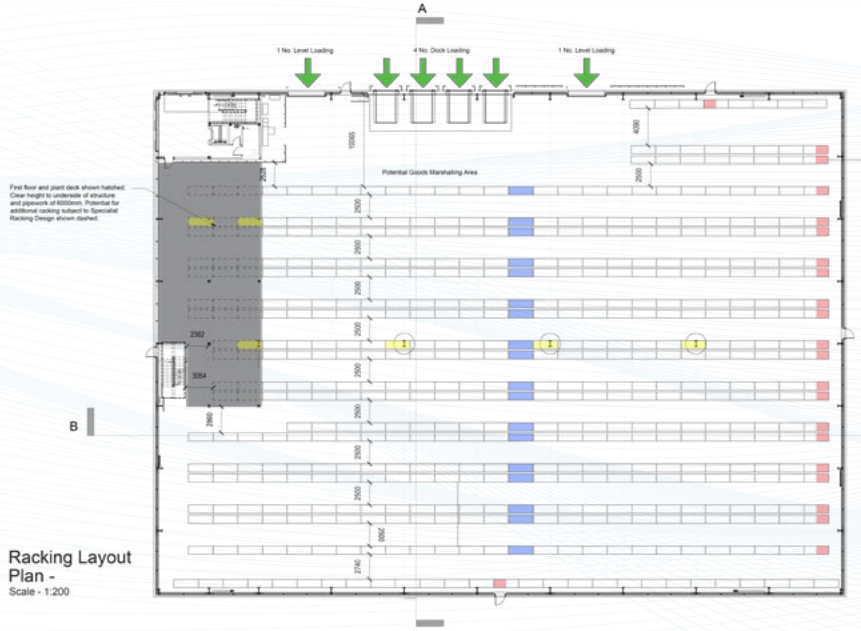
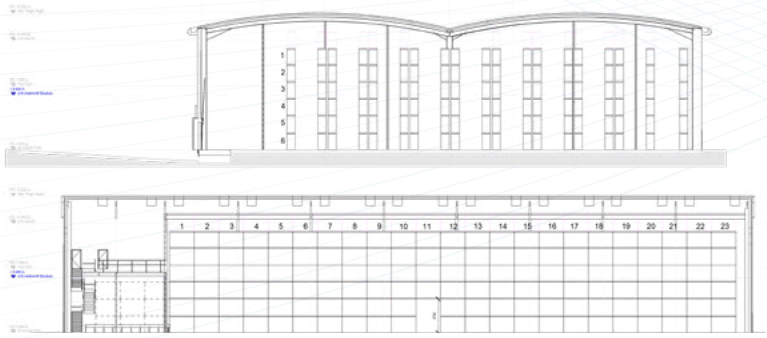
RACKING PLANS

BOLTON 45 VNA Solution - 6,560 pallet spaces

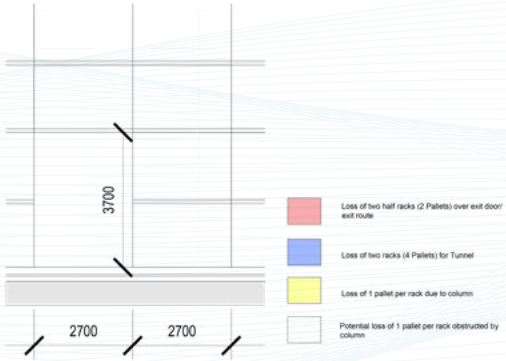


Racking Layout Plan -
Scale - 1:200



Racking Layout Section A -
Scale - 1:200

Racking Layout Section B -



Illustrative Tunnel Section
Scale - 1:50

Racking Assumptions (12m Haunch)

Racking space for 2no. pallets assumed as:
1850(h)x2700(w)x900(d)mm
Space between back-to-back racks: 200mm
Minimum aisle width: 2500mm

No. full height (to u/s haunch) racking spaces: 2,634 no. racks (= 5,268no. pallet spaces)
No. unobstructed tunnels (18no.): 72no. racks (=144no. pallet spaces)
No. escape door / route racking positions (22no): 132no. racks (=264 pallet spaces)
No. Obstructed by columns (3no): 18no. racks (1 pallet per rack = 18 pallets)

Total pallet capacity to underside of haunch within main warehouse: 5,268 + 144 + 264 + 18 = 5,694 pallets

Potential additional racking below the undercroft shown dashed to maximum height of 6m.

No. unobstructed racking spaces below the undercroft (23no.): 69 no. racks (= 138no. pallet spaces)
No. obstructed rack positions by columns below the undercroft (3no.): 9no. racks (=9no. pallet spaces)
No. potentially obstructed rack positions by columns below the undercroft (3no.): 9no. racks (=9no. pallet spaces)

Total potential pallet capacity to the undercroft: 138 + 9 + 9 = 156 Additional pallets

Potential additional racking within the apex void.

No. racking spaces above the haunch: 355 no. racks
(= 710no. pallet spaces)

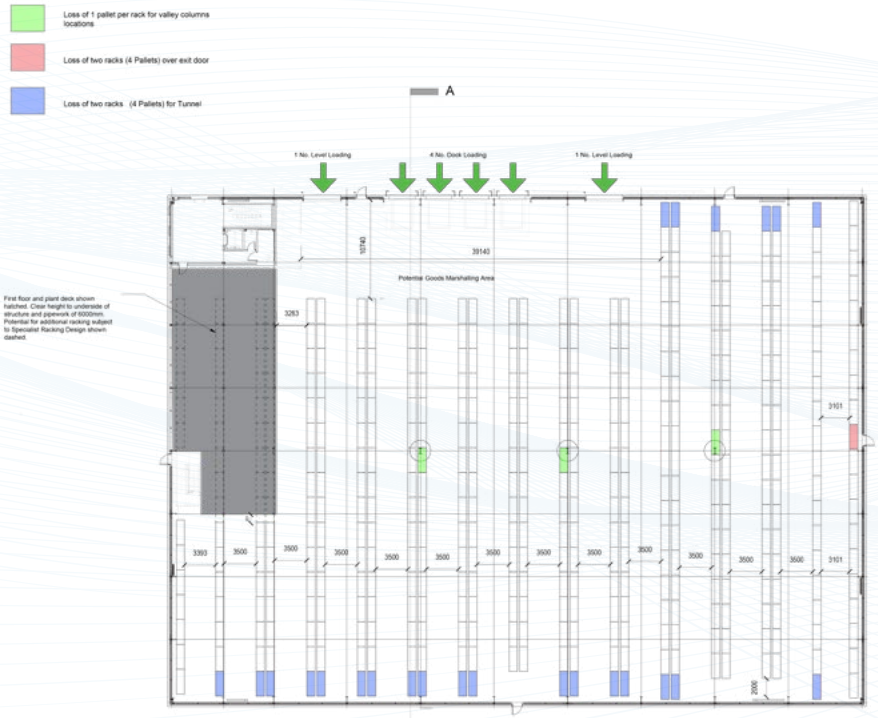
Total potential pallet capacity for 12m haunch: 5,694 + 156 + 710 = 6,560 pallets

Note:
Racking layout shown illustratively only. Confirmation of actual pallet

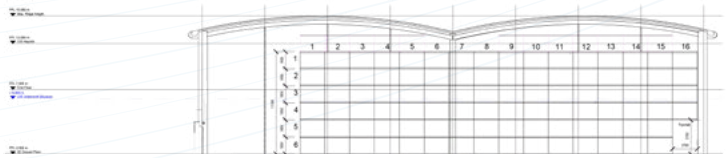
6,560
NARROW AISLE POSITIONS (UK)

RACKING PLANS

BOLTON 45 Wide aisle - 5,536 pallet spaces



Racking Layout Plan -
Scale - 1:200



Racking Layout

Indicative Tunnel Section
Scale - 1:50

Racking Assumptions (12m Haunch)

Racking space for 2no. pallets assumed as: 1850(h)x2700(w)x900(d)mm
Space between back-to-back racks: 200mm
Minimum aisle width: 3500mm
Minimum one-way circulation width: 2000mm

No. full height (to u/s haunch) racking spaces: 2,262 no. racks (= 4,524no. pallet spaces)
No. unobstructed tunnels (24no.): 96no. racks (=192no. pallet spaces)
No. obstructed rack positions by columns (3no.): 12no. racks (=24no. pallet spaces)
No. escape door racking positions (1no): 4no. racks (=8no. pallet spaces)

Total pallet capacity to underside of haunch within main warehouse:
4,524 + 192 + 24 + 8 = 4,748 pallets

Potential additional racking below the undercroft shown dashed to maximum height of 6m.

No. unobstructed racking spaces below the undercroft (27no.): 81 no. racks (= 162no. pallet spaces)
No. obstructed rack positions by columns below the undercroft (6no.): 18no. racks (=18no. pallet spaces)

Total potential pallet capacity to the undercroft:
162 + 18 = 180 Additional pallets

Potential additional racking within the apex void.

No. racking spaces above the haunch: 304 no. racks
(= 608no. pallet spaces)

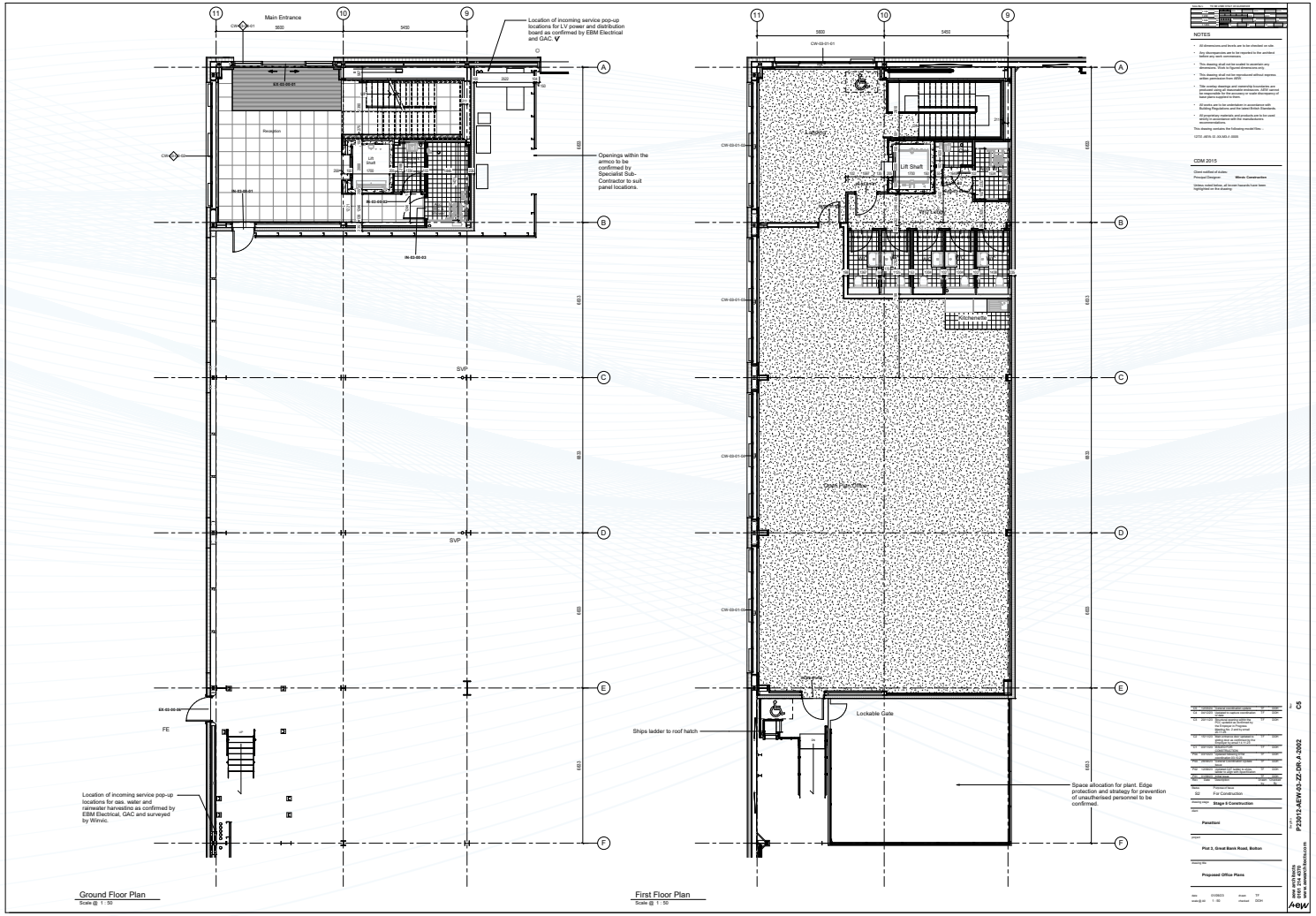
Total potential pallet capacity for 12m haunch:
4,748 + 180 + 608 = 5,536 pallets

Note:
Racking layout shown illustratively only. Confirmation of actual pallet

5,536
WIDE AISLE POSITIONS (UK)

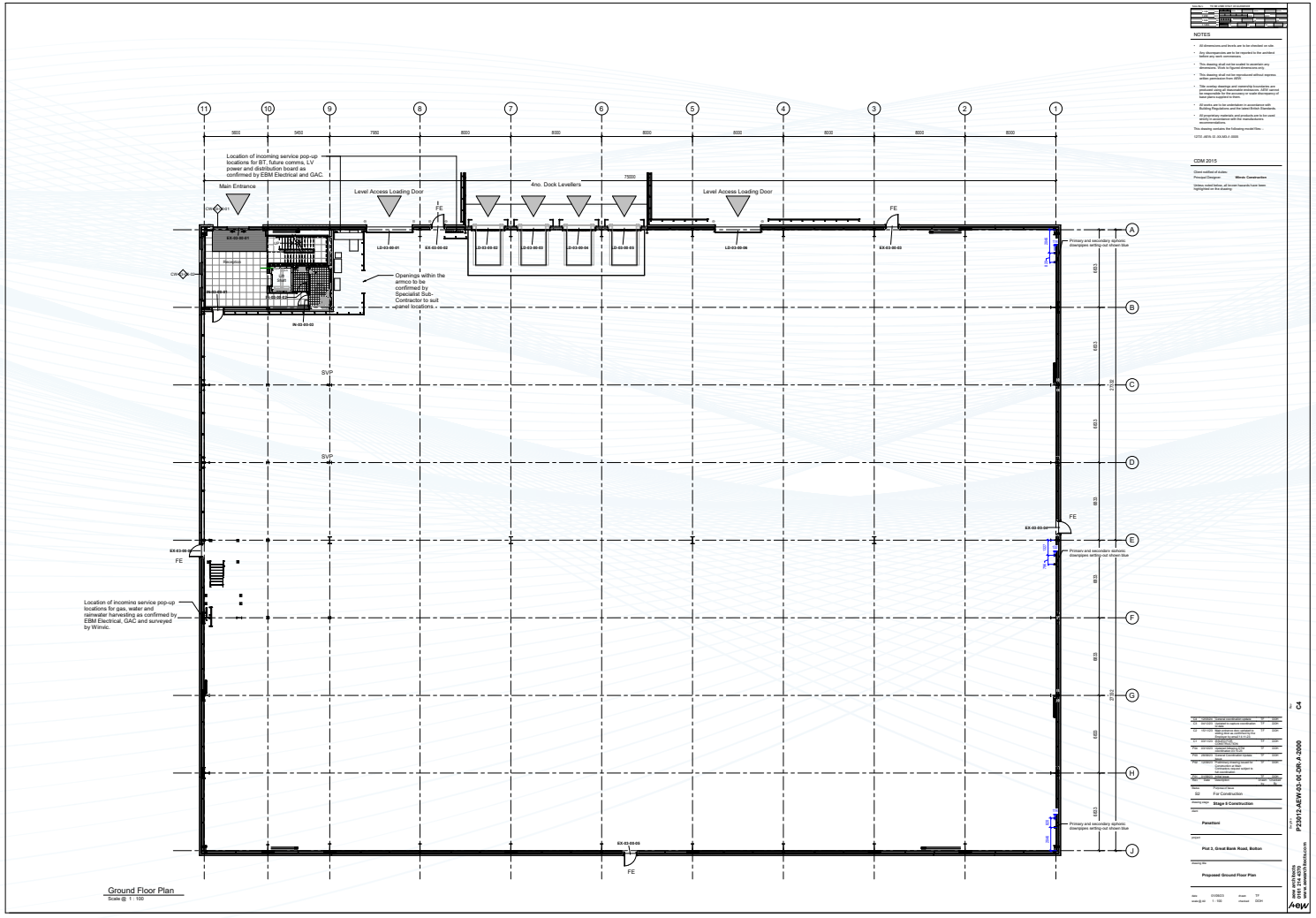
OFFICE LAYOUT PLANS

BOLTON 45 Main office



OFFICE LAYOUT PLANS

BOLTON 45 Warehouse Ground Floor



OFFICE LAYOUT PLANS

BOLTON 45 Warehouse First Floor