Floor Plan
1 : 50 / 88.6 sq.m / 38.46 sq.m

LOOSE FURNITURE SCHEDULE

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
<th>Quantity</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.1</td>
<td>Pinboard/Whiteboard 1200x1200</td>
<td>3</td>
<td>NB1</td>
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<tr>
<td>C.2</td>
<td>Student High Stool 660h</td>
<td>24</td>
<td>SC2</td>
</tr>
<tr>
<td>D.7</td>
<td>Student Project Table</td>
<td>1</td>
<td>TDA</td>
</tr>
<tr>
<td>S.1</td>
<td>Storage Press 900x450x1800 high</td>
<td>1</td>
<td>SP</td>
</tr>
<tr>
<td>S.2</td>
<td>Tray Storage System 3-bays 1800h</td>
<td>6</td>
<td>TS</td>
</tr>
<tr>
<td>S.3</td>
<td>Filing Cabinet 4 Drawer</td>
<td>1</td>
<td>FC</td>
</tr>
<tr>
<td>S.4</td>
<td>Storage Tray Trolley</td>
<td>1</td>
<td>TT</td>
</tr>
<tr>
<td>S.5</td>
<td>Storage Unit 450 x 600 x 700</td>
<td>2</td>
<td>SU</td>
</tr>
<tr>
<td>S.6</td>
<td>Tray Storage System x-80x1800</td>
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<td>TS</td>
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FIXED FURNITURE

<table>
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<tr>
<th>Key</th>
<th>Description</th>
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<tbody>
<tr>
<td>F.3</td>
<td>Storage Unit with Sliding doors</td>
<td>1</td>
<td>SUS</td>
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<tr>
<td>F.4</td>
<td>High Level Wall Storage 795x725x300d</td>
<td>3</td>
<td>WU</td>
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<tr>
<td>F.5</td>
<td>Island with Tray Storage System 1480x1200</td>
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<td>H</td>
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<tr>
<td>F.6</td>
<td>Work-top with base units, 2400x600x150</td>
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<td>SU</td>
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<tr>
<td>F.6.1</td>
<td>Work-top with base units, 4200x625x300</td>
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<td>BU</td>
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<tr>
<td>F.7</td>
<td>Work-top with base units, 2400x300x500</td>
<td>1</td>
<td>BU</td>
</tr>
<tr>
<td>F.8</td>
<td>Belfast sink 900x455 (H&amp;C supply)</td>
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<td>BS</td>
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<td>F.9</td>
<td>Student's Science Pedestal 700x700x1020(h)</td>
<td>5</td>
<td>SSP</td>
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<td>F.10</td>
<td>Student Pedestal (Accessible) with Science Sink</td>
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<td>ASP</td>
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<td>F.11</td>
<td>Fume cupboard 1000x840</td>
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<td>FS</td>
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<td>F.12</td>
<td>Teaching Wall Unit 5382 wide</td>
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<td>TWU</td>
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<td>S.7</td>
<td>Shelving Unit L-shaped 300 deep</td>
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SPECIALITY EQUIPMENT SCHEDULE

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<th>Key</th>
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<tr>
<td>SE.4</td>
<td>Dishwasher</td>
<td>1</td>
<td>DW</td>
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<tr>
<td>SE.5</td>
<td>Fridgefreezer 600x600x150 high</td>
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<td>FF</td>
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</tbody>
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Department of Education & Skills
Planning and Building Unit, Portlaoise Road, Tullamore, County Offaly, R35 Y2N5.
www.education.ie / www.energyineducation.ie
Elevation BB
1:50

Elevation DD
1:50

Elevation CC
1:50

Science Lab & Science Prep
Dwg. Title
Dwg. No.
Rev. No.
Date
Scale

INDICATIVE WINDOW ZONE
INDICATIVE WINDOW ZONE
INDICATIVE WINDOW ZONE

INDICATIVE RADIATOR ZONE
INDICATIVE RADIATOR ZONE

Department of Education & Skills
Planning and Building Unit, Portlaoise Road, Tullamore, County Offaly, R35 Y2N5.
www.education.ie / www.energyineducation.ie

8/9-3
1:50 @ A3
April '20
The preferred location for this room is above the ground floor, to allow servicing from the ceiling void below.
Science Lab & Science Prep

Internal Views

April '20
1. 20mm MDF top panel, painted or laminated (faces and edges).
2. Softwood framing rail.
3. 20mm MDF door, painted or laminated (faces and edges), on high quality steel hinges. Finger pull slot profile to the bottom edge.
5. 15mm MDF backing panel, painted.
6. 20mm MDF bottom panel, painted or laminated (faces and edges).
7. Softwood bearer.
8. Interactive T.V. or projector. The surface of the screen must be flush with front face of unit.
9. T.V. metal bracket, fixed to wall.
10. 20mm MDF top panel, painted or laminated (faces and edges).
11. 15mm MDF facing panel, painted or laminated (faces and edges).
12. 210mm long, 20mm Dia. stainless steel pull handle.
14. 20mm MDF door, painted or laminated (faces and edges), on high quality steel hinges, with high quality cylinder lock on master key system.
15. 20mm MDF shelf, painted or laminated (faces and edges), on adjustable studs.
16. Gap at back of unit to allow for service drops.
17. 15mm hardwood plinth, 120mm high (should match height of skirting).
19. 15mm MDF facing panel, painted or laminated (faces and edges).
20. Aluminum sliding door faced with white-board or notice board material (selected in consultation with the school) on heavy duty high quality sliding rail system, fitted with locking device, and rubber finger protectors.
21. Heavy duty, high quality adjustable shelving system.
22. 20mm MDF shelf, painted or laminated (faces and edges).
Laboratory tap, 800mm high, twin side outlet and single top outlet bib tap, brass body with anti-corrosive plastic coating to EN 13792, serrated nozzle outlets. Cold water supply.

32mm Worktop, solid iroko glulam or solid-core laminate that is chemical and heat resistant.

250x250x250mm Laboratory sink, heavy duty fireclay or cast epoxy resin. Waste to be acid resistant.

Twin gas outlet with lever control and serrated nozzle outlet with anti-rotation pin. Brass body with anti-corrosive plastic coating to EN 13792.

Polypropylene dilution recovery trap 2.3 litres, anti-siphon, emptied by unscrewing the base from trap, certified resistance to chemicals.

20mm Moisture resistant MDF with high pressure laminate grade HGS (EN 438), with high quality steel hinges, with high quality cylinder lock.

20mm Moisture resistant MDF with high pressure laminate grade HGS (EN 438), with 2mm laminate / PVC / hardwood to all edges.
40mm bull-nosed worktop, faced and edged in high pressure laminate grade HGS (EN 438). Balancing laminate to be provided in accordance with BS 4965. Core material to be high density chipboard to IS EN 312-3 type P3, class E1 formaldehyde content.

20 Laminate MDF frame supporting storage tray system

Plastic storage tray

Note: All laminated pieces to be formaldehyde free MDF with high pressure laminate grade HGS (EN 438).
4 No. rows 100x100 wall tiles or suitable splash-down material

40mm bull-nosed worktop faced and edged in high pressure laminate grade HGS (EN 438). Balancing laminate to be provided in accordance with BS 4965.

170x35mm "D" handles, 10mm dia., high quality, brushed stainless steel finish.

20mm laminated faces and edges MDF shelf.

20mm laminated faced and edged MDF door on high quality steel hinges with high quality cylinder lock on master key system.

Hardwood plinth size to coordinate with skirting height.

Laboratory sink, heavy duty fireclay or cast epoxy resin. Acid resistant waste.

20mm laminated faced and edged MDF end panel

Space to allow for dishwasher
Fixed laminated faced and edged MDF shelves. 4 No. rows on high quality robust shelf brackets at max. centres of 400mm. Each shelf must be capable of supporting a uniform distribution load of 225kg.

Space left to allow for ventilation
Twin gas outlet with lever control and serrated nozzle outlet with anti-rotation pin. Brass body with anti-corrosive plastic coating to EN 13792.

Height adjustable frame with manual winder. 220mm up and down movement. 60x60mm SHS posts, with 60x30mm RHS main horizontals and 30x30mm SHS frame. Welded lugs to fix worktop. Sliding over 50x50mm SHS posts welded to base plates bolted to floor. Contractor to ensure stability of pedestal unit in compliance with BS 5873. Detailed shop drawings together with sample of manual winder to be submitted for approval prior to manufacture.

Laboratory tap, 600mm high, twin side outlet and single top outlet bib tap, brass body with anti-corrosive plastic coating to EN 13792, serrated nozzle outlets. Cold water supply.

32mm Worktop, solid iroko glulam or solid core laminate that is chemical and heat resistant.

256x108x150mm Laboratory sink, drop-into cast epoxy resin. Waste to be acid resistant.

Polypropylene dilution recovery trap 2.3 litres, anti-siphon, emptied by unscrewing the base from trap, certified resistance to chemicals.

100x38mm Softwood timber studs.

Height adjustable frame with manual winder. 220mm up and down movement. 60x60mm SHS posts, with 60x30mm RHS main horizontals and 30x30mm SHS frame. Welded lugs to fix worktop. Sliding over 50x50mm SHS posts welded to base plates bolted to floor. Contractor to ensure stability of pedestal unit in compliance with BS 5873. Detailed shop drawings together with sample of manual winder to be submitted for approval prior to manufacture.