2] It has been stipulated, by the Client, that there is not requirement for a single point of isolation between the [A] Ryefield DB Level 13 [B] Ryefield DB Level 13 [C] Ryefield DB Level 13 Supply Authority ACB and the 4 way Ryefield Distribution VTO-13 VSM-18 VSM-22 VSM-25 Board. This is not an error or oversight on our part. VTO-17 VTO-21 3] Cable references used, are for the benefit of identification within the design software. The references [A] Ryefield DB Level 11 (B) Ryefield DB Level 11 (C) Ryefield DB Level 11 used on site may vary from those shown on this schematic. VSM-17 VSM-21 VSM-24 VTO-16 4] Locations used on this drawing are indicative only, VTO-12 VTO-20 Existing Busbar Riser and are not intended to be representative of actual site [A] Ryefield DB Level 9 [B] Ryefield DB Level 9 Existing Busbar Rise [C] Ryefield DB Level 9 Existing Busbar Riser locations. VSM-16 VSM-20 VSM-23 1 🖉 VTO-15 VTO-11 VTO-19 [A] Ryefield DB Level 7 [B] Ryefield DB Level 7 [C] Ryefield DB Level 7 VSM-26 VSM-15 VSM-19 1 VTO-14 VTO-10 VT0-18  $\rightarrow$ ⊢ [A] Ryefield DB Level 5 [B] Ryefield DB Level 5 [C] Ryefield DB Level 5 VEF-3 VEF-2 VEF-1 VSM-7 VSM-14 VSM-10 1 VTO-3 VTO-9 VTO-6 BB-7 [A] Ryefield DB Level 3 [B] Ryefield DB Level 3 [C] Ryefield DB Level 3 VSM-6 VSM-8 VSM-13 1 VTO-2 VTO-5 VTO-8 踞 [A] Ryefield DB Level 1 (B) Ryefield DB Level 1 [C] Ryefield DB Level 1 VSM-11 VSM-9 VSM-12 1 VTO-1 BB-7 VTO-4 VTO-7 Existing Busbar Rise Existing Busbar Rise Existing Busbar Riser Cbl\_SM-15 Cbl\_SM-9 CЫ\_SM-7 [G] Switchfuse [H] Switchfuse [J] Switchfuse -250 A TPN 250 A TPN 250 A TPN Fused at 250 amps Fused at 250 amps Fused at 250 amps Skenfirth House Sarnsfield House Peterchurch House Cbl SM-4 Cbl\_SM-3 Cb\_SM-5 Surge Protection Surge Protection Device [A] Device [C] Surge Protection L L Ľ. Device [B] Landlords DB [B] Landlords DB [C] [MI 200amp Switchfuse Cbl\_FC-2 CH EC-3 Fused at 200 amps [C] 200amp Switchfuse Switchfuse ( Fused at 200 amps (F1 200amp fc. Switchfuse I Chi SM-21 used at 80 amps Sb-5 Switchfuse Fused at 80 amps В Switchfuses B,E and L removed ChI SM-F Fused at 80 amps Fused at 200 amps 4wav TPN Rvefield Cbl SM-20 СЫ SM-10 Cbl SM-16 CONTRACT ISSUE Cbl\_SM-14 Cbl\_SM-13 А CbI SM-8 Busba Busbar Chamber [B] 66 Busba Chamber [A] Chamber [C] ENVIRONTECH M&E SERVICES LTD WALTHAM ABBEY (A) 400amp TPN Switchfuse (D) 400amp TPN Switchfuse (K) 400amp TPN Switchfuse Fused at 250amps Fused at 250amps Fused at 250amps Cbl SM-12 Cbl SM-19 Cbl SM-1 TEL 01992 769274 CONTRACT 200 A TPN Isolator 200 ATPN Isolator 200 A TPN Isolato ы SM-2 Ы SM-11 TN [D] 400ampTPN Header TN [F] 400amp TPN Header TN [A] 200amp TPN Header TN [B] 400amp TPN Header ICI 200amn TPN Header TN [E] 1600amp TPN LV ACB Adjusted to 0.775 TN [G] 200amp TPN Header TN LONDON BOROUGH OF SOUTHWARK Fused at 100 amps Fused at 315 amps Fused at 100 amps Fused at 315amps Fused at 315 amps Fused at 100 amps DESCRIPTION Skenfirth House Sarnsfield House Sarnsfield House Peterchurch House Peterchurch House ELECTRICAL INFRASTRUCTURE REFURBISHMENT SARNSFIELD, SKENFRITH & PETERCHURCH HOUSE

1] The type of existing busbar riser, which has been retained, and its method of connection to the DB's are not supported by the Amtech ProDesign program. To enable the calculation data to be initiated it has been necessary to show the DB's connected differently to those installed on site. The connections shown for this purpose are VSM-9 to VSM-26,VTO-1 to VTO-21 and VEF-1 TO VFE3. The defaults of these items have been set high enough that they will have no impact on the loadings or the discrimination calculations.

DRAWING NO

OCT 2017

R.O.

В

## LBS Skenfirth -Peterchurch - CONTRACT ISSUE REV B 31/10/2017 10:13:47

Landlords DB [A]

/c/c

Skenfirth House

Cbl\_SM-18