

FIRE ALARM

- ADDRESSABLE FIRE ALARM PANEL
- FIXED HEAT DETECTOR
- OPTICAL SMOKE DETECTOR
- IONIZATION SMOKE DETECTOR
- OPTICAL SMOKE DETECTOR BASE WITH SOUNDER
- IONIZATION SMOKE DETECTOR BASE WITH SOUNDER BEACON
- OPTICAL SMOKE DETECTOR BASE WITH SOUNDER BEACON
- EXTERNAL ELECTRONIC WALL MOUNTED SOUNDER BEACON
- MANUAL CALL POINT
- 600x600 CAT 2 Lay in Mod c/w Emergency Facility
- 600x600 CAT 2 Lay in Mod
- 600x600 TPA Lay in Mod c/w Emergency Facility
- 600x600 TPA Lay in Mod
- 1500mm HF Fluorescent Light c/w Diffuser and Emergency Facility
- 28w 2D High frequency light and Emergency Facility
- Non-Maintained External Emergency light
- Maintained Exit Emergency light
- PIR sensor for lighting
- Cleaners sockets on separate ring @450mm to ctr
- Twin switched socket outlet @1067mm affl.
- Twin switched socket outlet within dado trunking
- Double back box for data point within dado trunking fronts, wiring and connection by others

NOTE:

- FLUSH JOINTS TO ALL INTERNAL WALLS AND PARTITIONS.**
- uPVC WINDOW LININGS.**
- ZIP-IN-LINE ES3 INSTANTANEOUS WATER HEATER TO ALL WASH HAND BASINS**
- 400mm DEEP 'WHITEROCK' SPLASHBACK' TO ALL SINKS, WASH HAND BASINS AND URINALS.**
- COLOURS:**
 External
 Main Body - RAL 9002 HAMLET (Flat plastisol)
 Fascia - 18 B 17 ALBATROSS (Flat plastisol)
 Roof - Firestone Black
 Doors - 18 B 17 ALBATROSS (Powder coated)
 Corners - RAL 9002 HAMLET (Gloss)
 Columns Covers - RAL 9002 HAMLET (Flat plastisol)
 Windows - White uPVC
 Rwpvs - WHITE
 Internal
 Walls - Cream Vinyl Plasterboard
 Suspended Ceiling - White
 Toilet Cubicles
 - Partitions and fittings - Icy Blue
 - Doors - Powder Blue
 Doors - Koto
 Door linings - White Gloss
 Door Protection/ Push Plates - Pigeon 18 C 35
 Window - White PVC pre-formed
 Skirt - White 2 part plastic
 Skirt to wet areas - Grey 100mm set-in
 Carpet to Rooms - Fern Blue 03004
 Carpet to Corridors/Links/Milling - Indigo Blue 03027
 Vinyl - Shade 9819805
- FLOOR COVERING, SITE LAID GRADUS FREWEAY SHEET CARPET TO ALL AREAS INDICATED.**
 COLOUR - FERN BLUE or INDIGO BLUE (As indicated on room)
 SITE LAID TARKETT SAFETRED SPECTRUM SHEET VINYL TO ALL AREAS INDICATED, COLOUR - SHADE
- SKIRTING - WHITE 2 PART PLASTIC SKIRTING TO WET AREAS - 100mm GREY SET-IN**

Notes
 STRUCTURAL CEILING HEIGHT - 2714mm (bottom of steel)
 SUSPENDED CEILING HEIGHT 2400mm

DOUBLE STOREY MODULAR BUILDING SYSTEM COMPRISING STEEL SPACE FRAME WITH INFILL TIMBER FRAMED INSULATED WALL & ROOF PANELS, DESIGNED TO ACCEPT A FIRST FLOOR AT A LATER DATE. BUILDING DESIGNED TO MEET THE REQUIREMENTS OF THE BUILDING REGULATIONS 2000.

EXTERNAL WALLS OF FLAT PLASTISOL COATED STEEL (ACHIEVING CLASS 'O' SPREAD OF FLAMES) BONDED TO 9mm WBP PLYWOOD SKIN GLUED & STAPLED TO 120x35mm (FIN) S.W. FRAMING AT 600mm CTS. SET OUT TO REDUCE COLD BRIDGING. VISQUEEN VAPOUR BARRIER BEHIND PLASTERBOARD. INSULATION OF 120mm SUPERGLASS 20kg CLADDING MATT WITH A MIN. CONDUCTIVITY OF 0.025W/mK. AVERAGE U-Value = 0.34 W/m²K

INTERNAL LINING OF CREAM VINYL FACED 15mm 'MEGADECO' PLASTERBOARD VAPOURCHECK, ACHIEVING ONE HOUR (NOM.) FIRE RESISTANCE IN-OUT AND CLASS '0' SURFACE SPREAD OF FLAMES. SOUND REDUCTION 45 (Rw) dB.

ACOUSTIC PARTITIONS
 SOUND REDUCING PARTITION INDICATED TO BE CONSTRUCTED AS PER LAFARGE INSTRUCTIONS COMPRISING 12.5mm TOUGHCHECK PLASTERBOARD WITH VINYL FACE OVER 15mm DB CHECK PLASTERBOARD BACKING LAYER MECHANICALLY FIXED EITHER SIDE OF 80 x 35mm (FIN) SOFTWOOD FRAMING @900mm CTS. 50mm INSULATION QUILT TO CAVITY (min. 19kg/m³), ACHIEVING AN AVERAGE OF 48 (Rw) dB, SOUND REDUCTION.

SOUND REDUCING PARTITION INDICATED TO BE CONSTRUCTED AS PER LAFARGE INSTRUCTIONS COMPRISING CREAM VINYL FACED 15mm DB CHECK PLASTERBOARD MECHANICALLY FIXED EITHER SIDE OF 80 x 35mm (FIN) SOFTWOOD FRAMING @600mm CTS. 50mm INSULATION QUILT TO CAVITY (min. 19kg/m³), ACHIEVING AN AVERAGE OF 45 (Rw) dB, SOUND REDUCTION.

ALL ACOUSTIC PARTITIONS TO BE CONTINUOUS UP TO THE UNDERSIDE OF THE PLASTERBOARD SOFFIT REDUCE TO FLANKING & ARE DESIGNED TO MORE THAN MEET THE REQUIREMENTS OF BUILDING BULLETIN 93.

FLOOR, 25mm PLYWOOD DECKING FIXED TO 50x45mm TREATED TIMBER BATTENS MECHANICALLY FIXED TO 145x55x15x2mm ITL STEEL FLOOR JOISTS @400mm CTS (305mm CTS TO 3.5 & 3.32m WIDE BAYS) WELDED TO 250mm DEEP LATTICE SKIDS. FLOOR INSULATED BY MEANS OF 2 LAYERS OF Y8S FOIL-TEC DOUBLE ALUMINIUM REFLECTIVE FOIL INSULATION LAID OVER AND DRAPED BETWEEN JOISTS WITH MINIMUM 50mm AIR GAP IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. AVERAGE U-Value = 0.22 W/m²K

ROOF OF 'FIRESTONE' SINGLE LAYER ROOF SYSTEM FULLY BONDED TO 11mm OSB ROOF DECK MECHANICALLY FIXED/ BONDED TO 100mm CELOTEX T33 RIGID PUR INSULATION MECHANICALLY FIXED DOWN TO STRUCTURAL 11mm OSB DECK ROOF DECK STAPLED TO 120x25mm S.W. FRAMINGS (DUAL FALL TO 9.8m BAYS, MONOPITCH TO 7.4m BAYS) FIXED TO 120 x 35mm SOFTWOOD TIMBER JOISTS @400mm CTS (305mm CTS TO 3.5 & 3.32m BAYS) FIXED TO PARALLEL LATTICED STEEL ROOF EDGE BEAMS. UNDER DRAWN WITH 12.5mm VAPOURCHECK, FIRELINE GYPSUM PLASTERBOARD, VISQUEEN VAPOUR BARRIER BEHIND PLASTERBOARD UPSTANDING BEAMS TO BE INSULATED. AVERAGE U-VALUE = 0.24 W/m²K

- CEILINGS TO COMPRISE OF 600 x 600mm ARMSTRONG FINE FISSURED SOUND REDUCING TILES WITHIN A WHITE EXPOSED SUSPENDED CEILING GRID SYSTEM (EXCEPT WET AREAS)
- CEILINGS TO COMPRISE OF 600 x 600mm ARMSTRONG BIOGRAD TILES WITHIN A WHITE EXPOSED SUSPENDED CEILING GRID SYSTEM TO ALL WET AREAS.

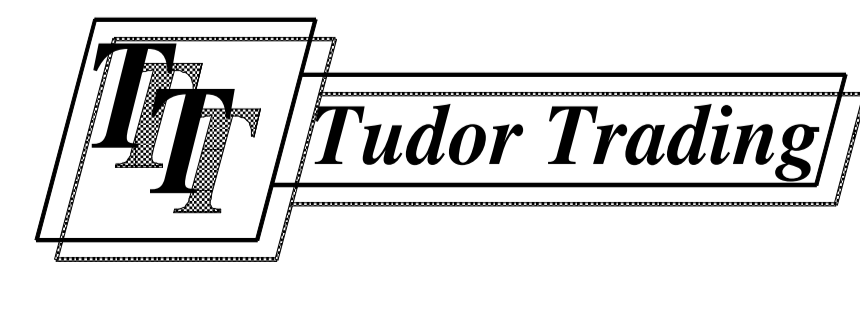
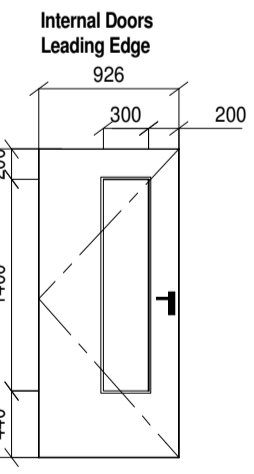
FASCIA, FLAT PLASTISOL COATED STEEL BONDED TO 9mm HARDWOOD FACED EXTERIOR GRADE PLYWOOD. RAINWATER TO DISCHARGE DIRECTLY OVER ROOF EDGE INTO PVC GUTTERS & SQUARE FALLPIPES TO DISCHARGE INTO GULLIES.

WINDOWS WHITE UPVC FRAMED, DOUBLE GLAZED, WITH 'PILKINGTON K' (LOW E) GLASS FITTED WITH LOCKING HANDLES, 6000mm² TRICKLE VENTS AND RESTRICTED FRICTION HINGES. AVERAGE U-Value = 1.9 W/m²K
 W1 - 1800 x 1100mm FULLY OPENING, CLEAR, GILL HEIGHT - 1000mm AFFL.
 W2 - 900 x 1100mm FULLY OPENING, CLEAR, GILL HEIGHT - 1000mm AFFL.
 W3 - 700 x 600mm FULLY OPENING, OBSCURE, GILL HEIGHT - 1500mm AFFL.
 W4 - 900 x 600mm FULLY OPENING, OBSCURE, GILL HEIGHT - 1500mm AFFL.
 W5 - 600 x 1100mm FULLY OPENING, CLEAR, GILL HEIGHT - 1000mm AFFL.

FIRE EXIT DOUBLE DOOR, 950x2100mm, POWDER COATED, PIVOT HINGE COMMERCIAL ALUMINIUM FRAMED DOOR, FITTED WITH PUSH BAR PANIC BOLT c/w INGRESS FACILITY, 'FIRE EXIT', 'PUSH BAR TO OPEN SIGNS ON INSIDE AND 'FIRE EXIT KEEP CLEAR' SIGN TO EXTERIOR. FULLY GLAZED WITH 2XGG STYLE VISION PANELS, GLAZED WITH LOW E LAMINATED DOUBLE GLAZED UNIT INTERNAL DOORS SOLID CORE BEECH-FITTED WITH RELEVANT (col. TBC) IRONMONGERY. SEE DOOR SCHEDULE.

INTERNAL DOORS SOLID CORE KOTO TO FITTED WITH RELEVANT IRONMONGERY. SEE DOOR SCHEDULE.

INTERNAL DOORS TO THE 48/45db PARTITIONING TO BE WELL FITTED SOLID CORE DOORS WITH ACOUSTICS SEALANT STRIP TO HEAD/ JAMBS TO ACHIEVE GREATER THAN 35 (Rw) dB SOUND REDUCTION.



The Contracts Office
 Gun Hill Trading Estate
 Ipswich Road, Dedham
 Colchester, Essex CO7 6HR
 Tel. 01206 322121
 Fax. 01206 322388

Client
 Title PROPOSED MODULAR TRAINING/OFFICES BUILDING - PLAN LAYOUT

Revisions	DRAWN	MAH
	SCALE	1:50
	DATE	07 / 02 / 11
	DRG. No.	Training 1