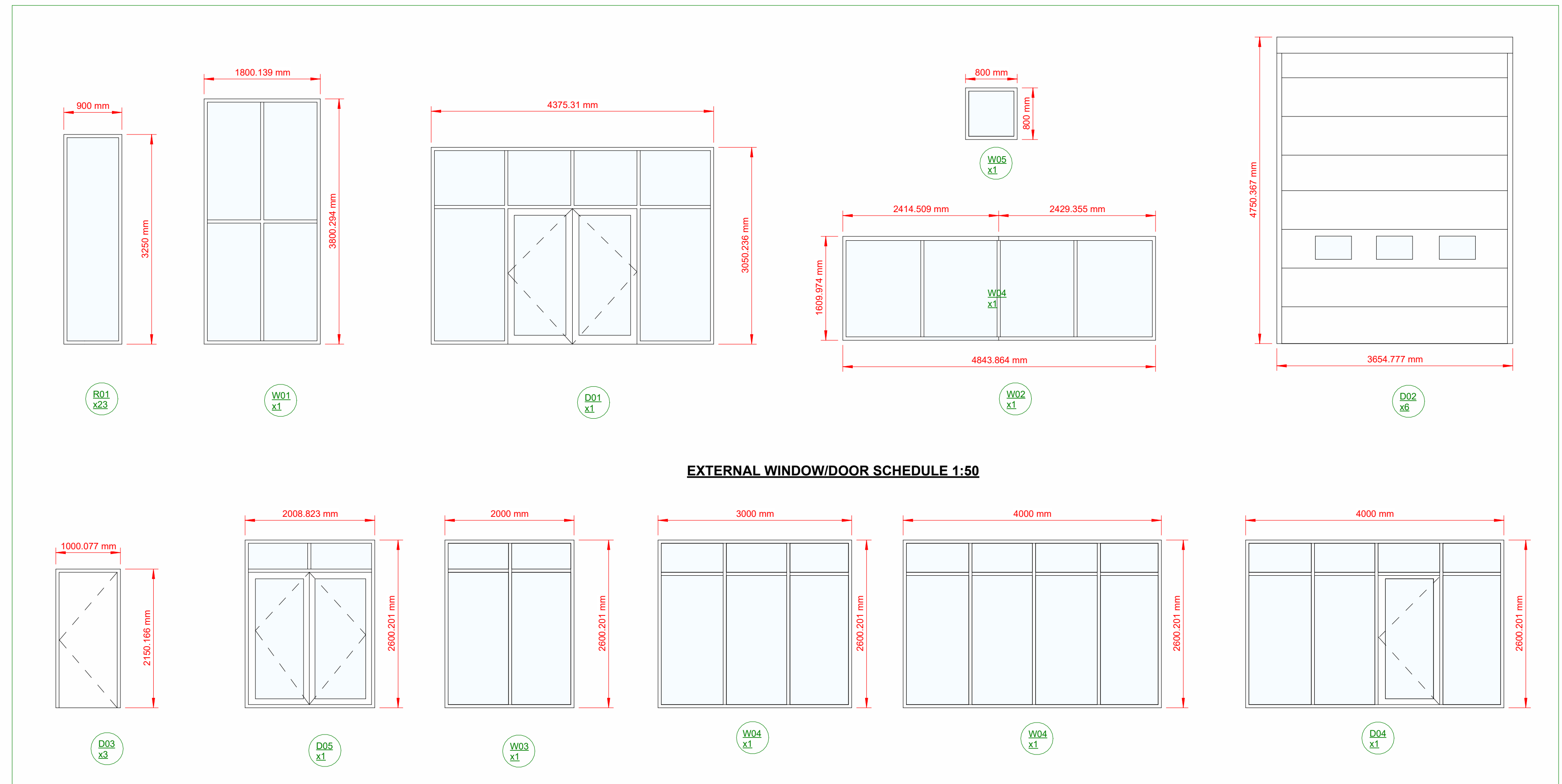


ROOF PLAN 1:200



3D View 10  
SCALE:



3D View 7  
SCALE:

**OUTLINE SPECIFICATION**

**ROSCOMMON CIVIL DEFENCE HEADQUARTERS AND ARCHIVE STORE**

FOUNDATIONS:- REINFORCED CONCRETE FOUNDATIONS TO ENGINEERS DESIGN AND SPECIFICATION. INDIVIDUAL GROUND CONDITIONS SHALL GOVERN TYPE AND SIZE OF FOUNDATIONS TO BE USED. SIZES INDICATED SHALL APPLY WHERE GOOD GROUND CONDITIONS OCCUR.

GROUND FLOOR:- 150MM POWERFLOATED CONCRETE SLAB, ON 150MM XTRATHERM HYFLOOR 150PT FLOOR INSULATION. 25MM TURNED UP AT EDGES ON PROPRIETARY RADON BARRIER LAID CONTINUOUS WITH ALL OPENINGS SEALED AND STEPPED ACROSS CAVITY ON 50 SAND BLINDING ON 225 MIN GRADED AND WELL COMPACTED LAYERS OF HARDWARE ALL TO ENGINEERS DESIGN/INSTRUCTION. ALLOW FOR PROVISION OF RADON SUMP PER 250 SQ M OF GROUND FLOOR AREA WITH ALL NECESSARY OUTLETS TO OUTSIDE AND CAPPED AS NECESSARY. ALLOW FOR ALL INTERNAL RISING WALLS TO HAVE OPENINGS TO ALLOW FILTRATION OF GAS THROUGH TO SUMP.

DAMP PROOF COURSES:- DPCS TO BE PROVIDED TO EACH LEAF OF THE EXTERNAL WALLS AT FLOOR LEVEL AND LAPPED AS NECESSARY WITH RADON BARRIER AND TO BE A MINIMUM OF 150MM ABOVE GROUND LEVEL. VERTICAL DPCS TO BE FITTED AT ALL OPE JAMBS WITH A STEPPED DPC OVER THE LINTOLS OF ALL OPES. DPC TRAY TO BE WRAPPED AROUND BACK, UNDER AND SIDES OF ALL CONCRETE WINDOW SILLS.

EXTERNAL WALLS:- ALLOW FOR CAVITY WALL CONSTRUCTION CONSISTING OF 215MM OUTER LEAF AND 100MM INNER BLOCK LEAF AND 150 CAVITY CONTAINING 150MM XTRATHERM FULL FILL CAVITYTHERM 150 PASSIVE PERFORMANCE BUILT IN CAVITY FILL. ALL CAVITY WALLS TO BE FIRE STOPPED AS NECESSARY AT OPES. ALL CAVITIES TO BE CLOSED AT TOP WITH A MINIMUM OF 300 WIDE CONC BLOCK CAVITY CLOSER. ALLOW FOR SS CAVITY WALL TIES 450 C/C VERTICALLY AND 750 C/C HORIZONTALLY WITH ADDITIONAL TIES AT OPES AND JAMBS. ALLOW FOR PRECAST CONC LINTOLS OVER ALL OPES AS REQUIRED OR STEELITE LINTOLS FOR LARGER SPANS. ALLOW FOR CORRECT DEPTH OF BLOCKWORK OVER HEADS OF OPES AS REQUIRED IF USING PRECAST LINTOLS OR ALTERNATIVELY, USE STEELITE LINTOLS, MIN 225 END BEARINGS.

FIRST FLOOR/UPPER FLOOR CONSTRUCTION:- TO CONSIST OF APPROVED 300MM HOLLOWCORE SLABS FITTED IN ACCORDANCE WITH MANUFACTURERS DESIGN AND BUILDING REGULATIONS AND SIZED TO STRUCTURAL ENGINEERS SPECIFICATIONS. CONCRETE SCREED POURED TO STRUCTURAL ENGINEERS SPECIFICATIONS.

ROOF PANELS:- KINGSPAN INSULATED ROOF PANEL SYSTEM FITTED IN ACCORDANCE WITH STRUCTURAL ENGINEERS SPECIFICATIONS. SYSTEM SPECIFICS SUBJECT TO BUDGETARY CONSTRAINTS. TO PROVIDE INSULATION, WATER TIGHTNESS, AIR TIGHTNESS.

DOORS/WINDOWS:- SELECTED TRIPLE GLAZED DOORS AND WINDOWS WITH LEVEL ACCESS AT ENTRANCE DOORS AND CLEAR SPACE 1200MM X 1200MM. MIN CLEAR WIDTH OF 775MM AT FRONT DOOR. WINDOWS WITH OPENING SECTION WITH A MINIMUM CLEAR OPENING WIDTH OF 850MM X 500MM AND THE BOTTOM OF THE OPENING SECTION TO BE AT A HEIGHT OF BETWEEN 800 AND 1100MM FROM FLOOR LEVEL. SELECTED INTERNAL DOORS WITH A MIN CLEAR WIDTH OF 775MM. MINIMUM CORRIDOR WIDTH OF BETWEEN 1100MM AND 1200MM.

PLASTERWORK:- EXTERNAL PLASTER TO BE 3:1 SAND/CEMENT SCUD COAT AND FLOAT AND FINISH COATS OF 1:3 SAND/CEMENT/LIME TOTAL THICKNESS 20MM KNAPPED PLASTER FINISH WITH RAISED PLASTER BANDING AS INDICATED. INTERNAL WET PLASTER FINISH TO CONCRETE BLOCKS ACTING AS AIRTIGHT LAYER AND SKIMMED IN HARDWALL PLASTER.

RAINWATER GOODS:- LINDAB OR SIMILAR APPROVED GUTTERS 150MM SQUARE ALUMINUM RAL COLOR TO MATCH THAT OF THE WINDOWS.

SANITATION NOTES:- ALL FOUL AND SURFACE WATER DRAINS TO BE 100 DIAM PVC LAID TO NECESSARY FALLS. ALL SANITARY FITTINGS CONNECTED TO A SINGLE STACK TO HAVE DEEP SEALED TRAPS FITTED TO THEM WITH ANTI-SYPHONAGE PIPE LOCATED 75-100MM DOWNSTREAM OF TRAPS. SINGLE STACK DRAINAGE SYSTEM DESIGNED IN ACCORDANCE WITH BS 5572:1978 CODE OF PRACTISE FOR SANITARY PIPEWORK. ACCESS PANELS TO BE PROVIDED TO ALL PIPEWORK DUCTS. BATHROOM LAYOUTS AND FINISHES ARE TO BE COORDINATED WITH SOAKS BATHROOMS.

VENTILATION:- MECHANICAL VENTILATION SYSTEM THROUGHOUT TO MECHANICAL ENGINEERS SPECIFICATIONS.

FIRE DETECTION:- FULL BUILDING TO COMPLY WITH THE REQUIREMENTS OF THE FIRE SAFETY CERTIFICATE APPLICATION AND CERTIFICATE. ALLOW FOR SMOKE/HEAT DETECTORS WITH BATTERY BACK UP TO BE FITTED AS NECESSARY ON ALL LEVELS.

ELECTRICAL:- ELECTRICAL LAYOUT TO BE DESIGNED AND INSTALLED BY A COMPETENT ELECTRICAL CONTRACTOR TO CURRENT GUIDELINES AND RECOMMENDATIONS. ALL ELECTRICAL LIGHT SWITCHES TO BE AT A HEIGHT OF BETWEEN 900MM AND 1200MM FROM FLOOR LEVEL. ELECTRICAL DESIGN TO M+E ENGINEERS SPECIFICATIONS.

FLASHING:- TO BE USED AT ALL ROOF VALLEYS, JUNCTIONS CAVITY WALL ABUTMENTS ETC. 5LB LEAD UNDER AND COVER FLASHINGS WITH STEPPED DPC CAVITY TRAYS AT ALL CAVITY WALL ABUTMENTS

HEATING:- GAS TO BE BROUGHT FROM THE MAINS TO THE PLANT ROOM ALONG WITH AN ON DEMAND GAS RECIRCULATING SYSTEM TO BE INSTALLED IN BOTH THE PLANT ROOM AND WATER TANK ON THE FIRST FLOOR. ALL GAS TO BE INSTALLED AND MANIPULATED BY REGISTERED GAS INSTALLER. ALTERNATIVE SOLUTIONS PREFERRED SUBJECT TO M+E DESIGN.

WATER:- WATER SYSTEM TO BE PRESSURIZED TO REGISTERED PLUMBERS SPECIFICATION.

ROLLER SHUTTER DOORS:- SERCHCHECK OR SIMILAR APPROVED TO BE AUTOMATIC, INSULATED, AND INCLUDE VISION PANELS.

FLOOR FINISHES:- AS PER FLOOR FINISHES DRAWINGS

WALL FINISHES:- AS PER WALL FINISHES DRAWINGS

JOINERY:- ALLOW FOR FITTED JOINERY AS INDICATED ON FLOOR PLANS USING LINEAR LENGTH FOR PRICING. CONSULT WITH ARCHITCT FOR FURTHER DETAILS ON JOINERY. SKIRTING, ARCHITRAVES, SADDLE BOARDS, WINDOW SILLS, DOOR SETS ALL TO BE OAK OR SIMILAR HARDWOOD TIMBER.

INTERNAL PARTITIONS:- GLAZED PARTITIONS PROVIDING SOUND/HEAT BARRIER

UPPER WALLS CLADDING:- KINGSPAN QUADCORE INSULATED KARRIER METAL STUD SYSTEM WITH CEDRAL CLADDING FIXED EXTERNALLY CL104 LIGHT OAK FIBRE CEMENT CLADDING.

STRUCTURE:- STRUCTURAL DESIGN TO STRUCTURAL ENGINEERS SPECIFICATIONS. ASYMETRICAL STEEL PORTAL FRAME WITH CONCRETE WALLS, HOLLOWCORE FIRST FLOOR.

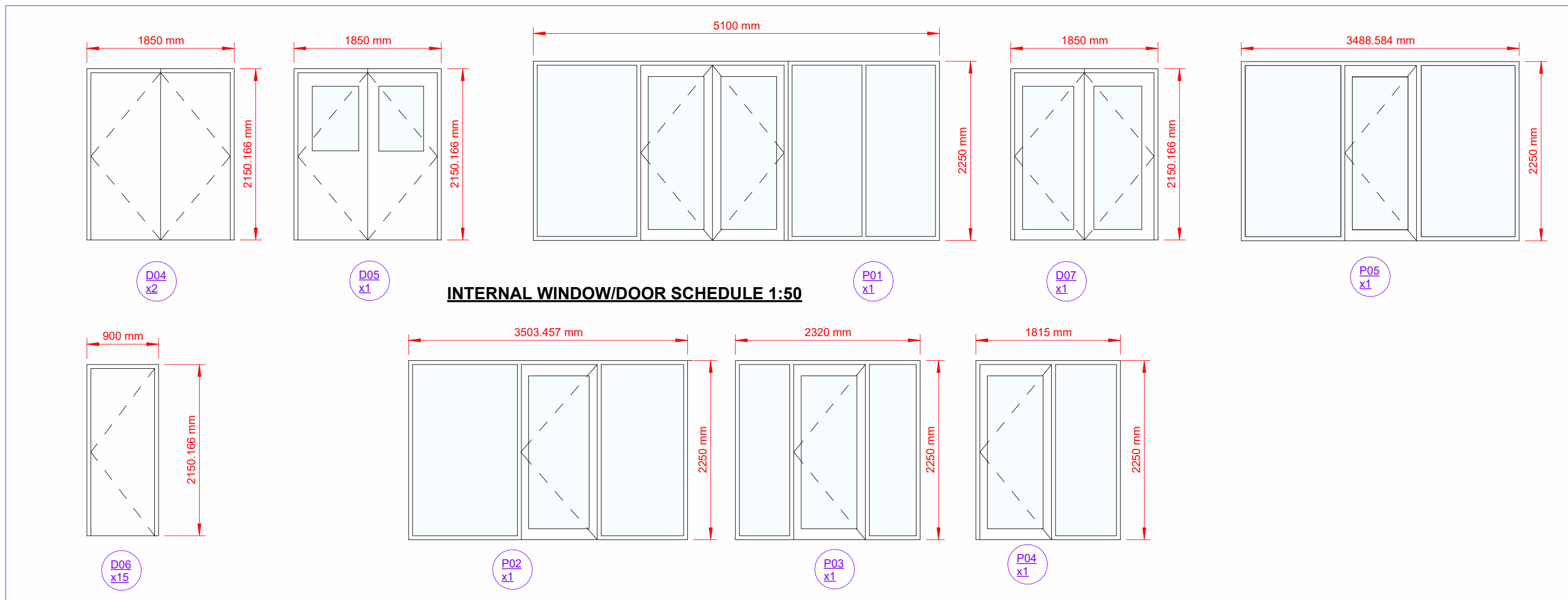
EMERGENCY APPLIANCE CHARGING SYSTEM SUSPENDED FROM CEILING:- TO M+E ENGINEERS SPECIFICATIONS.

ARCHIVE STORAGE:- MOST ITEMS BROUGHT FROM OLD ARCHIVES.

MAIN ARCHIVE STAIR FINISHES:- OPEN THREAD STEEL FRAME STAIRS, TACTILE INDICATORS AND STAIR NOSINGS WITH SUFFICIENT LUMINANCE CONTRAST. FORBO 18MM FINISH TO MATCH FLOORING. ALLOW FOR STEEL HANDRAIL 1200MM BY LOCAL FABRICATOR TO ARCHITECTS SPECIFICATIONS. TO COMPLY WITH TGD PART K.

FIRE STAIRS FINISHES:- CONCRETE STAIRS, TACTILE INDICATORS AND STAIR NOSINGS WITH SUFFICIENT LUMINANCE CONTRAST. STEEL HANDRAIL. TO COMPLY WITH TGD PART K.

THE ABOVE IS AN OUTLINE SPECIFICATION ONLY ALL MATERIALS AND WORKMANSHIP TO COMPLY WITH BUILDING REGULATIONS 1997 TO 2021 AND ALL RELEVANT CODES OF PRACTISE CHECK ALL DIMENSIONS ON SITE BEFORE CONSTRUCTION FIGURED DIMENSIONS ONLY TO BE USED



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  - All works shall be carried out in accordance with the current standards and specifications.
  - Client is obliged to forward a government notice to the local authority of plans to give prior to the commencement of any works on site.
  - Contractor is to be informed immediately of any discrepancies between drawings.

NOT FOR CONSTRUCTION

THIS DRAWING IS FOR  
Planning  
PURPOSES ONLY

Revisions

Rev	Date	Description	Issued by

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Drawing Title:  
PP - 00B Specifications + Schedules

Status: Pending  
Date: 18.06.2021  
Scale: As indicated  
Drawn by: Adam

JOB No. 20.229  
DES No. PP - 006  
REV.