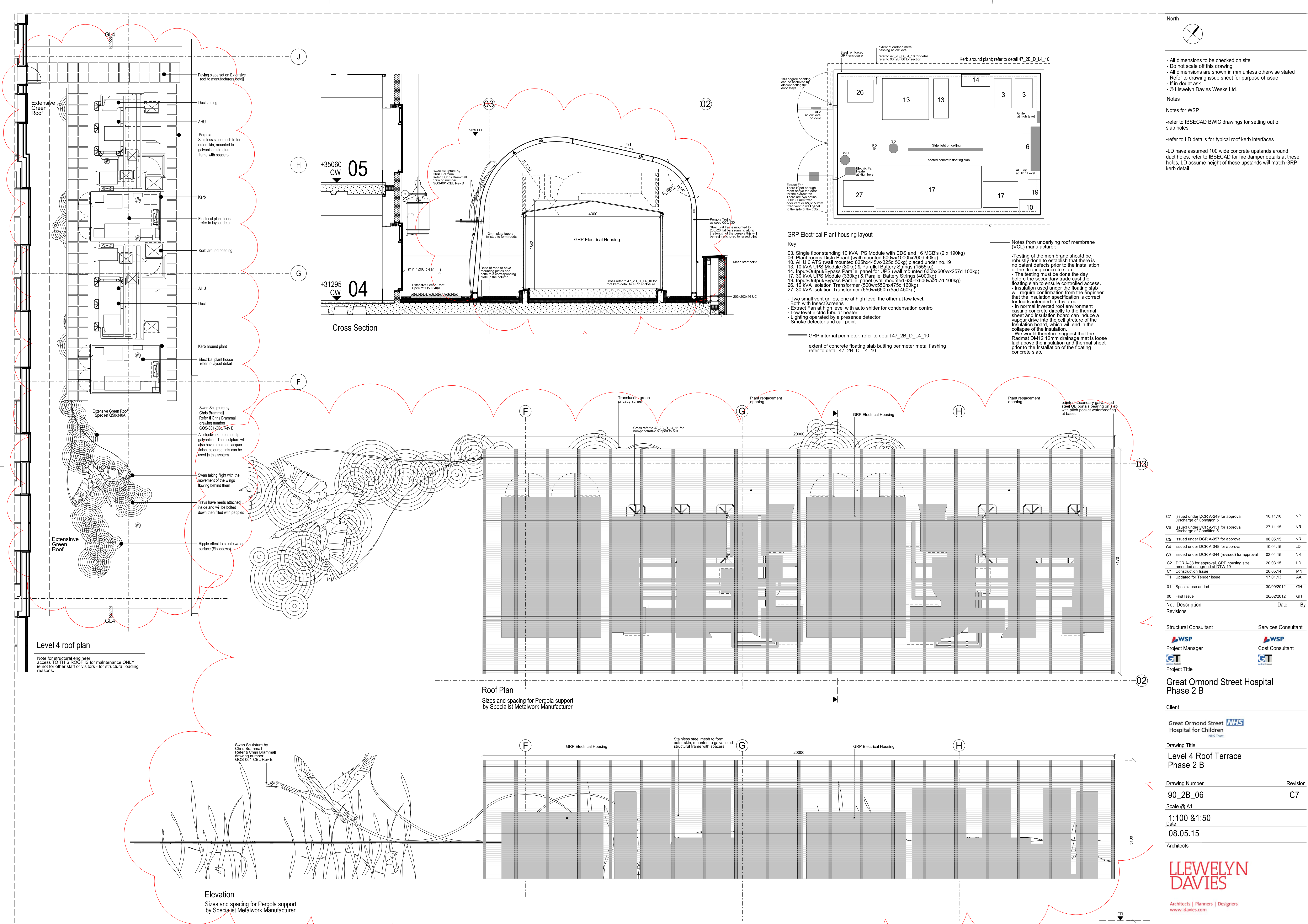




North

- All dimensions to be checked on site
- Do not scale off this drawing
- All dimensions are shown in mm unless otherwise stated
- Refer to drawing issue sheet for purpose of issue
- If in doubt ask
- © Llewelyn Davies Weeks Ltd.

Notes

Notes for WSP

-refer to IBSECAD BWIC drawings for setting out of slab holes

-refer to LD details for typical roof kerb interfaces

-LD have assumed 100 wide concrete upstands around duct holes. refer to IBSECAD for fire damper details at these holes. LD assume height of these upstands will match GRP kerb detail

GRP Electrical Plant housing layout

Key

- 03. Single floor standing 10 kVA IPS Module with EDS and 16 MCB's (2 x 190kg)
- 06. Plant rooms Distn Board (wall mounted 600wx1000hx200d 40kg)
- 10. AHU & ATS (wall mounted 625hx445wx325d 50kg) placed under no.19
- 13. 10 kVA UPS Module (80kg) & Parallel Battery Strings (155kg)
- 14. Input/Output/Bypass Parallel panel for UPS (wall mounted 630hx600wx257d 100kg)
- 17. 30 kVA UPS Module (330kg) & Parallel Battery Strings (400kg)
- 19. Input/Output/Bypass Parallel panel (wall mounted 630hx600wx257d 100kg)
- 26. 10 kVA Isolation Transformer (500wx550hx475d 160kg)
- 27. 30 kVA Isolation Transformer (650wx650hx55d 450kg)

Notes from underlying roof membrane (VCL) manufacturer:

- Testing of the membrane should be robustly done to establish that there is no patent defects prior to the installation of the floating concrete slab.
- The testing must be done the day before the secondary trade cast the floating slab to ensure controlled access.
- Insulation used under the floating slab will require confirmation from the engineer that the insulation specification is correct for loads intended in this area.
- In normal inverted roof environment casting concrete directly to the thermal sheet and insulation board can induce a vapour drive into the cell structure of the insulation board, which will end in the collapse of the insulation.
- We would therefore suggest that the Radmat DW12 12mm drainage mat is loose laid above the insulation and thermal sheet prior to the installation of the floating concrete slab.

GRP internal perimeter; refer to detail 47_2B_D_L4_10

extent of concrete floating slab butting perimeter metal flashing refer to detail 47_2B_D_L4_10

C7	Issued under DCR A-249 for approval Discharge of Condition 5	16.11.16	NP
C6	Issued under DCR A-131 for approval Discharge of Condition 5	27.11.15	NR
C5	Issued under DCR A-057 for approval	08.05.15	NR
C4	Issued under DCR A-048 for approval	10.04.15	LD
C3	Issued under DCR A-044 (revised) for approval	02.04.15	NR
C2	DCR A-38 for approval. GRP housing size amended as agreed at DTW 19	20.03.15	LD
C1	Construction Issue	26.05.14	MN
T1	Updated for Tender Issue	17.01.13	AA
01	Spec clause added	30/09/2012	GH
00	First Issue	26/02/2012	GH
No.	Description	Date	By
Revisions			

Structural Consultant	Services Consultant
WSP	WSP
Project Manager	Cost Consultant
CT	CT
Project Title	

Great Ormond Street Hospital
Phase 2 B

Client

Great Ormond Street Hospital for Children
NHS Trust

Drawing Title
Level 4 Roof Terrace
Phase 2 B

Drawing Number
90_2B_06

Scale @ A1
1:100 & 1:50

Date
08.05.15

Architects

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