HAYDEUN PRIMARY SCHOOL
COUNTRY: LAOS
PROVINCE, DISTRICT: BOLIKHAMXAY, BOLIKHAN
ADDRESS: HAYDEUN VILLAGE

LOCATION
COORDINATES
LATITUDE: N 18°39'25"
LONGITUDE: E 103°35'17"
ALTITUDE: 157 m

CONTEXT
PEOPLE IN THE SCHOOL
STUDENTS

MALE | FEMALE | TOTAL
--- | --- | ---
32 | 29 | 61

TEACHERS
4 | 4 | 8
NON-TEACHING PERSONNEL

EDUCATIONAL TYPOLOGY
SCHOOLYARD AND SCHOOL BUILDINGS

TOTAL BUILDINGS
5
TOTAL AREA
256 m²

MAIN BUILDINGS
1
200 m²

ANCILLARY BUILDINGS
4
56 m²

TOTAL CLASSROOMS
3

SCHOOLYARD AREA
9,216 m²

TOILETS (NUMBER)
1 | 2

REFERENCE HAZARDS

SAFETY EVALUATIONS

EARLY WARNING

VISUS SAFETY INDICATORS - FOR REFERENCE HAZARDS

CONSTRUCTION SITE RESTRICTIONS

SPECIFIC VALUES / FUNCTIONS

TOTAL

BUILDINGS

MAIN

BUILDINGS

ANCILLARY

BUILDINGS

TOTAL

CLASSROOMS

SCHOOLYARD AREA

TOILETS (NUMBER)

USAGE

PERSONNEL

USAGE

PUBLIC

PRIVATE

RELIGIOUS

OWNER

PRESCHOOL

PRIMARY

SECONDARY

HIGH SCHOOL

OTHER

CURRICULA ACTIVITIES

EXTRA-CURRICULA ACTIVITIES

LOCATION

SITE

LA 0011 1104 006

LAO PILOT PROJECT
Survey: October 2015
### LOCATION

#### LOCATION & SCHOOLYARD

<table>
<thead>
<tr>
<th>TOPOGRAPHY</th>
<th>CONTEXT</th>
<th>DISTANCE FROM EMERGENCY SERVICES</th>
<th>ACCESS TO SCHOOL</th>
<th>IMPENDING NATURAL HAZARDS</th>
<th>MAN-MADE POTENTIAL HAZARDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat</td>
<td>Urban</td>
<td>Far from emergency services</td>
<td>School access via high-traffic street</td>
<td>On a landslide</td>
<td>Nearby activity may cause technological accident</td>
</tr>
<tr>
<td>Rough</td>
<td>Rural</td>
<td>Close to emergency service</td>
<td>No traffic signals near school</td>
<td>Impact by a landslide</td>
<td>Dam upstream</td>
</tr>
<tr>
<td>Slope</td>
<td>Remote</td>
<td>Controlled access</td>
<td>Unsafe transit to and from school</td>
<td>Impact by a landslide</td>
<td>Under electrical power-transmission line</td>
</tr>
<tr>
<td>Scarp/cliff</td>
<td>Mountain</td>
<td>Accessible only by footpath</td>
<td></td>
<td>Impact by a rockfall</td>
<td></td>
</tr>
<tr>
<td>Crest/Top</td>
<td>Coastal</td>
<td>Open access</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Valley</td>
<td>Riverine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alluvial fan</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SCHOOLYARD

<table>
<thead>
<tr>
<th>FENCES / ACCESS</th>
<th>GEOMETRY</th>
<th>SURFACE</th>
<th>FACILITIES / EQUIPMENT</th>
<th>SAFE AREAS</th>
<th>VISUS SAFETY INDICATORS: WARNING ROSES AND SAFETY STARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>No fence</td>
<td>Terrace or steep slope</td>
<td>Packed dirt floor</td>
<td>Lighting</td>
<td>Safe areas for flood</td>
<td></td>
</tr>
<tr>
<td>Partially fenced</td>
<td>Low fence</td>
<td>Gravel</td>
<td>Playground Equipment</td>
<td>Safe areas for wind</td>
<td></td>
</tr>
<tr>
<td>Fully fenced</td>
<td>High fence</td>
<td>Concrete</td>
<td>Sports field</td>
<td>Safe areas for earthquake</td>
<td></td>
</tr>
<tr>
<td>Accessible only by footpath</td>
<td></td>
<td>Asphalt</td>
<td>Covered Walkways</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open access</td>
<td>Low fence</td>
<td></td>
<td>Car Parking and Driveways</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlled access</td>
<td>High fence</td>
<td>Concrete</td>
<td>Technical Room</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accessible only by footpath</td>
<td>Low fence</td>
<td>Gravel</td>
<td>Waste receptacles &amp; collection area</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### FACILITIES / EQUIPMENT

- Lighting
- Playground Equipment
- Sports Field
- Covered Walkways
- Car Parking and Driveways
- Technical Room
- Waste receptacles & Collection Area

#### SAFE AREAS

- Safe areas for flood
- Safe areas for wind
- Safe areas for earthquake

#### VISUS SAFETY INDICATORS: WARNING ROSES AND SAFETY STARS

- **Ordinary Use**
  - 5 roses: High
  - 4 roses: Medium
  - 3 roses: Low
  - 2 roses: Very low
  - 1 rose: Very low

- **Fire**
  - 5 roses: High
  - 4 roses: Medium
  - 3 roses: Low
  - 2 roses: Very low
  - 1 rose: Very low

- **Flood**
  - 5 roses: High
  - 4 roses: Medium
  - 3 roses: Low
  - 2 roses: Very low
  - 1 rose: Very low

- **Earthquake**
  - 5 roses: High
  - 4 roses: Medium
  - 3 roses: Low
  - 2 roses: Very low
  - 1 rose: Very low

- **Wind**
  - 5 roses: High
  - 4 roses: Medium
  - 3 roses: Low
  - 2 roses: Very low
  - 1 rose: Very low
## SCHOOLYARD

<table>
<thead>
<tr>
<th>Evidence</th>
<th>Intervention</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holes or potholes</td>
<td>Cover the hole or level the surface</td>
</tr>
<tr>
<td>Potential falls due to uneven floor or tripping hazards</td>
<td>Remove the hazardous elements</td>
</tr>
<tr>
<td>Potential falls due to uneven floor or tripping hazards</td>
<td>Remove the hazardous elements</td>
</tr>
</tbody>
</table>

## MAIN BUILDINGS

<table>
<thead>
<tr>
<th>Building B01</th>
<th>Evidence</th>
<th>Intervention</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free flow of water into building</td>
<td>Define an evacuation plan in case of flood</td>
<td></td>
</tr>
<tr>
<td>Potential falls due to the absence of protecting measures</td>
<td>Reduce the step height or install parapets</td>
<td></td>
</tr>
<tr>
<td>Falling objects (signage)</td>
<td>Remove the hazardous elements or protect from exposure</td>
<td></td>
</tr>
</tbody>
</table>

## ANCILLARY BUILDINGS

<table>
<thead>
<tr>
<th>Building B02</th>
<th>Evidence</th>
<th>Intervention</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non accessible toilets for people on wheelchairs</td>
<td>Install a ramp for access and/or build a new accessible toilet</td>
<td></td>
</tr>
<tr>
<td>Siding hazards - unsecured external sidings</td>
<td>Fix or remove the unsecured external siding</td>
<td></td>
</tr>
<tr>
<td>Falling objects hazards - elements from roof</td>
<td>Remove the hazardous objects</td>
<td></td>
</tr>
<tr>
<td>Siding hazards - unsecured external sidings</td>
<td>Fix or remove the unsecured external siding</td>
<td></td>
</tr>
<tr>
<td>Potential fall of suspended lifeline (e.g. electrical)</td>
<td>Secure the suspended lifeline and its connection with the building</td>
<td></td>
</tr>
</tbody>
</table>