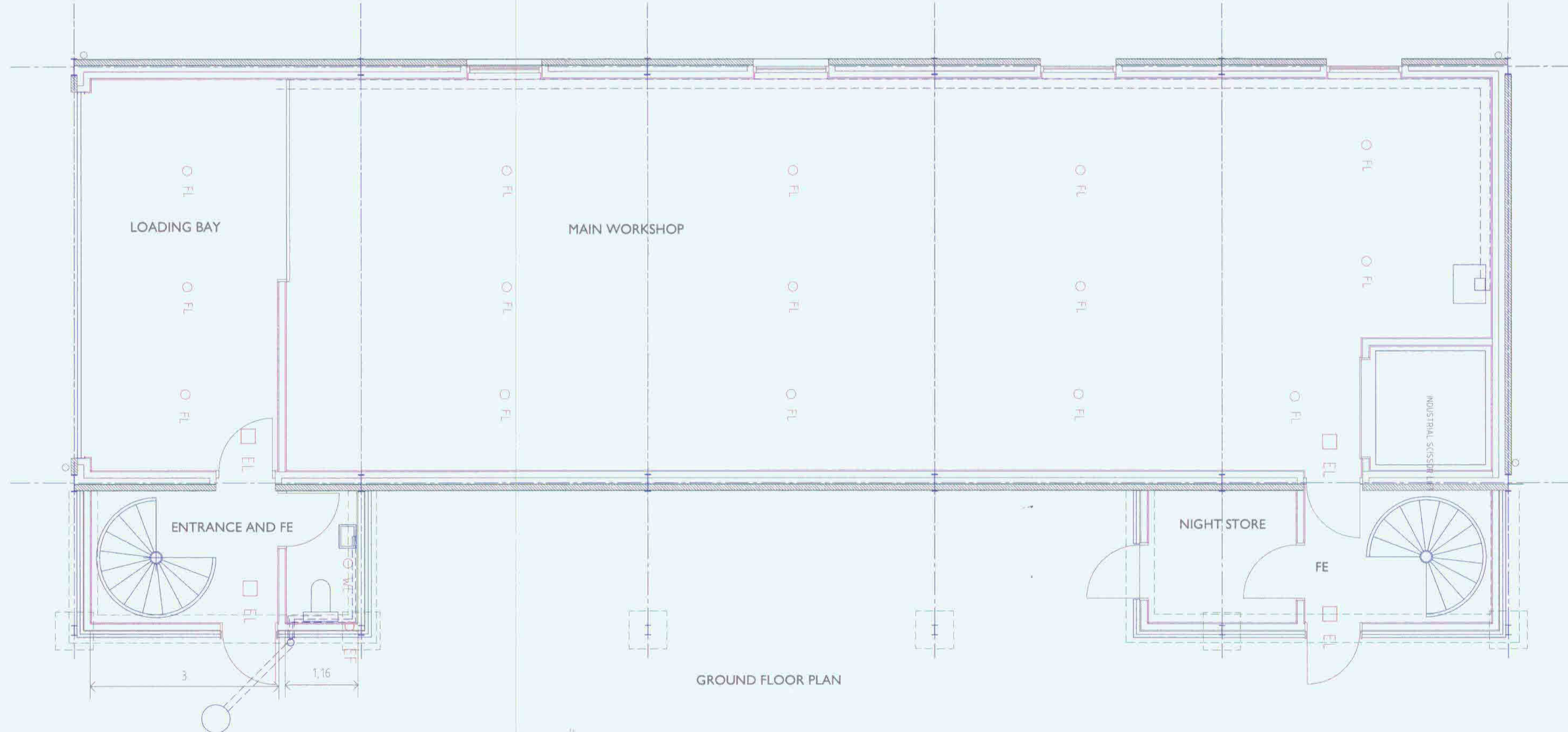


EXTERNAL DRAINAGE
 ALL DRAINAGE TO BE CARRIED OUT IN 100 MM DIA HEPWORTH SUPERSLEVE UNDERGROUND DRAINAGE PIPEWORK LAID IN PREPARED TRENCHES TO 1-40 FALLS AND BACKFILLED WITH SELECTED AS DUG MATERIAL.
 MANHOLES TO BE 450 DIA PVC INSPECTION CHAMBERS TO MAX DEPTH OF 900MM FITTED WITH MEDIUM DUTY COVERS OR HEAVY DUTY COVER IN DRIVEWAY. FOUL DRAINS TO BE CONNECTED TO DISCONNECTING MANHOLE AT SITE.
 KILGASTER 500 LITRE SEPTIC TANK WITH OUTFALL TO SOAKAWAY AS DETAILED. TANK TO BE EMPTED ANNUALLY.
 SURFACE WATER DRAINAGE IN PIPEWORK AS ABOVE TO NEOPRENE LINED HOLDING POND 150MM DEEP MAX WITH PEBBLE OVERLAY AND OUTFALL TO FIELD SOAKAWAY SYSTEM.

INTERNAL DRAINAGE
 ALL INTERNAL DRAINAGE TO BE CARRIED OUT IN 100, 50 AND 32MM DIA PVC WASTE PIPES WITH DEEP SEAL ANTI SYPHON TRAPS.
 WCS 100 MM DIA
 BATHS 50MM DIA
 SINKS 50MM DIA
 SHOWERS 50MM DIA
 WHBS 12MM DIA
 PATHWAYS AROUND EXTERNAL WALLS TO BE 50MM ROLLED FREE DRAINING GRAVEL ON 50MM WHIN DUST ON 100MM COMPACTED HARDCORE 1200MM WIDE MINIMUM.

- CCU COOKER CONTROL UNIT
- TV TV POINT
- BT BT POINT
- SW SWITCH
- ⊖ 2 TWIN SOCKET OUTLET
- FL 1.5 M LONG DAYLIGHT FLOURESCENT
- WL WALL LIGHT
- PL PENDANT LIGHT
- EXL EXTERNAL LIGHT
- FL FLOOR LIGHT
- SD MAINS POWERED INTERCONNECTED SMOKE DETECTOR
- EF WALL MOUNTED EXTRACT FAN
- EL ILLUMINATED BATTERY MAINTAINED FIRE EXIT SIGN
- ERL BATTERY MAINTAINED EXIT ROUTE LIGHT

ELECTRICAL INSTALLATION
 ALL ELECTRICAL WORK TO BE CARRIED OUT TO BS 7671. WIRING TO BE INSTALLED IN TWIN AND EARTH SUITABLY SIZED PVC CABLES AND ALL CIRCUITS TO BE PROTECTED WITH CIRCUIT BREAKERS AND PROTECTIVE MULTIPLE EARTHING TO SCOTTISH POWER APPROVAL.



GROUND FLOOR PLAN
 SCALE 1-50
 DATE 12 12 2005

CONSTRUCTION NOTES
 EXISTING BUILDING
 CAREFULLY REMOVE EXISTING CORRUGATED STEEL CLADDING TO WALLS AND ASBESTOS CEMENT CLADDING TO ROOF ALL IN ACCORDANCE WITH HEALTH AND SAFETY EXECUTIVE COM REGULATIONS.
 EXISTING BLOCKWORK WALLS TO BE MADE GOOD AND RETAINED.
 EXISTING STONE OUTBUILDING TO BE REMOVED AND SITE CLEARED.
 EXISTING CONCRETE FLOOR TO BE BROKEN UP AND FLOOR AREA REDUCED TO NEW FORMATION LEVEL.
 EXISTING COLUMN AND WALL FOUNDATIONS TO BE EXAMINED AND MADE GOOD/IMPROVED AS DIRECTED BY STRUCTURAL ENGINEER.

NEW WORKS
 FOUNDATIONS AND UNDERBUILDING
 FORM NEW 450 X 150 TH INSITU CONC FOUNDATIONS TO UNDERBUILDING WHERE SHOWN IN PREPARED TRENCHES AT LEAST 600 FROM FGL. FORM NEW INSITU CONC PAD FOUNDATIONS 600 X 600 X 600 DEEP IN PREPARED HOLES FOR NEW STEEL STRUCTURE.
 CONSTRUCT UNDERBUILDING TO NEW EXTENSION WALLS IN 150MM DENSE CONC BLOCKWORK TO DPC LEVEL 150 FROM FGL. FORM NEW INSITU CONC FLOOR SLAB 150MM TH IN SECTIONS NO GREATER THAN 15 50 M WITH STEEL FLOATED GRANULITIC FINISH AND CRACK CONTROL STEEL MESH TO ENGINEERS SPEC ON 90MM TH KINGSPAN KQUL THERM UNDERFLOOR INSULATION SLAB ON 2000 GAUGE POLYETHENE DPM ON 250MM BLINDED HARDCORE FILL SUPERSTRUCTURE.
 EXISTING BUILDING
 FORM NEW INNER WALLS IN 150 X 50 TIMBER STUDDING AT 400 C-C LINED INTERNALLY WITH 13MM GYPGLASS WALL BOARDS SCREW FIXED WITH 150MM ROCKWOOL THERMAL INSULATION TO ALL VOIDS. NOTE GROUND FLOOR OUTER LEAF TO BE EXISTING BLOCKWORK AND FIRST FLOOR OUTER LEAF TO BE SINGLE SKIN PROFILED STEEL CLADDING FIXED TO 50 X 50 TREATED TIMBER BATTENS FIXED TO 100MM OSB BOARD LINED WITH TYVEC TIMBER FRAME SHEATHING WITH 50 X 50 TIMBER FIRESTOPS ALL ROUND BASE AND WALLHEAD AND AROUND ALL WINDOW AND DOOR OPENINGS. WALLS TO EXTENSION TO BE AS FIRST FLOOR WALL CONSTRUCTION. STEEL FRAME TO EXTENSION TO BE AS DESIGNED AND SPECIFIED BY STRUCTURAL ENGINEER.
 FIRST FLOOR
 NEW STEEL BEAMS TO BE FIXED BETWEEN EXISTING PORTAL FRAMES AT LEVEL SHOWN AND FLOOR FORMED IN STEEL HOLDING STRUCTURAL STEEL AND COMPOSITE INSITU CONC FLOORING.
 NOTE FLOOR TO EXTENSION IE CORRIDOR AND STAIR TOWERS TO BE 175 X 50 TIMBERS AT 450 C-C SPANNING FROM MS CHANNEL TO OUTER EDGE AND TO 150 X 50 BEARERS ON EXISTING CONCRETE BLOCKWORK TO INSIDE CLAD WITH 25MM TH WEYBROCK TG FLOORING. VOIDS FILLED WITH 150MM TH ROCKWOOL THERMAL INSULATION AND UNDERDRAWN TO EXPOSED AREAS WITH 15MM TH EXTERNAL GRADE PLYWOOD LINING. CEILING TO ENCLOSED AREAS TO BE 12 5MM TH GYPGLASS.
 FIRST FLOOR PARTITIONS TO BE 100MM GYPROC METAL STUD SYSTEM LINED WITH 12 5MM GYPGLASS SCREWED TO BOTH SIDES.
 ALL DOORS TO BE 1981 X 938 SOLID CORE PLYWOOD FACED.
 FIRE ESCAPE AND ACCESS STAIRCASES TO BE CONSTRUCTED IN MILD STEEL BY SPECIALIST CONTRACTOR TO BS CODE OF PRACTICE.
 STEEL SCISSOR TYPE ELECTRIC LIFT TO BE SUPPLIED AND INSTALLED BY SPECIALIST MANUFACTURER.
 WINDOWS
 ALL WINDOWS TO BE 1200 WIDE X 900 HIGH TIMBER FRAMED AND DOUBLE GLAZED TO UVALU OF 2.0 W/SH K.
 HEATING SYSTEM
 HEATING SYSTEM TO BE DUCTED HOT AIR SYSTEM FED FROM OIL FIRED BOILER AND HEAT EXCHANGER SITUATED ON GROUND FLOOR WITH GALVANISED STEEL BOX SECTION DUCTWORK TO SERVE EACH ROOM SPACE.

I CERTIFY THAT THIS IS ONE OF THE DRAWINGS REFERRED TO IN THE APPLICATION BY BORDER BARRALS LTD
 DATED
 SIGNED

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