

Projectinformatie:

Geef een Thuis

A Basic Child Development stichting

A.B.C.D Stichting is een stichting die zich inzet voor het welzijn van kinderen. Het gaat hier niet alleen om kinderen in ontwikkelingslanden, maar ABCD-stichting zet zich ook in voor kinderen in ons eigen land.

A.B.C.D. stichting wil kinderen voorzien van een goede solide basis. Een basis bestaande uit voedsel, huisvesting, kleding, educatie en natuurlijk vertier. Een solide ondergrond van waaruit ze zelf een betere en positievere keuze kunnen maken voor hun toekomst, en indirect weer voor de toekomst van hun eigen kinderen.

Project beschrijving van ABCD-Orphanage

Het project maakt deel uit van een intensief programma om de leefomstandigheden van kinderen in Kameroen te verbeteren, het gaat hier voornamelijk om huisvesting en onderwijs. In de stad Doula willen wij een kinderdorp bouwen om een groot aantal weeskinderen op te kunnen vangen. Gekoppeld aan voorbereiding voor goed onderwijs en het zoeken naar pleegouders.

Lokatie:

Doula, Kameroen

Naam:

ABCD-Orphanage

Budget:

559 miljoen Kameroenese Francs (ongeveer 750.000 euro)

Contact:

M.Bisong

Doelstelling:

1. Het bouwen van een compleet kinderdorp waar onderdak wordt geboden aan weeskinderen van 0 tot 10 jaar. Het dorp bestaat uit vier aan elkaar geschakelde gebouwen, waar ruimte wordt geboden voor ongeveer 200 weeskinderen. Het dorp biedt niet alleen onderdak en voedsel voor deze kinderen, maar voorziet ook in een basistraining.
2. Het voorzien van educatie, training. Tien uur per week worden kinderen van 7-10 jaar voorzien van basisvaardigheden zoals, taal, rekenen, computerles en handvaardigheden. Daarbuiten wordt ook nog aandacht besteed aan cultuur, sport en zwemles.
3. Er wordt gezocht naar geschikte pleegouders voor de weeskinderen.

Het straatleven biedt voor kinderen natuurlijk weinig perspectief voor de toekomst.

U begrijpt dat huisvesting en educatie voor hen een cruciale stap is in de goede richting.

Huisvesting biedt een beschermende rol tegen invloeden van buitenaf. Dit betekent natuurlijk niet alleen de weersinvloeden, maar ook tegen andere negatieve invloeden zoals kinderarbeid. School biedt een educatieve en begeleidende rol.

Wij hopen dan ook van harte dat u ons wil (blijven) steunen en deze kinderen een toekomst te geven in hun eigen land.

Een goede reden voor u om dit projecten te steunen.

Als particulier zult u zien dat als u deze kinderen een kans biedt om aan hun toekomst te werken, deze met beide handen wordt aangegrepen. U zult deze kinderen weerhouden van een zwervend bestaan in eigen of in westerse landen.

Als bedrijf heeft u een uniek project om zich via ABCD te kunnen profileren naar uw klanten, op onze website en in ons Magazine. Als een bedrijf dat de toekomst van deze kinderen net zo belangrijk vind als u eigen klanten.

A BASIC CHILD DEVELOPMENT

A.B.C.D.

DOUALA, CAMEROON

ORPHANAGE

CONSULTING ARCHITECTS

BUILT-FORMS ASSOCIATES

B.P 31179 Yaounde

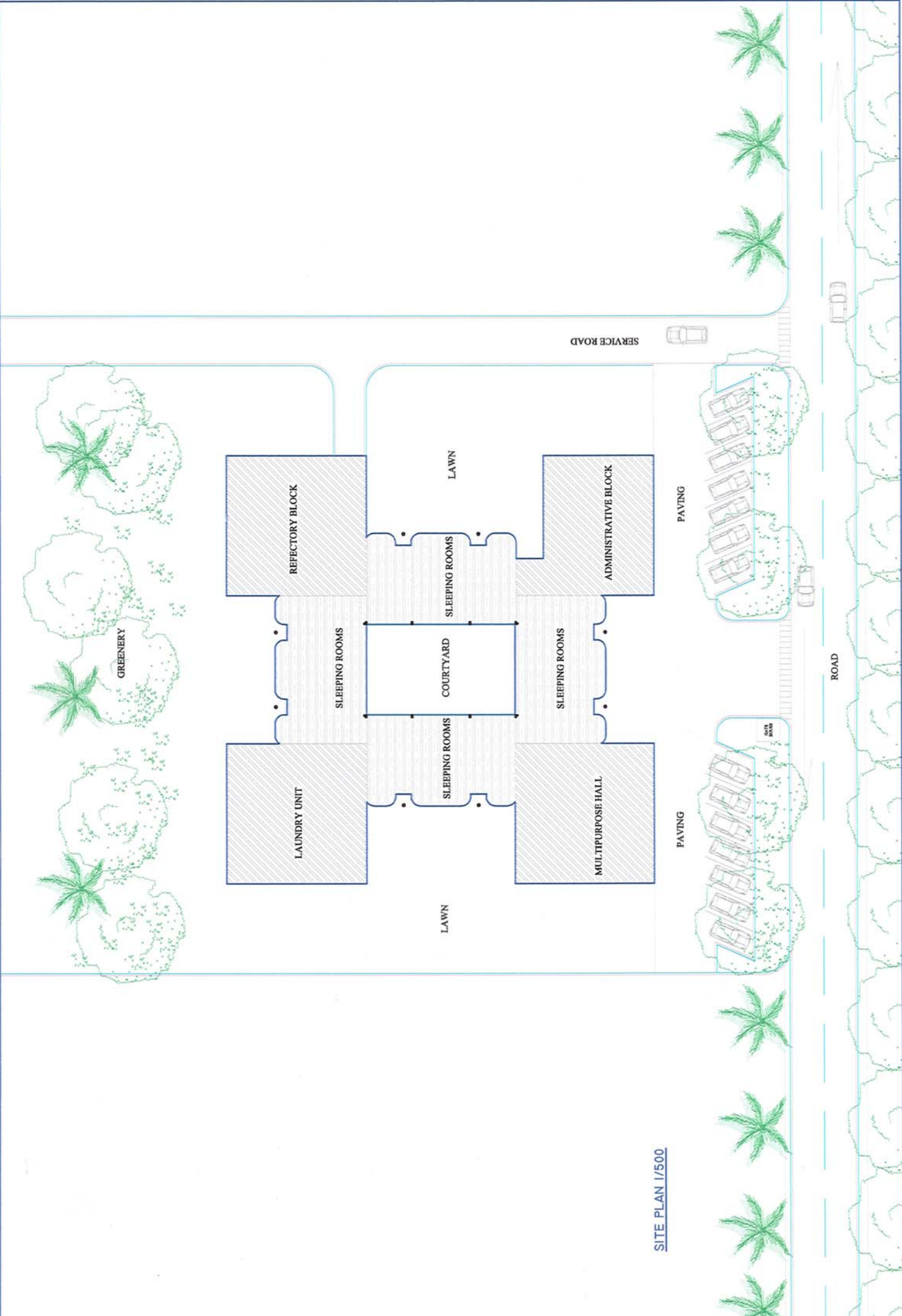
Tel: (237) 995 38 43

e-mail: owan_s@yahoo.fr

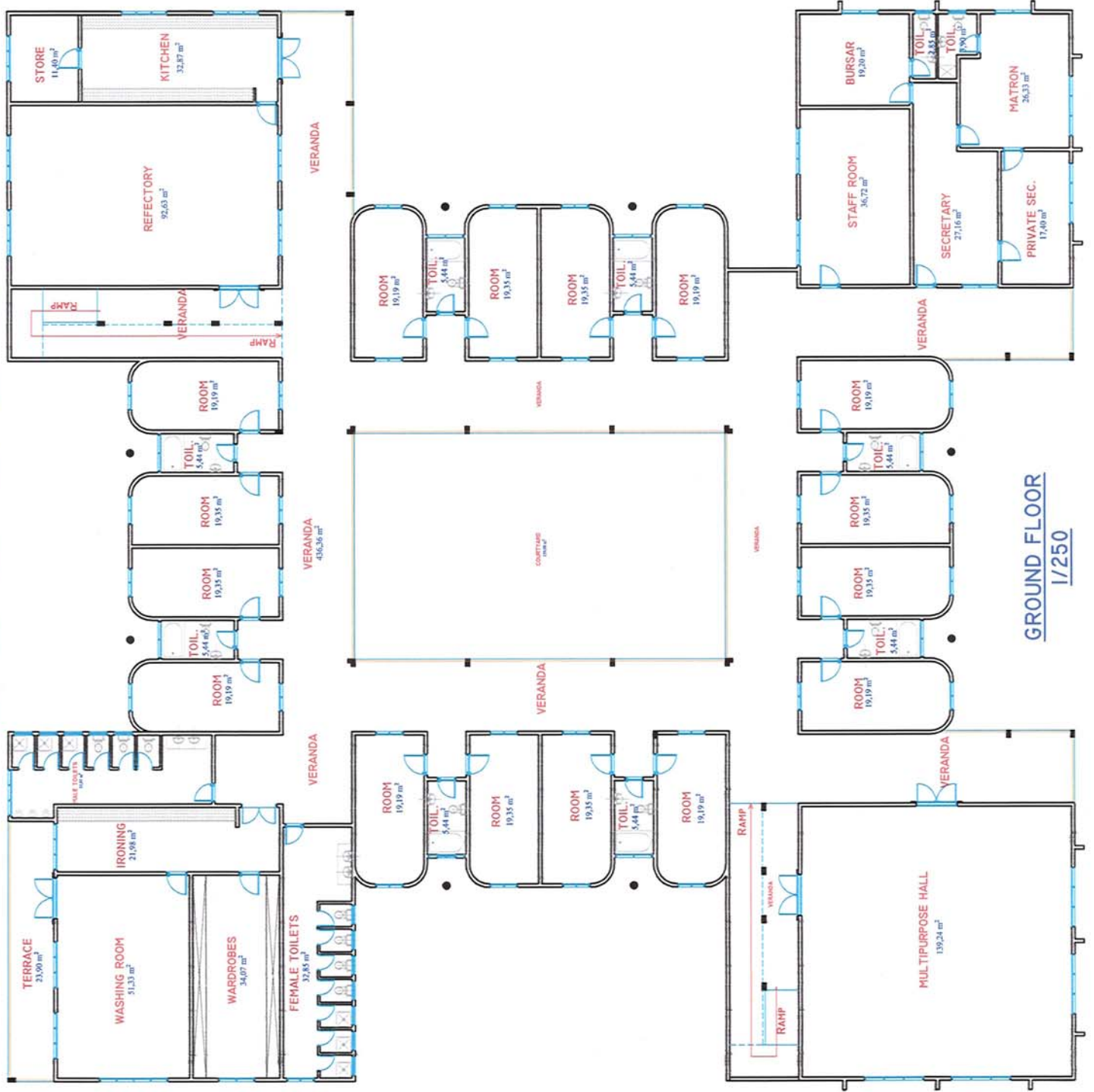
Cameroon

INTRODUCTION

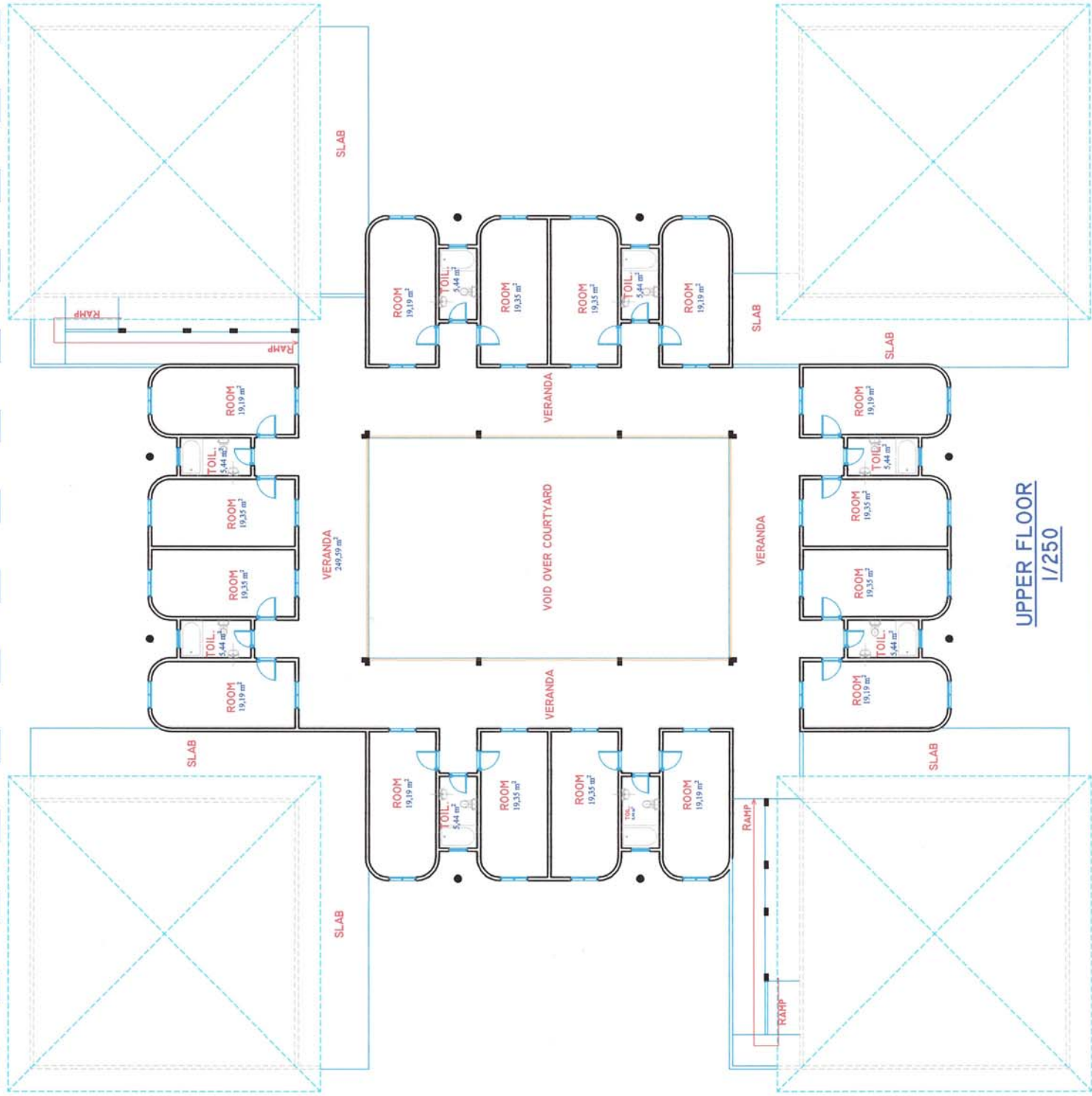
The ABCD home is an orphanage expected to receive children between the ages of one day and ten years. When realised the complex will have a capacity of about two hundred beds for children as well as a permanent staff of about fifty persons ranging from unskilled to managerial personnel. Non-permanent staff could be recruited as specific needs arise. Its built area is 1243.08m² for the ground floor and 601.43m² for the upper floor giving a total of 1844.51m². The major units of the complex include the four main blocks housing the sleeping rooms, the administrative block, the refectory block, the laundry unit and the multipurpose hall. The orphanage will be located in the outskirts of the city of Douala, Cameroon's economic capital and most populous city which unenviably leads all other Cameroonian cities in crime wave, including the abandonment of children, especially new-born babies. The proposed site is a large expanse of virgin land about 3.000m² in area.



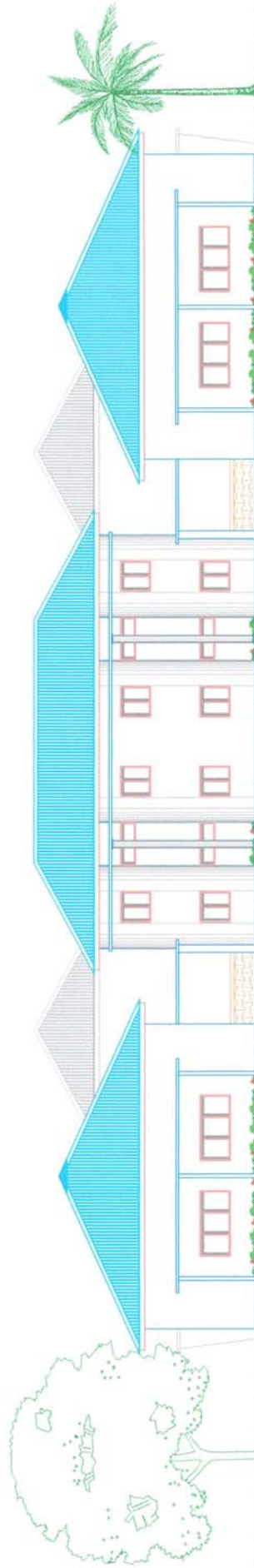
SITE PLAN 1/500



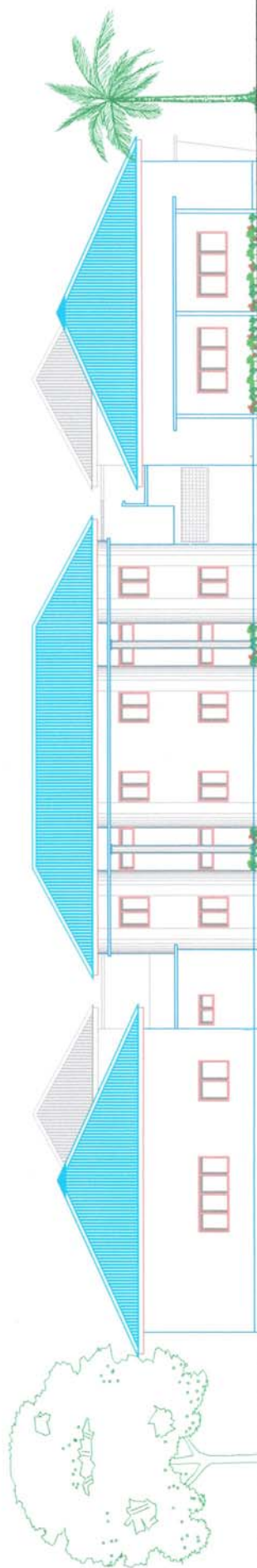
GROUND FLOOR
1/250



UPPER FLOOR
1/250



FRONT ELEVATION
1/250



LEFT ELEVATION
1/250

1. THE CONCEPT

The sleeping rooms, which constitute the principal facilities of the orphanage are spread over four main blocks at two levels that is ground floor and upper floor. Disposed symmetrically around a central courtyard, these sleeping rooms are bound by the following support facilities;

a) The administrative block:

It comprises the following offices;

i) The matron's office

The matron is the general manager of the orphanage and oversees its daily running.

ii) The bursary

The bursar is the finance manager and keeps and manages the accounts of the orphanage.

iii) The general secretariat

It is headed by an administrative assistant who coordinates the activities of the middle and junior staff members.

Also found in the administrative block are the matron's private secretariat and the staff room.

b) The Multipurpose hall:

Could host such activities as prayer services, enlarged meetings, demonstrations, etc.

c) The Refectory block:

The principal spaces are the kitchen, the store and the refectory.

d) The laundry unit:

Comprises a machine room, an ironing room, a cloakroom of wardrobes, and general toilet facilities.

A series of verandas and corridors interconnect all the main buildings of the complex harmoniously around a central courtyard.

II. CAPACITY AND STAFF STRENGTH:

There are thirty-two sleeping rooms each with a capacity of six beds or cots, giving a total of a hundred and ninety two. Two attendants, who work in shifts, one at a time over a specified duration, attend each sleeping room. Other staff members include the kitchen staff, launderers, general cleaners and non-permanent staff. The floor areas allocated to the various activities/services are as follows

i. Sleeping rooms and convenience	703.68 m ²
ii. Multipurpose hall	139.24 m ²
iii. Washing room	51.33 m ²
iv. Ironing room	21.98 m ²
v. Wardrobes	34.07 m ²
vi. Lavatories	65.70 m ²
vii. Refectory	92.63 m ²
viii. Store	11.40 m ²
ix. Kitchen	32.87 m ²
x. Staff room	36.72 m ²

xi.	Bursary	19.20 m ²
xii.	General secretariat	27.16 m ²
xiii.	Private secretariat	17.16 m ²
xiv.	Matron	26.33 m ²
xv.	Conveniences	11.75 m ²
xvi.	Circulation	529.15 m ²

III. BRIEF DESCRIPTION OF WORKS

1. Site Preparatory works

This will consist of bulldozing, grading and compaction of site. Excavations shall be to a depth as deemed appropriate by the architect.

2. Foundation works

Trenches for foundation and column footings have to be executed as found in plans and should attain the level of hard soil at a depth not less than 80 cm from the level of the finished platform.

These works would consist mainly of the following:

- Fills in hard soil if proven to be of low bearing capacity;
- All compaction would be in successive layers of between 20 and 30 cm thickness and should attain a 95% O.P.M. (optimum Procto Modified).

The foundation structure would be composed of:

- Building concrete dosed at 150Kg/m³ and of a thickness of 3 cm
- Isolated footings would be 80cm square and 25 cm height.

- On top of the blinding concrete would be erected the foundation wall in solid block work 20X20X40 cm on top of which would lie a grade beam 15 X 25 cm.

The floor shall be of a concrete mix of 350Kg/m³ well compacted or vibrated manually or if financial dispositions do permit, with a wire mesh. Total thickness should be 10cm.

Screeds should be built in conformity with rules and regulations in force. They would be constituted of cement – sand mortar wholly dosed at 400kg/m³. They could be casted on fresh concrete once the latter starts setting or on already set concrete. In the latter case, care should be taken to clean the concrete surface with a metallic brush, should be dust – free and should be wetted before the casting of any screed. Required minimum thickness should be 5cm.

3. Elevation works

The masonry block work would be constructed in the following manner.

- Bearing walls of total thickness of 18cm consisting of 15 X 20 X 40 cm hollow block work and a 3 cm plaster;
- Curtain (infilling) walls of 13 cm thickness of 10 X 20 X 40cm hollow block work and 3 cm plaster in cross bonding.

4. Flooring.

The floor screed shall be of cement and sand mortar surface closed at 400 Kg/m³ and casted over freshly set concrete. Screed thickness should be 8 cm minimum.

5. Concrete slab.

Shall be made up of hollow blocks of type 'hourdis' produced locally, and reinforcements according to plans. Over the blocks (16cm thick) shall be casted a compression slab of thickness 6cm.

6. Plastering

Proceed with technical dispositions following rules and norms in force. Nature of their planimetry (horizontality and verticality) should be such as to permit good tiling work. Cement mortar should be dosed at 400Kg/m^3 .

7. Trusswork. And Roofing:

All roof woodwork would be done in hard or semi-hard country wood treated in anti - termite xylamon solution or similar product to prevent rot. . Execution should be in conformity with the construction plans joint to this effect.

The wood to be used should have humidity rating of 20%. The roofing would be of long san corrugated aluminium sheets.. The edges to the purlins would be trimmed with wood fascia boards.

8.) Ceiling:

The ceiling boards would be of sapelli plywood fixed to wood ceiling battens treated in xylophene or carlonyl solution. The respective heights should be as indicated on plans. In the option, a Plaster of Paris ceiling (staff) would be used.

9. Woodwork:

The interior doors are all wooden flush doors to be painted. Window frames are of wood, aluminium mullions and glazing should be at least 5mm thickness and in accordance with designs.

10. Metallic Protection:

All doors and elements in metal should receive a coating of anti-rust paint applied after thorough cleaning before being installed. Metallic burglary proof should be located in the interior of widows.

11.) Sanitary Plumbing:

consists mainly of:

- Installation of bidets, WC'S, WHB.
- Canalisation of used and soil water.
- Installation of potable water.

All buried pipework should be PVC, 63 mm diameter for the evacuation of used water and 100 mm for soil water.

Piping for potable water should be of galvanized steel . All appliances should be tested for proper functioning before being put into use.

12.) Electricity:

Electrical works would consist of:

- Installation of electrical boards and low tension cable network
- light installation

All installation should be in plastic conduits buried in block work and in accordance with SONEL norms. The choice of electrical appliances is left to the job owner.

13.) Tiling:

- a) Ceramic floor tiles should be laid on a mortar based dosed at 400 Kg/m^3 .
- b) Wall tiles should have a base of white cement. They should preferably be of 15 x 15 cm, colour depending on the choice of job owner.

14. Painting

This should be done on walls smoothed to eliminate all sand and vegetable matter.

- All woodwork and metal work should be in oil paint.
- Walls in water paint.

The main works here include:

- White wash base to support water paint
- Protection of surfaces not destined to receive painting
- Final cleaning of all arrears that have received painting or patched.

15. Exterior works

Will include planting of lawns and gardens paving of vehicular and walk ways, and sewage disposal system.

IV PRELIMINARY COSTING

1. Purchase of site

$$\text{(Area = 3000m}^2\text{)} \quad = 3000\text{m}^2 \times 20000 \text{ F/m}^2 \quad = \underline{60,000,000\text{F}}$$

2. Earth works

$$\text{(Hiring of equipments)} = 7 \text{ days of work} \times 500000\text{f/day} = 3,500,000\text{F}$$

$$3. \text{ Ground floor construction} = 1243.08\text{m}^2 \times 80000\text{f/m}^2 = 99,446,400\text{F}$$

$$4. \text{ Upper floor construction} = 601.43\text{m}^2 \times 150.000\text{f/m}^2 = 90,150,000\text{F}$$

$$5. \text{ Foundation construction [20\% of (3+4)]} \quad = 37,919,280\text{F}$$

$$6. \text{ Truss work and roofing [20\% of (3+4)]} \quad = 37,919,280\text{F}$$

$$7. \text{ Scaffolding [(10\% of (3+4))]} \quad = 18,959,640\text{F}$$

$$8. \text{ Flooring tiling} = 1844.51\text{m}^2 \times 50.000\text{F/m}^2 \quad = \underline{92,225,500\text{F}}$$

$$\text{SUB TOTAL 1 (Items 2 to 8)} \quad = \underline{380,120,100\text{F}}$$

$$9. \text{ Exterior works (5\% of subtotal 1)} \quad = \underline{19,006,005\text{F}}$$

$$\text{SUB TOTAL 2} \quad = \underline{399,126,105\text{F}}$$

$$10. \text{ Contractor's charges (20\% of subtotal 2)} \quad = 79,825,221\text{F}$$

$$11. \text{ Architect's supervision fees = (5\% of subtotal 2)} \quad = \underline{19,956,305\text{F}}$$

$$\text{SUB TOTAL 3} \quad = \underline{498,907,631\text{F}}$$