

Appendix A – Outline Specification

General:

The following design elements should be in accordance with the Architects details:

- Setting-out
- Fire protection
- Floor separation and acoustic isolation
- External works
- Finishes
- Internal partitions

Concrete:

The concrete grades to be used are as follows:

- Blinding, Gen1
- In-situ RC concrete slabs, underpinning and walls, RC35/45
- All formed surfaces to be Type A (basic) finish in accordance with BS-8110. Tops of ground beams and floor slabs to be uniformly levelled and tamped to type 1u finish, subject to agreement with raised flooring manufacturer.
- Xypex Waterproof concrete for the retaining walls and basement slab.

Steelwork:

- All steelwork to be grade S355 to BS EN 10025 and in accordance with BS-5950 UNO.
- All connections to have minimum 4no. M16 bolts, with minimum 6mm leg length continuous fillet welds, unless specifically noted.
- All steelwork to be blast cleaned to SA2.5. Internal steelwork painted with 75 µm of zinc phosphate primer, 75 µm sealant. External steelwork to be galvanised to 140µm
- Reinforcement for profiled composite slabs to be minimum A252 mesh in the top reinforcement layer. For single spans (not continuous) 2 No. H8 bars are to be placed in all decking troughs.
- All profiled composite slabs are to be formed using RC40 lightweight concrete.

Timber:

- All timber members are to be grade C16 to BS 5268 unless noted otherwise. Timber to be pressure impregnated with preservative and cut ends brush treated
- Lateral restraint straps for floors are to be minimum 900 long 30 x 5 galvanized MS straps at 1200crs with 150 bob end.

Temporary Works:

- The contractor is responsible for the design, installation and maintenance of all necessary temporary works to ensure the strength and stability of the building throughout the construction process