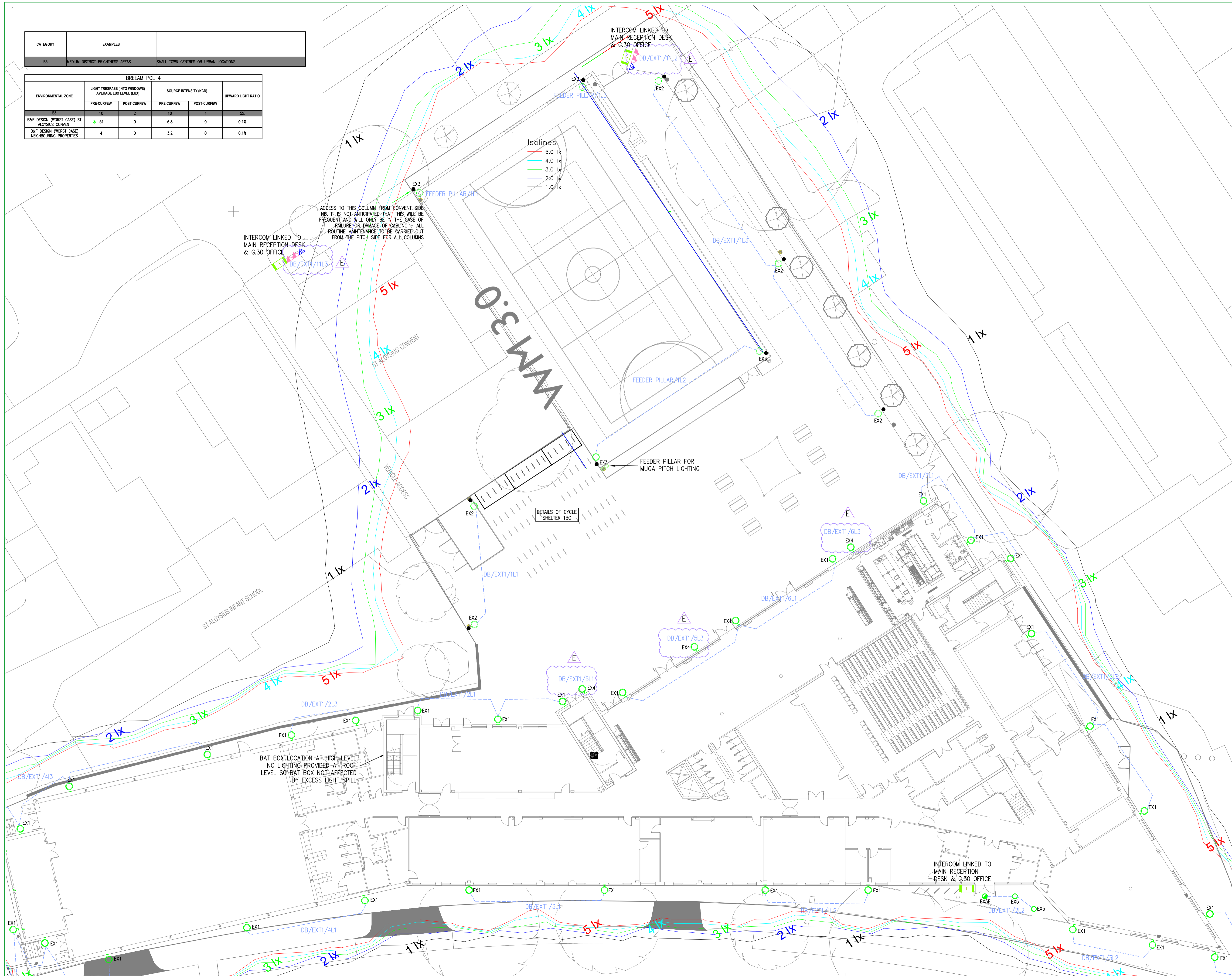


CATEGORY	EXAMPLES	
E3	MEDIUM DISTRICT BRIGHTNESS AREAS	SMALL TOWN CENTRES OR URBAN LOCATIONS

ENVIRONMENTAL ZONE	BREEAM POL 4				UPWARD LIGHT RATIO
	LIGHT TRESPASS (INTO WINDOWS) AVERAGE LUX LEVEL (LUX)		SOURCE INTENSITY (KCD)		
	PRE-CURFEW	POST-CURFEW	PRE-CURFEW	POST-CURFEW	
E3	10	2	10	1	5%
B&F DESIGN (WORST CASE) ST ALOYSIUS CONVENT	51	0	6.8	0	0.1%
B&F DESIGN (WORST CASE) NEIGHBOURING PROPERTIES	4	0	3.2	0	0.1%



DO NOT SCALE OFF THIS DRAWING

BUILDING OUTLINE DRAWINGS

ARCHITECT / CONSULTANT	DRAWING No	REV

NOTES

1. LOCATION OF LIGHTING COLUMNS TO BE CO-ORDINATED WITH EXTERNAL FINISHES. FINAL SETTING OUT DETAILS TO BE ADVISED BY ARCHITECT / LANDSCAPE ARCHITECT.
2. FOR DETAILS OF CABLEING / DUCTING ROUTES REFER TO DRAWING NO. 5112-ME-301
3. FOR DETAILS OF LUMINAIRES REFER TO SCHEDULE 5112-SCH-E-002
4. LUMINAIRES TO BE CONTROLLED VIA PHOTOCELL & TIME CLOCK.
5. EXTERNAL LIGHTING TO BE DESIGNED IN ACCORDANCE WITH BS 5489-1 TO PROVIDE THE FOLLOWING ILLUMINATION LEVELS:

CYCLE STORE	-	5 LUX
WALKWAYS	-	5 LUX
HARD PLAY	-	5 LUX
MUGA PITCH	-	200 LUX

LEGEND

- ○ INDICATIVE LOCATION OF EXTERNAL LIGHTING COLUMNS (TYPES BELOW)
- INDICATIVE LOCATION WALL MOUNTED LUMINAIRE (TYPES BELOW)
- EX1 EXTERNAL LED BULKHEAD LUMINAIRE
- EX2 LED LAMPPOST ON 5M COLUMN
- EX3 SPORTS FLOODLIGHT ON 8.6M COLUMN
- EX4 LED FLOODLIGHT BUILDING MOUNTED
- EX5 LED DOWNLIGHT

FOR POSITIONS OF EMERGENCY BULK HEAD LUMINAIRES OVER ESCAPE DOORS - REFER TO GROUND FLOOR LIGHTING LAYOUTS

LIGHT TRESPASS

- - LIGHT TRESPASS INTO ST ALOYSIUS CONVENT EXCESSIVE DUE TO CLOSE PROXIMITY OF BUILDING TO MUGA PITCH

Rev	Date	Description	Drn	Chkd

BREEAM - POL 04

Client:
KIER LONDON

Project:
MARIA FIDELIS SCHOOL

Description:
EXTERNAL LIGHTING LAYOUT

Scale: 1:200 A1

Date: JUNE 2016

Drawn By: CP Checked: KF

DRAWING No. 5112/EL/302 Rev.

Briggs & Forrester
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C:\p\p\Projects\5112_Maria Fidelis School\09 Drawings\B&F Drawings\Design\Drawings\Electrical\07 External Works\5112-EL-301- Rev E External Lighting Layout.dwg