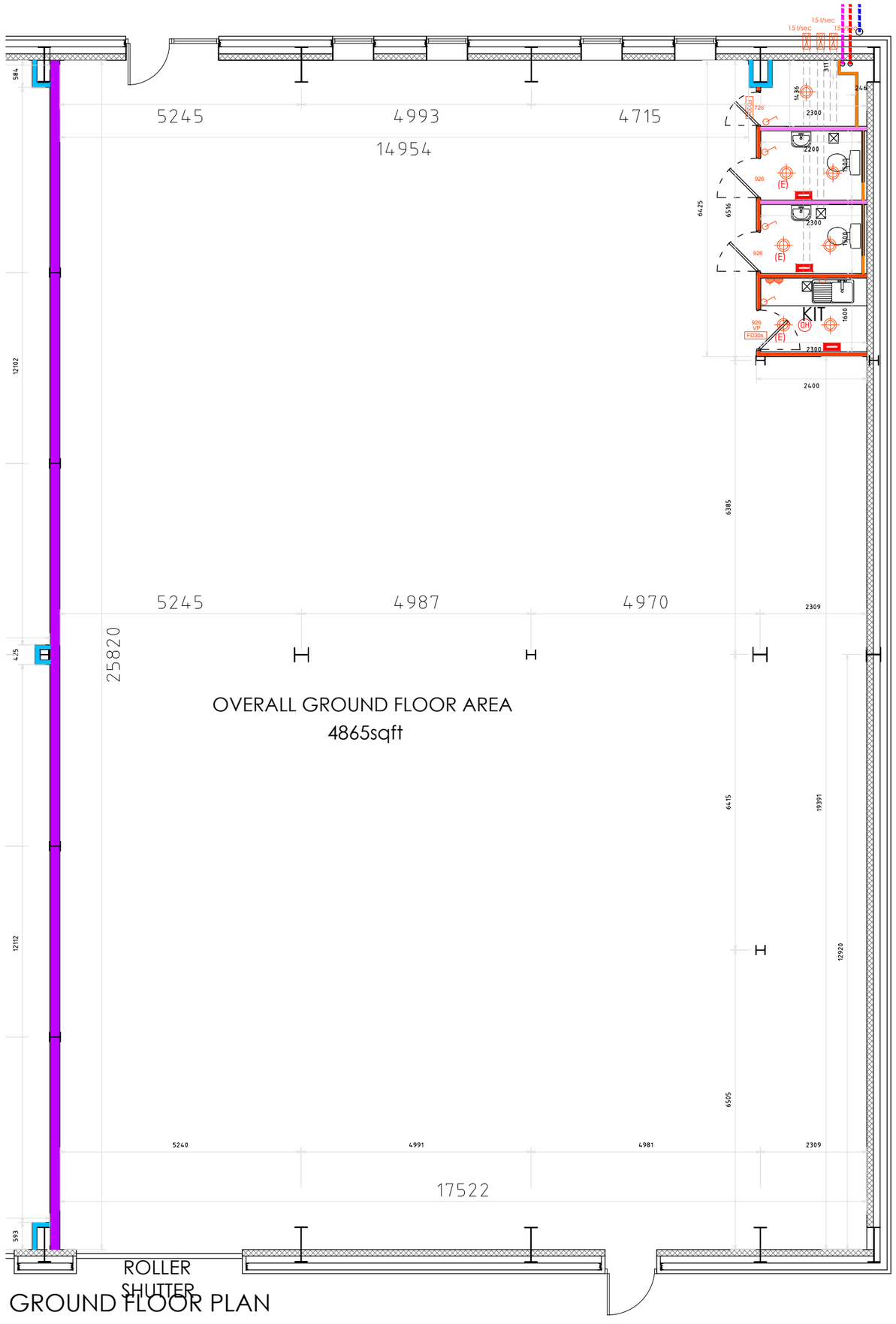

GROUND FLOOR PLAN

NOTES:

1: Any wall mounted sockets & switches are to be sited at a height between 450 - 1200mm above Finished Floor Level, in accordance with Diagram 29 of Part M of the current Building Regulations.

2: Provide smoke detection and alarm system in accordance with BS5389.

2: Provide mechanical ventilation to all Kitchens capable of extracting 60litres/sec. Fan to be provided with 15min overrun and operate via light switch.

3: Provide mechanical ventilation to all WC's capable of extracting 15 litres/sec. Fans to be provided with 15min overrun and operate via light switch.

4: Remaining areas to accommodate air conditioning in accordance with Building Regulations Approved Document F.

5: All design and installations shall be compliant with the requirements and recommendations of the following where applicable.

- The CIBSE Codes of Guides
- Water Supply Regulations
- The Gas Safety Regulations
- The IEE Regulations for Electrical Installations - BS7671
- Regulations under the Electricity Act
- The Health & Safety at Work Act
- The Building Regulations
- The Electricity at Work Act
- Requirements of the Fire Officer and Building Control Officer
- Construction (Design and Management) Regulations
- Manufacturers Recommendations
- Waste Electrical & Electronic Equipment (WEEE) Regulations 2006
- Fire Alarm System to comply with BS 5839-1:2002 Fire Detection & Alarm systems for buildings, Code of Practice for system design, installation commissioning & maintenance.

All other relevant British Standards Specification and Codes of Practice

KEY

- Facing Brickwork.
- 100mm Blockwork.
- 140mm Blockwork.
- 70mm Metal Stud acoustic lining with 2No layers 12.5mm Soundbloc
- 100mm Timber Stud wall with 75 x 50 timber studs with 12.5mm multiboard each side
- 130mm Jumbo Metal Stud wall construction with insulation to achieve U value of 0.18W/m2k
- 100mm Timber Stud wall with 12.5m plywood lining
- 50 x 50 Stud wall with 12mm PlyWood Lining
- 130mm Timber Stud wall with 100 x 50 timber studs with 12.5mm multiboard each side
- SVP — 110mm SVP.
- s/s — 110mm Soil Stack fitted with air admittance valve.
- Timber stud false wall to hide waste pipework
- EXIT / FD30s — Wall mounted emergency lighting with battery backup; Certified 30 minute fire resisting doorset with intumescent strips and overhead door closer.
- VP — Vision panel
- 600 x 600 ceiling access hatch
- LED flourescent tube light fitting secured to Gyproc MF suspended ceiling with 12.5mm plasterboard and skim.
- PIR — Movement sensor initiating adjacent lighting.
- LED light fitting secured to Gyproc MF suspended ceiling with 12.5mm plasterboard and skim. (E) - Emergency Type Fitting
- Cat 2 recessed modular LED light fitting within suspended ceiling grid
- (E) — Exterior Emergency Bulkhead light fitting
- Exterior 50 WATT LED light fitting
- Warehouse lights
- SD — Smoke detector
- HD — Heat detector
- Elec Panel Heater 2.5Kw ref:SSH18A - 788mm long
- 726 — 726mm wide x 2040mm high internal doors
- 826 — 826mm wide x 2040mm high internal doors
- 926 — 926mm wide x 2040mm high internal doors
- VP — Doors to accommodate Vision Panels

STRUCTURAL ENGINEER

Structural engineer to provide calculations to justify overall stability, lintel duties, foundation design and requirements for expansion joints.

UNDERGROUND DRAINAGE

Before starting work, check invert levels & positions of existing drains & chambers. Protect existing live drains and maintain normal flows during construction. Connect new SVP's to new below ground drainage connecting into existing system as shown on Civil Engineers drawings.
New drainage to be bedded on recommended granular material & backfilled with same, unless pipe is within 300mm of the underside of the floor slab where it is to be surrounded with min. 150mm insitu concrete. New drainage passing below or within 1metre of the foundations is to be surrounded in concrete up to the level of the u/s of the foundation..
Where drainage penetrates external wall/found allow for 'rocker pipe' flexible pipe junction with concrete lintol above, seal around pipe with mesh to prevent vermin ingress.

STAIRCASE

Private timber staircase with 1100mm high balustrade to 1st floor and handrail 900mm above stair pitch to flights. Max rise to be 220mm - Min going to be 250mm.

INTERNAL DRAINAGE

Washbasings to have 32mm dia waste with minimum 75mm deep seal anti-syphon traps. Sinks to have 40mm dia waste with minimum 75mm deep seal anti-syphon traps. Baths to have 50mm dia waste with minimum 50mm deep seal anti-syphon traps. WC's to have 100mm dia waste with minimum 50mm deep seal anti-syphon traps.

INTERMEDIATE FLOORS

22mm moisture resistant type P5 chipboard flooring on 300 mm deep V2-8 Eco Joists (47x97 top and bottom timbers) at 400mm centres. Layout design drawings to be prepared by the specialist floor joist supplier and indicate all necessary strutting, stair trimming, doubling up under partition walls etc. Floor joists to be built into block walls. Provide 12.5mm Gyproc Wallboard TEN to ceilings with skim for paint decoration.100mm Mineral Wool Insulation (min. density 10kg/m3) between floor joists. Provide 30x5x1100mm long galvanised mild steel lateral restraint straps at 1.5m centres.

STAIRCASE TO COMPLY WITH APPROVED DOCUMENTS PARTS K & M OF THE CURRENT BUILDING REGULATIONS.

GENERAL NOTES:

HANDRAILS TO BE CONTINUOUS & PROVIDED TO BOTH SIDES OF THE STAIR. HANDRAIL SHOULD BE TURNED DOWN OR TURNED INTO THE WALL AT TERMINATION AND BE CONSTRUCTED OF A MATERIAL THAT WILL NOT SIGNIFICANTLY RETAIN HEAT OR COLD AND BE A SMOOTH MATERIAL THAT IS COMFORTABLE TO GRIP. HANDRAIL SHOULD WERE POSSIBLE PROTRUDE 300mm BEYOND TOP AND BOTTOM STEPS THE HANDRAIL WILL BE FINISHED TO CONTRAST IN COLOUR AND LUMINANCE WITH ITS SURROUNDINGS.
ALL STEPS TO HAVE THE SAME RISE AND GOING BETWEEN FLOORS WITH THE FLIGHT INCORPORATING A LANDING THAT IS TO BE NO LESS THAN THE WIDTH OF THE STAIR.
HANDRAILS TO BE PROVIDED AT 900mm ABOVE STAIR ON FLIGHTS AND 1100mm ABOVE LANDINGS.
HANDRAIL TO HAVE 60mm CLEARANCE FROM ADJACENT WALL SURFACE.
A 100mm SPHERE SHOULD NOT PASS THROUGH ANY OPENING ON THE STAIR INCLUDING ITS BALLUSTRADING.
ENSURE MINIMUM 2000mm CLEAR HEADROOM TO ANY PART OF THE STAIR
ENSURE MIN 400mm CLEAR SPACE BETWEEN THE LEADING EDGE OF ANY DOOR AND ANY STEP ON A LANDING.
ENSURE THE STAIR RISERS HAVE DISTINGUISHABLE NOSINGS

SPECIFIC INFORMATION:

STAIRS & LANDINGS TO BE CONSTRUCTED FROM STEEL TO FABRICATORS DETAILS.
FLOOR TO FLOOR HEIGHT = 3330mm
PROVIDE 20No RISES AT 166.5mm - GOINGS TO BE 250mm
LANDING SUPPORT POSTS AND BASE PLATE CONNECTIONS TO EXISTING SLAB BY FABRICATOR IF REQUIRED.
STYLE OF BALUSTRADE AND HANDRAILS TO BE AGREED WITH CLIENT BEFORE MANUFACTURE.

ALL DIMENSIONS ARE APPROXIMATE. THE CONTRACTOR IS TO VERIFY ALL CRITICAL DIMENSIONS ON SITE AND MAKE ADJUSTMENTS AS NECESSARY

CONTRACTOR TO ALLOW FOR ALL OTHER NECESSARY ELECTRICAL ITEMS SUCH AS FUSED SPURS, COOKER CONTROL UNITS, EXTRACTOR FANS etc NOT INDICATED

ALL UNITS LIGHTING TO BE THE FOLLOWING LEVELS TO ELECTRIC CONTRACTORS DESIGN:
MIN 300 LUX

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sjd ARCHITECTS

HAZARDS:

1. Live Services adjacent site.
2. Excavations - Ground Collapse
3. Handling major components
4. Working at height - Falling
5. Machinery & Equipment
6. Ensure all blockwork has a minimum crushing strength of 3.5N/mm²
7. The weight of each block must not exceed 20Kg

REV DATE DETAILS
REVISIONS:

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CLIENT:
MANDALE COMMERCIAL LTD

PROJECT:
LG PHILLIPS PHASE 2

DRAWING TITLE:
BLOCK 7 - UNIT G
PROPOSED FLOOR PLAN

PURPOSE OF ISSUE:
INFORMATION

SCALE: 1:50@A1 1:100@A3

DATE: JUNE 16 DRAWN:sjd. DRG REVISION:

DRAWING NO: 648-06-2052 .