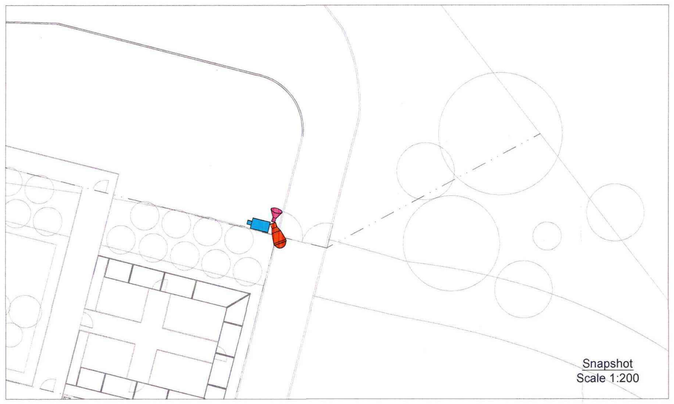
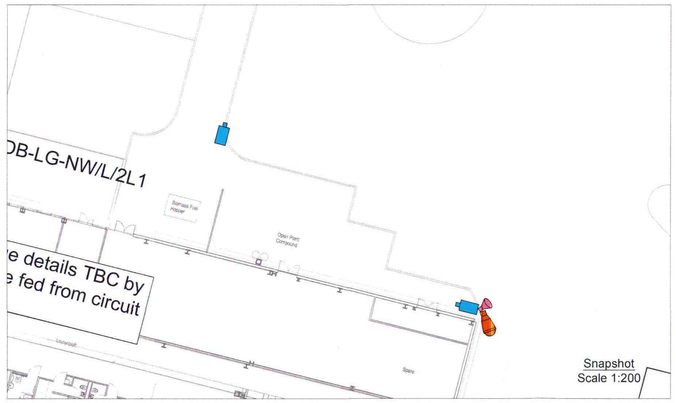
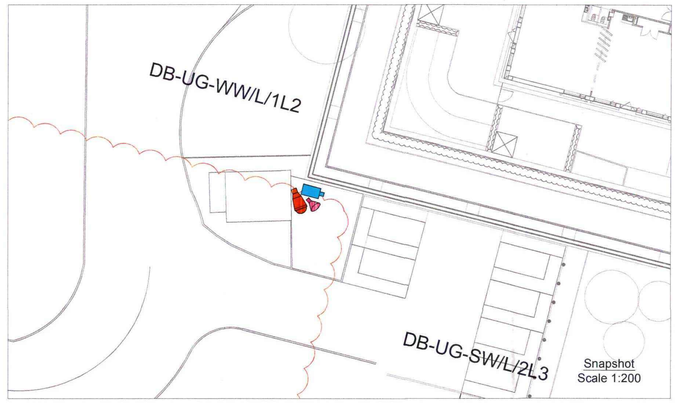
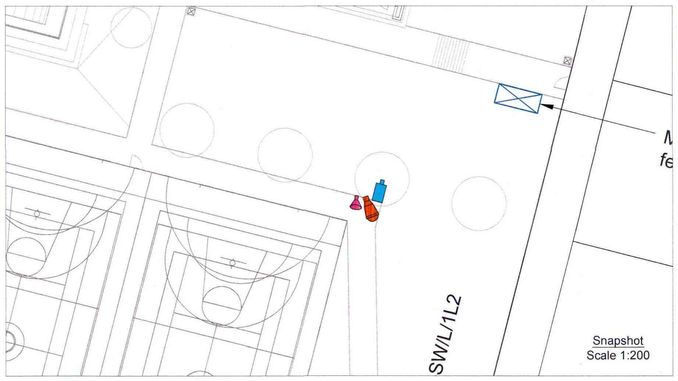




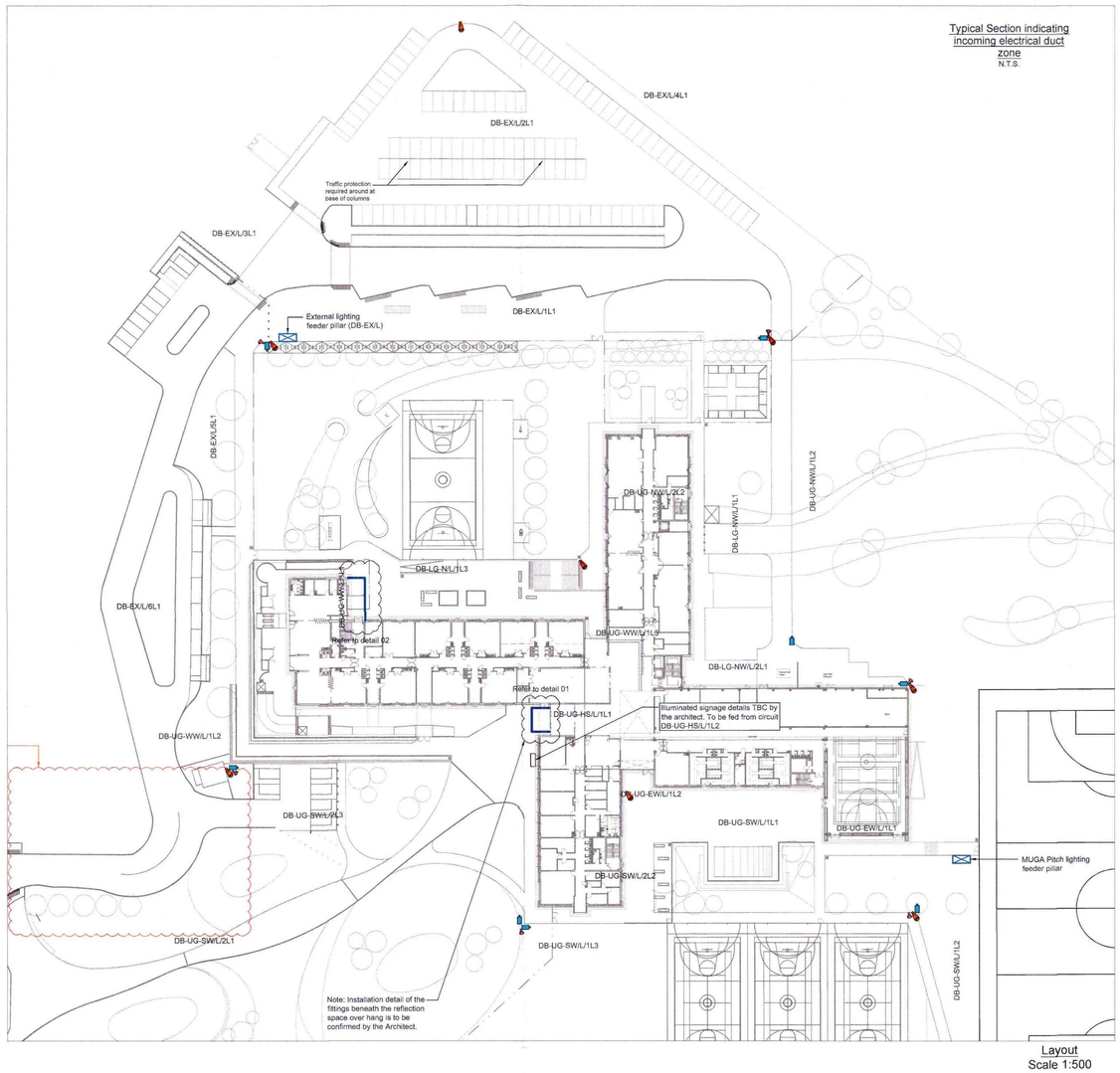




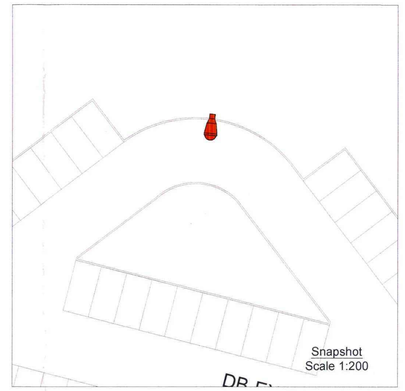


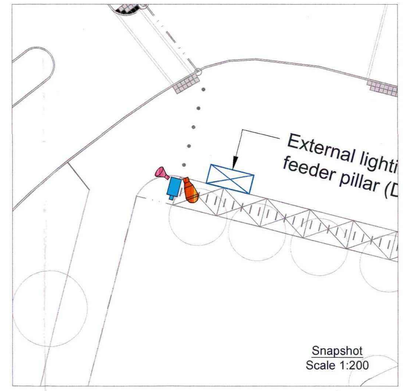


Typical Section indicating incoming electrical duct zone
N.T.S.



Layout
Scale 1:500





Notes

1. The drawing is based upon the Landscape Architects layout Received 12 May 2011: LP09900 Landscape GA Model
2. Lighting to the MUGA pitches shall be designed and installed by others as a separate package of works.
3. Distribution boards feeding to external lighting columns shall have transient overvoltage protection.
4. Lighting control shall be via photocell & time clock through the building management system.
5. Lighting columns around the building perimeter have been circuited such that the lights may be switched on throughout the hours of darkness for security purposes.
6. Refer to drawing: BP4L_MIC_ARU_DR_96_EX_LL_5014 for ducting layout details.
7. Wall mounted Centurion luminaires to be mounted at 2630mm AFFL. Adjacent to exit doors.
8. All cameras and additional kit to face away from site boundary as to not overlook adjacent properties

Note: Drawing also known as BP4L_MIC_CHT_DR_63_EX_LL_6078

Issue	Date	By	Chkd	Appd
C2	20/05/11	S.H.	M.D.K.	A.McK.
	Wall mounted fitting style changed. Columns to West of building equally spaced. along line			
C1	05/05/11	S.H.	M.D.K.	A.McK.
	Contract Issue.			

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Client
LAING O'ROURKE

Job Title
Barnsley BSF
Holy Trinity

Drawing Title
External Lighting Layout
And CCTV layout

Scale at A0 1:500

Discipline Electrical

Drawing Status
Contract

Job No	Drawing No	Issue
212582	BP4L_MIC_ARU_DR_63_EX_LL_6078	**C2**

Do not scale

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Luminaire Schedule

Symbol	Arrangement	Description
A	Single Column	Kingfisher - Kaos 1, 70W CDM-TT, IP66 Road lantern. Flat Glass cover, P3 Lamp Position. Column mounted at 6m.
A1–A2	Back to Back Column	Kingfisher - Kaos 1, 70W CDM-TT, IP66 Road lantern. Flat Glass cover, P3 Lamp Position. Double headed back to back fittings, Column mounted at 6m.
B	Single Post Top	Kingfisher - Evoluta, 100W CDM-TT, IP66 amenity luminaire. Post top mounted upon a 6m column. Powder coated silver die cast aluminum construction
B2	Single Post Top	Kingfisher - Evoluta, 150W CDM-TT, IP66 amenity luminaire. Post top mounted upon a 8m column. Powder coated silver die cast aluminum construction
C	Circular Recessed	Whitecroft - Circo, 26W TC-T, IP65 Circular Recessed luminaire. "E" denotes that the fitting shall be supplied Complete with 3Hr Emergency Ballast
D	Wall Mounted	Whitecroft - Centurion 350, 38w T5, IP65 Wall Mounted luminaire, Black, "Smooth" type with die cast aluminum body. "E" denotes that the fitting shall be suppled Complete with 3Hr Emergency Ballast.



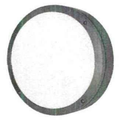
Kaos 1 - Road Lantern



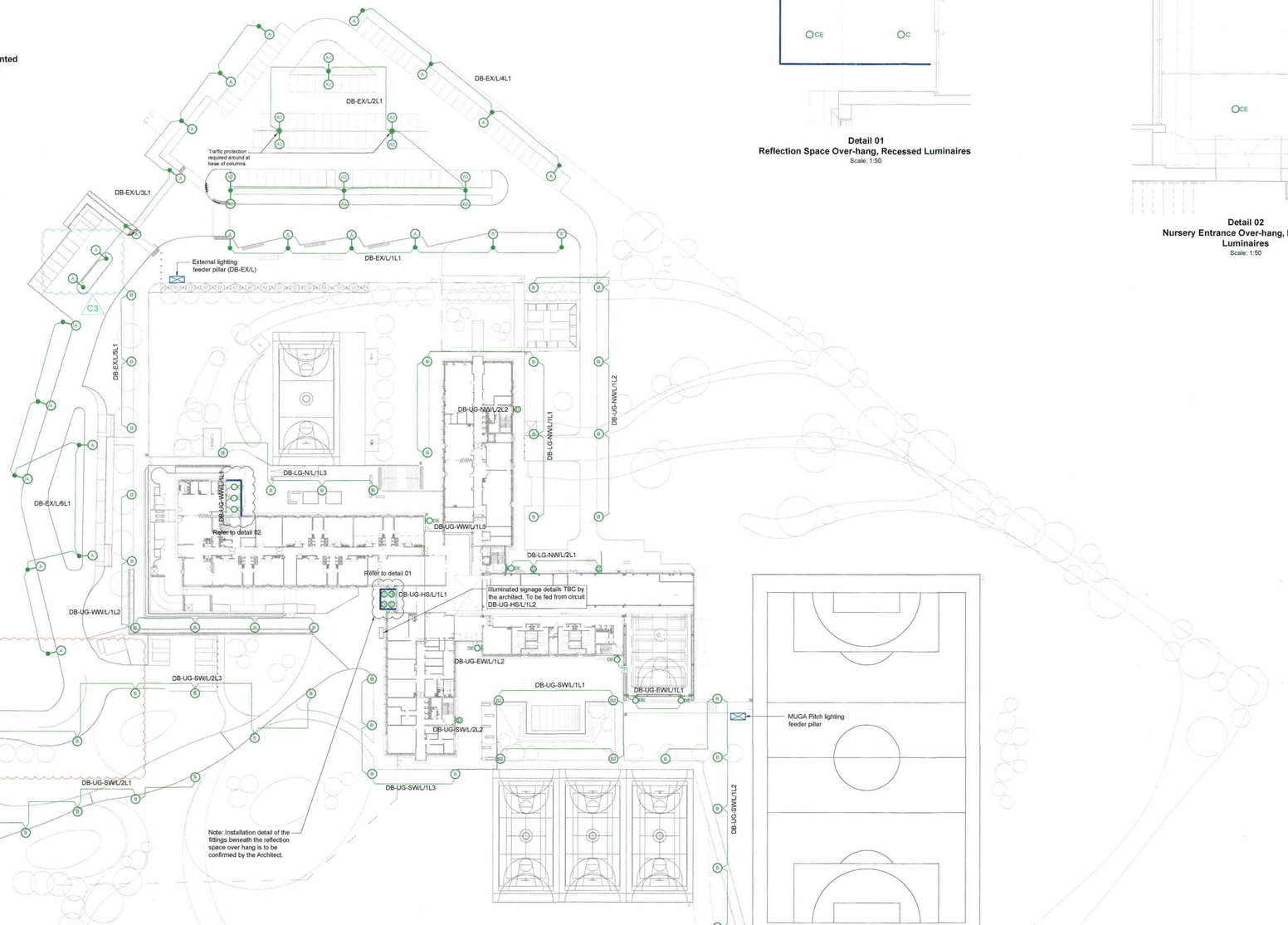
Evoluta - Post Top Mounted Amenity Luminaire

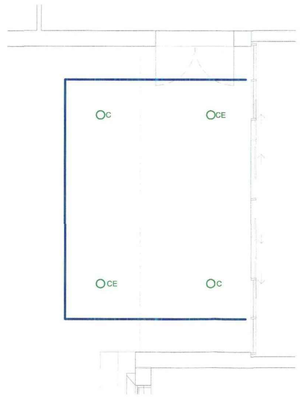


Circo IP65 - Circular Recessed Mounted Luminaire

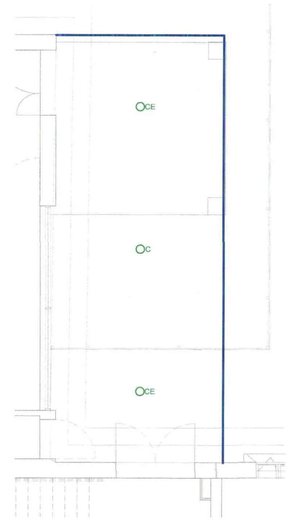


Centurion 350 - Wall Mounted Luminaire





Detail 01
Reflection Space Over-hang, Recessed Luminaires
Scale: 1:50



Detail 02
Nursery Entrance Over-hang, Recessed Luminaires
Scale: 1:50

Notes

1. The drawing is based upon the Landscape Architects layout Received 12 May 2011: LP00900 Landscape GA Model
2. Lighting to the MUGA pitches shall be designed and installed by others as a separate package of works.
3. Distribution boards feeding to external lighting columns shall have transient overvoltage protection.
4. Lighting control shall be via photocell & time clock through the building management system. perimeter road lighting columns to switch off at 22.30hrs
5. Lighting columns around the building perimeter have been circuited such that the lights may be switched on throughout the hours of darkness for security purposes.
6. Refer to drawing: BP4L__MIC__ARU__DR__96__EX__LL__5014 for ducting layout details.
7. Wall mounted Centurion luminaires to be mounted at 2630mm AFFL. Adjacent to exit doors.

Issue	Date	By	Chkd	Appd
C3	27/07/12	S.H.	M.D.K.	A.McK.
	Columns adjacent site boundary relocated			
C2	20/05/11	S.H.	M.D.K.	A.McK.
	Wall mounted fitting style changed. Columns to West of building equally spaced. along line			
C1	05/05/11	S.H.	M.D.K.	A.McK.
	Contract Issue.			

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www.arup.com

Client: LAING O'ROURKE; Barnsley Partnership For Learning

Job Title: Barnsley BSF
Holy Trinity

Drawing Title: External Lighting Layout

Scale at A0: 1:500

Discipline: Electrical

Drawing Status: **Contract**

Job No	Drawing No	Issue
212582	BP4L_MIC_ARU_ DR_83_EX_LL_6078	C3

Do not scale

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A:\212000\212582\3000\Revit\M E\Ext\5-NE Drawings\BP4L_MIC-ARU-DR-83-EX_LL-6078.dwg 27 Jul 2012 13:54:58