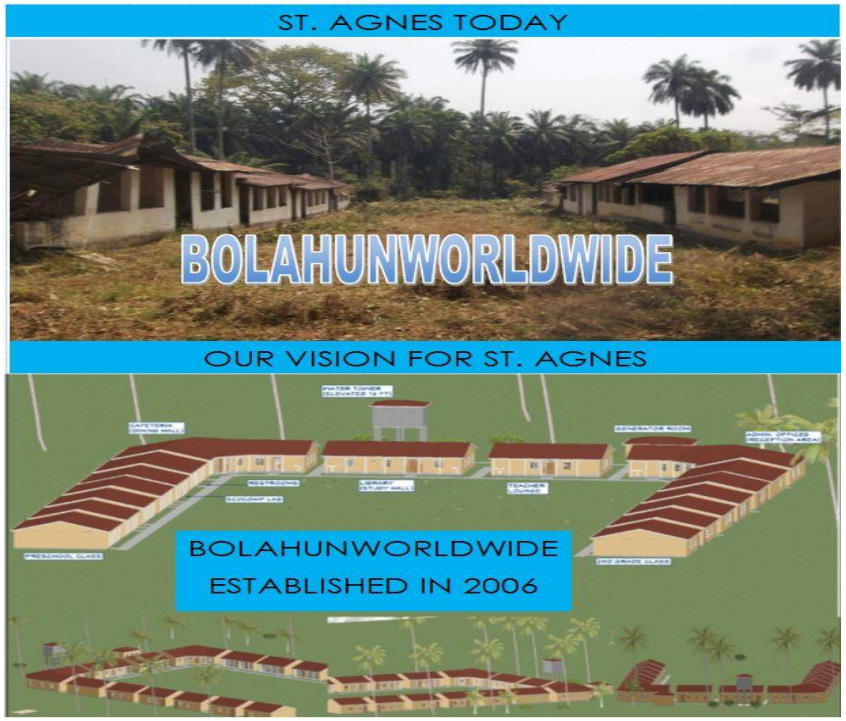


BOLAHUNWORLDWIDE- USA ST. AGNES RECONSTRUCTION PROJECT

- Bolahunworldwide USA
- 145 Noble Beach Drive
- Euclid Ohio 44123
- Email: Bolahunworldwide@gmail.com
- Website: www.bolahunworldwide.com
- Asumana K Pelima Sr.
- National President:
- Phone Number: 216-659-0390

Purpose & Objectives of BWW

Bolahun World Wide USA (BWW), was established In 2006, as a nonprofit organization to assist with post-war challenges in Bolahun as follows:

Organize and rally support for the sustenance of the Bolahun Episcopal School System and its affiliated institutions.

Contribute charitably to the operations of the Bolahun Episcopal School System and its affiliated institutions.

Collaborate with anyone or entity that espouses and subscribes to the ideals and aspirations of BWW for the development of the Bolahun Episcopal School System and affiliated institutions.

Enhance Educational, Social, Economic, Episcopal Religious Doctrine as well as promote the cultural heritage of Liberia.

Promote understanding, cohesiveness, goodwill, brotherhood, belonging and socialization among its membership.

OUR VISION

Our vision is to rebuild the entire institution from Pre-School to Senior High School. Our plan is to begin with the reconstruction of St Agnes Elementary School and eventually the Middle and High Schools. We will also support developments at the St Joseph Hospital and St Mary's Church.

BWW will work closely with all Bolahun Stakeholders, In North America, The Bolahun Alumni, and Friends Association (BAFFA), The Episcopal Church of Liberia, and The Liberian Government to rebuild the former Holy Cross Mission Schools in Bolahun, Liberia.

The St Agnes Elementary School is BWW's current reconstruction project.

Project Overview: When completed the school will have:

- Classrooms from the Pre-K to 6th Grade
- Cafeteria/Auditorium
- Computer Lab
- Library
- Generator Room
- Four Rest Rooms
- Teachers' Lounge
- Principals' Office
- Science Lab
- Storage Room

Project Objectives:

Provide	Serve	Prepare	Expose	Create
Provide an affordable, conducive and safe learning environment for students from Bolahun, the surrounding villages, and other parts of Liberia	Serve as Feeder program for the high school in Bolahun and other schools in Liberia	Prepare students to excel and become competitive	Expose students to modern technology such as computers and the internet	Create positive outcomes and restore academic excellence in Bolahun

Funding Strategies:

Grant Proposals:

Grants are a major source of funding for the St. Agnes project. The committee will utilize experts with grant proposal experience to present clear and understandable needs for funds. This includes reaching out to Sister Churches (Episcopal churches in the US and Liberia) and other Philanthropists.

Capital Campaign:

The Capital Campaign is a voluntary commitment by an individual to donate a pledged amount to be paid over the following five years after the pledge is made. BWW is reaching out to all those who are or were once associated with the Bolahun Mission. The committee is engaging many old and current friends of Bolahun.

Funding Strategies:

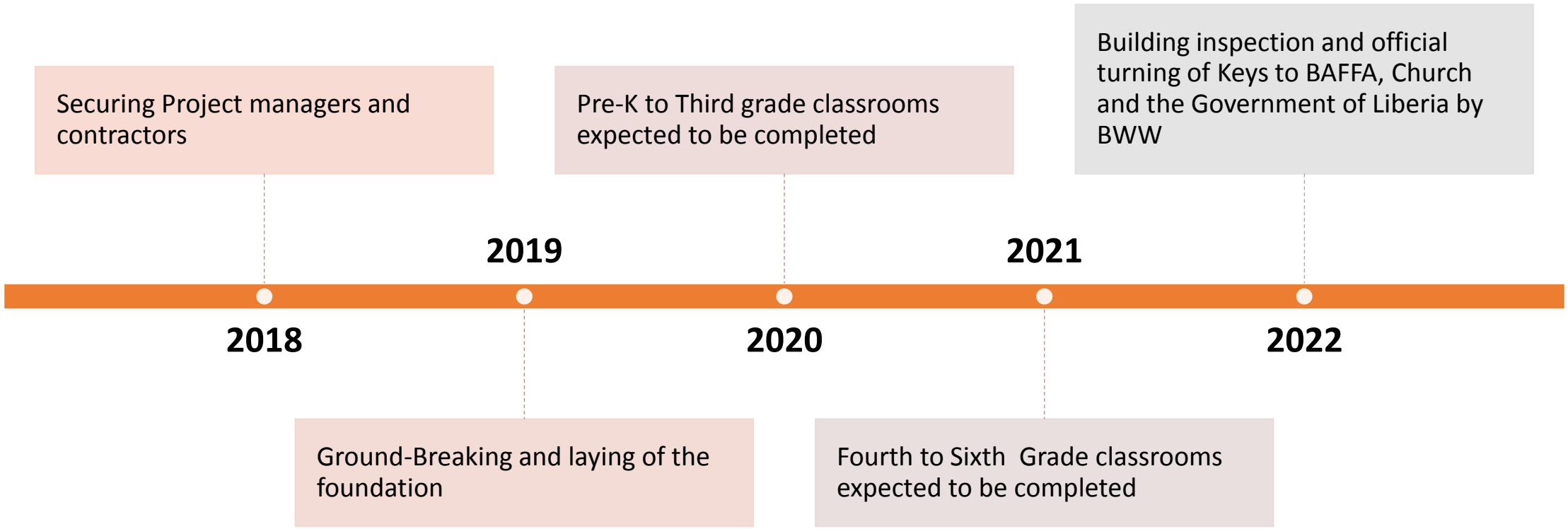
BWW Chapter Fundraisers:

The committee identified the BWW chapters as another source of funding that will help drive this project forward. The committee is relying on these chapters to engage in fund raising activities: cookouts, banquets, t-shirt sales, Walk--A-Thons and more.

Commemorative Recognitions:

As means of giving special recognition to contributors, the committee will dedicate a special section of the project (buildings, libraries or etc.) to the individual, Family, or groups responsible. These individual Family, or groups will have their names engraved on special platter to be erected at the school and will remain there forever as means of recognizing their contribution to rebuilding this institution.

Project Timeline:



BWW Appeal to All Stakeholders

Dear Patron,

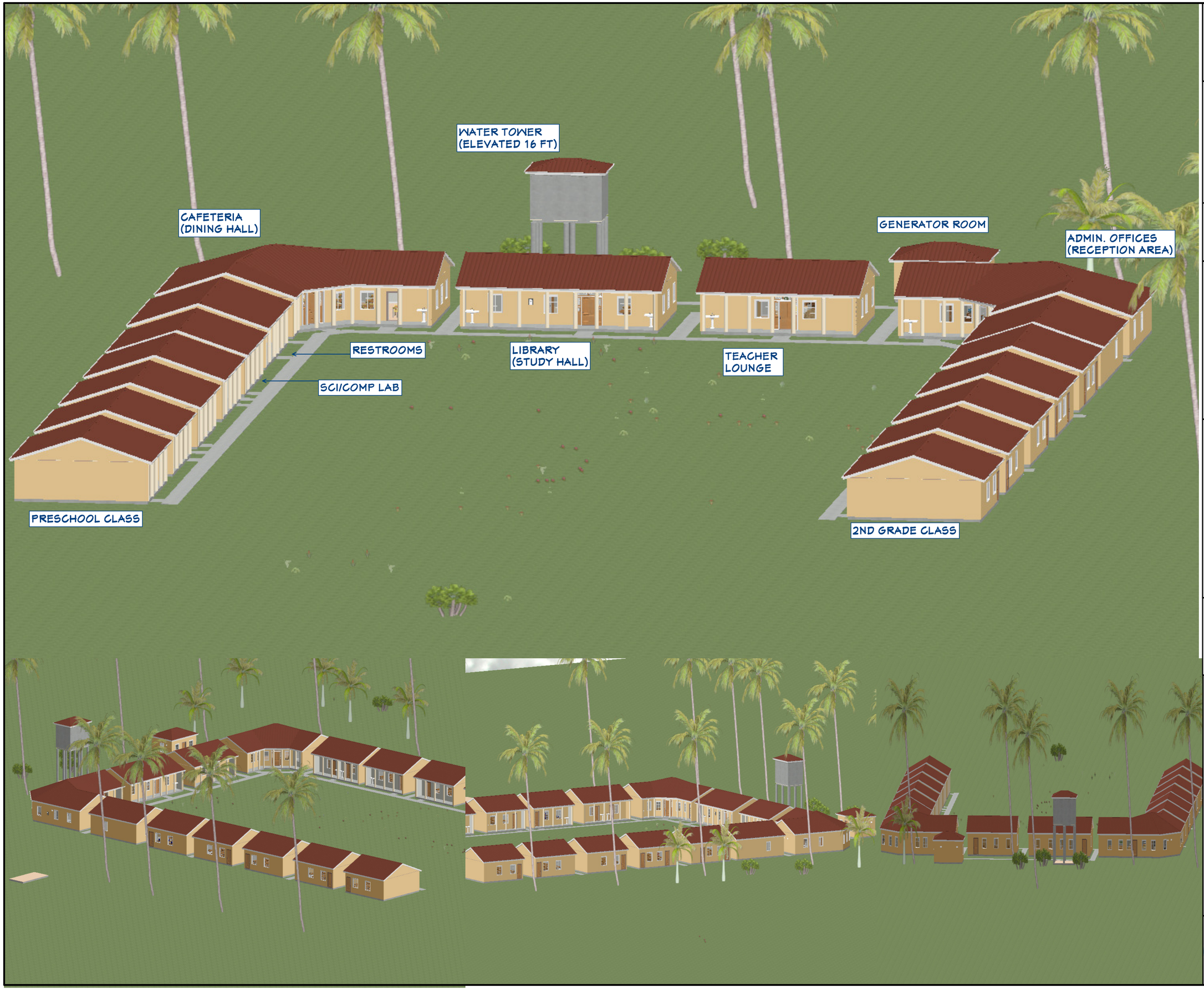
We are appealing to your institution (to You) to please be one on the patrons who will help us accomplish our financial objectives. Bolahun World Wide is an accredited Non-Profit Organization with a valid 501c3 Status. All contributions to our organization is fully tax deductible.

The total estimated cost of project is $1,449, 927.00. We will highly appreciate your support for this project as you will be joining a team of donors who have committed to revitalizing this citadel of knowledge which was established by the Holy Cross Episcopal Missionaries in 1922.

Respectfully Yours,

Asumana Pelima Sr

National President BWW North America



SHEET NUMBER	01 OF 01
REVISION	ADDITIONAL CLASSROOMS + RESTROOMS
SCALE:	1/8" = 1'-0"
DATE:	MARCH 2016
DESIGN:	S. KPEYEI | BSCE, MS (STRUCT. ENG)

SHEET TITLE
CAMPUS SNAPSHOT

PROJECT LOCATION
LIBERIA, WEST AFRICA

OWNER
BMS Alumni

CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com

ADMINISTRATIVE OFFICE

GENERATOR ROOM

TEACHER LOUNGE

WATER TOWER (16 FEET HIGH)

CAFETERIA

LIBRARY

RESTROOM

SIXTH GRADE

FIFTH GRADE

FOURTH

THIRD GRADE

SECOND GRADE

FUTURE ASSEMBLY AREA
- PLAYGROUND
- AUDITORIUM

RESTROOM

COMPUTER SCIENCE LAB

DATA

1ST GRADE

KINDERGARTEN

PRE-KINDERGARTEN

PRE-SCHOOL

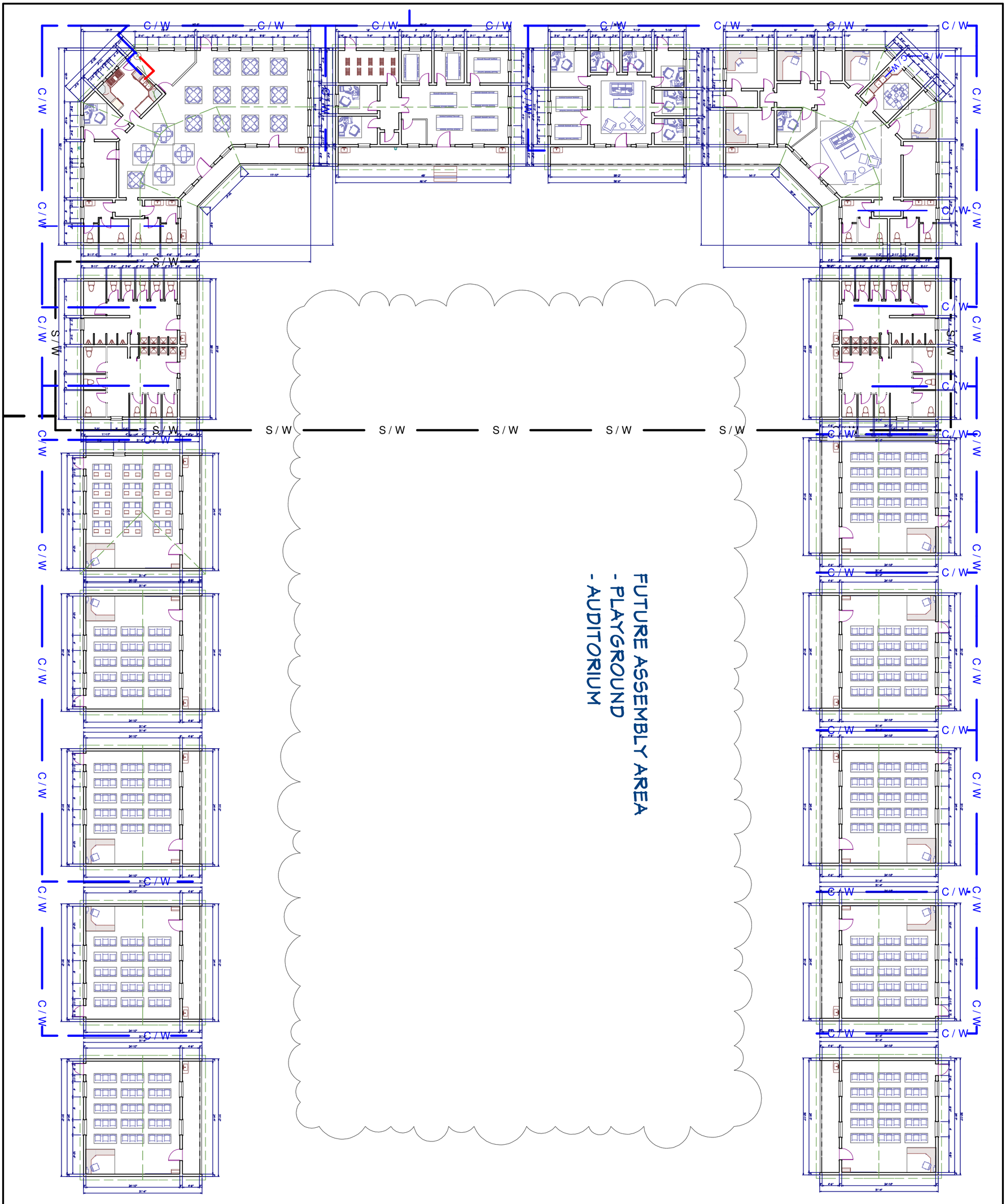
E/L

C/W

S/W

SHEET NUMBER	01 OF 01
REVISION	ADDITIONAL CLASSROOMS + RESTROOMS
SCALE:	1/8" = 1'-0"
DATE:	MARCH 2016
DESIGN:	S. KPEYEI BSCE, MS (STRUCT. ENG)
SHEET TITLE	CAMPUS LAYOUT - BUILDINGS - FURNITURE
PROJECT LOCATION	LIBERIA, WEST AFRICA
OWNER	BMS Alumni

CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com



CROSSCRETE SERVICES LAWRENCEVILLE, GA 30046 (678) 458 - 9562 ssimeonk@gmail.com	OWNER	PROJECT LOCATION	SHEET TITLE	SCALE:	1/8" = 1'-0"	SHEET NUMBER
				DATE:	MARCH 2016	01 OF 01
	BMS Alumni	LIBERIA, WEST AFRICA	CAMPUS LAYOUT - BUILDINGS - FURNITURE	DESIGN:		REVISION
				S. KPEYEI	BSCE, MS (STRUCT. ENG)	ADDITIONAL - CLASSROOMS - RESTROOMS

FRONT VIEW OF CAMPUS

RIGHT VIEW OF CAMPUS

SCALE:	1/8" = 1'-0"
DATE:	MARCH 2016
DESIGN:	S. KPEYEI | BSCE, MS (STRUCT. ENG)
SHEET NUMBER	01 OF 01
REVISION	ADDITIONAL CLASSROOMS + RESTROOMS

SHEET TITLE
CAMPUS SNAPSHOT

PROJECT LOCATION
LIBERIA, WEST AFRICA

OWNER
BMS Alumni

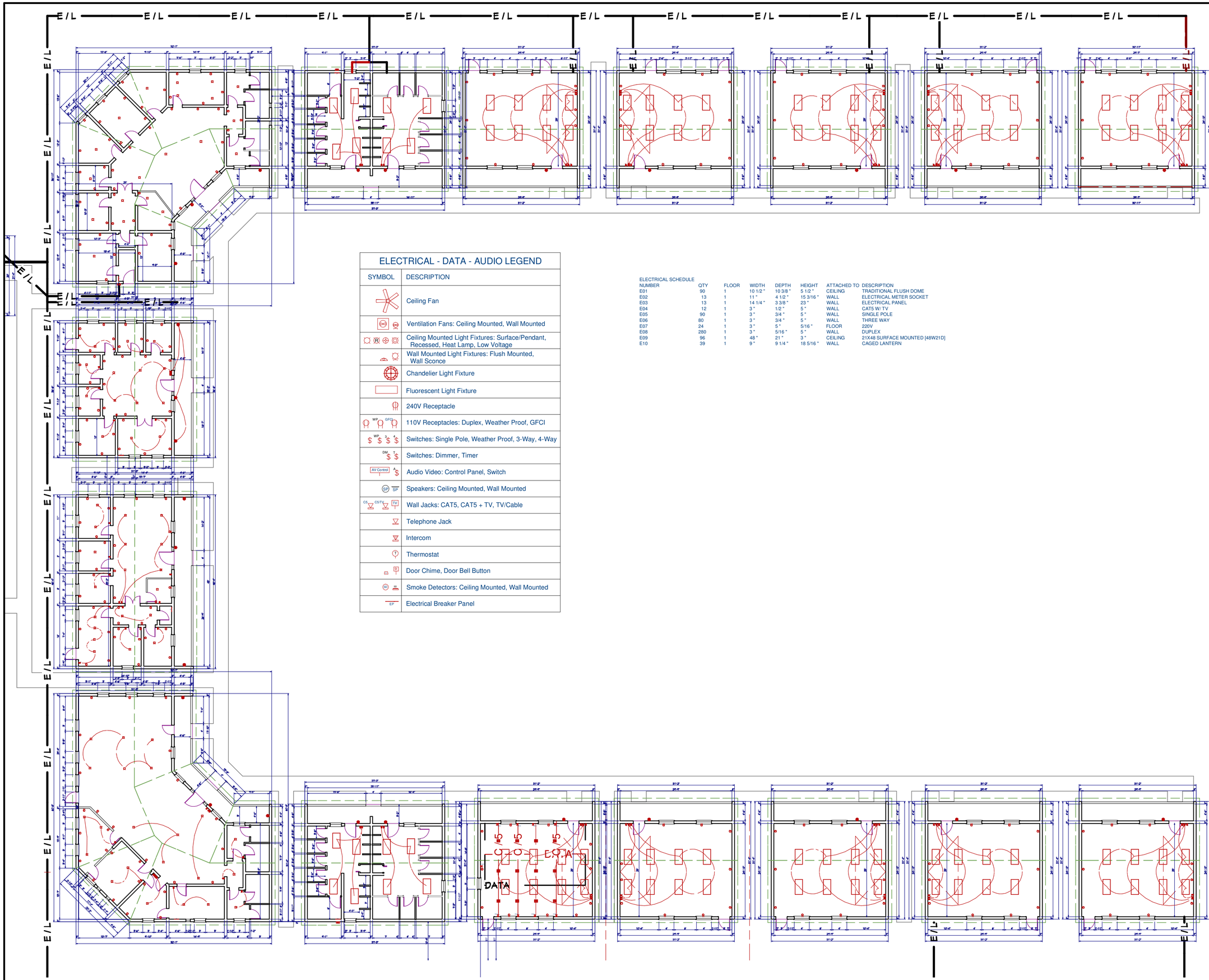
CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com

REAR VIEW OF CAMPUS

LEFT VIEW OF CAMPUS

SHEET TITLE	CAMPUS SNAPSHOT
SCALE:	1/8" = 1'-0"
DATE:	MARCH 2016
DESIGN:	S. KPEYEI | BSCE, MS (STRUCT. ENG)
SHEET NUMBER	01 OF 01
REVISION	ADDITIONAL CLASSROOMS + RESTROOMS
PROJECT LOCATION	LIBERIA, WEST AFRICA
OWNER	BMS Alumni

CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com



ELECTRICAL - DATA - AUDIO LEGEND

SYMBOL	DESCRIPTION
	Ceiling Fan
	Ventilation Fans: Ceiling Mounted, Wall Mounted
	Ceiling Mounted Light Fixtures: Surface/Pendant, Recessed, Heat Lamp, Low Voltage
	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce
	Chandelier Light Fixture
	Fluorescent Light Fixture
	240V Receptacle
WP GFCI	110V Receptacles: Duplex, Weather Proof, GFCI
WP 3 4	Switches: Single Pole, Weather Proof, 3-Way, 4-Way
DM T	Switches: Dimmer, Timer
AV Control A	Audio Video: Control Panel, Switch
SP SP	Speakers: Ceiling Mounted, Wall Mounted
CS CS/TV TV	Wall Jacks: CAT5, CAT5 + TV, TV/Cable
	Telephone Jack
	Intercom
T	Thermostat
	Door Chime, Door Bell Button
SD SD	Smoke Detectors: Ceiling Mounted, Wall Mounted
EP	Electrical Breaker Panel

ELECTRICAL SCHEDULE

NUMBER	QTY	FLOOR	WIDTH	DEPTH	HEIGHT	ATTACHED TO	DESCRIPTION
E01	90	1	10 1/2 "	10 3/8 "	5 1/2 "	CEILING	TRADITIONAL FLUSH DOME
E02	13	1	11 "	4 1/2 "	15 3/16 "	WALL	ELECTRICAL METER SOCKET
E03	13	1	14 1/4 "	3 3/8 "	23 "	WALL	ELECTRICAL PANEL
E04	12	1	3 "	1/2 "	5 "	WALL	CAT5 W/ TV
E05	90	1	3 "	3/4 "	5 "	WALL	SINGLE POLE
E06	80	1	3 "	3/4 "	5 "	WALL	THREE WAY
E07	24	1	3 "	5 "	5/16 "	FLOOR	220V
E08	280	1	3 "	5/16 "	5 "	WALL	DUPLEX
E09	96	1	48 "	21 "	3 "	CEILING	21X48 SURFACE MOUNTED [48W21D]
E10	39	1	9 "	9 1/4 "	18 5/16 "	WALL	CAGED LANTERN

SHEET NUMBER 01 OF 01

REVISION

ADDITIONAL CLASSROOMS + RESTROOMS

SCALE: 1/8" = 1'-0"

DATE: MARCH 2016

DESIGN: S. KPEYEI

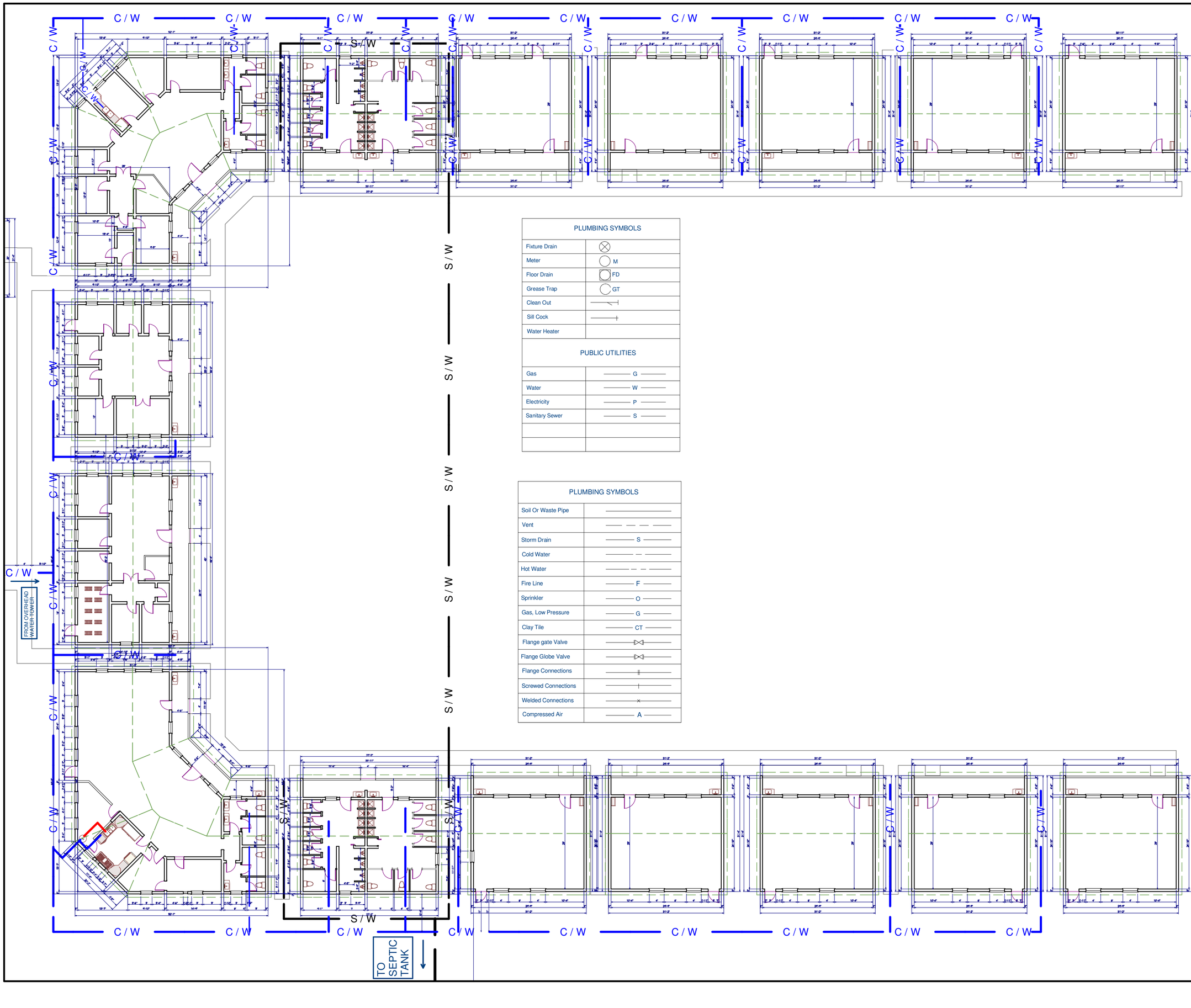
BSCE, MS (STRUCT. ENG)

SHEET TITLE
ELECTRICAL LAYOUT

PROJECT LOCATION
LIBERIA, WEST AFRICA

OWNER
BMS Alumni

CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com



PLUMBING SYMBOLS	
Fixture Drain	
Meter	M
Floor Drain	FD
Grease Trap	GT
Clean Out	
Sill Cock	
Water Heater	
PUBLIC UTILITIES	
Gas	G
Water	W
Electricity	P
Sanitary Sewer	S

PLUMBING SYMBOLS	
Soil Or Waste Pipe	
Vent	
Storm Drain	S
Cold Water	
Hot Water	
Fire Line	F
Sprinkler	O
Gas, Low Pressure	G
Clay Tile	CT
Flange gate Valve	
Flange Globe Valve	
Flange Connections	
Screwed Connections	
Welded Connections	
Compressed Air	A

SHEET NUMBER 01 OF 01

REVISION

ADDITIONAL CLASSROOMS + RESTROOMS

SCALE: 1/8" = 1'-0"

DATE: MARCH 2016

DESIGN: S. KPEYEI | BSCE, MS (STRUCT. ENG)

SHEET TITLE
ELECTRICAL LAYOUT

PROJECT LOCATION
LIBERIA, WEST AFRICA

OWNER
BMS Alumni

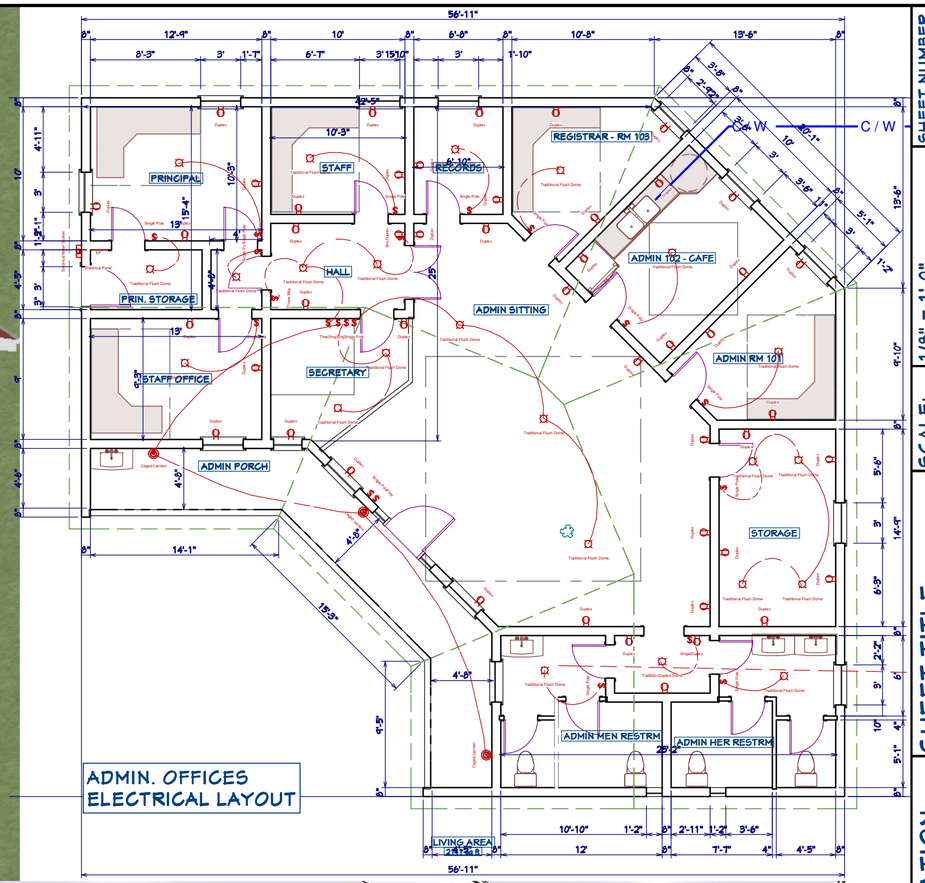
CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com

CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com

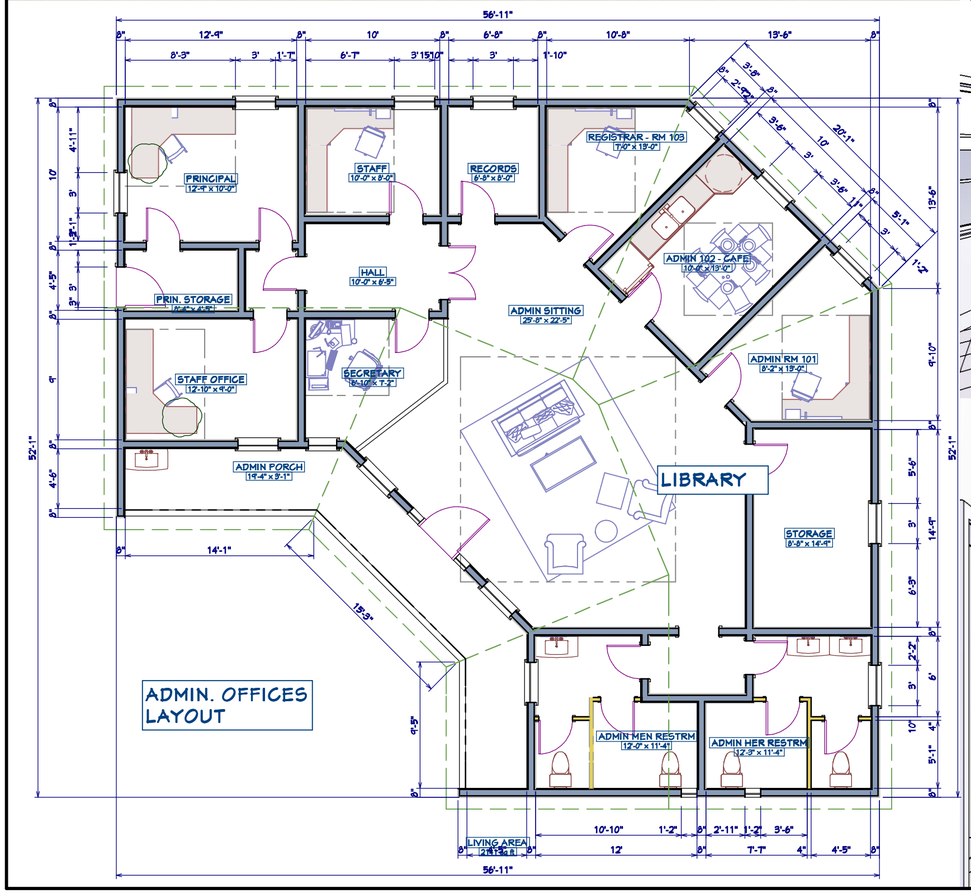
OWNER	PROJECT LOCATION	SHEET TITLE
BMS Alumni	LIBERIA, WEST AFRICA	CAMPUS SNAPSHOT

SCALE:	1/8" = 1'-0"	SHEET NUMBER	
DATE:	MARCH 2016	01 OF 01	
DESIGN:		REVISION	
S. KPEYEI	BSCE, MS (STRUCT. ENG)	ADDITIONAL - CLASSROOMS - RESTROOMS	

ADMINISTRATIVE OFFICES

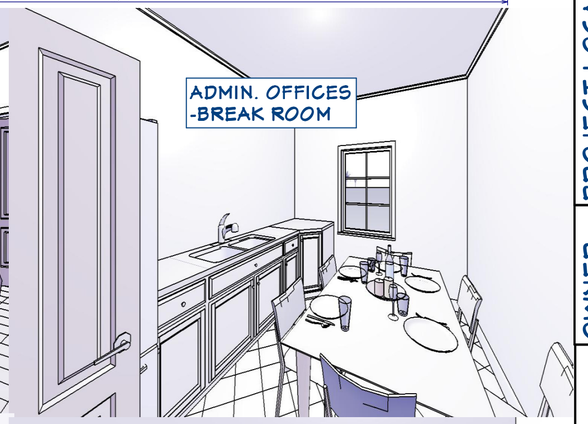


ADMIN. OFFICES
ELECTRICAL LAYOUT

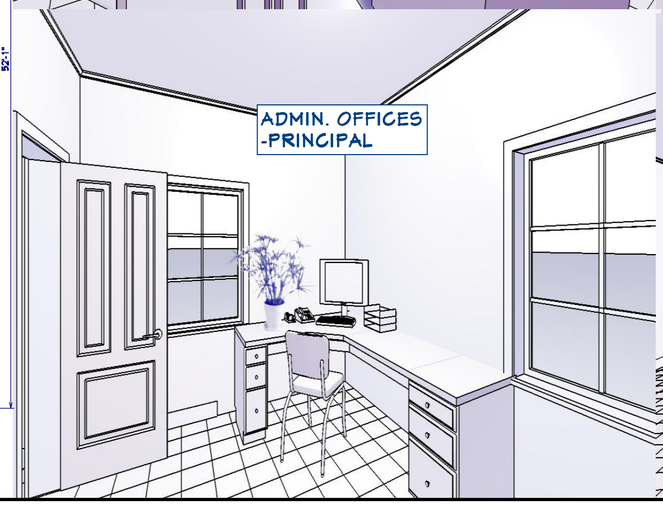


ADMIN. OFFICES
LAYOUT

ADMIN. OFFICES
-RECEPTION AREA



ADMIN. OFFICES
-BREAK ROOM



ADMIN. OFFICES
-PRINCIPAL

ADMIN. OFFICES
-FRONT AREA

SHEET NUMBER 01 OF 01

REVISION

ADDITIONAL CLASSROOMS + RESTROOMS

SCALE: 1/8" = 1'-0"

DATE: MARCH 2016

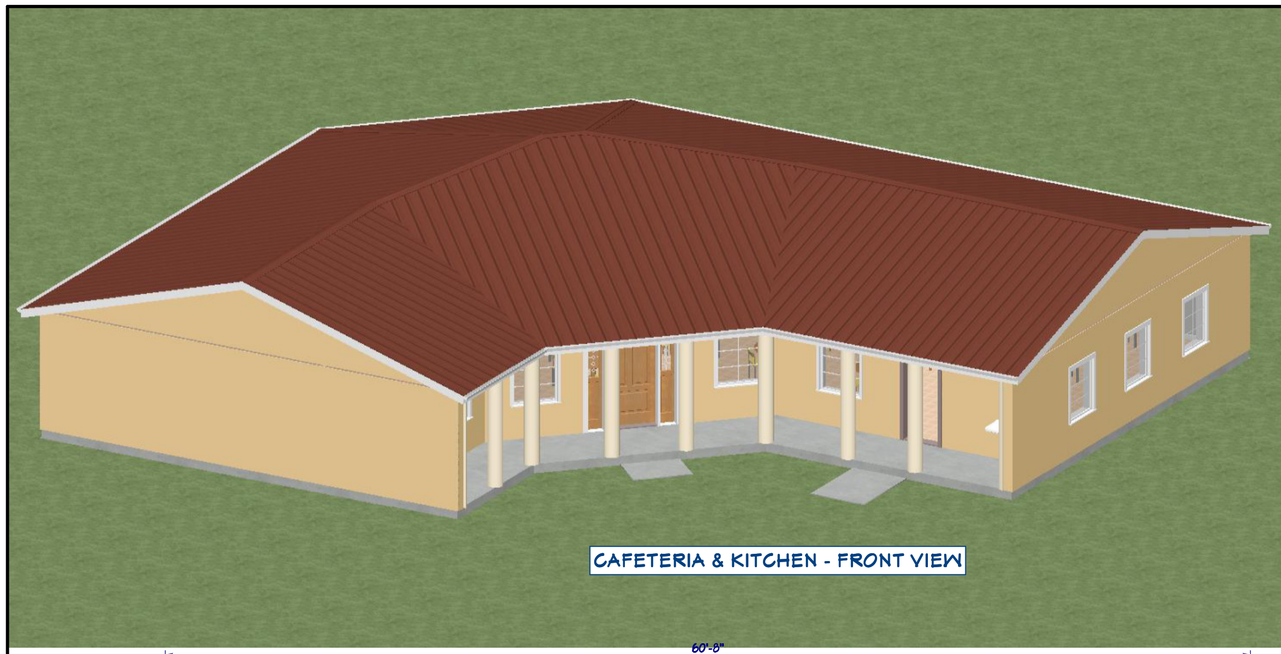
DESIGN: S. KPEYEI | BSCE, MS (STRUCT. ENG)

SHEET TITLE
ADMINISTRATIVE OFFICES

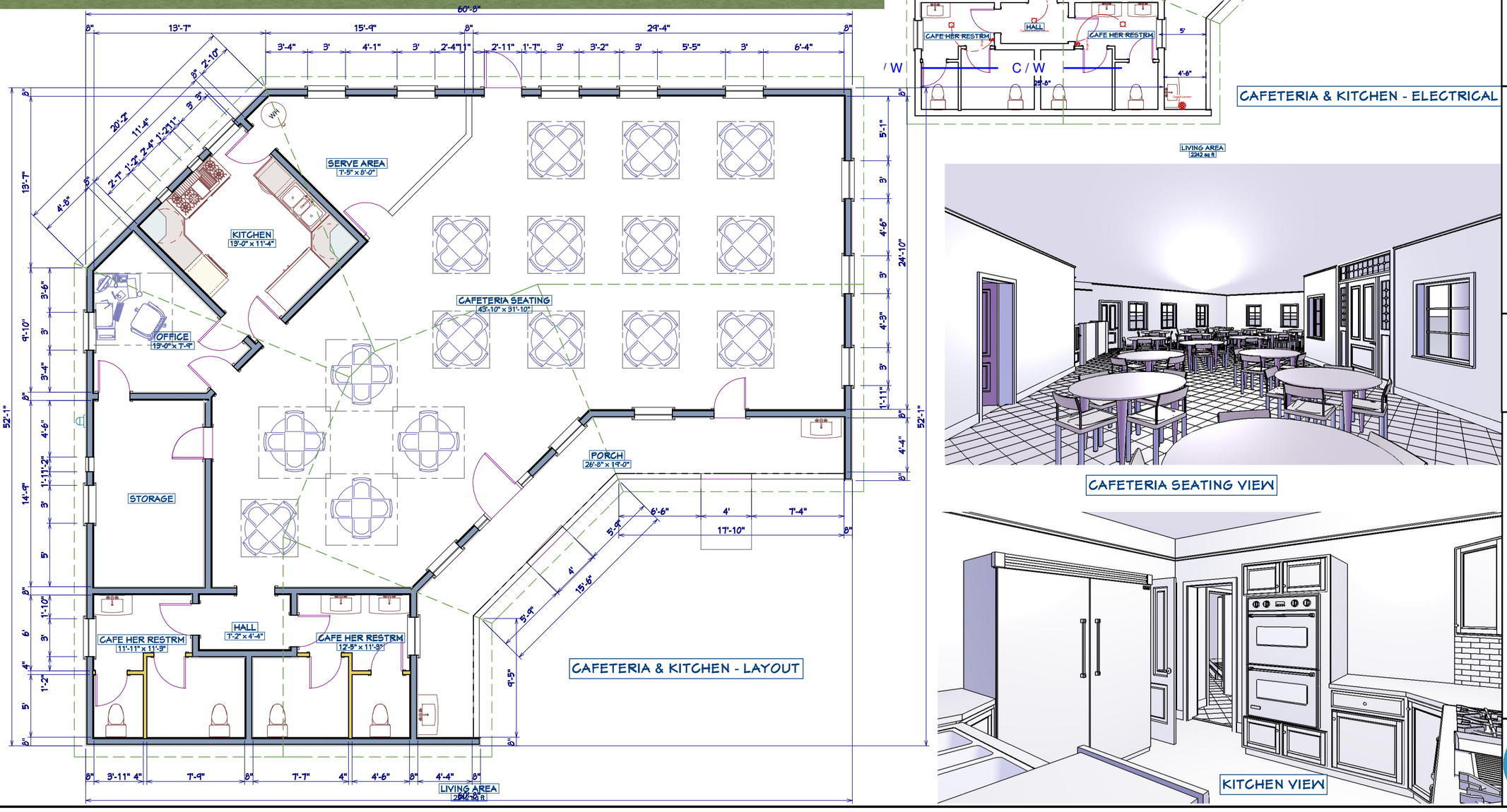
PROJECT LOCATION
LIBERIA, WEST AFRICA

OWNER
BMS Alumni

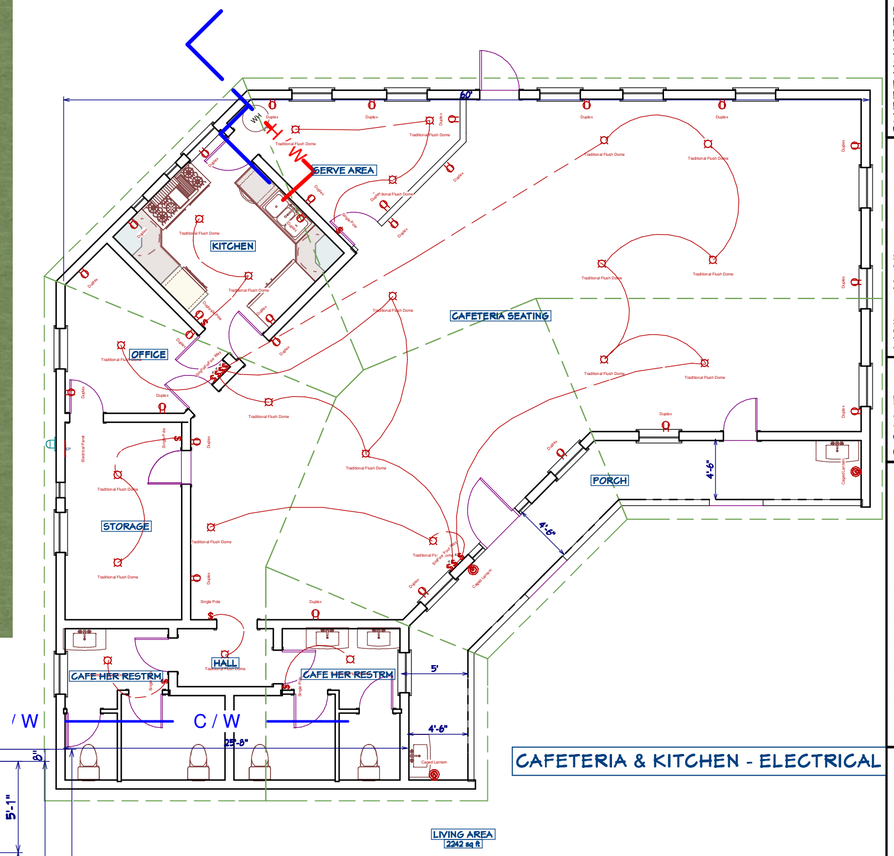
CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com



CAFETERIA & KITCHEN - FRONT VIEW



CAFETERIA & KITCHEN - LAYOUT



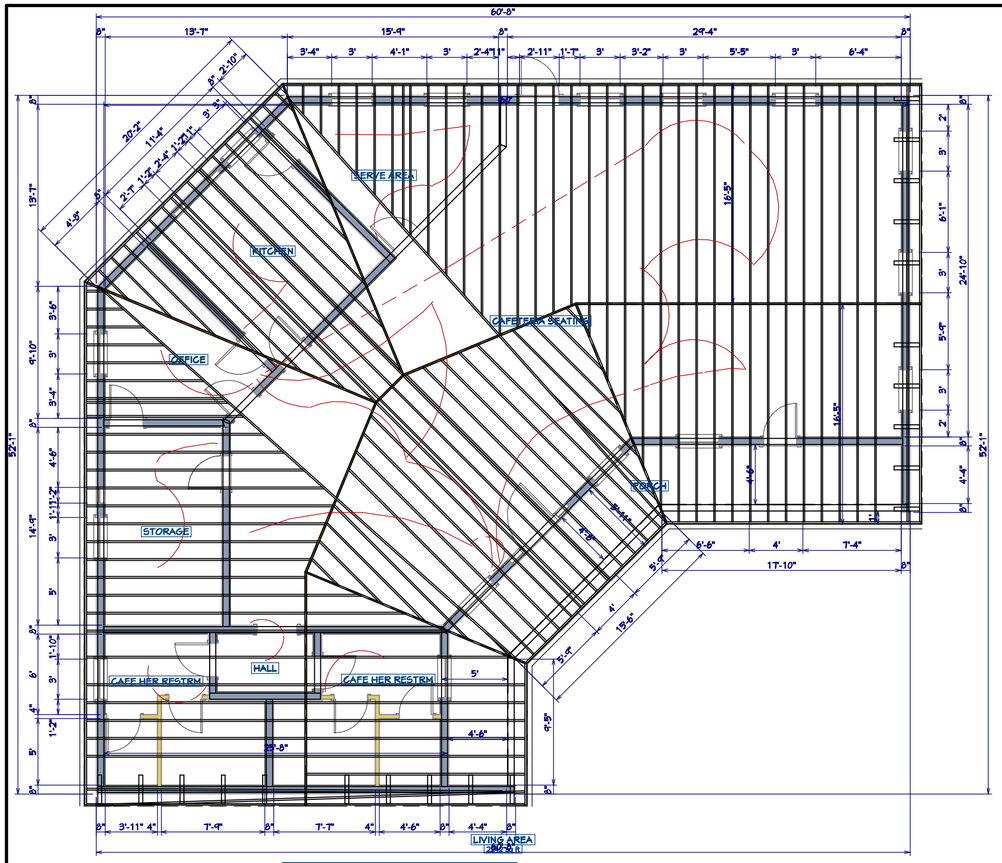
CAFETERIA & KITCHEN - ELECTRICAL

CAFETERIA SEATING VIEW

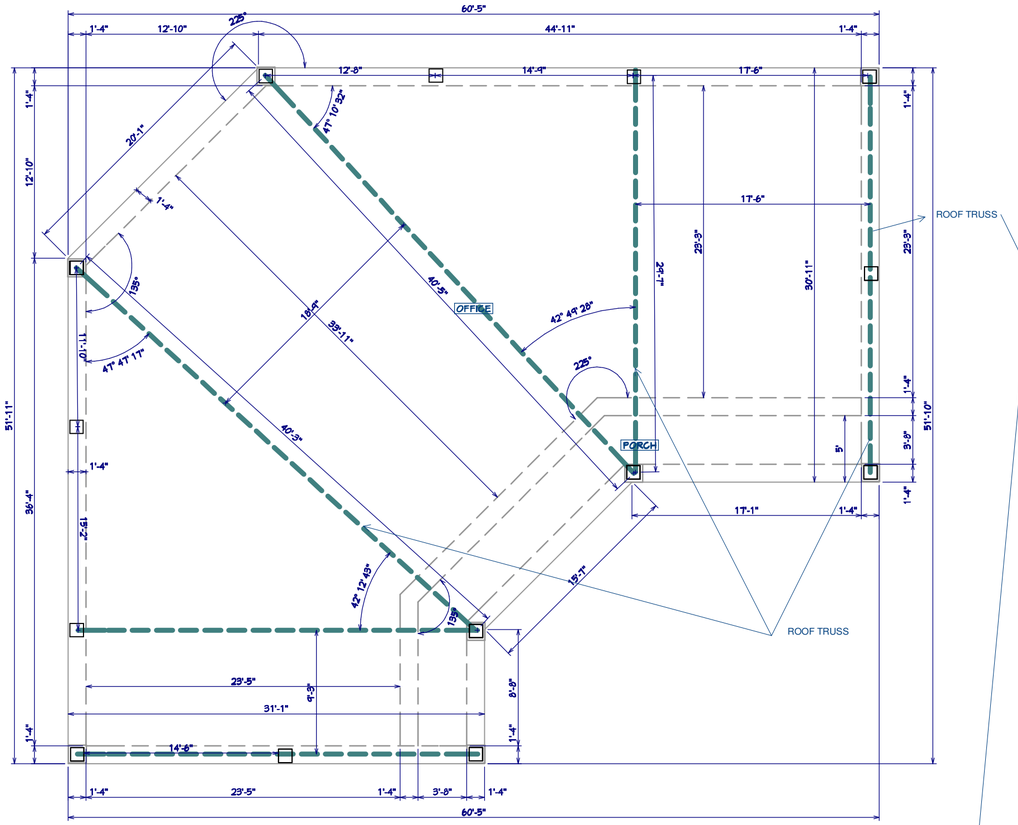
KITCHEN VIEW

SHEET NUMBER	01 OF 01
REVISION	ADDITIONAL CLASSROOMS + RESTROOMS
SCALE:	1/8" = 1'-0"
DATE:	MARCH 2016
DESIGN:	S. KPEYEI, BSCE, MS (STRUCT. ENG)
SHEET TITLE	CAFETERIA
PROJECT LOCATION	LIBERIA, WEST AFRICA
OWNER	BMS Alumni

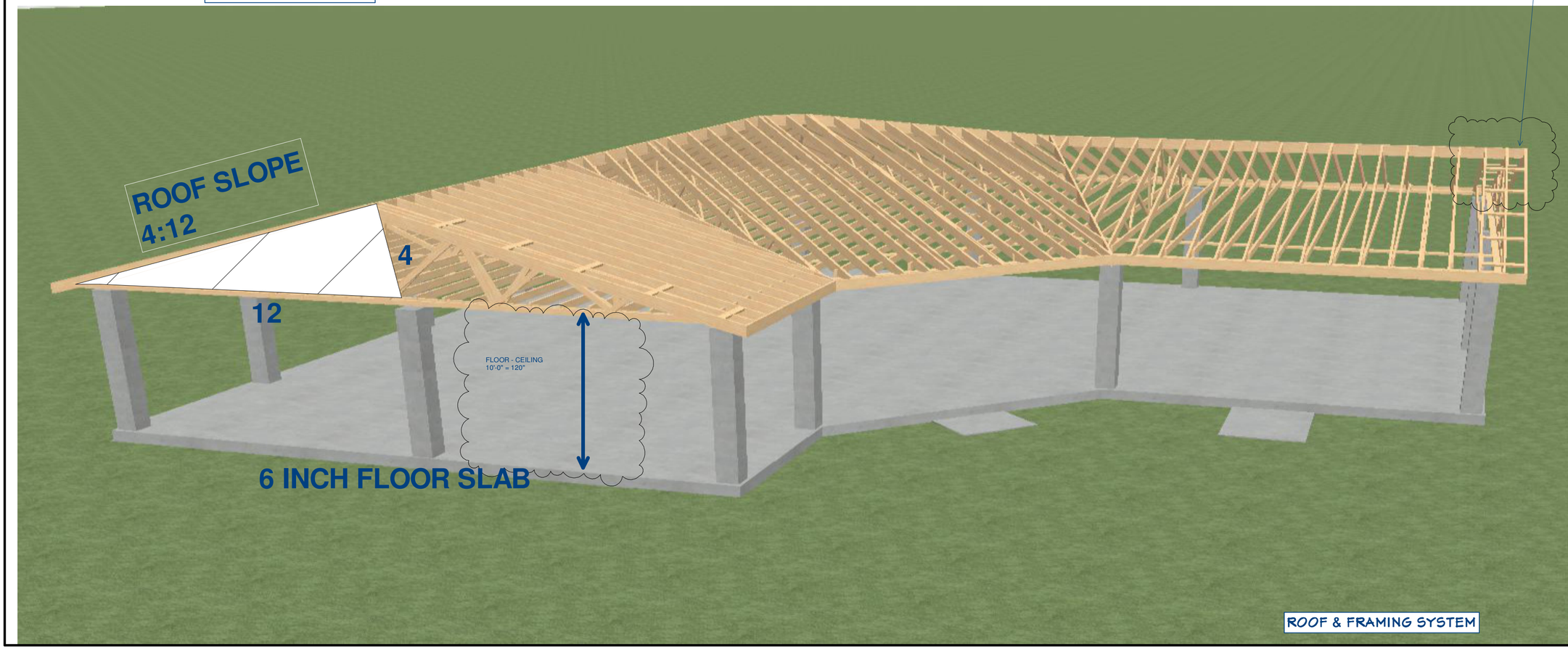
CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
www.crosscreteservicesgroup.com



CAFETERIA PLAN VIEW



CAFETERIA FOUNDATION VIEW



ROOF & FRAMING SYSTEM

SHEET NUMBER	01 OF 01
REVISION	ADDITIONAL CLASSROOMS + RESTROOMS
SCALE:	1/8" = 1'-0"
DATE:	MARCH 2016
DESIGN:	S. KPEYEI | BSCE, MS (STRUCT. ENG)

SHEET TITLE
CAFETERIA

PROJECT LOCATION
LIBERIA, WEST AFRICA

OWNER
BMS Alumni

CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
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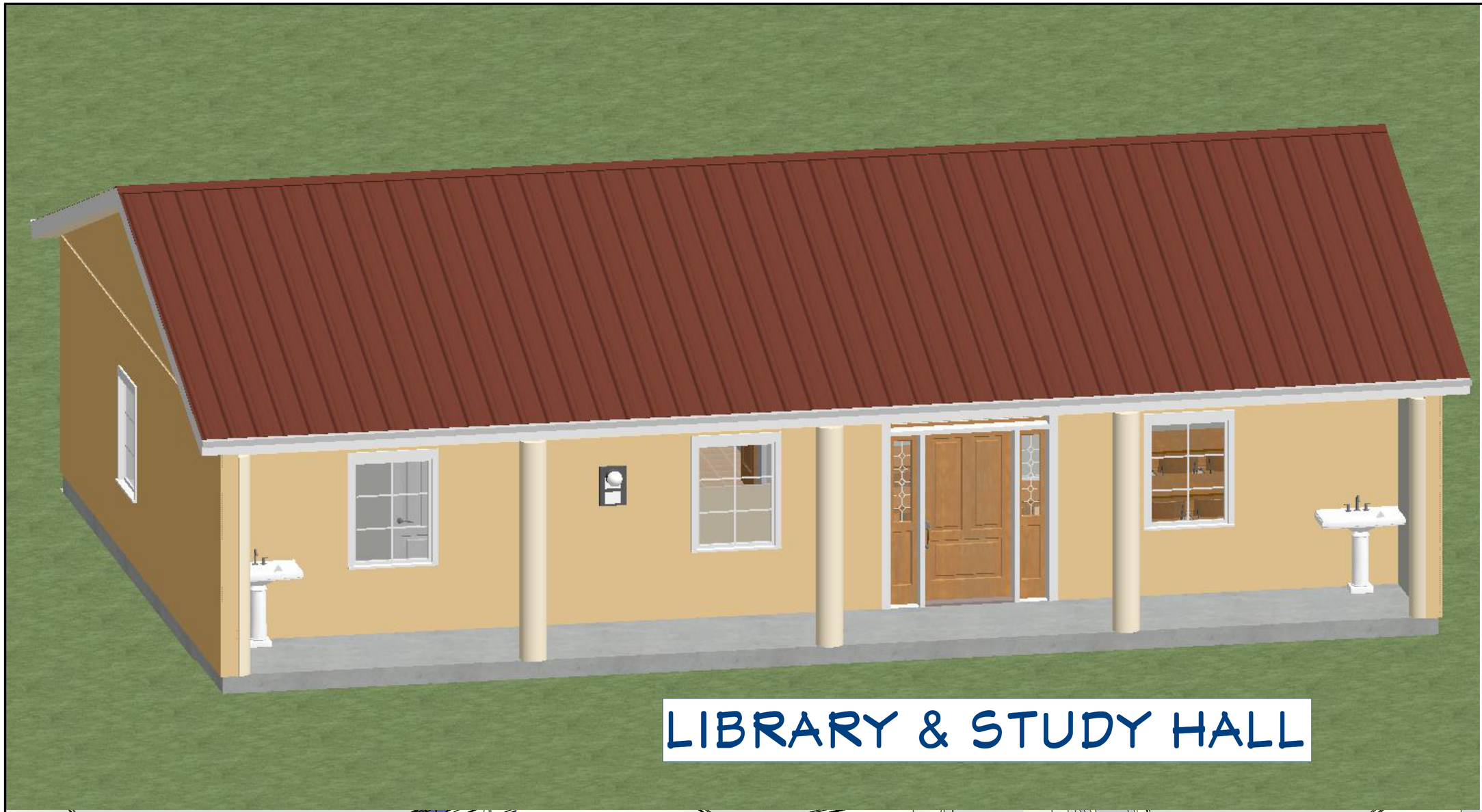
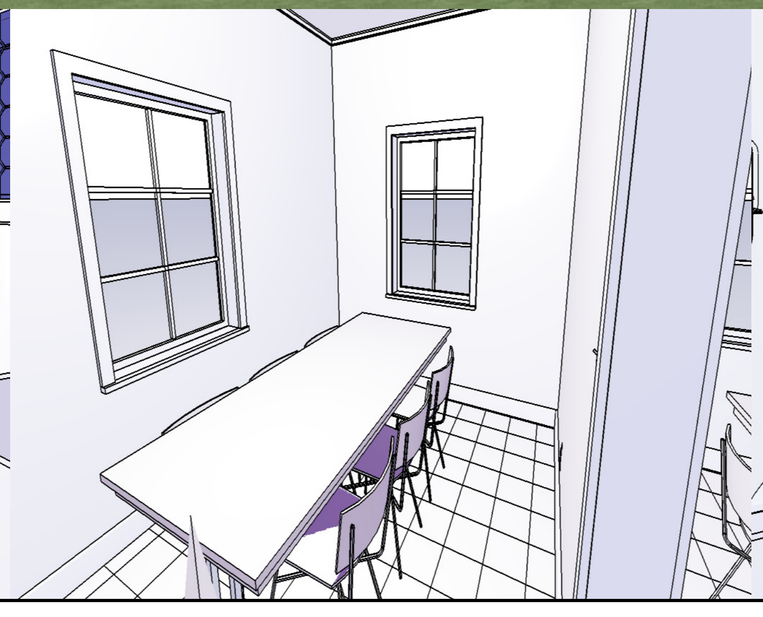
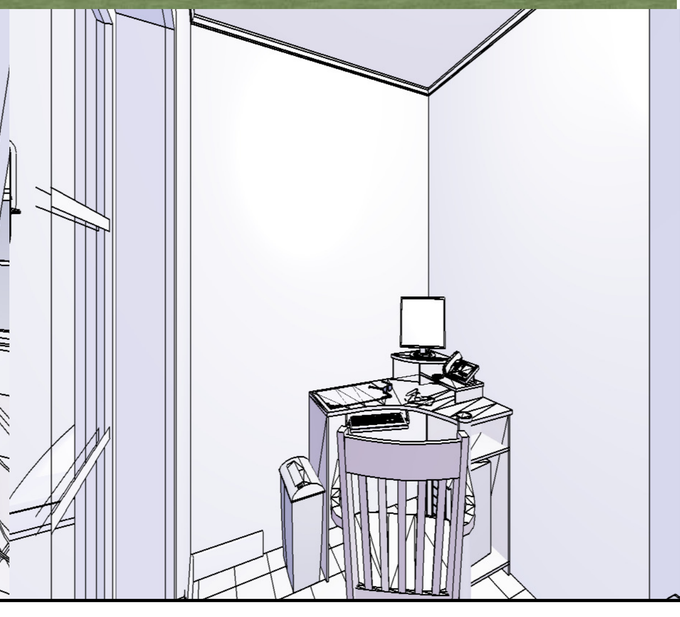


LIBRARY & STUDY HALL





PROJECT LOCATION	SHEET TITLE
LIBERIA, WEST AFRICA	CAMPUS SNAPSHOT

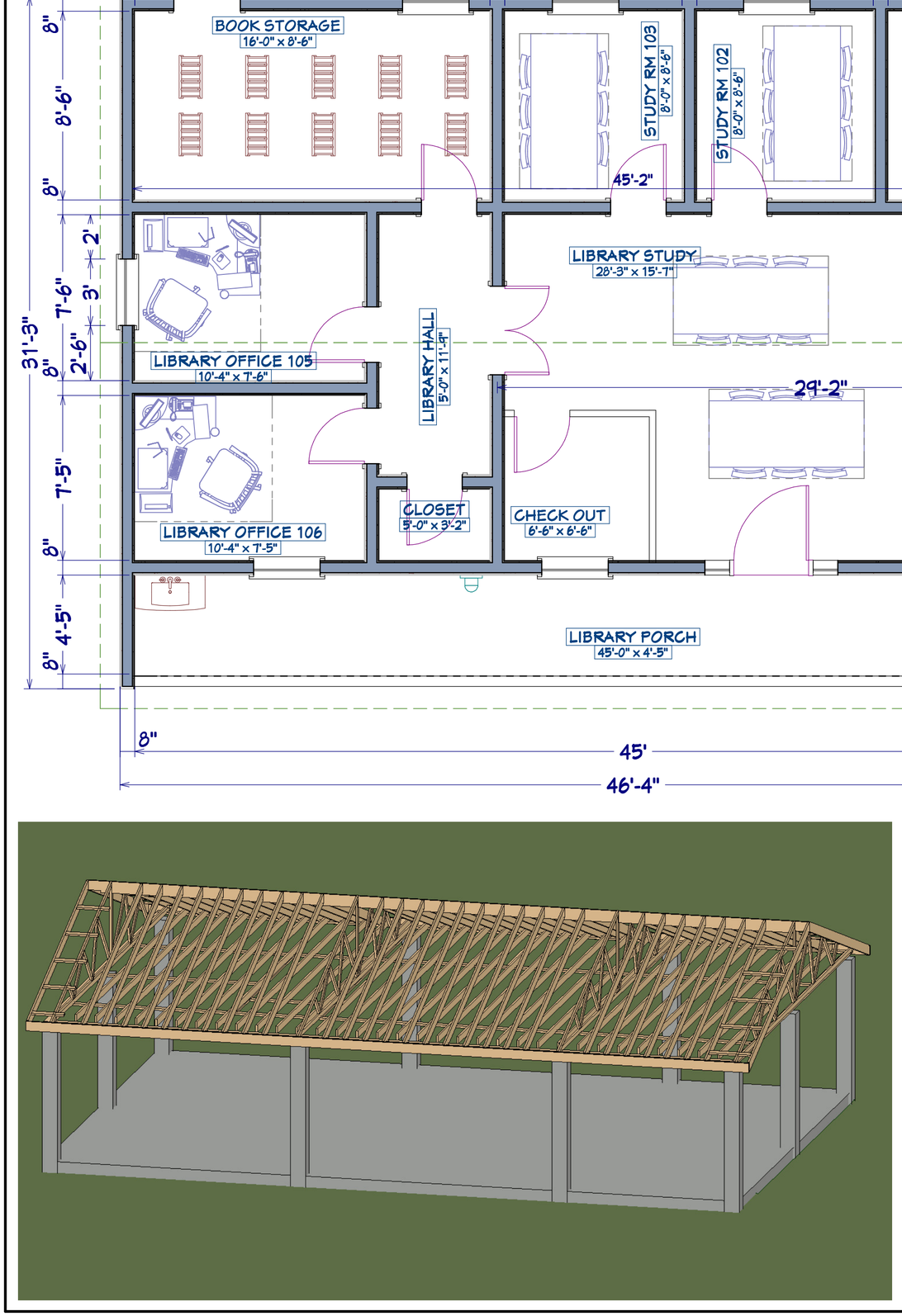
SCALE:	1/8" = 1'-0"
DATE:	MARCH 2016
DESIGN:	
S. KPEYEI | BSCE, MS (STRUCT. ENG)	

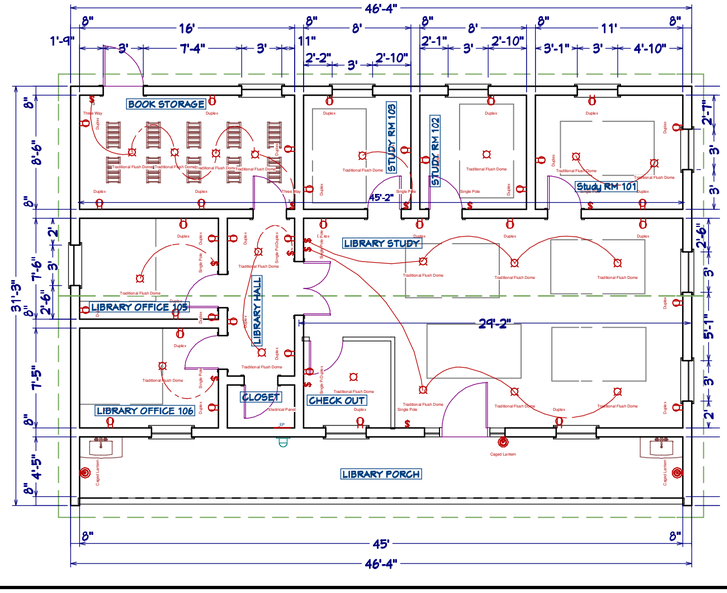
SHEET NUMBER	
01 OF 01	
REVISION	
ADDITIONAL CLASSROOMS + RESTROOMS	

OWNER	
BMS Alumni	LIBERIA, W

CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com

LIBRARY & STUDY HALL





SHEET NUMBER	01 OF 01
SCALE:	1/8" = 1'-0"
DATE:	MARCH 2016
DESIGN:	S. KPEYEI, BSCE, MS (STRUCT. ENG)
REVISION	ADDITIONAL CLASSROOMS + RESTROOMS
SHEET TITLE	CAMPUS SNAPSHOT
PROJECT LOCATION	LIBERIA, WEST AFRICA
OWNER	BMS Alumni

CROSSCRETE SERVICES
LAWRENCEVILLE, GA 30046
(678) 458 - 9562
ssimeonk@gmail.com

PROJECT: **ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.**

CAMPUS FOOT PRINT : 250 FEET X 300 FEET **LOCATION: LIBERIA, WEST AFRICA**

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
	PROPOSED PHASE ONE						
ITEM	**DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT RATE**	**ITEM PRICING**	**PERCENT OF PHASE**	**COMMENTS**
1.00	**PROFILE OF STRUCTURES**						**AREAS TO CONSIDER**
1.1	Roundpoles (m/s)	Pcs	200	$1.75	$350.00		**FOR COST CONTROL**
1.2	Rafters	Pcs	400	$2.25	$900.00		
1.3	Assorted wire nails	Pks	120	$0.75	$90.00		**SAND - $100,000**
1.4	Cutlasses	Pcs	45	$3.00	$135.00		**CRUSHED ROCK - $125,000**
1.5	Plastic Lines	Rolls	75	$2.50	$187.50		**GRAVEL/LATERITE - $25,000**
			Sub-Total		**$1,662.50**	**0.20**	**EXCAVATION - $10,000**
							LABOR - $195,000
2.00	**DIGGING OF FOUNDATION (1200.00 CY)**						**TRANSPORT - $245,000**
2.1	Excavate Foundation to require level & Compaction	CY	1200	$5.75	$6,900.00		
			Sub-Total		**$6,900.00**	**0.83**	
3.00	**CASTING OF FOUNDATION TRENCH AND COLUMN FOOTING (50.00 CY) - 16" WIDTH X 24" DEPTH**						**BOLAHUN MAY HAVE LOWER RATE FOR SAND ($140 PER CUBIC YARD) AND CRUSHED ROCK ($240 PER CUBIC YARD) THAN MONROVIA**
3.1	Cement	Bags	600	$8.00	$4,800.00		
3.2	Sand	CY	75	$140.00	$10,500.00		
3.3	1/2" Ø Crushed Rocks	CY	145	$240.00	$34,800.00		
3.4	1/2" Ø Steel Rod - 12 FEET	Pcs	9000	$7.50	$67,500.00		
3.5	1/4" Ø Steel Rods - 12 FEET	Pcs	6000	$5.00	$30,000.00		
3.6	Tie Wire (25 Kgs)	Roll	70	$10.00	$700.00		
3.7	Roundpoles (m/s)	Pcs	90	$1.75	$157.50		
3.8	1" x 12" x 14' Wawa	Pcs	200	$5.00	$1,000.00		
			Sub-Total		**$149,457.50**	**18.00**	

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
4.00	**FOUNDATION BLOCKLAYING (650.00 SY)**						
4.1	8" Concrete Blocks (8" x 8" x 18") - 2FT TO 4 FT	Pcs	9000	$0.90	$8,100.00		
4.2	Sand	CY	45	$140.00	$6,300.00		
4.3	Cement	Bags	150	$8.00	$1,200.00		
			Sub-Total		**$15,600.00**	**1.88**	
5.00	**BACKFILLING OF FOUNDATION (Gravel, Sand & Laterite) (90.00 CY)**						
5.1	Laterite	CY	150	$140.00	$21,000.00		
5.2	Sand	CY	85	$140.00	$11,900.00		
			Sub-Total		**$32,900.00**	**2,164.47**	
6.00	**CASTING OF 240 COLUMNS 12" x 12" @ 10'-0" (94.00 CY)**						
6.1	1" X 12" X 14' Wawa	Pcs	600	$5.00	$3,000.00		
6.2	Assorted Steel Nails	Pks	120	$4.50	$540.00		
6.3	Tie Wire (25 Kgs)	Roll	70	$10.00	$700.00		
6.4	1/2" Ø Steel Rod - 12 FEET	Pcs	4500	$7.50	$33,750.00		
6.5	1/4" Ø Steel Rods - 12 FEET	Pcs	3500	$5.00	$17,500.00		
6.6	Cement	Bags	450	$8.00	$3,600.00		
6.7	Sand	CY	65	$140.00	$9,100.00		
6.8	1/2" Ø Crushed Rocks	CY	75	$240.00	$18,000.00		
			Sub-Total		**$86,190.00**	**10.38**	

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
7.00	**CASTING OF ROOF TIE BEAMS 8" x 18 " (49.00 CY)**						
7.1	1" X 12" X 14' Wawa	Pcs	180	$5.00	$900.00		
7.2	Assorted Steel Nails	Pks	150	$3.50	$525.00		
7.3	Tie Wire (25 Kgs)	Roll	90	$10.00	$900.00		
7.4	1/2" Ø Steel Rod - 12 FEET	Pcs	2250	$7.50	$16,875.00		
7.5	1/4" Ø Steel Rods - 12 FEET	Pcs	2500	$5.00	$12,500.00		
7.6	Cement	Bags	245	$8.00	$1,960.00		
7.7	Sand	CY	45	$140.00	$6,300.00		
7.8	1/2" Ø Crushed Rocks	CY	60	$240.00	$14,400.00		
			Sub-Total		**$54,360.00**	**6.55**	
8.00	**CASTING OF 6-INCH 1ST FL CONCRETE FLOOR SLAB (935.00 CY)**						
8.1	1" x 10" x 14' Wawa	Pcs	450	$3.50	$1,575.00		
8.2	Roundpoles (m/s)	Pcs	120	$0.50	$60.00		
8.3	Assorted steel nails	Pks	400	$3.50	$1,400.00		
8.4	Tie Wire (25 Kgs)	Roll	2100	$10.00	$21,000.00		
8.5	1/4" Ø Steel Rods - 12 FEET or use mesh wire	Pcs	4500	$5.00	$22,500.00		
8.6	Cement	Bags	8800	$8.00	$70,400.00		
8.7	Sand	CY	115	$140.00	$16,100.00		
8.8	1/2" Ø Crushed Rocks	CY	120	$240.00	$28,800.00		
8.9	2" x 4" x 14' Redwood	Pcs	180	$4.00	$720.00		
			Sub-Total		**$162,555.00**	**19.58**	

PROJECT: **ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.**

CAMPUS FOOT PRINT : 250 FEET X 300 FEET **LOCATION: LIBERIA, WEST AFRICA**

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
9.00	**CASTING OF 4 FT WIDE 6-INCH THICK PORCH CONCRETE FLOOR SLAB (290.50 CY)**						
9.1	1" x 10" x 14' Wawa	Pcs	212	$3.50	$742.00		
9.2	Roundpoles (m/s)	Pcs	40	$0.50	$20.00		
9.3	Assorted steel nails	Pks	150	$3.50	$525.00		
9.4	Tie Wire (25 Kgs)	Roll	80	$10.00	$800.00		
9.5	1/4" Ø Steel Rods - 12 FEET or use mesh wire	Pcs	2150	$5.00	$10,750.00		
9.6	Cement	Bags	315	$8.00	$2,520.00		
9.7	Sand	CY	40	$140.00	$5,600.00		
9.8	1/2" Ø Crushed Rocks	CY	45	$240.00	$10,800.00		
9.9	2" x 4" x 14' Redwood	Pcs	45	$4.00	$180.00		
			Sub-Total		**$31,937.00**	**3.85**	
ITEM	**DESCRIPTION**	**UNIT**	**QUANTITY**	**RATE**	**EXTENSION**	**PERCENT OF PROJECT**	**COMMENTS**
10.00	**SUPER STRUCTURE WALL CONSTRUCTION - 10 FEET CEILING HEIGHT (120 INCHES)**						
10.1	Concrete Blocks (6" x 8" x 18")	Pcs	60000	$0.80	$48,000.00		
10.2	Casted 36" Service Counters in Cafeteria, Library & Adm	FT	60	$20.25	$1,215.00		
10.3	Cement	Bags	900	$8.00	$7,200.00		
10.4	Sand	CY	90	$140.00	$12,600.00		
			Sub-Total		**$69,015.00**	**8.31**	

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
11.00	**CONCRETE WORKS (WINDOW LINTEL - 60.5 CY): 6" DEPTH X 6" WIDTH**						
11.1	1" X 12" X 14' Wawa	Pcs	180	$5.00	$900.00		
11.2	Assorted Steel Nails	Pks	95	$3.50	$332.50		
11.3	Tie Wire (25 Kgs)	Roll	65	$20.00	$1,300.00		
11.4	1/2" Ø Steel Rod - 12 FEET	Pcs	1450	$9.50	$13,775.00		
11.5	1/4" Ø Steel Rods - 12 FEET	Pcs	1650	$5.00	$8,250.00		
11.6	Cement	Bags	145	$8.00	$1,160.00		
11.7	Sand	CY	30	$140.00	$4,200.00		
11.8	1/2" Ø Crushed Rocks	CY	45	$240.00	$10,800.00		
			Sub-Total		**$40,717.50**	**4.90**	
12.00	**ROOF FRAMING & SHEETING**						
12.1	2" x 12" x 14' Redwood	Pcs	600	$5.00	$3,000.00		
12.2	2" x 10" x 14' Redwood	Pcs	725	$4.00	$2,900.00		
12.3	2" x 6" x 14' Redwood	Pcs	1300	$4.25	$5,525.00		
12.4	1" x 8" x 14' Redwood - Eaves	Pcs	180	$4.50	$810.00		
12.5	1" x 4" x 14' Redwood	Pcs	80	$3.50	$280.00		
12.6	Carboline (5 Gals)	Drums	24	$40.00	$960.00		
12.7	Fuel Oil	Gals	45	$3.55	$159.75		
12.8	Polish aluminum zinc Sheeting (0.28mm Gauge)	Bundles	450	$175.00	$78,750.00		*
12.9	Aluminum Combing (18")	LF	800	$1.05	$840.00		
12.10	Zinc Nails (71/2 Lbs)	Boxes	60	$5.00	$300.00		
12.11	Felt Washers	Rolls	30	$10.00	$300.00		
12.12	Assorted wire Nails	Bags	30	$25.00	$750.00		
12.13	Valley Flashings	LF	450	$4.50	$2,025.00		
12.14	Gutter	LF	1400	$6.00	$8,400.00		
12.15	Fascia (Dress 1" x 10" x 14')	Pcs	290	$8.75	$2,537.50		
			Sub-Total		**$107,537.25**	**12.95**	

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
13.00	**WHEEL CHAIR RAMPS & STEPS**						
13.1	2" x 12" x 6' Redwood - THREAD (12")	Pcs	145	$5.00	$725.00		
13.2	2" x 8" x 8' Redwood - RISERS (6" - 8 ")	Pcs	200	$4.00	$800.00		
13.3	2" x 12" x 14' Redwood -STRINGER	Pcs	72	$4.25	$306.00		
13.4	Zinc Nails (71/2 Lbs)	Boxes	4	$5.00	$20.00		
13.5	Felt Washers	Rolls	2	$10.00	$20.00		
13.6	Assorted wire Nails	Bags	2	$25.00	$50.00		
13.7	Cement	Bags	45	$8.00	$360.00		
13.8	Sand	CY	9	$140.00	$1,260.00		
13.9	1/2" Ø Crushed Rocks	CY	11	$240.00	$2,640.00		
13.10	Roundpoles (m/s)	Pcs	25	$1.00	$25.00		
13.11	Plastic Lines	Rolls	8	$1.25	$10.00		
13.12	1/2" Ø Steel Rods	Pcs	90	$7.50	$675.00		
13.13	1/4" Ø Steel Rods	Pcs	45	$5.00	$225.00		
			Sub-Total		**$7,116.00**	**0.86**	
14.00	**INSTALLATION OF DOOR FRAMES**						
14.1	Door frames (single) - 30"	Set	45	$15.00	$675.00		
14.2	Door frames (single) - 32"	Set	20	$17.00	$340.00		
14.3	Door frames (single) - 36"	Set	34	$21.00	$714.00		
14.4	Door frames (Double) - 48"	Set	4	$28.00	$112.00		
14.5	Door frames (Double) - 72"	Set	4	$28.00	$112.00		
14.6	Cement	Bags	18	$8.00	$144.00		
14.7	Crushed rock	CY	8	$240.00	$1,920.00		
14.8	Sand	CY	9	$140.00	$1,260.00		
14.9	Wire nail	Pks	40	$0.50	$20.00		
			Sub-Total		**$5,297.00**	**0.64**	
15.00	**PLASTERING (IN/OUT)**						

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
15.1	Cement	Bags	190	$8.00	$1,520.00		
15.2	Sand (Smooth plastering sand)	CY	90	$140.00	$12,600.00		
			Sub-Total		**$14,120.00**	**1.70**	
16.00	**ELECTRICAL WORKS (Instillation of conduit, Junction and utility cups.)**						
16.1	3/4" Ø PVC Conduit	Set	3000	$6.00	$18,000.00		
16.2	Utility cup	Pcs	210	$5.00	$1,050.00		**COMMENTS**
16.3	Junction cup	Pcs	60	$15.00	$900.00		
					$19,950.00	**2.40**	
							*
ITEM	**DESCRIPTION**	**UNIT**	**QUANTITY**	**RATE**	**EXTENSION**	**PERCENT OF PROJECT**	
17.00	**CEILING WORKS**						*
17.1	Ceiling Joist (2" x 2" x 14' Redwood)	Pcs	450	$2.75	$1,237.50		
17.2	Hard Board (1/2" x 2'-0" x 4'-0" Plywood)	Pcs	2250	$8.50	$19,125.00		
17.1	Ceiling Strips (1/2" x 2" x 14' Redwood)	Pcs	750	$1.45	$1,087.50		
17.3	Assorted wire nail	Bags	45	$25.00	$1,125.00		
17.4	Corner strips	Pcs	450	$5.00	$2,250.00		*
			Sub Total		**$24,825.00**	**2.99**	*
							*
TOTAL COST OF MATERIALS					**$830,139.75**	**2,260.51**	
ADD 20% FOR WORKMANSHIP					**$166,027.95**		
ADD 10% FOR TRANSPORTATION					**$83,013.98**		
ADD 5% FOR CONTIGENCY					**$41,506.99**		
GRAND TOTAL FOR PHASE ONE					**$1,120,688.66**		

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET **LOCATION: LIBERIA, WEST AFRICA**

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
PHASE ONE SCOPE OF WORK							
1.00	PROFILE OF STRUCTURE						
2.00	DIGGING OF FOUNDATION						
3.00	CASTING OF FOUNDATION TRENCH AND COLUMN FOOTING						
4.00	FOUNDATION BLOCKLAYING						
5.00	BACKFILLING OF FOUNDATION (Sand & Laterite)						
6.00	CASTING OF COLUMNS						
7.00	CASTING OF ROOF TIE BEAM						
8.00	CASTING OF FLOOR SLAB						
9.00	CASTING OF PORCH SLAB						
10.00	SUPER STRUCTURE WALL CONSTRUCTION						
11.00	CONCRETE WORKS (Casting of Lintels)						
12.00	ROOF FRAMING & SHEETING						
13.00	STEPS & HANDICAP RAMPS						COMMENTS
14.00	INSTALLATION OF DOOR FRAMES						
15.00	PLASTERING OF WALLS (IN/OUT)						
16.00	ELECTRICAL WORKS (Installation of conduit, Junction and utility cups.)						
17.00	CEILING WORKS						

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
	PROPOSED PHASE TWO						
ITEM	**DESCRIPTION**	**UNIT**	**QUANTITY**	**RATE**	**EXTENSION**	**PERCENT OF PROJECT**	
18.00	**DOORS INSTALLATION**						
18.1	Panel door (single) - 30"	Pcs	45	$50.00	$2,250.00		
18.2	Panel door (single) - 32"	Pcs	20	$60.00	$1,200.00		
18.4	Panel door (Double) - 36"	Pcs	34	$90.00	$3,060.00		
18.5	Panel door (Double) - 48"	Pcs	4	$120.00	$480.00		
19.5	Panel door (Double) - 72"	Pcs	4	$150.00	$600.00		
18.6	Steel door (Single)	Pcs	4	$150.00	$600.00		
18.8	Yele Cylinder lock	Set	120	$45.00	$5,400.00		
18.9	Hinches (large size)	Pair	300	$4.00	$1,200.00		*
			Sub Total		**$14,790.00**	**10.84**	*
							*
19.00	**WINDOWS & BAR INSTALLATION**						*
19.1	Glass Window (24" W x 24" H)	Set	12	$180.00	$2,160.00		*
19.2	Glass Window (36" W x 48" H)	Set	64	$220.00	$14,080.00		*
19.3	Glass Window (48" W x 48" H)	Set	44	$260.00	$11,440.00		
19.4	Window Bar (3'-0" X 3'-0")	Set	12	$50.00	$600.00		
19.5	Window Bar (4'-0" X 5'-0")	Set	64	$60.00	$3,840.00		
19.6	Window Bar (5'-0" X 5'-0")	Set	44	$80.00	$3,520.00		
			Sub Total		**$35,640.00**	**26.11**	

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
20.00	**PLUMBING WORKS (INCLUDING INSTALLATION OF UNDERGROUND PLUMBING LINES) & WATER TOWER**						
20.1	4" Ø PVC Pipe - 12 Feet	Pcs	80	$20.00	$1,600.00		
20.2	2 1/2" Ø PVC Pipe - 12 FEET	Pcs	50	$15.00	$750.00		
20.3	2" Ø PVC Pipe - 12 FEET	Pcs	300	$10.00	$3,000.00		
20.4	1 1/2" Ø PVC Pipe - 12 FEET	Pcs	180	$10.00	$1,800.00		
20.5	1" Ø PVC Pipe	Pcs	45	$8.00	$360.00		
20.6	4" Ø PVC tee	Pcs	30	$5.00	$150.00		
20.7	3" Ø PVC tee	Pcs	60	$5.00	$300.00		
20.8	4" Ø PVC Y	Pcs	15	$5.00	$75.00		
20.9	4 1/2" X 2 1/2" Ø PVC reducer	Pcs	30	$5.00	$150.00		
20.10	3" X 2" Ø PVC reducer	Pcs	18	$3.00	$54.00		
20.11	Assorted PVc elbow	Pcs	75	$5.00	$375.00		
20.12	Plumbing glue	can	18	$10.00	$180.00		*
			Sub Total		**$8,794.00**	**6.44**	
21.00	**ELECTRICAL FIXTURE & GENERATOR HOUSE**						
21.1	Panel box	Set	15	$175.00	$2,625.00		
21.2	Recepticle	set	345	$4.00	$1,380.00		
21.3	Electrical wire #8,10 & 12)	roll	400	$95.00	$38,000.00		*
21.4	Double switch	set	125	$1.75	$218.75		*
21.5	Triple switch	Set	90	$4.50	$405.00		*
21.6	Single switch	Set	125	$1.50	$187.50		
21.7	Florescent Light 24" X 48"	Set	45	$25.00	$1,125.00		
21.8	Ceiling Mounted Light	Set	90	$12.00	$1,080.00		
21.9	Wall Mounted Light	Set	72	$9.00	$648.00		*
			Sub Total		**$45,669.25**	**33.46**	*

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
							*
22.00	**PLUMBING FIXTURE**						*
22.1	Commode complete	Set	34	$180.00	$6,120.00		**COMMENTS**
22.2	Pedestal Face basin complete	Set	26	$125.00	$3,250.00		*
22.3	Tissue Holder	Set	34	$10.00	$340.00		*
22.4	Floor drain	Set	20	$10.00	$200.00		
22.5	Urinals	Set	8	$150.00	$1,200.00		
22.6	Handle Bar	Set	12	$15.00	$180.00		
22.7	Face Basin mirror	Set	14	$125.00	$1,750.00		*
			Sub Total		**13,040.00**	**9.55**	*
							*
23.00	**TILES LAYING & FLOOR SCREENING - TILES IN ADMIN BLDG, LIBRARY & TEACHER LOUNGE**						*
23.1	Floor Tiles 10" X 10" (I Ctn X 15pcs)	Ctn	85	$35.00	$2,975.00		
23.2	Wall tiles 8" X 10" (1Ctn X 24pcs)	Ctn	40	$28.00	$1,120.00		
23.3	Bathroom Tiles 8" x (1Ctn X 24Pcs)	Ctn	75	$28.00	$2,100.00		
23.4	White cement	Bag	45	$10.00	$450.00		*
23.5	Port land cement	Bag	40	$9.00	$360.00		
23.6	Sand	Cy	6	$140.00	$840.00		
23.7	Plastic line	Roll	5	$2.00	$10.00		
23.8	Floor Board (7/8" X 4" X 14' design red wood)	Pcs	500	$10.00	$5,000.00		
			Sub Total		**$12,855.00**	**9.42**	

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

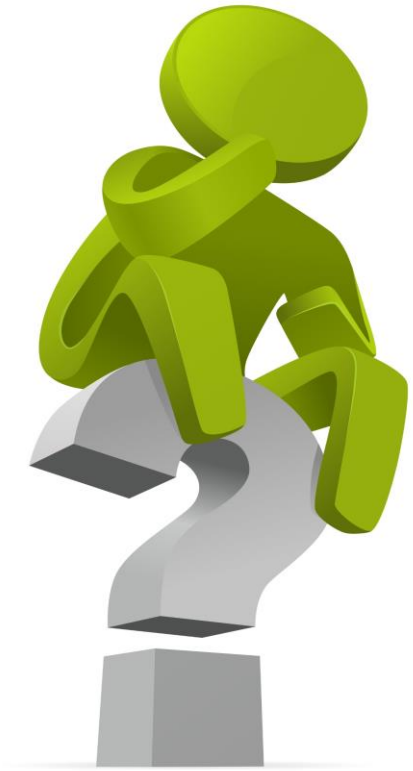
DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
24.00	**PAINTING WORKS (IN/ OUT FOR WALLS, FRAMES & DOOR)**						
24.1	Enamel paint	Ctns	30	$65.00	$1,950.00		*
24.2	Emulsion paint	Ctns	20	$50.00	$1,000.00		*
24.3	Clear vanish	Gals	4	$25.00	$100.00		
24.4	Antirust paint	Gals	12	$20.00	$240.00		
24.5	Wood sealor	Gals	25	$5.00	$125.00		
24.6	wood steam	Quart	10	$10.00	$100.00		
24.7	Thinner	Ctns	6	$75.00	$450.00		
24.8	Rollers brushes	Pcs	20	$5.00	$100.00		
24.9	Paint Brushes (4", 3")	Pcs	20	$10.00	$200.00		
24.10	Whitewash	Bag	80	$15.00	$1,200.00		*
24.11	Whitewash Brushes	Pcs	45	$5.00	$225.00		*
			Sub-Total		**$5,690.00**	**4.17**	*
TOTAL COST OF MATERIALS					**$136,478.25**	**100.00**	
ADD 20% FOR WORKMANSHIP					**$27,295.65**		
ADD 25% FOR TRANSPORTATION					**$34,119.56**		
ADD 5% FOR CONTIGENCY					**$6,823.91**		
GRAND TOTAL FOR PHASE TWO					**$204,717.38**		

PROJECT: ESTIMATED COST FOR THE UPGRADE AND REBUILDING OF ST. AGNES - BOLAHUN MISSION SCHOOL ALUMNI ASSOC.

CAMPUS FOOT PRINT : 250 FEET X 300 FEET LOCATION: LIBERIA, WEST AFRICA

DESCRIPTION: 9 CLASSROOMS, SCIENCE/COMPUTER LABS, 2 RESTROOMS, CAFETERIA, LIBRARY, TEACHER'S LOUNGE AND ADMINISTRATIVE BUILDINGS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	ITEM PRICING	PERCENT OF PHASE	COMMENTS
PHASE TWO SCOPE OF WORK							
18.00	DOORS INSTALLATION						
19.00	WINDOWS & BAR INSTALLATION						
20.00	PLUMBING WORKS (INSTALLATION OF UNDERGROUND PLUMBING LINES)						
21.00	ELECTRICAL FIXTURE						
22.00	PLUMBING FIXTURE						
23.00	TILES LAYING & FLOOR SCREEDING						
24.00	PAINTING WORKS (IN/ OUT FOR WALLS, FRAMES & DOOR)						*
							*
PHASE ONE + PHASE TWO)							*
TOTAL COST OF MATERIALS					**$966,618.00**		
ADD 20% FOR WORKMANSHIP					**$193,323.60**		
ADD 25% FOR TRANSPORTATION					**$241,654.50**		
ADD 5% FOR CONTIGENCY					**$48,330.90**		
GRAND TOTAL ESTIMATED COST FOR ENTIRE PROJECT. (PHASE ONE + PHASE TWO)					**$1,449,927.00**		

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