Annexure 2: Technical Design of Girls' Toilet in Elementary School

1. The design is valid for brick thickness not below 8 cm.
2. Foundation design is only indicated & away from the school. Foundation will be designed in accordance with the bearing capacity of the soil and based on the load on the soil.
3. For existing structures, the foundation will be designed as per the specific load and bearing capacity of the soil.
4. Footings will be designed for the load to be carried by them.
5. The design is valid for the entire school complex.
6. No water supply or waste water carrying pipes are to be exposed to frost conditions. Pipes are to be covered with suitable materials to prevent frost damage.
7. No exposed pipes, except for distribution pipes, are to be exposed to frost conditions. Distribution pipes are to be covered with suitable materials to prevent frost damage.
8. Screed on roof of soak pit and in werewad (C) is to be provided with sufficient strength.
9. Floor drains are to be provided with suitable strength and inwerewad (C) is to be provided with sufficient strength.
10. Points of observation are to be made on all water supply and waste water pipes.
11. The design to be provided only for a Girls’ toilet. It will not be applicable to other types of toilets.
12. The design of the toilets is based on the current water supply and drainage plans & specifications, as indicated in the relevant government guidelines.
13. The design is to be modified according to the latest guidelines and specifications provided by the government.
14. The design is to be modified to ensure durability and maintenance in accordance with the latest guidelines and specifications provided by the government.

Schedule of openings:

<table>
<thead>
<tr>
<th>Name</th>
<th>Size (mm)</th>
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<tbody>
<tr>
<td>WC</td>
<td>900 x 300</td>
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<tr>
<td>Basin</td>
<td>600 x 400</td>
</tr>
<tr>
<td>Door</td>
<td>900 x 200</td>
</tr>
<tr>
<td>Window</td>
<td>1200 x 900</td>
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</tbody>
</table>

Total Covered Area: 25 sq m

Key to symbols:
- Pipe carrying waste water from portal into soak pit.
- Pipe running from soak pit to sewer main.
- Pipe carrying water from portal to water supply main.
- Pipe running from water supply main to portal.
- Pipe carrying waste water from portal to sewer main.
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