Key to Partition Types

1. Bristsh Gypsum partition system spanning full height slab level to underside of roof truss level 8400mm high and to achieve 60 minute fire rating comprised of 146mm AS50 unboxed studs @ 300mm cts, with 2 No. layers of 12.5mm wall board taper edged. Including Bitish Gypsum 148 EDC deep flange floor track and 100mm deflection head detail. Mastic seals required between boards and roof deck and structural steel members to provide air tightness to walls forming the Rack Rooms.

 Fire Casing to Roof Trusses & Deflection Head Detail
 Gyproc Gypliner system incorporating BG GL8 track fixed to roof sheeting with BG GL1 lining channel supported at foot by 200 x 75 x 15 x 1.5mm thick 'Z' section, with 100mm deflection head all as detail D3 drawing number 3869/212.

2. Bristsh Gypsum partition system spanning full height slab level to underside of roof truss level 8400mm high and to achieve 60 minute fire rating comprised of 146mm AS50 boxed studs @ 600mm cts, with 2 No. layers of 12.5mm wallboard each side from slab level to 6200mm above slab. Incorpoarting standard 100mm British Gypsum deflection head detail at the underside of the truss.

3. High level plenum separation wall 6600mm high comprised of 92mm Gypframe AS50 studs @ 600 cts and 94 EDC top & bottom channel with single layer of 15mm soundbloc each side and 3 x 25mm layers of 'Isover' APR 1200 between studs suspended from the roof structure with 100mm deflection base detail and fixed to MF. ceiling grid at base. All joints and junctions to be mastic sealed to prevent passage of air between plenums.

Taping and Jointing

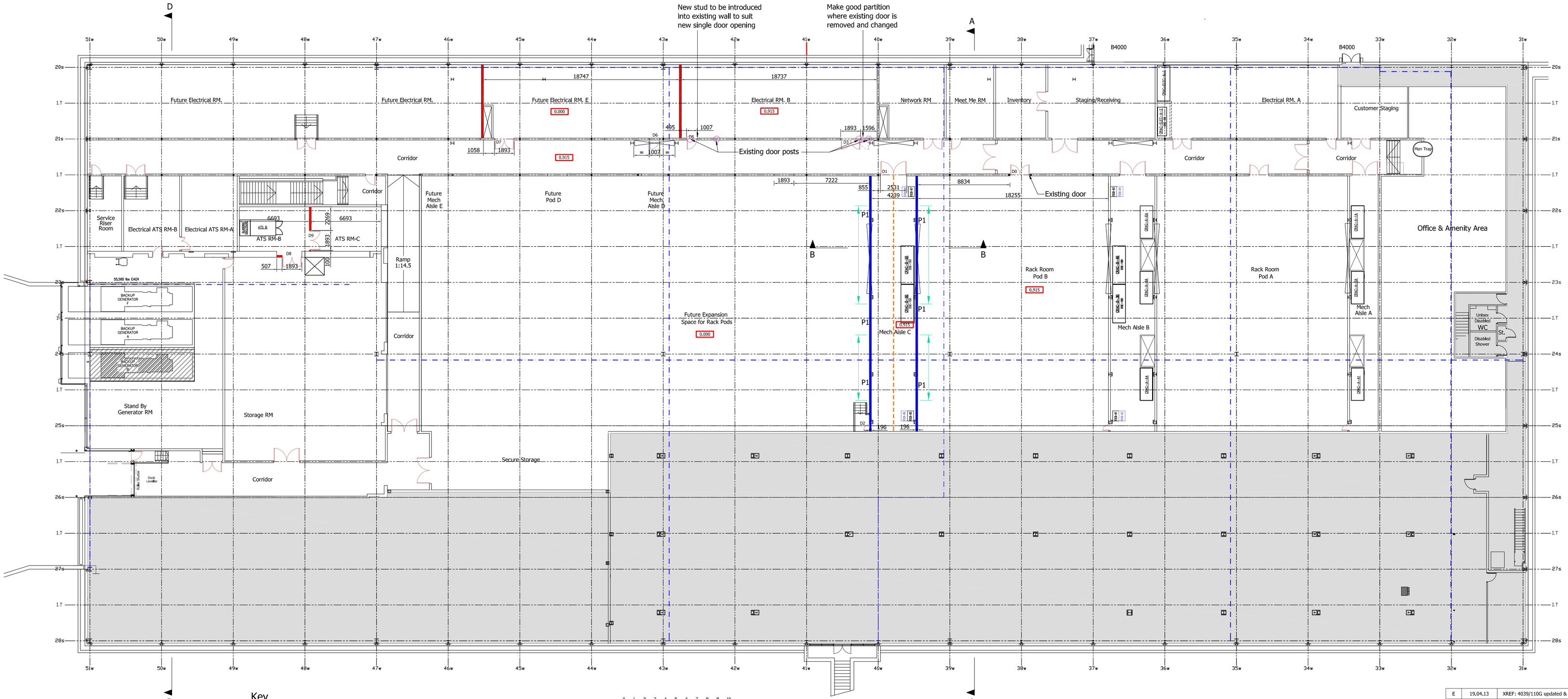
Unless otherwise stated all exposed boards to be taper edged , taped and filled.

Decoration

Allow for one mist and two full coats of trade vinyl matt emulsion paint.

Patresses

P1 Incorporate 25mm thick plywood horizontal patress zone between studs at height between 3355mm & 4000mm above slab level on Rack Room side of partition.



REV.	DATE	DESCRIPTION	BY
E	19.04.13	XREF: 4039/110G updated & wall to Future Elec. Rm E added	DS
D	10.04.13	Door numbers altered	KS
C	08.04.13	Setting out for Future Electrical Room E shown	DS
B	22.03.13	Generator base added	KS
A	19.03.13	XREF: 4039/110C updated	DS

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Client: Evolve Infrastructure Solutions

Job Title: Peer 1 Data Centre, Langstone Technology Park

Drawing Title: Level One Partition Layout Plan

Drawing No. 4039/111 Revision E

Scale	Date	Drawn By	Checked By
1:200 @ A1	29.01.13	DS	

This drawing shall not be scaled, except for planning purposes. All dimensions to be checked on site where applicable, prior to commencement on site. Differences between drawings, and between drawings and specification or bills of quantities to be referred to the Architect for clarification. All works shall conform to he current edition of the Building Regulations and other relevant statutory requirements. All materials and workmanship shall conform with the relevant British Standard Specifications and Codes of Practice.
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