



NORTH PORCH/ KITCHEN EXTENSION

PREPARATION

1. Carefully remove existing WC fittings and partitions within the N Porch.
2. Take up concrete floor.
3. Remove stone step and excavate to form new solid floor under supervision of Archaeologist.
4. Remove infill masonry to former door reveal in external wall.
5. Remove existing drainage and manhole chamber routed parallel to N Aisle wall.
6. Excavate to formation level of concrete raft foundations, under Archaeologists Watching Brief.

FLOOR

- North Porch**
7. 35 thk stone paving as Ancaster Weatherbed/Hard White 450w x varying lengths, honed finish, joints 5mm. Remove ex stone threshold.
 8. on 65 Glaister screed inc underfloor heating
 9. on 150 Limecrete slab on geotextile membrane
 10. on 200 Recycled Foamed Glass RFG insulated hardcore on geotextile membrane.
- North Link/Kitchen/Toilets**
11. Paving to match North Porch on 15 lime mortar bedding to Link, ceramic tiles elsewhere.
 12. on 65 glaister screed inc underfloor heating
 13. on 100mm Kingspan K3 insulation on concrete raft foundation slab to SE design 175 thickened to 300 at edges for 450 margin+ infill slab to SE design. on DPM on 150 blinded hardcore.
 14. Separation of 50mm between Extension floor slab and North Aisle walling.
 15. Evaporation margin filled with clean stone 20-10mm.

WALLS

- Extension only** : Cavity walling to follow curve comprising:
18. New external walls 170 on bed coursed roughly squared rubble to match existing church masonry Lincolnshire Limestone on 100 backing block. 150 cavity with 100 mm partial fill cavity insulation as KINGSPAN K8 ss ties, 100 inner block. 2 ct plaster with washable paint finish.
 19. Coping of 75 x wall thickness Lincolnshire Limestone sawn honed ashlar.
 20. Wall base spayed masonry plinth to detail.
 21. Lobby window masonry surround of sawn honed Limestone ashlar projecting 75 beyond wall plane, to detail.
 22. Existing blocked masonry window.
 23. Vertical wall abutment of Oak boarding on insulated timber frame infill stud walling scribed around masonry plinth Interior faceted boxing out of lower wall to work top height to accommodate ss kitchen units against curved wall. Decorated in epoxy wall paint.
 24. Wall construction abutting North Aisle to be oak boarding on insulated timber frame inc door opening, scribed to N Aisle plinth profile. No keying or bonding.

Wall finishes

26. Kitchen : Epoxy wall paint
 27. Toilets : ceramic tiling
 28. Link curved wall: fairfaced masonry as outer skin.
 29. North Aisle exterior wall : brushed down to be retained on view. Fittings fixed to frames or panels from floor and not fixed to historic masonry.
 30. Elsewhere: 12.5 gypsum plasterboard + skim decorated in natural emulsion.
- North Porch**
31. Carefully remove damaged plaster.
 32. Re-plaster with 3 ct NHL 3.5 haired lime plaster. Decorate with limewash or silica based primer + top coats depending on salt contamination of background.

ROOF + CEILINGS

- North Porch**
33. Reslate using Burlington Blue on 25 x 50 tanalised battens and counterbattens on DuPont Tyvec Breathable felt on existing rafters.
 34. Conservation repair to vaulted soffitt.
- Extension**
35. Stainless Steel roof construction CONTRACTOR DESIGN inc completion of design, position and spacing of joints of ; ss ventilated cap to detail ,ss sheet roof marine grade 316 T austenitic TERN COATED ss 0.5mm thk with Batten Roll upstands size 48h x 45 w tapering to 32 at apex on needle punched polyester non woven 220g/m2 geotextile underlay on 25 WBP Ply decking
 36. 25 Sound Insulation Board
 37. 50 ventilated cavity formed by treated sw sections
 38. Joists generally 175 x 63 C16 @400/c
 39. Insulation KINGSPAN K7 between rafters 120mm thk
 40. Insulation KINGSPAN K7 below rafters 60mm.thk
 41. 9mm suspended plasterboard ceiling inc sw framing suspension system.
 42. Steel work generally 203x102x23kg/m UB and 150x75 PFC's all to SE design.
 43. Form ss box gutter to detail. Code 6 lead cover flashing chased into ex North Aisle masonry. European Whitewood treated Gutter Boards on 38 x 75 treated sw bearers.
 44. Chute weir of stainless steel connected to 100 DIA CI RWP to gully discharging into existing system Connection to the existing N Aisle and N Porch fabric is with single horizontal flashings located in the ex bed joints and Porch lower pediment joint

Link roof

47. Patent Glazing system as Architectural Products Ltd of 6mm toughened outer pane, 16mm argon filled cavity, 6.4mm laminated thermally insulating 'K' glass inner pane set in 150x50 thermally broken aluminium glazing bars as APC 50 approx 450 c/c with transoms APC 40 80x40 matching sections approx 900 c/c. Powder coated colour BRONZE. Spanning from ext wall to 150 PFC parallel to Porch.

DOORS

- North Porch**
48. Conservation clean and redecoration of ironwork to C19 door. Extension to bottom rail to take up reduced floor level/step.
- Lobby External Doors**
49. Entrance Doors of frameless glass proprietary system with manifestation Heritage Design.
- Lobby/ Kitchen Door/Screen**
50. Glazed oak door and screen with graphics transfer to glass
- Lobby/Toilets door**
51. Oak boarded door with wood push/pull plate as by Treske of Thirsk
- Elsewhere**
52. Plywood doors for painting.

WINDOWS + ROOFLIGHTS

53. Lantern of SS roof as above on 150x75 PFC circular ring beam , on 50x50x6.3x12.5 kg/m SHS's vertical sections on 2no 150x75 curved PFC's on trimming steels of 203x102x23 kg/m UB's. Glazing dg fixed lights of 4+16+4 insulated K Glass toughened in powder coated aluminium frames. Outer Lantern fins of 150 x 1200 x 12mm hammered steel plate primed painted 2ct oils color FRENCH GREY fixed with steel brackets bolted to sq section mullions or Brushed Alumium plate.
54. Corridor rooflight: glazed light permitting roof access.
55. Lobby window: double glazed toughened glass fixed light in powder coated steel/alum l frame

MECHANICAL AND ELECTRICAL ENGINEERING

- ELECTRICS**
56. new incoming supply - 3 phase
 57. new switch gear
 58. power distribution in floor containment ducting
 59. general lighting
 60. feature lighting to lobby
- MECHANICAL**
61. new incoming gas supply
 62. mechanical extract to kitchen
 63. cooker hood
 64. additional mechanical ventilation to kitchen.
 65. ventilation to toilets/corridor/plant room.
 66. underfloor heating to lobby/kitchen/toilets.

FITTINGS

67. Fully fitted stainless steel commercial grade kitchen inc plumbing + mechanical extract hood.
68. Sanitary fittings for Dis WC/ WC's, Cleaners/ Baby Change including plumbing.
69. Roof mechanical ventilation extract located below kitchen parapet level

Ground Floor Plan PROPOSED 1:50
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