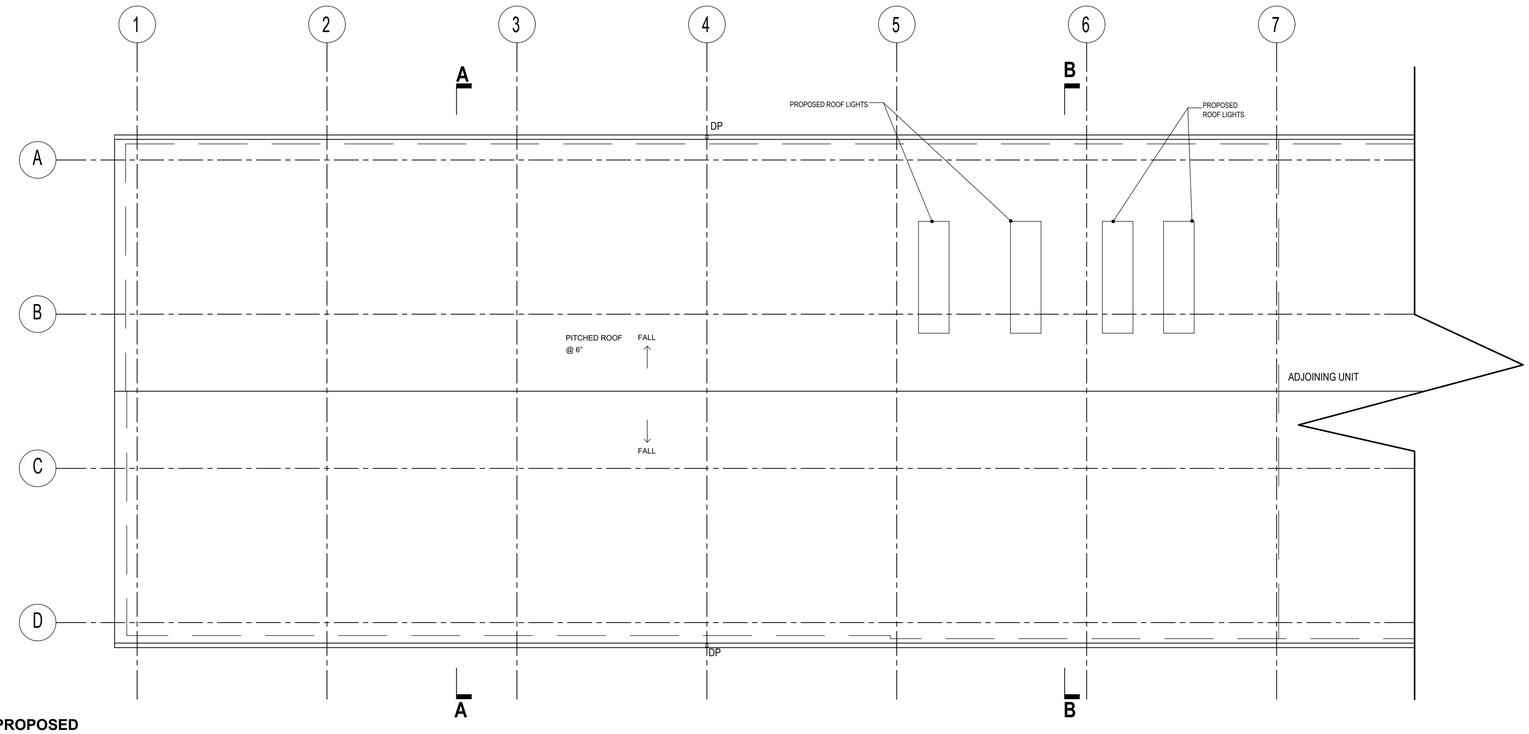
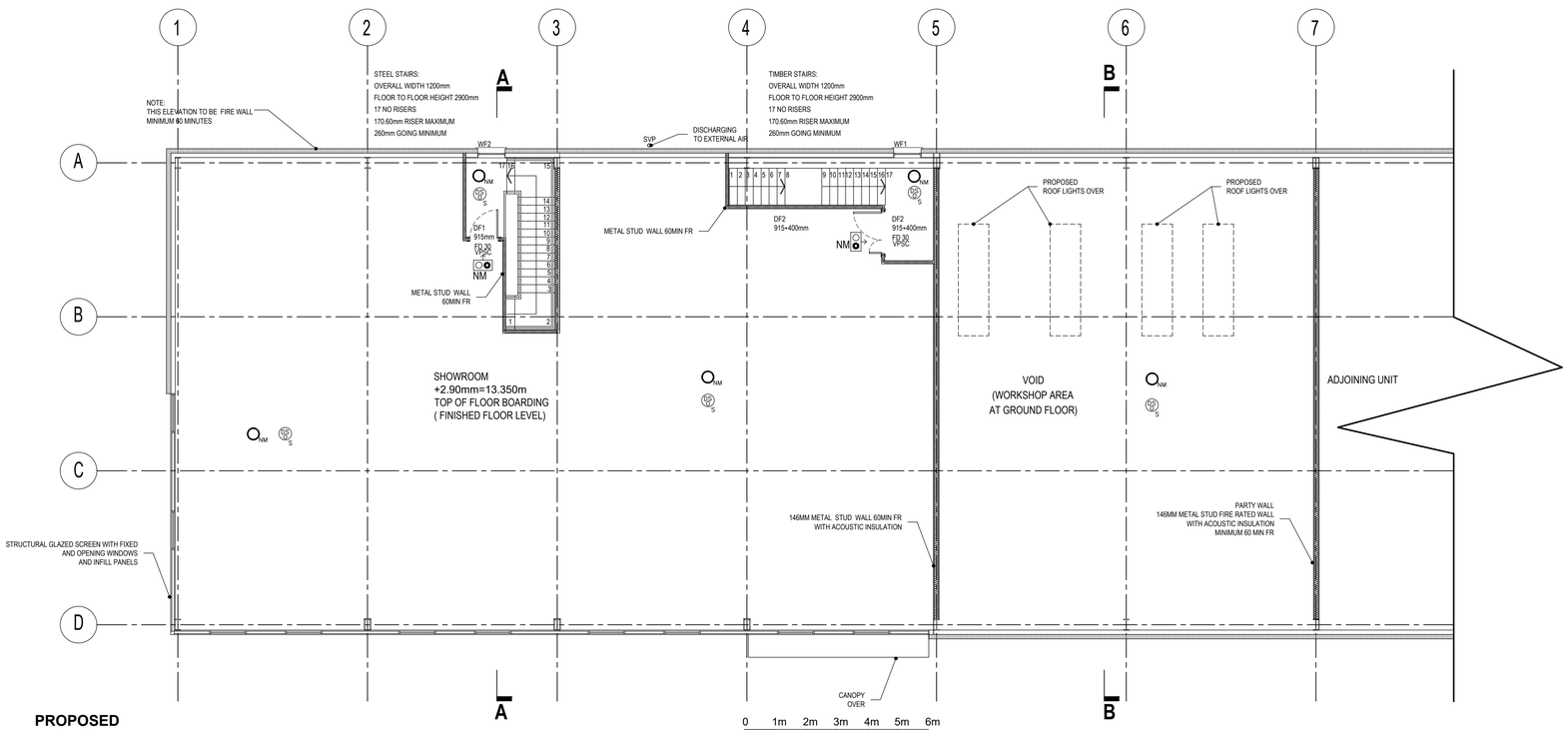
THIS DRAWING IS COPYRIGHT
Contractor must take site sizes




**PROPOSED**
ROOF PLAN
SCALE 1:100




**PROPOSED**
FIRST FLOOR PLAN
SCALE 1:100

**STRUCTURAL ENGINEER DESIGNED ELEMENTS - DOLMAN DRAWINGS TO BE READ IN CONJUNCTION WITH SEPARATE INFORMATION PROVIDED BY ENGINEER AND STEEL FRAME SUPPLIER GIVING DETAILS OF PROPOSED STRUCTURAL STEELWORK AND FOUNDATIONS ETC.**

**FIRE RATING OF STRUCTURAL STEEL:**

**TO ALL STRUCTURAL STEELWORK I.E. PORTAL FRAMES, WIND BRACING,DOOR CHANNELS, STANCHIONS AND BEAMS PROVIDE MESSRS ENVIROGRAPH PRIMER COAT AND TWO COATS OF : PRODUCT 83 EP/FS/INT PRIMER AND EP/FS/TCW x 2 TOP COATS TO ACHIEVE CLASS O 60 MINUTE FIRE RESISTANCE.**

**PROVIDE MANUFACTURER'S CERTIFICATE OF SUPPLY AND APPLICATION.**

**NOTE: COLD ROLLED (METSEC) SHEETING RAILS AND PURLINS, NO DECORATION REQUIRED.**

**COLOUR TO BE APPROVED BY THE CLIENT.**

INTERNAL METAL FRAMED PARTITION WALLS -

At ground floor where partitions extend from floor slab to underside of ceiling plasterboard , construction to comprise of 70mm Gypframe metal studs at max 600mm centres with one layer of 12.5mm Gyproc Wallboard to each side, insulated with 50mm of acoustic insulation, plaster skim finish at ground floor.

First floor partitions to be the same as ground floor.
**Note**
At GL3 and 7 where partitions extend from ground floor surface to underside of composite roof panels, construction to comprise of 146mm Gypframe metal studs at max 600mm centres with two layers of 12.5mm Gyproc Wallboard to each side, insulated with 140mm of acoustic insulation, plaster skim finish.
To achieve a combined 1hr FR and min 50dB sound insulation.

PRESERVATIVE TREATMENT -
All new structural and sawn timber used in the works is to be treated with approved preservative.
All ends cut on site are to be treated with preservative.

TIMBER GRADING -
All new structural and supporting timber used in the works is to be C16 grade unless noted otherwise and regularised.
Timber framing members (plates / studs etc.) to be regularised.

FIXINGS GENERALLY -
All new fixings used in the works are to be galvanised or of stainless steel.

SUSPENDED UPPER FLOOR (MEZZANINE) CONSTRUCTION -
To be confirmed by Structure Engineer and Steel Frame Supplier.
Provisionally:
Metsec joists with 38mm chipboard floor boarding capable of carrying min 2.5kN/m2 imposed load , GL 3 to GL 5 300mm of mineral wool insulation, 15mm soundblock plasterboard and skim ceiling.

WINDOWS -
Commercial aluminum fixed and opening light frame and casement units to sizes and arrangement as indicated, incorporating 28mm gas filled double glazed units with soft low-E coating and warm edge spacer bar, giving overall U value of 1.6 W/m2K maximum.
Installations to include integral weather / draught seals.
Each window to be fitted with trickle vent (min. 4000mm2 to each w/w and min. overall provision of 8000mm2 to any habitable room).
Glazing in risk areas as defined in Part N of Building Regulations to be toughened safety glass.

EXTERNAL PERSONNEL DOORS -
Metal proprietary units to sizes and arrangement as indicated.
Glazed main entrance door to incorporate 28mm gas filled double glazed units with soft low-E coating and warm edge spacer bar, giving overall U value of 1.6 W/m2K maximum.
Glazing in risk areas as defined in Part N of Building Regulations to be toughened safety glass.
Installations to include access thresholds (where levels suit) and integral weather / draught seals.

EXTERNAL ROLLER SHUTTER GOODS DOORS -

Electrically operated insulated metal proprietary sectional units to sizes and arrangement as indicated.
Overall U value of 1.3 W/m2K. maximum. ( to an unheated workship? TBC)
Installations to include access thresholds (where levels suit) and integral weather / draught seals.

INTERNAL DOORS -
type to be confirmed by Client.
DG11,DG15,DF1,DF2 to be fire doors minimum 30 minutes with vision panels, closures , intumescent and smoke seals.

**For further construction notes please refer to drawing 4010-01**

| Rev. | Date | | Init |
|---|---|---|---|
| F | 25.07.23 | AS BUILT ISSUE. | EK |
| E | 25.01.23 | GF BLOCKWORK REPLACED BY METAL STUD WALLS. DG12 SWING CHANGED IN TO LOBBY, 'ACCESS.' REMOVED FROM WC.<br>SOUND INSULATION REMOVED FROM CEILING GL 1- GL3 ONLY. THERMAL INSULATION TO GL3-GL5 TO BE 300MM MINERAL WOOL. DF2 TO BE DOUBLE DOOR. | EK |
| D | 19.01.23 | REVISED TO COMMENTS AFTER MEETING WITH CONTEMPO,CURTIS AND SALISBURY GLASS AT GAIGER'S OFFICE. FLOOR SLAB REVISED TO S.ENGINEER SPECIFICATION. | EK |
| C | 13.01.23 | REVISED TO GAIGER'S COMMENTS. | EK |
| B | 09.01.23 | PRELIMINARY BUILDING REGULATION NOTES PROVIDED | EK |
| A | 15.12.22 | REVISED TO CLIENT'S COMMENTS | EK |

TRAVEL DISTANCES - DESIGN ASSUMPTIONS -
SHOWROOM:
One Direction - 18m
Multiple Directions: 45m

Storage/Industrial (Normal Hazard):
One Direction - 25m
Multiple Directions: 45m

KEY TO SYMBOLS

- Optical smoke detector - with integral sounder
- NM — Illuminated directional fire exit sign - non maintained with 3hr battery back up
- NM — LED emergency lighting - non maintained with 3hr battery back up
- Call point
- D — Disable alarm
- IP — Indication Panel

CLIENT
CONTEMPO LTD

PROJECT
REINSTATEMENT OF FIRE DAMAGED BUILDING, CRUSADER PARK ROMAN WAY WARMINSTER

DRAWING
FIRST FLOOR AND ROOF PLANS

| DRAWN: | Date: | Scale: |
|---|---|---|
| EK | 08/12/2022 | 1:100 @ A1 |

Drawing number: **4010-02** Rev. F

**DOLMAN**
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