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Project Title

REV.

DATE

NOV 2023

BRAMHALL GOLF CLUB LADYTHORN LANE, BRAMHALL STOCKPORT, SK7 ZEY

DRG.NO.

SCALE

JK / 2142_003

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SECTION E E

EXISTING FOUNDATIONS GROUND FLOOR SLAB project).

GAS MEMBRANE

BALCONY FLOOR Timber necessary trimmers around landings etc Bracing / strutting timbers at 1000 ctrs between joists to gave lateral restraint. Under draw ceiling to store in 12mm layer of Westher board lay tape and fill joints. boarding to be scribed to perimeter walls and sealed with mastic seal to form robust joint, Floor joists with 38mm noggins in between and fixed to brickwork at maximum 1200mm c/c. All joist ends built into the structure are to be suitably protected and adequately sealed to minimise air leakage, or joists may

CEILING FINISHES TRIMMERS & TRIMMING POSITIONS Provide required trimmers and trimming around

STRUTTING:

STEEL BEAMS instructions: SEE CONSULTANT ENGINEERS DRAWINGS and CALCS

PATHS / PAVING / ASPHALT Break out existing paths as required c) PARKING AREAS / DRIVE- wearing course 30mm to 10 size open - grade macadam, base course 75mm to 40 single course macadam, sub-base 200mm sub base / D of T1 crushed concrete terram 1000 geotextile on proof rolled sub grade

STRUCTURAL STEEL WORK catered for in the tender. All steel to be provided in accordance with the structural engineers recommendations MATERIALS FOR RE-USE

SITE ACCESS / SAFETY GRASS SEEDING

FOUNDATIONS GENERALLY

Excavate to form new strip foundations min 200x600mm wide to struct. Eng details and or building inspector's satisfaction.

For tendering purposes to be considered not less than 1000mm below GL. APP doc Section 1E projecting min 200mm on each side of the supported wall with min 750mm cover to finished ground level taken down below invert level of any adjacent drainage to suitable strata and to a depth agreed with the Local Authority Building Inspector dependant on site conditions

All concrete to be ready mixed, grade C16 to strip and C24 to slab. Foundations min 900mm below GL depth to invert of drain if within 1 mtr of foundations. Min 600x200 concrete strip with A 142 mesh, 50mm min cover, depth to be determined on site between builder and DBS to full satisfaction of the LA inspector, any drains passing through foundations to be encased in

200mm concrete, provide RC lintel over drains passing through walls, provide rodding access points. All work to comply in every respect and entirely with the building regulations new edition.

To be exposed for inspection by the LA inspector and or structural engineer and any works to be carried out strictly in accordance with inspectors/engineers report and recommendations. Trench to be excavated along side of the wall and footing to be underpinned with concrete in 1mtr lengths as indicated on drawings to prevent collapse of wall.

Solid Ground floor construction Excavate all topsoil and contaminated fill material from under floor slabs and back fill with stone and dust (M.O.T) in 150mm max compacted layers. 50mm sand blinded to receive d.p.m. If filling exceeds 600mm under floor slab, slab to be changed to a suspended concrete mesh reinforced type - details to be agreed with Building Control. Lay 1200 gauge dpm onto sand blinding 150mm min thick concrete slab cast over reinforced with A142 mesh - level to match existing allowing for any floor finishes. Floor dpm to lap new and existing walls dpcs. D.p.m joints to be taped and sealed using proprietary jointing tape. (NOTE: - refer to slab detail for methane or radon protection provisions which may be necessary to Any airbricks covered by proposal to be ducted via 100mm dia ducts to new external walls and insert telescopic airbricks sleeved with cavity trays over to connect to outside air.

Install gas membrane below ground floor - MONOFLEX -or similar approved gas retardant membrane sealed in accordance with manufacturers details and recommendations complete with vent outlets within cavity, gas sealed to prevent ingress of methane or similar gases.

Floor 175x50mm SC4 .15 joists at max 400mm ctrs. ends built into wall and strapped down with 1000x50x6mm ms straps (joist hangers st. st) Provide lateral restraints to return walls nailed to 3 No joists, Provide all

Decking finished in slip existent single ply membrane or similar social of winn locate pluring to be showed EQ ply board or similar approved (25mm t&g board) to entire floor, min 100mm 10kg/m2 quilt to be dressed over joists between floor boarding and dressed up vertical sides of board. All floor joists spanning more than 2500mm to have 38mm wide solid strutting at 1250mm c/c. Floor joists parallel to external brickwork to be provided with lateral restraint via galvanized mild steel straps nailed to 3 No.

be supported on masony type joist hangers. All structural timber to be stress grade C24 and double vacuum preservative treated - unless otherwise indicated on construction notes.

Moisture resistant floor (20mm chipboard / ply) or preservative treated min 20 mm timbers boarding to be provided to kitchens / utilities and bathrooms.

Celling to three the 2 layers of 12mm thick Gyproc Fire line board fitted in strict accordance with the manufactures recommendations and instructions. All joints to be staggered and lapped between layers. Perimeter to be sealed with Arbosil 1071 fire and acoustic sealant or equivalent approved.

a) Stairwell openings Staircase Manufacturer to confirm size prior to fabrication of staircase

JOIST STRAP LATERAL RESTRAINT: 30x5mm galvanised. ms straps fixed to 3no. joists @2m c/s, Provide 100x50 sw solid blockingbelow joists

Solid to be 3/4 of joist depth or proprietary galvanised herringbone steel struts. 1 No. row at midspan to joists spanning 2500-4500, 2 No. rows equally for spans greater than 4500mm.

AI RSJU.BEAMS to be wire brushed, hand chipped and receive 2No coats of zinc rich oxide paint prior to fixing. Provide 2 layers of 12mm Fire line board linings with skim finish to give half hour fire resistance. For size position and fixing

New paths to be constructed as follows:-a) Wearing course 20mm - 6mm medium grade macadam wearing course. Base course 40mm - 20mm open graded macadam base course. Sub - base 150mm D of T 1 crushed concrete on proof - rolled sub grade b) PC / natural stone / brick paviours on 50mm thick weak mix concrete base, laid to falls, 5mm max joints filled with silica sand brushed smooth

Where steel UB are to be utilized calculations are to be provided to the satisfaction of the LABCS. All RSJ / UB's to be encased in two layers of 12mm plaster board and skim wire bound at 100mm ctrs. Beam to bear onto minimum two coarse deep concrete pad stones unless other wise specified. Steel beams to be bolted together using M12 bolts and spacer bars. The contractor is reminded of the dangers involved in lifting and placement of steelwork. Where necessary cranage will need to be

Brick rubble or other hard materials arising from the demolitions may be re-used as hardcore providing it is free from rubbish and other deleterious matter and properly graded so that when compacted filling is dense and without voids. Existing slates to be salvaged, sorted cleaned and neatly stacked on site for re-use. Contractor shall be responsible for ascertaining from the employer whether any materials or equipment shall be required for salvage or re-use. Materials not required by the employer or for re-use shall become the property of the contractor and cleared away from site as work proceeds.

Prevent access of un authorised persons to partly demolish structures. Site to be left secure at end of every working day. Report to Architect, details of any underground chambers, vaults, wells storage tanks etc. discovered during demolition works and deal with as instructed.

Seeding is to comply with BS 3960 1965 and BS 4428 1989 Grass seed and mix sowing rates to be to BS A22 or equivalent and sown at 25-35 g/sq m or as indicated on the drawing Any trees or plants which as the original of the development die are removed or become seriously damaged or diseased shall be replaced in the next growing season with others of similar size and species, unless the local authority gives written consent to any variation.

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO ORDERING OR ERECTING MATERIALS DO NOT SCALE.



PROPOSED EXT.N TO EXISTING VERANDA

Project Title

BRAMHALL GOLF CLUB LADYTHORN LANE, BRAMHALL STOCKPORT, SK7 2EY

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BALCONY TIMBERING PLAN

BALCONY FLOOR

Floor 175x50mm SC4 .15 joists at max 400mm ctrs. ends built into wall and strapped down with 1000x50x6mm ms straps (joist hangers st. st) Provide lateral restraints to return walls nailed to 3 No joists, Provide all

Floor 175x50mm SC4 .15 joists at max 400mm ctrs. ends built into wall and strapped down with 1000x50x6mm ms straps (joist hangers st. st) Provide lateral restraints to return walls nailed to 3 No joists, Provide all necessary trimmers around landings etc Bracing / strutting timbers at 1000 Ctrs between joists to gave lateral restraint. Under draw ceiling to store in 12mm layer of Weather board lap tape and fill joints. boarding to be scribed to perimeter walls and sealed with mastic seal to form robust joint , Decking finished in slip resistant single ply membrane or similar approved sealed and applied to 25mm resin bonded EQ ply board or similar approved (25mm t&g board) to entire floor, min 100mm 10kg/m2 quilt to be dressed over joists between floor boarding and dressed up vertical sides of board. All floor joists synning more than 2500mm to have 38mm wide solid strutting at 1250mm c/c. Floor joists parallel to external brickwork to be provided with lateral restraint via galvanized mild steel straps nailed to 3 No. Floor joists with 38mm noggins in between and fixed to brickwork at maximum 1200mm c/c. All joist ends built into the structure are to be suitably protected and adequately sealed to minimise air leakage, or joists may be supported on masonry type joist hangers. All structural limber to be stress grade C24 and double vacuum preservative treated - unless otherwise indicated on construction notes. Moisture resistant floor (20mm chipboard / ply) or preservative treated min 20 mm timbers boarding to be provided to kitchens / utilities and bathrooms.

CEILING FINISHES Ceiling to Store to be 2 layers of 12mm thick Gyproc Fire line board fitted in strict accordance with the manufactures recommendations and instructions. All joints to be staggered and lapped between layers. Perimeter to be sealed with Arbosil 1071 fire and acoustic sealant or equivalent approved.

TRIMMERS & TRIMMING POSITIONS Provide required trimmers and trimming around: a) Stairwell openings Staircase Manufacturer to confirm size prior to fabrication of staircase

JOIST STRAP LATERAL RESTRAINT: 30x5mm galvanised. ms straps fixed to 3no. joists @2m c/s, Provide 100x50 sw solid blockingbelow joists

STRUTTING: Solid to be 3/4 of joist depth or proprietary galvanised herringbone steel struts. 1 No. row at midspan to joists spanning 2500-4500, 2 No. rows equally for spans greater than 4500mm.

Perimeter balustrade and handrails to match existing as near as possible bolted and secured to perimeter structure to achieve 0.36Kn/ mm horizontal force

Floor joists at max 450mm ctrs ends built into wall $/\,$ joists hangers ightarrowprovide lateral restraints between timbers joists and floor boarding to line with existing floor level

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J.KENDAL 9 SOUTH SQUARE THORNTON-CLEVELEYS EY5 IJP	
Drawing Title	

PROPOSED EXT.N TO EXISTING VERANDA

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BRAMHALL GOLF CLUB LADYTHORN LANE, BRAMHALL STOCKPORT, SK7 2EY

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BALCONY SET OUT PLAN



New paths to be constructed as follows: a) Wearing course 20mm - 6mm medium grade macadam wearing course. Base course 40mm - 20mm open graded macadam base course. Sub - base 150mm D of T 1 crushed concrete on proof - rolled sub grade b) PC / natural stone / brick paviours on 50mm thick weak mix concrete base, laid to falls, 5mm max joints filled with silica sand brushed smooth

c) PARKING AREAS / DRIVE- wearing course 30mm to 10 size open - grade macadam, base course 75mm to 40 single course macadam, sub-base 200mm sub base / D of T1 crushed concrete terram 1000 geotextile on proof rolled sub grade

Where steel UB are to be utilized calculations are to be provided to the satisfaction of the LABCS. All RSJ / UB's to be encased in two layers of 12mm plaster board and skim wire bound at 100mm ctrs. Beam to bear onto minimum two coarse deep concrete pad stones unless other wise specified. Steel beams to be bolted together using M12 bolts and spacer bars. The contractor is reminded of the dangers involved in lifting and placement of steelwork. Where necessary cranage will need to be catered for in the tender. All steel to be provided in accordance with the structural engineers recommendations

Brick rubble or other hard materials arising from the demolitions may be re-used as hardcore providing it is free from rubbish and other deleterious matter and properly graded so that when compacted filling is dense and without voids. Existing slates to be salvaged, sorted cleaned and neatly stacked on site for re-use. Contractor shall be responsible for ascertaining from the employer whether any materials or equipment shall be required for salvage or re-use. Materials not required by the employer or for re-use shall become the property of the contractor and cleared away from site as work proceeds.

Prevent access of un authorised persons to partly demolish structures. Site to be left secure at end of every working day. Report to Architect, details of any underground chambers, vaults, wells storage tanks etc. discovered during demolition works and deal with as instructed.

Seeding is to comply with BS 3960 1965 and BS 4428 1989 Grass seed and mix sowing rates to be to BS A22 or equivalent and sown at 25-35 g/sq m or as indicated on the drawing Any trees or plants which within a period of 5 yrs from completion of the development die are removed or become seriously damaged or diseased shall be replaced in the next growing season with others of similar size and species, unless the local authority gives written consent to any variation.

All R5J/U.BEAMS to be wire brushed, hand chipped and receive 2No coats of zinc rich oxide paint prior to fixing. Provide 2 layers of 12mm Fire line board linings with skim finish to give half hour fire resistance. For size position and fixing instructions: SEE CONSULTANT ENGINEERS DRAWINGS and CALCS

Steel work to engineers design supported on concrete padstones

Handrails to be minimum 900mm above nosings. 1100mm above landing levels, minimum 2 metres clear headroom above nosings. Timber stairs 25mm softwood treads, 19mm WBP risers, 25mm softwood strings minimum 900mm clear opening between string and handrails, under draw soffit of stairs in 2x9mm layers of fire line board or similar approved. Stairs by specialist supplier to be in accordance with manufacturer's recommendations and details. Minimum 99mm spacings between vertical balustrades, 99mm spacing between bottom rail of balustrade and

Balustrade should be able to resist a horizontal force of 0.36KN per metre. Any stair winders to be formed in three tapered steps with a minimum 50mm tread at the newel post. Staircases to have

Handrails min 900mm above nosings, 1100mm above landings. Purpose made prefabricated timber staircase with closed flights, designed in accordance with BS 5395.Manufacturer to check dimensions prior to fabrication.

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Datum 18.00m



SOUTH ELEVATION AS EXISTING



EAST ELEVATION AS EXISTING

ELEVATION AS EXISTING

THE CLIENT SHOULD NOTE THAT THE DRAWINGS ARE FOR BUILDING REGULATIONS PURPOSES ONLY AND THAT THE CLIENTS OWN CONTRACTOR AND SUB-CONTRACTORS SHOULD LIASE WITH REPRESENTATIVES FROM THE LOCAL AUTHORITY FIRE DEPT. STATUTORY UNDERTAKERS AND ANY OTHER RELEVANT BODIES, TO ENSURE THAT THE WORKS COMPLY TO THEIR REQUIREMENTS AND CODES OF PRACTICE. ANY MODIFICATIONS, AS A RESULT TO BE AGREED.

All dimensions to be checked on site all dimensions to be checked on site all materials and workmanship to comply with relevant british standards CODES OF PRACTICE AND BUILDING REGULATIONS. ALL TO THE SATISFACTION OF THE LOCAL AUTHORITY.

ALL WORK TO COMPLY WITH REQUIREMENTS OF COVENANTS OR AGREEMENTS, RELATED TO The property None of the works should encroach onto the adjacent property without

THE EXPRESS PERMISSION OF THE NEIGHBOURING OWNER. THE CARREST FERMISSION OF THE NEURIDUORING WINER. THE CONTRACTOR IS TO ENSURE AND CONFIRM FOR HIMSELF THE LOCATION, POSITION AND SIZES OF ALL EXISTING SERVICE CABLES/DUCTS SURROUNDING AND WITHIN THE SITE TO ENSURE THAT NO DAMAGE OCCURS DURING CARRYING OUT OF THE WORKS.

THE CLIENT IS TO TAKE RESPOSIBILITY FOR THE APPOINTMENT OF A PARTY WALL SURVEYOR TO MAKE THE NECESSARY NOTICES TO ADJOINING PREMISES WHERE THE PARTY WALL ACT 1997 APPLIES.

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