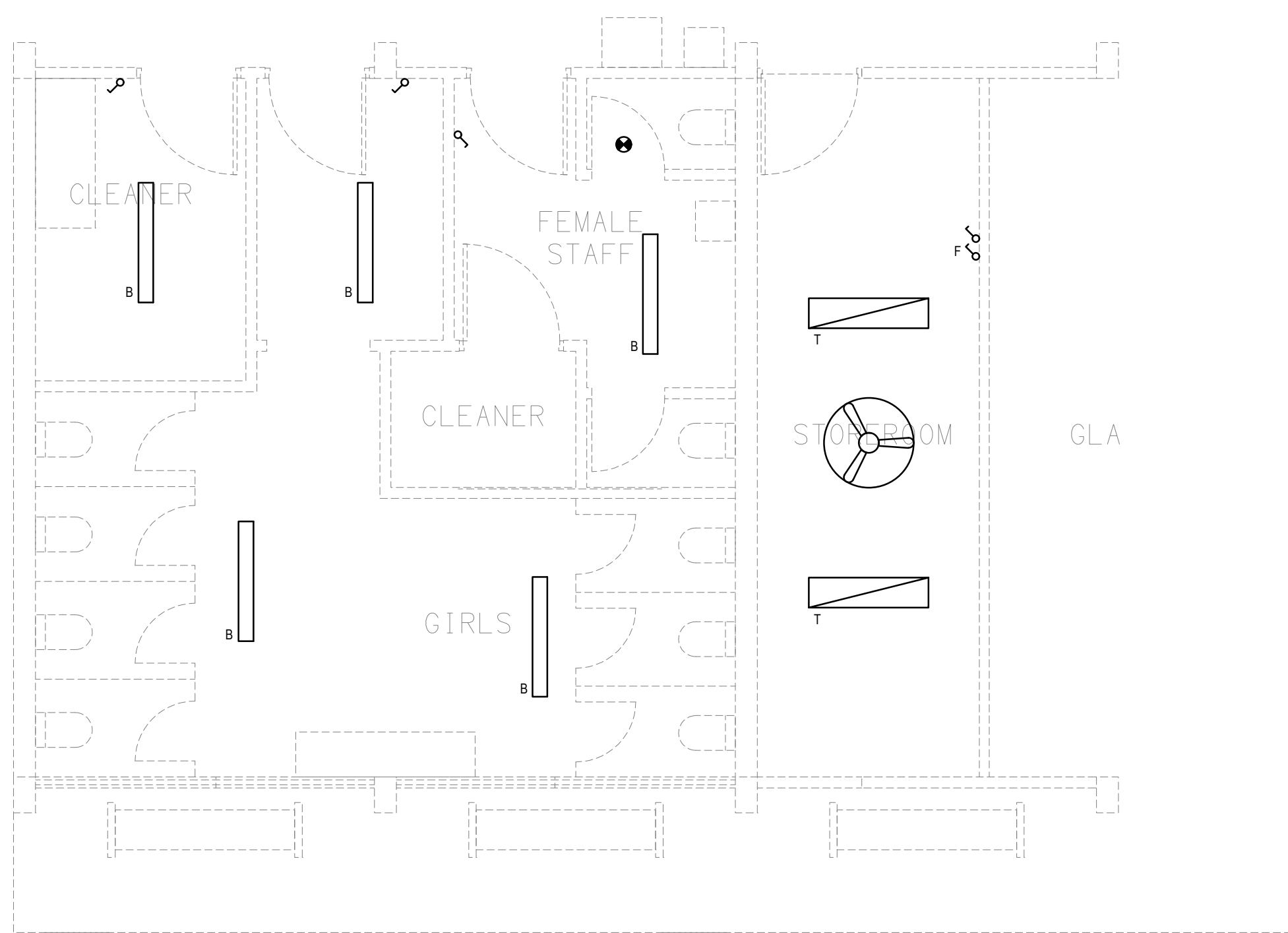
APPROXIMATE LOCATION OF DB-A  
BLOCK UPPER.  
LOCATED ON UPPER FLOOR.  
CABLES TO UTILISE EXISTING  
PATHWAYS TO NEW AMENITIES  
BLOCK ON LOWER FLOOR.

PROPOSED WORKS

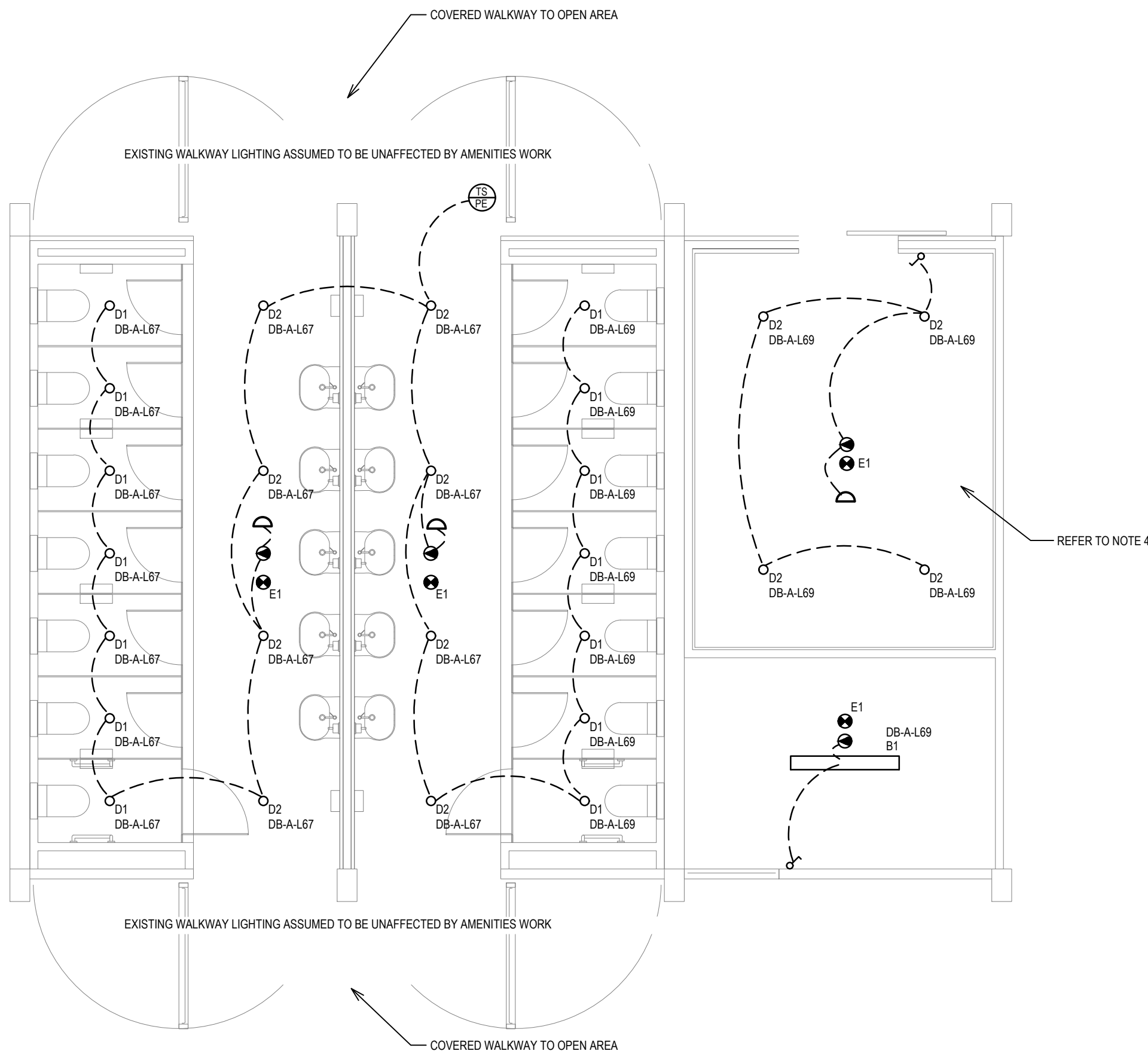
APPROXIMATE LOCATION OF MSB

SITE PLAN  
AMENITIES UPGRADE  
SCALE 1: 1000 (APPROX. )

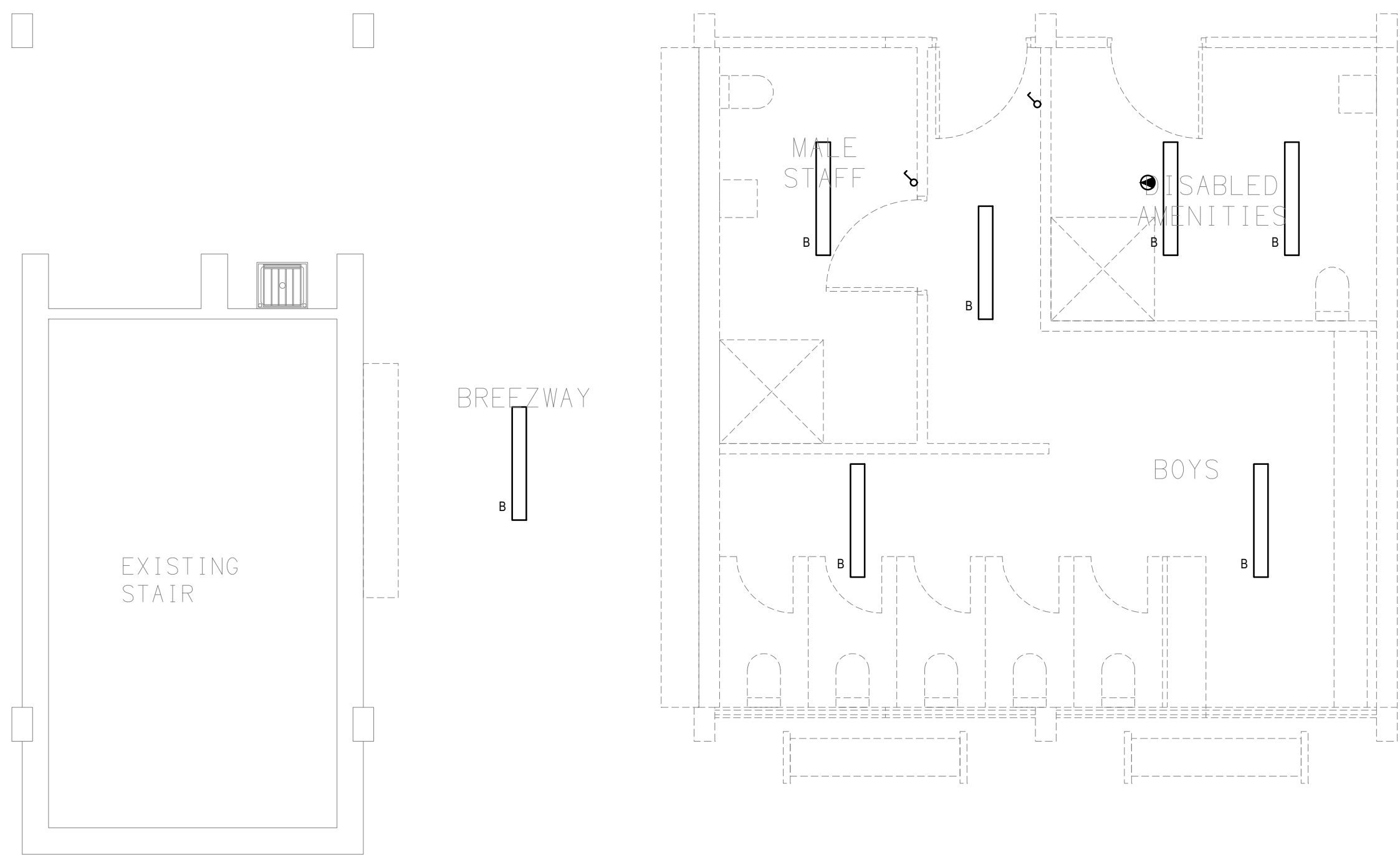




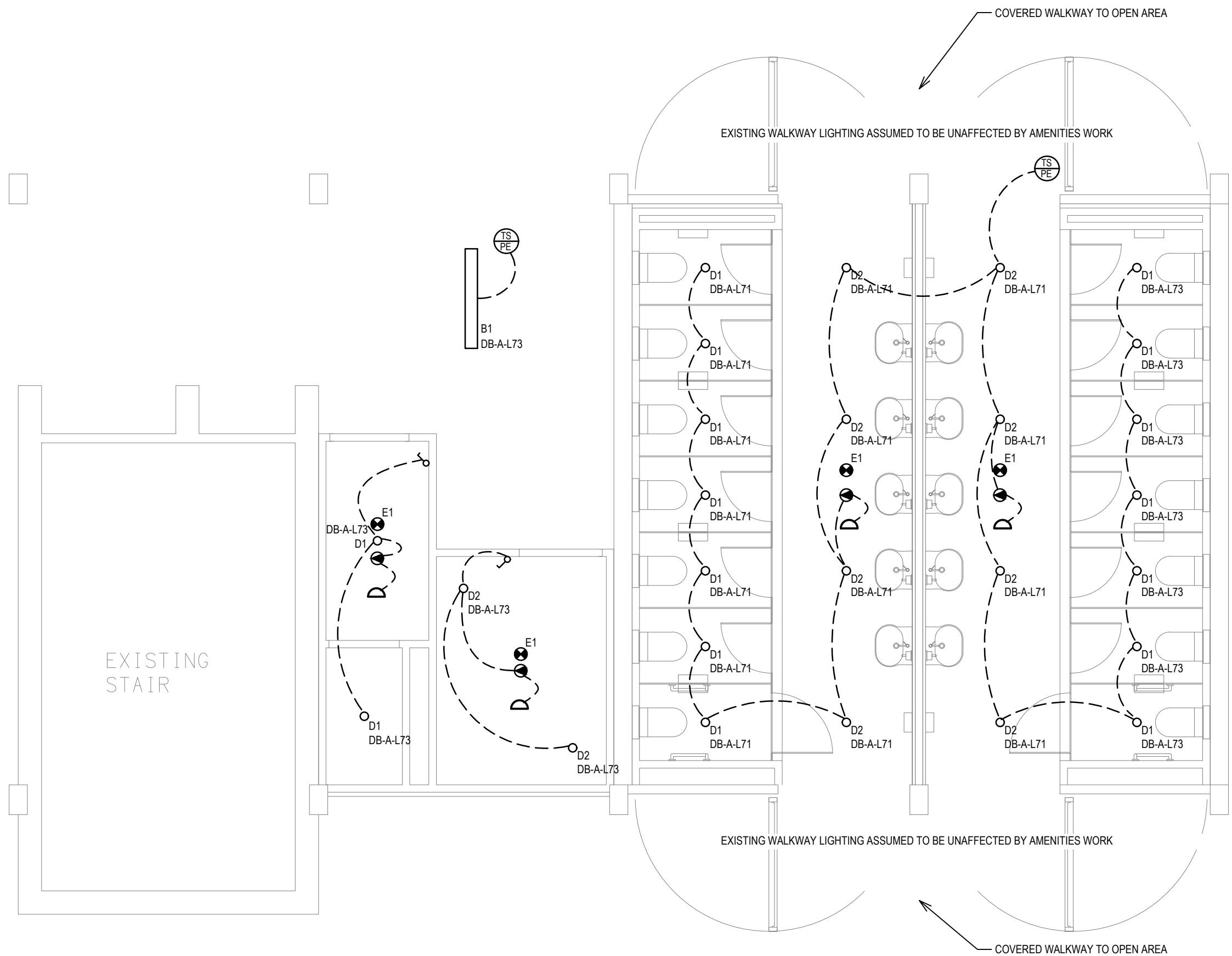
**EXISTING / DEMOLITION**  
LIGHTING LAYOUT  
SCALE 1: 50



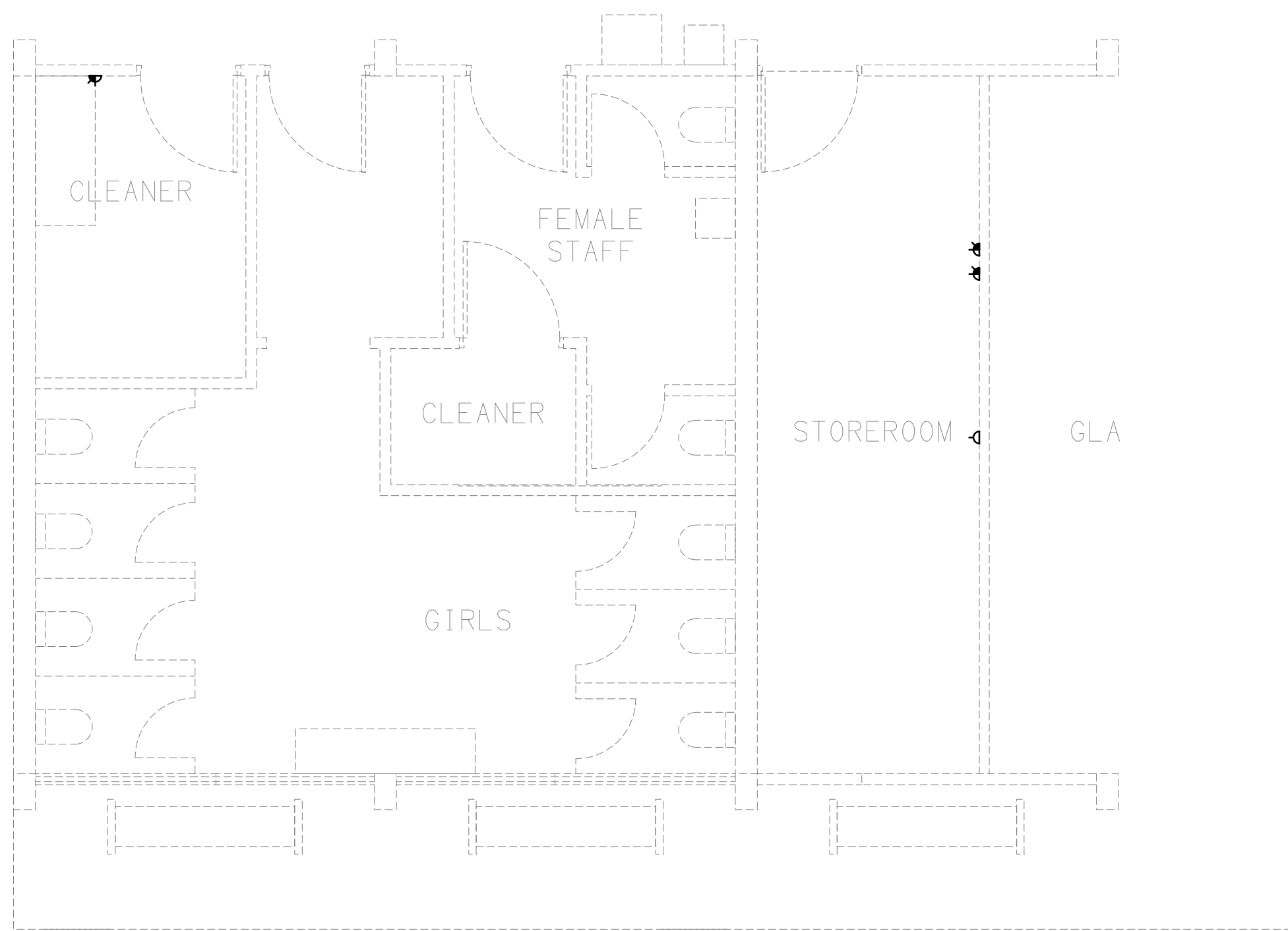
**PROPOSED**  
LIGHTING LAYOUT JUNIOR STUDENTS  
SCALE 1: 50



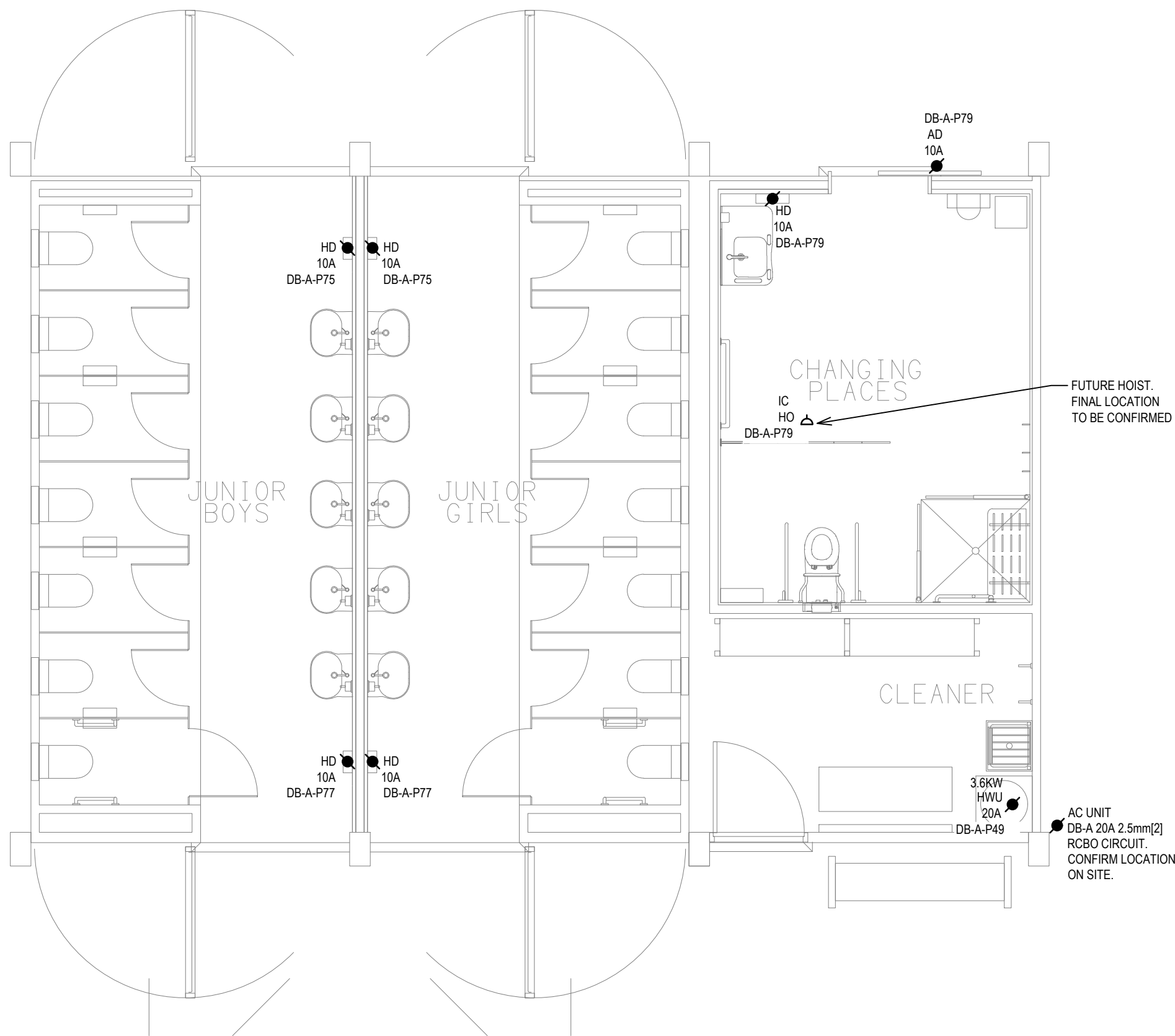
**EXISTING / DEMOLITION**  
LIGHTING LAYOUT  
SCALE 1: 50



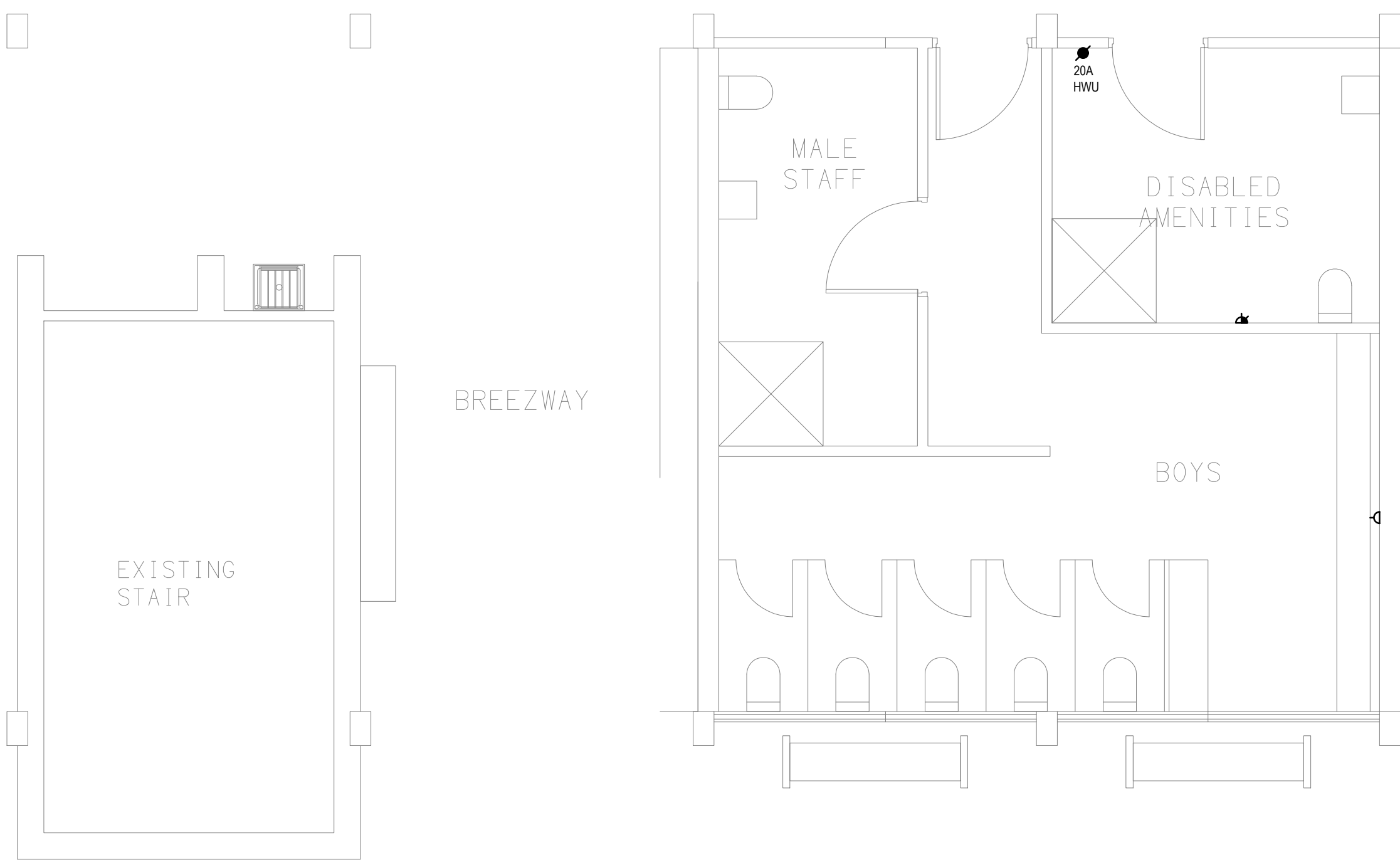
**PROPOSED**  
LIGHTING LAYOUT SENIOR STUDENTS  
SCALE 1: 50



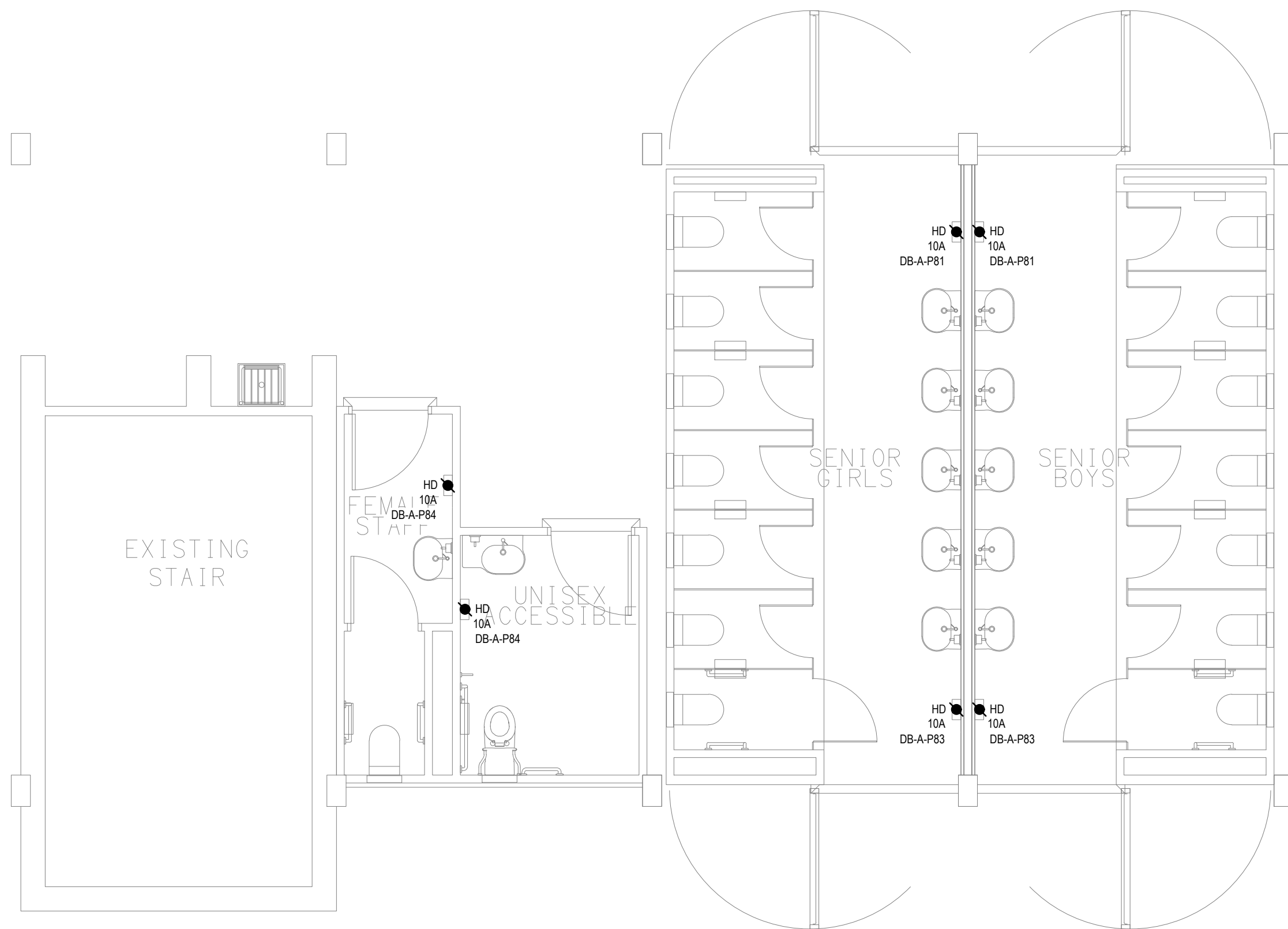
**EXISTING / DEMOLITION**  
POWER & COMMUNICATIONS LAYOUT  
SCALE 1: 50



**PROPOSED**  
POWER & COMMUNICATIONS LAYOUT JUNIOR STUDENTS  
SCALE 1: 50

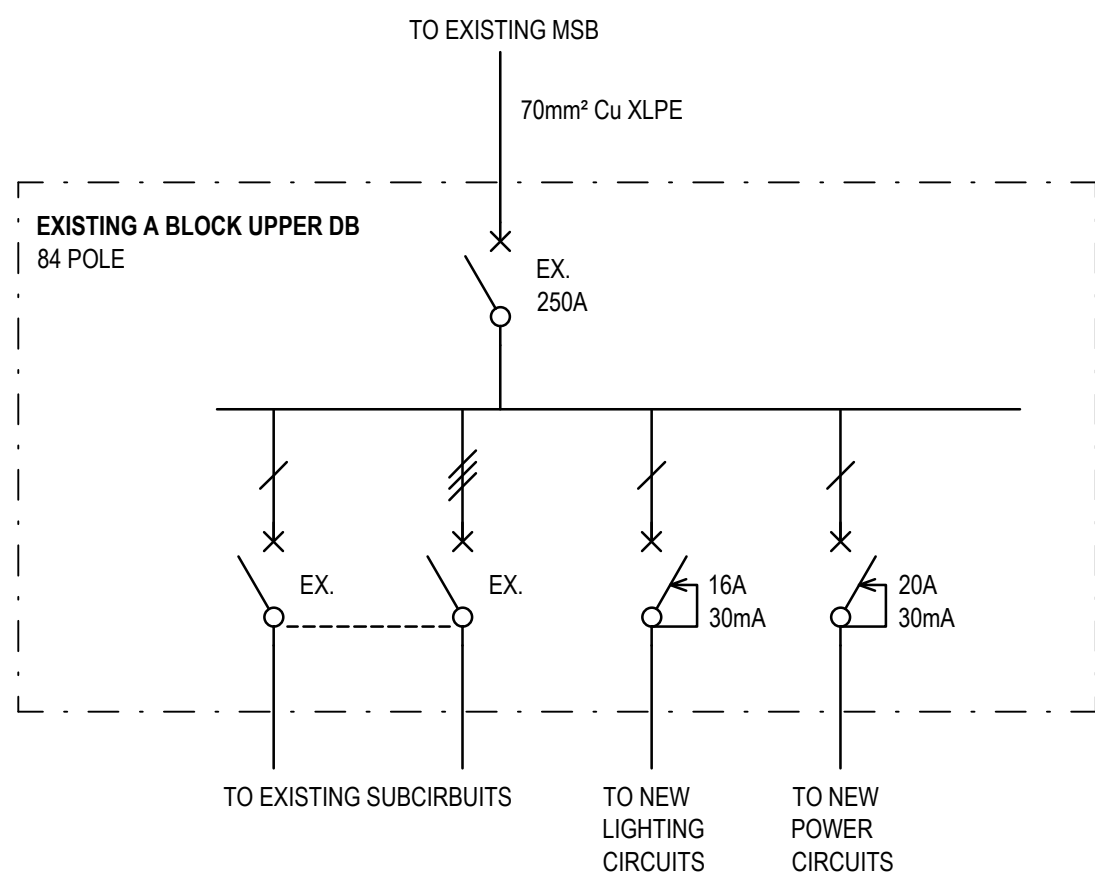


**EXISTING / DEMOLITION**  
POWER & COMMUNICATIONS LAYOUT  
SCALE 1: 50



**PROPOSED**  
POWER & COMMUNICATIONS LAYOUT SENIOR STUDENTS  
SCALE 1: 50



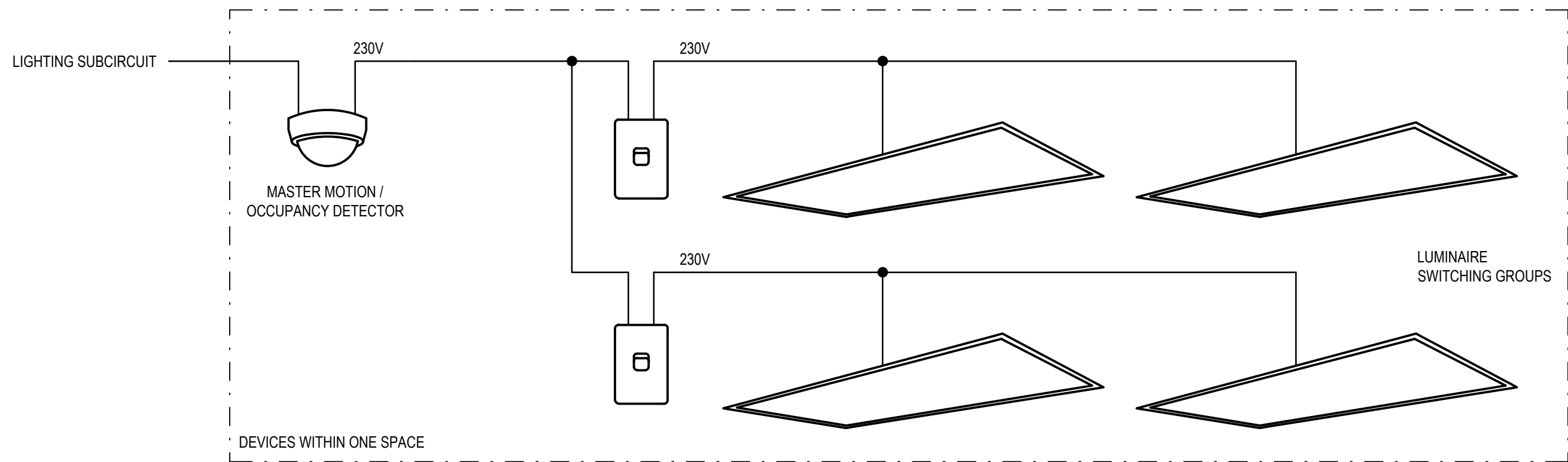


### EXISTING A BLOCK UPPER DB. LOCATED IN STAFF ROOM ON UPPER LEVEL OF A BLOCK

SCALE N.T.S.

#### NOTES

- SELECT CIRCUIT BREAKERS TO SUIT DISCRIMINATION AND FAULT LOOP IMPEDENCE REQUIREMENTS. ADJUST CABLE SIZES ACCORDINGLY.
- REUSE EXISTING SUBCIRCUITS WHERE POSSIBLE. TEST SUBCIRCUIT SUITABILITY PRIOR TO REUSE. WHERE UNSUITABLE, INSTALL NEW CABLES.
- EXISTING DB TO HOUSE EMERGENCY LIGHTING TEST SWITCH. EXISTING DB TO HAVE LABELLING AS PER APPLICABLE AS 2293



### TYPICAL MOTION DETECTOR AND SWITCH SCHEMATIC

SCALE N.T.S.

#### NOTES

- THIS SCHEMATIC IS HIGH LEVEL ONLY. NEUTRAL AND EARTH CONNECTIONS ARE OMITTED FOR CLARITY.
- ALL LOCAL LIGHT SWITCHES USED IN CONJUNCTION WITH MOTION/OCCUPANCY DETECTION SHALL ONLY PROVIDE 'OVERRIDE OFF' FUNCTIONALITY.
- THIS SCHEMATIC IS ONLY RELEVANT TO A SPACE WITH NON-DIMMABLE LUMINAIRES.
- ONE LIGHTING SUBCIRCUIT MAY SERVE MORE THAN ONE SPACE.

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PTY LTD  
ACN 092 710 793  
TRADING AS:  
ELECTRICAL DESIGN GROUP

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USE FIGURED DIMENSIONS  
IN PREFERENCE TO SCALE.  
ALL DIMENSIONS TO BE  
VERIFIED ONSITE.

**ASW**  
**ELECTRICAL**  
WIRED TO DELIVER

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PROJECT:  
BOONAH STATE HIGH SCHOOL  
AMENITIES UPGRADE

32 MACQUARIE STREET, BOONAH, QUEENSLAND

C	APPROVAL	11/10/2024
REV:	DESCRIPTION:	DATE:

DRAWING:  
**ELECTRICAL SERVICES  
SCHEMATICS**

SCALE: NOT TO SCALE AT A1	PROJECT NO: <b>C3388a</b>	DRAWING NO: <b>E06</b>	REVISION: <b>C</b>
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