

Proposed Temporary Single Mobile Classroom
Mayfield CE Primary School,
Fletching Street,
Mayfield
TN20 6TA



Design and Access Statement – Planning

Prepared by

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For



Design and Access Statement (Including Waste Minimisation Statement)

for

Proposed Temporary Single Mobile Classroom

at

**Mayfield CE Primary School
Mayfield**

Any queries about this Document should be addressed to

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01 DESIGN

Parties:

Client: Children's Services Department - East Sussex County Council
User Group: Mayfield C of E Primary School, Fletching Street, Mayfield TN20 6TA

01.1 General Description

Context

Mayfield C of E Primary School is located in the eastern district of Mayfield Village at the north side of the junction of Fletching Street and Tunbridge Wells Road Mayfield and is bordered to the, east and north by residential properties as can be seen on the aerial view below:



Aerial View of School Location



Location for the Additional Single Mobile Classroom

The Site

This location for the temporary Mobile Classroom within the Mayfield CE Primary School campus, currently in an area occupied by an octagonal timber shelter, which be repositioned to the south of the main playground. This was selected as the only potential space available, and was close to the main school building and other existing Reception Class Mobile Classroom.

Vehicular access is to the School car park off the Tunbridge Wells Road to the north side of the School and the main pedestrian access to the School is from Fletching Street, which is on the southern boundary of the school.

Project Use

The proposal is to provide a new single mobile classroom on site at Mayfield CE Primary School.

When the Council identifies a need for additional school places there are two means by which these can be provided; through temporary or permanent accommodation. Where pupil growth is identified as a short-term issue, a 'bulge' in pupil numbers, the Council will use temporary accommodation to ensure it can react quickly to provide additional places in areas of pressure. Using temporary accommodation is a recognised way of providing additional places in the short term and it provides a valuable and flexible resource to enable the Council to fulfil its obligations.

Where pupil growth is forecast to continue over a longer period of time the Council will consider providing additional permanent accommodation, subject to compliance with statutory processes and capital funding being available.

As indicated in the Education Commissioning Plan 2014-2018, available on the Council's website at: <http://www.eastsussex.gov.uk/educationandlearning/management/download.htm>, Mayfield CE Primary School has been over-subscribed for a number of years. In 2014/15 the school admitted 28 Reception year children against a Published Admission Number (PAN) of 20 and pupil forecasts suggest that this could be repeated in future years.

As a result, the Council has identified a need to provide temporary accommodation at Mayfield CE Primary School to support the fact the school is over capacity. The proposed single mobile classroom would provide sufficient accommodation to house the larger cohorts at the school and enable the school to increase its PAN from 20 to 30 with effect from 2015/16. The Council believes this would address the need for places in the Mayfield area for the foreseeable future.

To support the provision of school places in the area and the journey of each child through the school from Reception year to Year 6, the Council is seeking planning consent for a period of 7 years (August 2022).

Existing Teaching Numbers (FTE)	Proposed Teaching Numbers (FTE)	Existing Pupil Numbers	Proposed Pupil Numbers
		168	180

Site Area 3,962m²

01.2 Amount

The Temporary Classroom Building will comprise of one 3-bay double mobile building, 73m² and 3.5m in height.

01.3 Layout

The proposed single mobile classroom will comprise of one Classroom, Toilets, and Store and it is proposed to be located in the area currently occupied by a the timber framed shelter, which is to be relocated to the position shown in the photograph below at the south end of the school playground:



To partially compensate for loss of the playground space by the Single Mobile Classroom it is proposed to demolish the existing redundant store building shown below and re-surface the area as part of the playground.



01.4 Appearance

The new 3-Bay Single Mobile will be similar to that shown in the photograph on the next page, and will be painted in "East Sussex Green".

The new Single Mobile Classroom will be provided with air conditioning with external condensers at ground level in the position shown on the drawings. The types of condensers likely to be used are the Mitsubishi MSZ-SF25VE and details of their sound output are included in the Appendix to this Statement.



Example of Type of Proposed Mobile Classroom Building

01.5 Landscaping

The proposal does not require any landscaping works to be undertaken other than minor modification to the soft play area to the east side of the Mobile Classroom and the making good of existing surfaces adjacent to the Classroom and also around the repositioned timber shelter.

01.6 Access

An access ramp will be provided to give full access to the Mobile Classroom.

01.7 Parking

There is limited staff car parking on site as present, and no changes are proposed.

01.8 Emergency Access

Existing emergency access to the Mobile Classroom will all as existing, from Tunbridge Wells Road, through the Staff Car Park and across the School Playground.

02 Waste Minimisation Statement and Management Plan.

This statement and management plan to be eventually read in conjunction with the contractor's site management waste management plan.

02.1 General Description of Proposed works.

The proposed mobile classroom will require three rows of 600mm deep foundations and any excavated material will be removed from the School site.

There will be minimal excavation for the services and infrastructure required with nil surplus excavated material generated.

02.2 Designed Waste Minimisation

The new arrangement for the Mobile Classroom will utilise an existing mobile building located at the ESCC Storage facility and will be fully refurbished off site and therefore no waste is envisaged during its assembly at the School site.

02.3 Site Waste Management by the main contractor

To control the waste on site, a Site Waste Management Plan is essential. This will be completed at the start of the project with a copy forwarded to Stakeholders so the project team & others to broadly understand the strategy who may have an interest.

The responsibility for developing & implementing the plan rests with the Main Contractor, and principally his agent on-site.

APPENDIX

Air Conditioning Condensers Data



MSZ-SF/GF - INDOOR UNITS		MSZ-SF20VA	MSZ-SF22VE	MSZ-SF35VE	MSZ-SF50VE	MSZ-SF60VE	MSZ-SF71VE
CAPACITY (kW)	Heating (nominal)	-	3.2 (1.0-4.1)	4.0 (1.3-4.6)	5.8 (1.4-7.3)	6.8 (2.0-8.3)	8.1 (2.2-9.9)
	Cooling (nominal)	-	2.5 (0.9-3.4)	3.5 (1.1-5.8)	5.0 (1.4-5.4)	6.0 (1.4-7.2)	7.1 (2.0-8.7)
	Heating (kW)	-	2.65 (0.83-3.41)	3.32 (1.1-5.82)	4.8 (1.15-6.09)	5.65 (1.60-7.73)	6.73 (1.63-8.23)
	Cooling (kW)	-	2.5 (0.89-3.37)	3.47 (1.1-5.77)	4.91 (1.38-5.35)	6.05 (1.38-7.44)	7.0 (1.99-8.03)
SEER (nominal & UK)		-	0.92	0.80	0.70	0.78	0.78
COP / EER (nominal)		-	4.10 / 4.17	3.88 / 3.24	3.41 / 3.01	3.76 / 3.41	3.63 / 3.33
SCOP / SEER (ISEN14825)		-	4.4 / 7.6	4.4 / 7.2	4.4 / 7.2	4.3 / 6.8	4.2 / 6.8
EF ENERGY EFFICIENCY CLASS Heating/Cooling		-	A++ / A++	A++ / A++	A++ / A++	A++ / A++	A++ / A++
AIRFLOW (m³/min)	Heating - Silent-Low-Mid-High	3.7-4.4-5.6-6.9	3.5-4.1-5.7-8.2-10.3	3.5-4.1-5.7-8.3-11.0	5.6-6.8-8.0-9.5-12.0	8.8-11.3-13.4-15.6-18.3	10.0-11.5-13.5-15.4-17.8
	Cooling - Silent-Low-Mid-High	3.5-3.9-4.6-5.5-6.9	3.5-4.1-5.5-7.2-9.1	3.5-4.1-5.6-7.2-9.1	5.6-6.2-7.0-8.2-9.9	8.8-11.3-13.4-15.6-18.3	9.7-11.5-13.5-15.4-17.8
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (3/8")
SOUND PRESSURE LEVEL (dB(A)) Heating/Cooling - Silent-Low-Mid-High		21-25-30-35 / 21-25-30-35 / 21-25-30-35 / 21-25-30-35 / 21-25-30-35 / 21-25-30-35	57	57	58	55	55
SOUND POWER LEVEL (dB(A))			57	57	58	55	55
DIMENSIONS (mm)		Width x Depth x Height	760 x 168 x 250	798 x 195 x 299	798 x 195 x 299	798 x 195 x 299	1100 x 228 x 325
WEIGHT (kg)			7.7	10	10	10	16
ELECTRICAL SUPPLY			Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)			6	6	6	6	6
INTERCONNECTING CABLE No. CORES			4	4	4	4	4

MSZ-SF/GF - OUTDOOR UNITS	MSZ-SF20VE	MSZ-SF22VE	MSZ-SF35VE	MSZ-SF50VE	MSZ-SF60VE	MSZ-SF71VE
SOUND PRESSURE LEVEL (dB(A)) Heating/Cooling	-	48 / 47	50 / 49	52 / 52	55 / 55	55 / 55
SOUND POWER LEVEL (dB(A)) Cooling	-	58	62	65	65	65
WEIGHT (kg)		31	31	55	50	53
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880
ELECTRICAL SUPPLY		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
PHASE		Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.780 / 0.560	1.030 / 1.060	1.200 / 1.560	1.810 / 1.790	2.290 / 2.130
	Heating/Cooling (kW)	0.71 / 0.49	0.94 / 0.87	1.65 / 1.34	1.85 / 1.45	2.03 / 1.73
STARTING CURRENT (A)		3.9	4.9	7.6	8.0	9.8
SYSTEM RUNNING CURRENT (A) Heating/Cooling (MAX)		3.9 / 3.2 (8.4)	4.7 / 4.9 (8.5)	7.6 / 7.4 (12.3)	8.0 / 7.9 (14.5)	9.8 / 9.3 (16.6)
FUSE RATING (BS88) - HRC (A)		10	10	16	20	20
MAINS CABLE No. CORES		3	3	3	3	3
MAX PIPE LENGTH (m)		50	50	50	50	50
MAX HEIGHT DIFFERENCE (m)		12	12	15	15	15
CHARGE (R410A) (kg) - 7m		0.7	0.8	1.55	1.55	1.90

MSZ-SF20VE for MSZ outdoor units only



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