

**A 012.1** WORKBENCH - ELEVATION 1

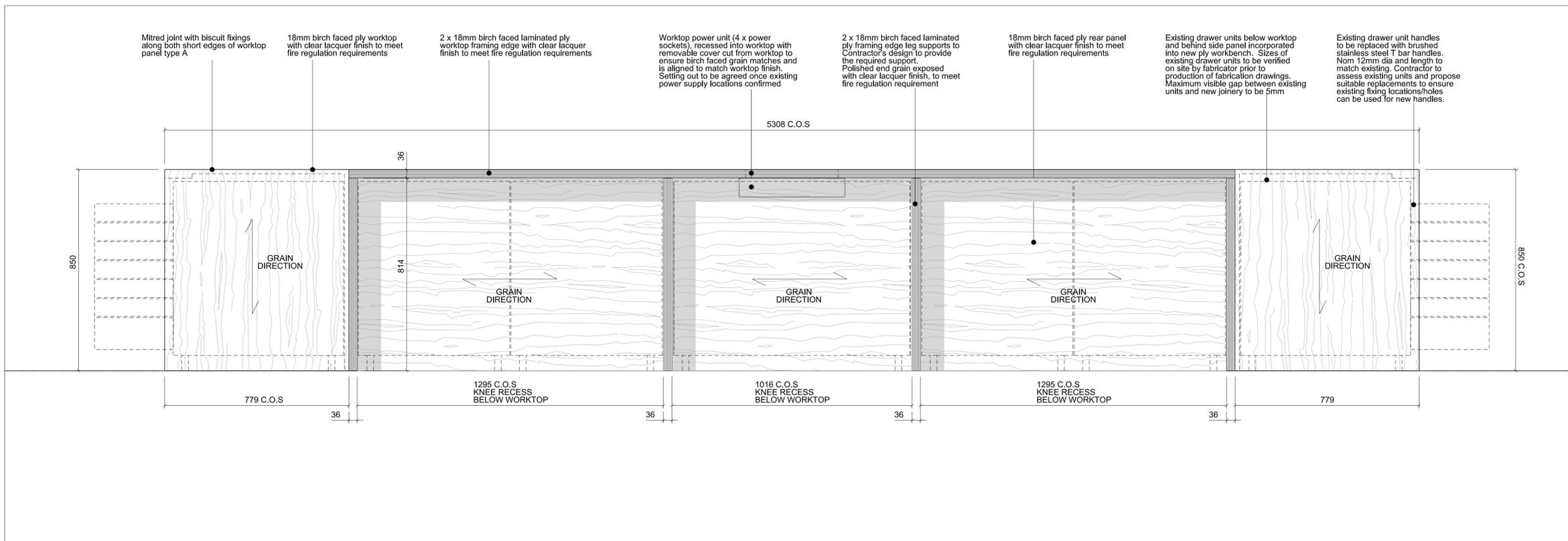
**DESIGN RESPONSIBILITY**  
THESE DRAWINGS CONSTITUTE A DESIGN INTENT DOCUMENT ONLY  
CONTRACTOR TO PROVIDE FULL DRAWINGS OF ALL DETAILS AND COMPONENTS FOR APPROVAL ILLUSTRATING ALL DIMENSIONS OF UNITS AND OVERALL COORDINATED DIMENSIONAL SETTING OUT.

**SUSTAINABLE RESOURCES**  
ALL TIMBER COMPONENTS TO BE SUSTAINABLY SOURCED TO FSC/PEFC CERTIFICATION OR SIMILAR

**DIMENSIONS**  
ALL DIMENSIONS ARE INDICATIVE AND ARE TO BE CHECKED ON SITE (C.O.S) PRIOR TO FABRICATION  
FABRICATOR TO SITE MEASURE ALL EXISTING ELEMENTS TO BE INCORPORATED INTO NEW JOINERY ITEMS, INCLUDING EXISTING DRAWER UNITS, BUTTERFLY DISPLAY CASE ETC.  
FABRICATOR TO SITE MEASURE ROOM AND ALL EXISTING ROOM FEATURES WHERE NOTCHING/SCRIBING OF NEW JOINERY ELEMENTS IS REQUIRED

**PLYWOOD COMPONENTS**  
ALL PLYWOOD BOARDS TO BE MANUFACTURED TO AN APPROVED NATIONAL STANDARD, CLASS 1 BONDING QUALITY TO BS EN 314-2, APPEARANCE CLASS E TO BS EN 635-2 WITH SANDED GRADE SURFACE FINISH  
GRADE OF PLYWOOD  
WORKBENCH TOP TO BE HIGH DECORATIVE GRADE BIRCH FACED PLYWOOD - BB/BB GRADE (CLEAR ON TOP SIDE, VENEER PLUGS ON UNDERSIDE)  
WORKBENCH SIDE PANELS AND SUPPORTS TO BE DECORATIVE GRADE BIRCH FACED PLYWOOD - BB/BB GRADE (VENEER PLUGS ON BOTH SIDES)  
BUTTERFLY CASE SURROUND PLYWOOD PANELS TO BE DECORATIVE GRADE BIRCH FACED PLYWOOD - BB/BB GRADE (VENEER PLUGS ON BOTH SIDES)  
WINDOW SEATS PLYWOOD PANELS TO BE DECORATIVE GRADE BIRCH FACED PLYWOOD - BB/BB GRADE (VENEER PLUGS ON BOTH SIDES)  
FIRE RETARDANT TREATMENT: ALL PLYWOOD PANELS TO BE TREATED WITH A CLEAR LACQUER FINISH - CLASS 1 SURFACE SPREAD OF FLAME TREATMENT  
EDGES: PROTRUDING EXPOSED EDGES TO PLYWOOD PANELS TO BE POLISHED WITH 3MM EASED CORNERS. SAMPLE TO BE PROVIDED PRIOR TO FABRICATION  
FIXINGS OF PLY COMPONENTS: AS REQUIRED TO ACHIEVE DESIGN INTENT PROPOSALS. ALL FIXINGS TO BE CONCEALED, WITH ALL BUTT AND MITRE JOINTS TO HAVE BISCUIT OR DOWEL FIXINGS. IF PLY PANELS ARE TO BE PINNED, PIN HOLES MUST BE FILLED WITH FILLER TO MATCH PLY. SAMPLE OF FIXING AND FILLER TO BE PROVIDED PRIOR TO FABRICATION

**GENERAL SPECIFICATION**  
ALL FURNITURE IS TO HAVE A GUARANTEED LIFE SPAN IN EXCESS OF 10 YEARS. FABRICS ARE TO HAVE A MINIMUM 5 YEAR GUARANTEED LIFE SPAN.  
FURNITURE PROVIDER TO ISSUE WARRANTY STATEMENT FOR EACH PRODUCT TYPE IN TENDER.  
SEATING TO COMPLY TO THE LATEST BRITISH AND EUROPEAN STANDARDS FOR STRENGTH, STABILITY AND DURABILITY.  
BENCHES TO MEET LEVEL 3 (EN 15373) FOR STRENGTH AND COMFORT AND BE FULLY DDA COMPLIANT.  
COMPLY TO THE RELEVANT SIZE MARKS OF EN1729  
ALL PRODUCTS TO MEET THE REQUIREMENTS OF 'SEVERE CONTRACT USE'.  
APPROVED TO BS EN 14073:PTS 2+3 & BS EN 14074 (OFFICE FURNITURE: TABLES AND DESKS AND STORAGE FURNITURE. TEST METHODS FOR THE DETERMINATION OF STRENGTH AND DURABILITY OF MOVING PARTS)  
ALL FURNITURE IS TO BE COMPLIANT WITH ALL RELEVANT BRITISH STANDARDS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:  
- BS 4875 - STRENGTH AND STABILITY OF OFFICE FURNITURE  
- BS 5459 - PERFORMANCE REQUIREMENTS OF OFFICE FURNITURE  
- BSEN 527 - DESIGN AND DIMENSIONS OF OFFICE FURNITURE  
- BS 6396 - ELECTRICAL REQUIREMENTS OF OFFICE FURNITURE  
- BSEN 9241 - ERGONOMICS OF DESIGN AND USE OF VISUAL DISPLAY TERMINALS (VDT'S) IN OFFICES  
- BS 6940:1:1980 - OFFICE FURNITURE. SPECIFICATION FOR DESIGN AND DIMENSIONS OF OFFICE WORKSTATIONS, DESKS, TABLES AND CHAIRS  
- DSEN 15373 - FURNITURE. STRENGTH, DURABILITY AND SAFETY  
REQUIREMENTS FOR NON-DOMESTIC SEATING  
- BS 7176 FOR THE RESISTANCE TO IGNITION OF UPHOLSTERED FURNITURE  
ALL FINISHES, FABRICS, UPHOLSTERY ARE TO BE SPECIFIED TO BE SUITABLE FOR PUBLIC AREAS IN RELATION TO FLAMMABILITY (BS 5852)  
OSB PANELS FIRE RETARDANT TREATMENT: ALL OSB PANELS TO BE TREATED WITH A CLASS 1 SURFACE SPREAD OF FLAME TREATMENT  
FURNITURE/JOINERY CONTRACTOR TO PROVIDE O & M MANUAL TO ALL FURNITURE/JOINERY TYPES



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**ELECTRICAL WORKS**  
FOR ALL ELECTRICAL WORKS WHERE POWER AND DATA ETC. IS REQUIRED TO BE INTEGRATED INTO THE WORKS, THE WORKS MUST BE CARRIED OUT BY AN APPROVED AND REGISTERED NIC EIC ELECTRICAL CONTRACTOR

**FABRICATION DRAWINGS**  
FULLY DETAILED FABRICATION DRAWINGS TO BE SUBMITTED FOR APPROVAL. FABRICATIONS TO INCLUDE:  
- OVERALL DIMENSIONS FOLLOWING FABRICATORS SITE SURVEY  
- TYPICAL JOINT DETAILS  
- TYPICAL INTERFACE DETAILS WITH WALLS, FLOORS & UPHOLSTERY  
- ALL FIXING DETAILS  
ALL FIXINGS TO BE CONCEALED. FABRICATOR TO PROPOSE FIXINGS FOR APPROVAL

**SAMPLES**  
FABRICATOR TO PROVIDE SAMPLES OF ALL FINISHES INCLUDING PLY WITH VENEER PLUG, TYPICAL JOINTS, FIXINGS AND IRONMONGERY

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B TENDER ISSUE 26/06/2019  
A Draft Tender Issue 14/06/2019  
Amendment Date  
Job/Drawing No Amendment  
BUGHOUSE GALLERY 1975/A/012 B  
WORLD MUSEUM, LIVERPOOL  
Scale 1:10 (1:20 @ A3)  
WORKBENCH ELEVATION DETAILS Date June 2019  
Drawn  
Do not scale All dimensions to be checked on site  
Original printed at A1