



Brontosauři V HIMÁLAJÍCH

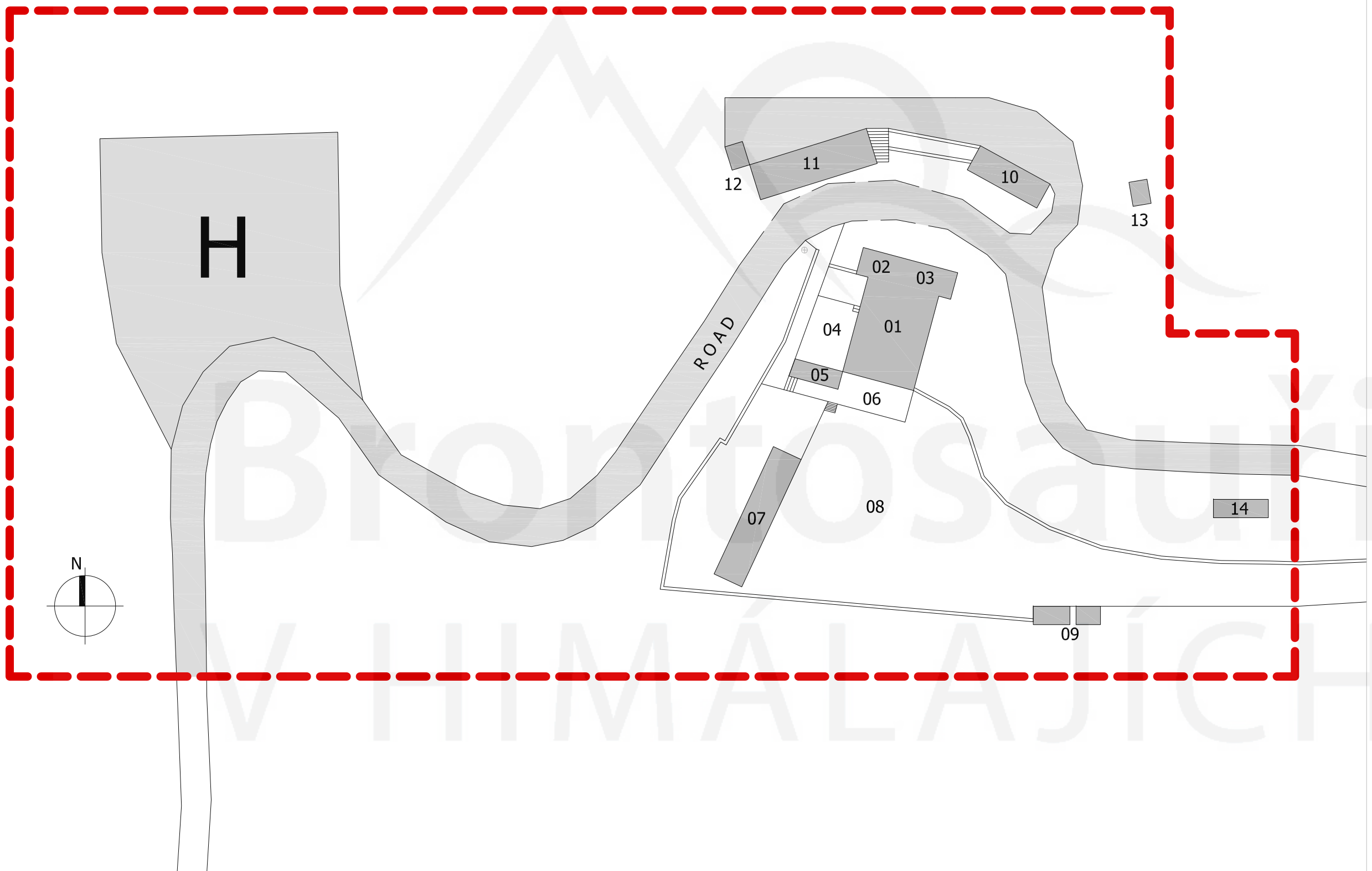
NEW ECO-FRIENDLY PASSIVE SOLAR SPRING DALES PUBLIC SCHOOL
WAKHA / MULBEKH - LADAKH - JAMMU & KASHMIR - INDIA



VIEW OF EXISTING SPRING DALES PUBLIC SCHOOL

EXISTING SITE PLAN

- 01... MAIN HALL
- 02... KITCHEN + STAFF DINING
- 03... LABS
- 04... ASSEMBLY AREA
- 05... LIBRARY
- 06... COVERED PLATFORM
- 07... CLASSROOMS
- 08... OUTDOOR PLAYING AREA
- 09... SCHOOL TOILETS
- 10... NURSERY + MEETING ROOMS
+KITCHEN + ACCOMODATION
- 11... CLASSROOMS + OFFICE
- 12... STAFF TOILET
- 13... SCHOOL TOILET
- 14... PUBLIC TOILET
- H ... HELIPORT



2011 - 2021 OUTLOOK OF STUDENT'S ENROLLMENT

CLASS	2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021	
	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G
LKG	21		24	27	28	31	30	20	25	27												
UKG	21		58		24	27	28	31	30	20	25	27										
1 ST	16		41		58		24	27	28	31	30	20	25	27								
2 ND	13		16		41		58		24	27	28	31	30	20	25	27						
3 RD	8		13		16		41		58		24	27	28	31	30	20	25	27				
4 TH	13		8		13		16		41		58		24	27	28	31	30	20	25	27		
5 TH	4		13		8		13		16		41		58		24	27	28	31	30	20	25	27
6 TH	17		4		13		8		13		16		41		58		24	27	28	31	30	20
7 TH	14		17		4		13		8		13		16		41		58		24	27	28	31
8 TH	7		14		17		4		13		8		13		16		41		58		24	27
9 TH	8		7		14		17		4		13		8		13		16		41		58	
10 TH	15		8		7		14		17		4		13		8		13		16		41	
11 TH	/		/		/		/		/													
12 TH	/		/		/		/		/													
TOTAL	157		250		301		344		382		365		361		348		340		327		311	

Accommod. required	/		33	35	48	46	69	55	79	69												
			68		94		124		148													

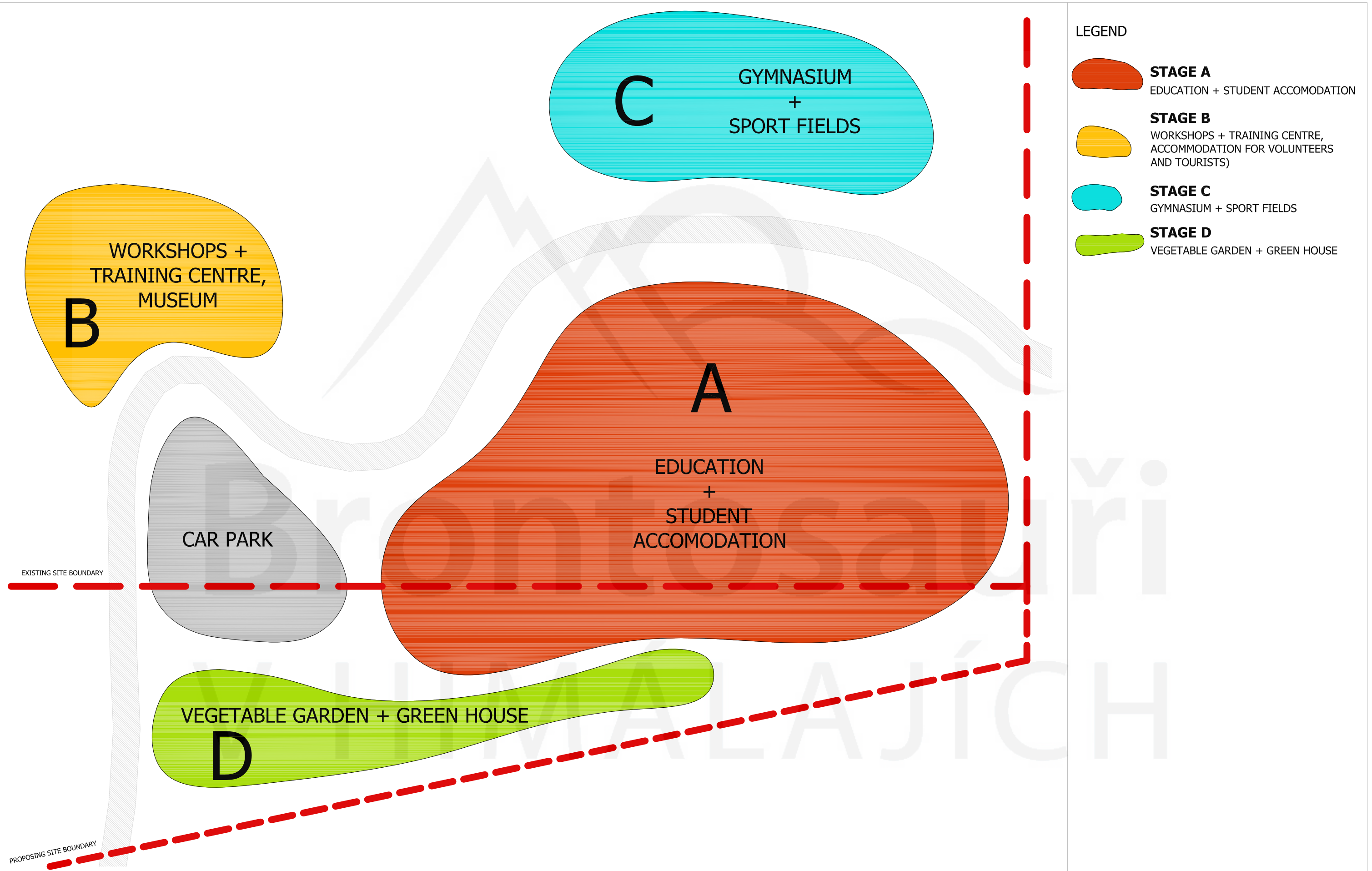
- NUMBER OF CHILDREN EXPECTED TO BE ENROLLED AS OF ACADEMIC YEAR 2012 (BASED ON SURVEY DONE IN DECEMBER 2010)

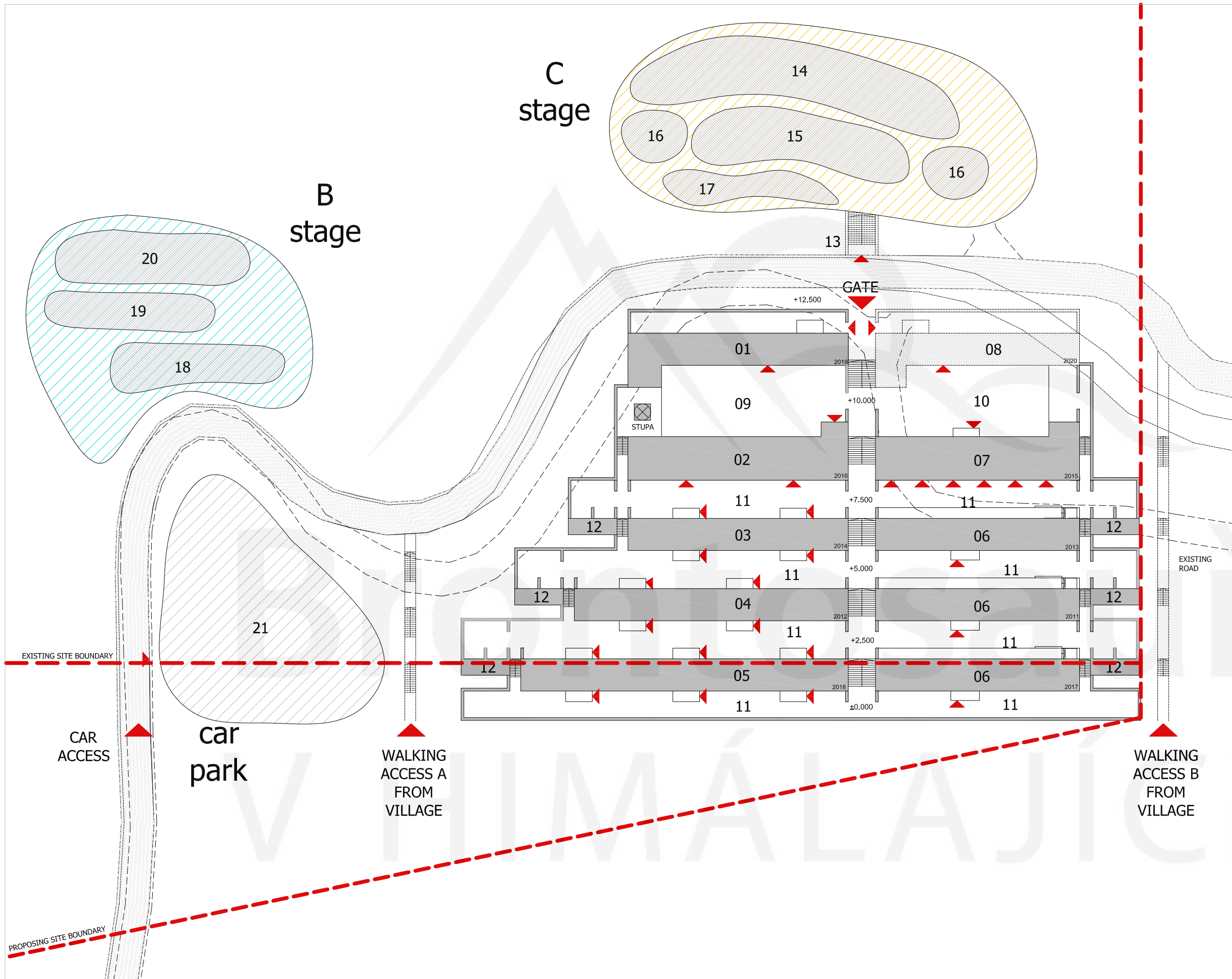
- 58
- 41
- 21+ 20(B)+17(G) NUMBER OF CHILDREN ENROLLED FOR ACADEMIC YEAR 2011 (LKG AND UKG) +
- 21+ 12(B)+8(G) NUMBER OF CHILDREN EXPECTED TO BE ENROLLED AS OF ACADEMIC YEAR 2012 (UKG AND 1ST CLASS)

- NUMBER OF CHILDREN ENROLLED FOR ACADEMIC YEAR 2011

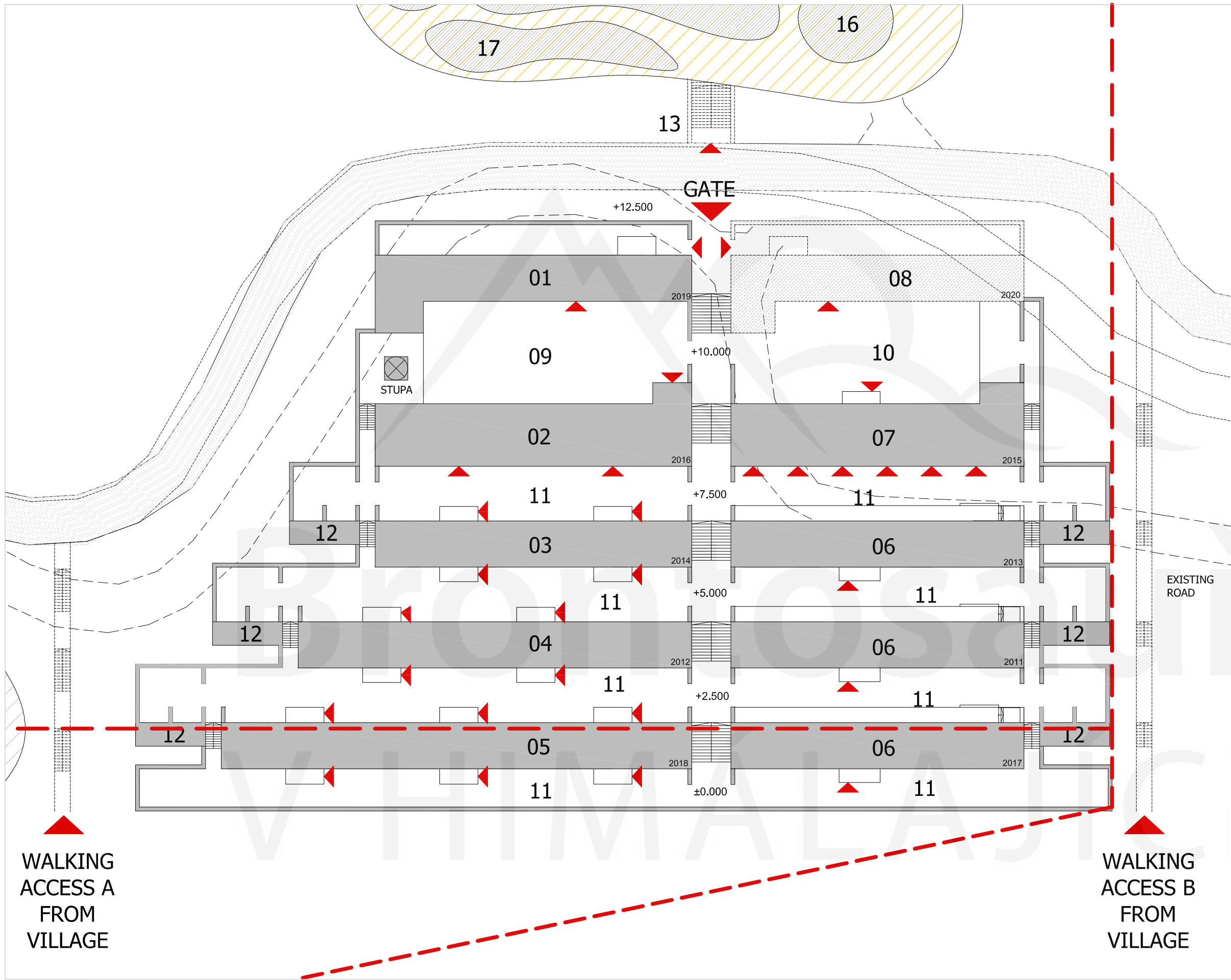
- UNBORN CHILDREN

- CONSIDERED SCHOOL UPGRADE FROM 10 TO 12 GRADES





- PROPOSED SITE PLAN**
- 01... STAFF BLOCK + LIBRARY
 - 02... PRAYER HALL
LKG, UKG
 - 03... 8 No. CLASSROOMS
 - 04... 4 No. CLASSROOMS
LABS, COMPUTER CLASSROOM
ART AND MUSIC CLASSROOM
 - 05... 12 No. CLASSROOMS
 - 06... STUDENT ACCOMODATION
 - 07... DINING HALL, CANTEEN, KITCHEN,
FOOD STORAGE
CARETAKER OFFICE, LAUNDRY, IRONING,
STORAGES, MAINTANANCE ROOM,
SCHOOL HELP ACCOMODATION
 - 08... V.I.P. AND TEACHERS ACCOMODATION
 - 09... MAIN OUTDOOR ASSEMBLY AREA
 - 10... COURTYARD
 - 11... OUTDOOR ACTIVITY AREA
 - 12... COMPOST TOILETS
 - 13... ACCESS TO SPORT FIELDS
 - 14... GYMNASIUM
 - 15... SPORT FIELDS (BASKETBALL, TENNIS,
VOLLEYBALL) CONVERTABLE INTO ICE
RING IN WINTER
 - 16... COVERED SEATING
 - 17... SEATING
 - 18... TOURIST ACCOMODATION
 - 19... WORKSHOPS
 - 20... LADAKHI MUSEUM
 - 21... PARKING



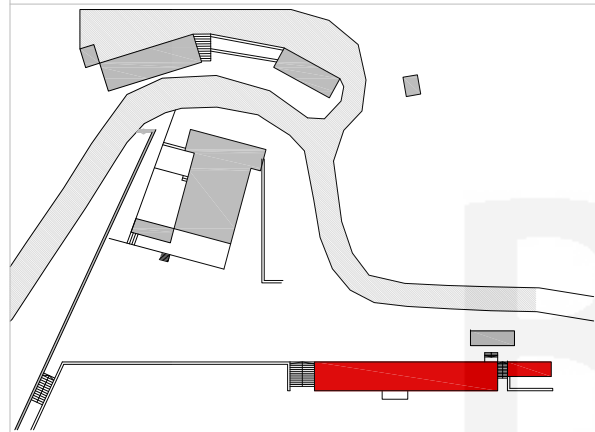
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- 01... STAFF BLOCK + LIBRARY
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 - 20... LADAKHI MUSEUM
 - 21... PARKING

WALKING
ACCESS A
FROM
VILLAGE

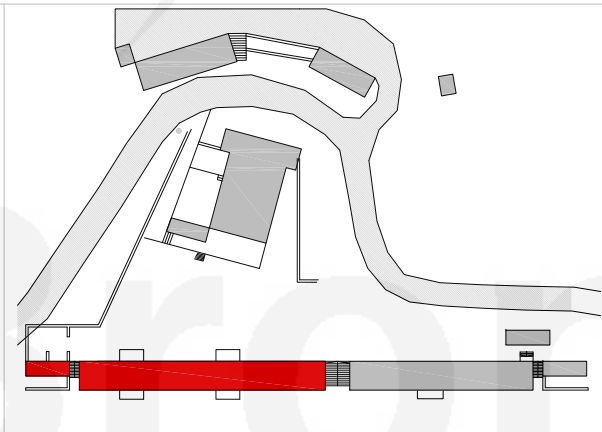
WALKING
ACCESS B
FROM
VILLAGE



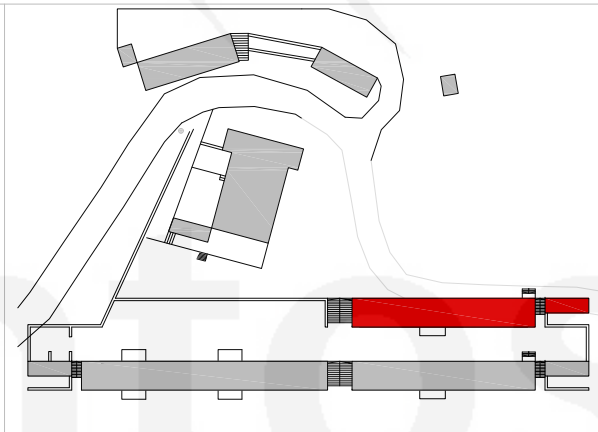
PROPOSED SITE SECTION



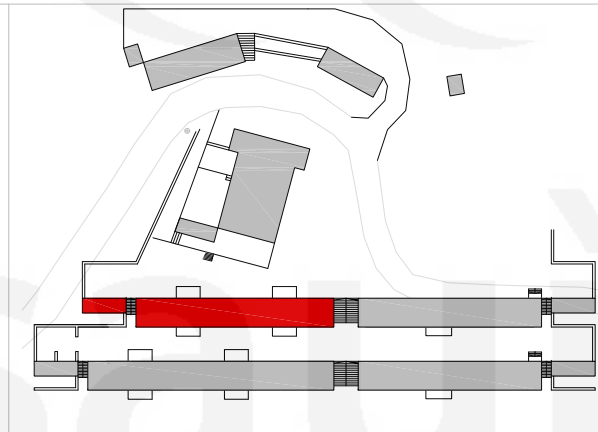
PHASE A1 - 2011
BLOCK 1 STUDENT ACCOMMODATION



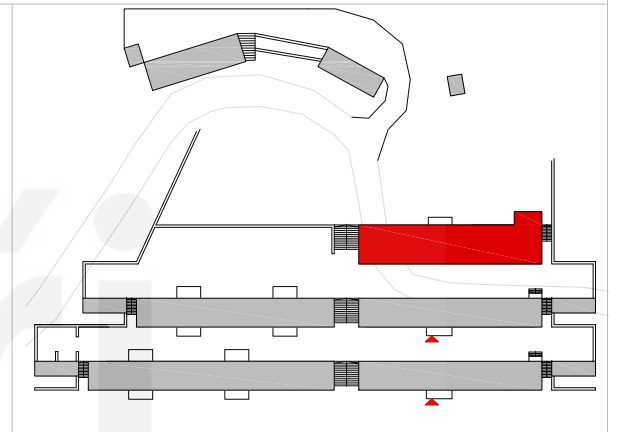
PHASE A2 - 2012
BLOCK A 10 No. CLASSROOMS



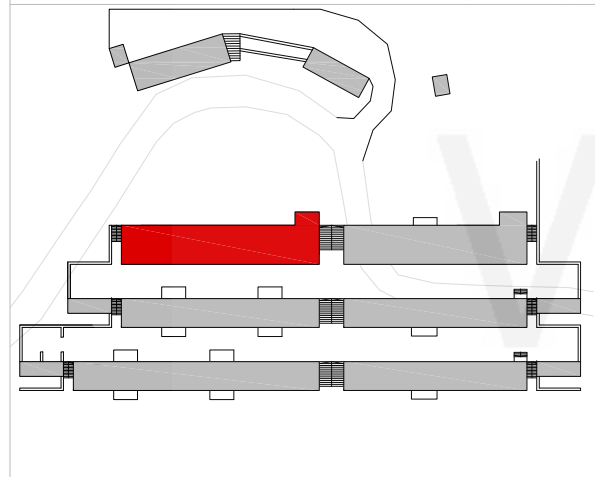
PHASE A3 - 2013
BLOCK 2 STUDENT ACCOMMODATION



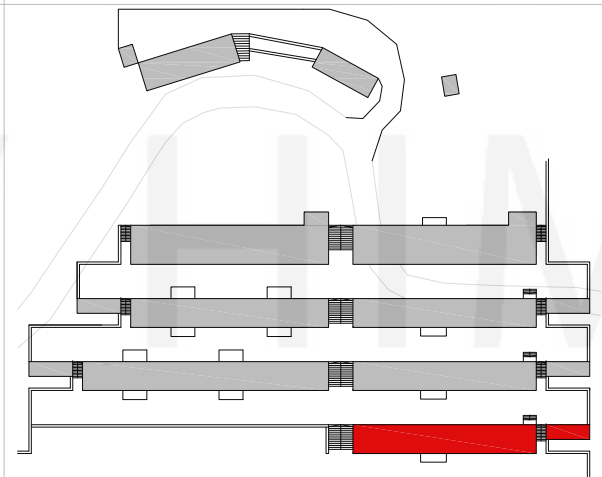
PHASE A4 - 2014
BLOCK B 8 No. CLASSROOMS



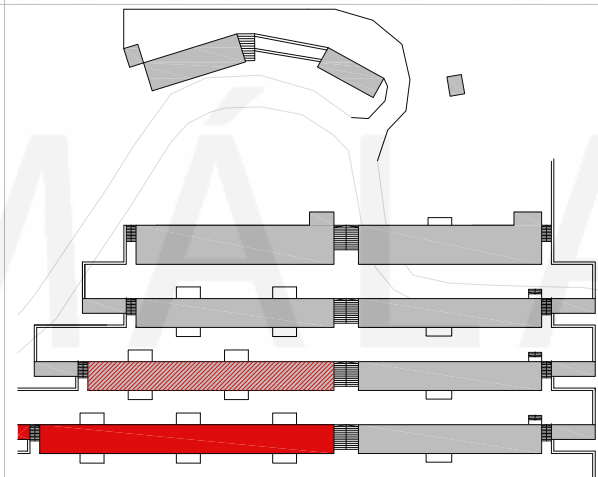
PHASE A5 - 2015
BLOCK 4 DINING, KITCHEN, CANTEEN, MAINTAN., FACILIT.



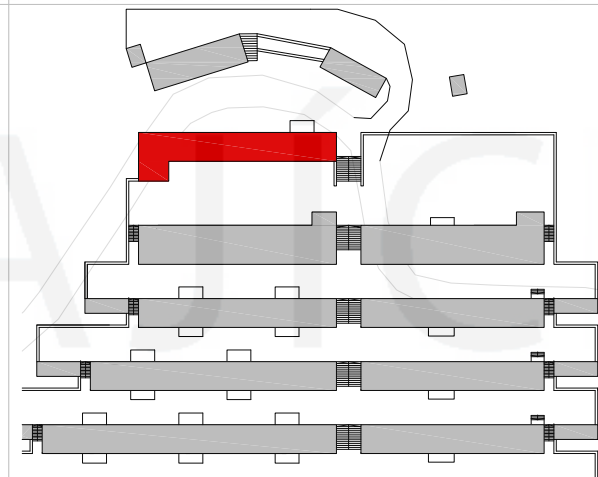
PHASE A6 - 2016
BLOCK C 4 No. CLASSROOMS, PRAYER HALL



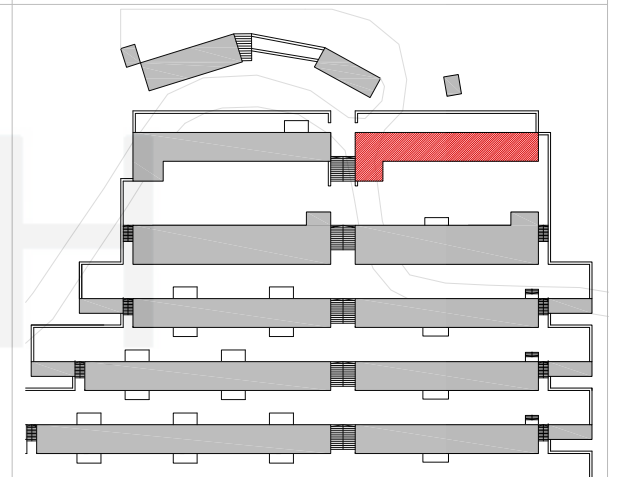
PHASE A7 - 2017
BLOCK 4 STUDENT ACCOMMODATION



PHASE A8 - 2018
BLOCK D 12 No. CLASSROOMS, ADAPTATION OF 10 CLASSR.

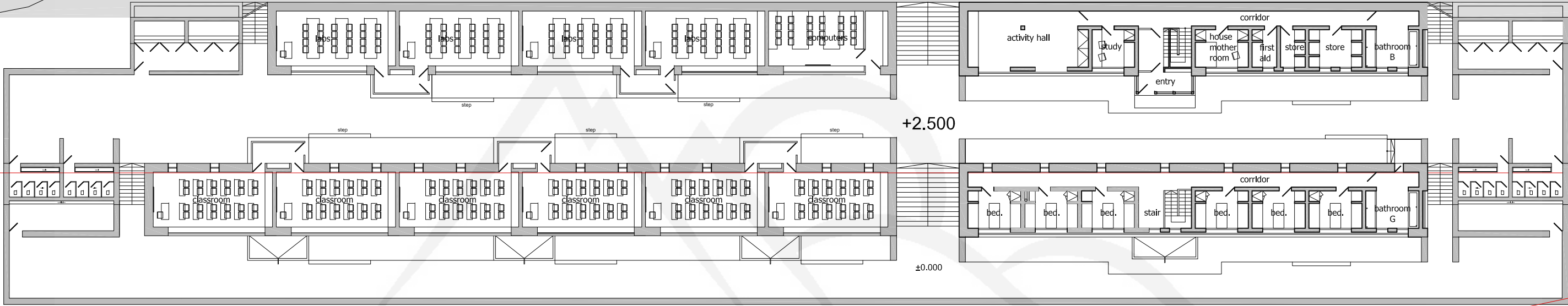


PHASE A9 - 2019
BLOCK E OFFICE BLOCK, STAFF ROOMS



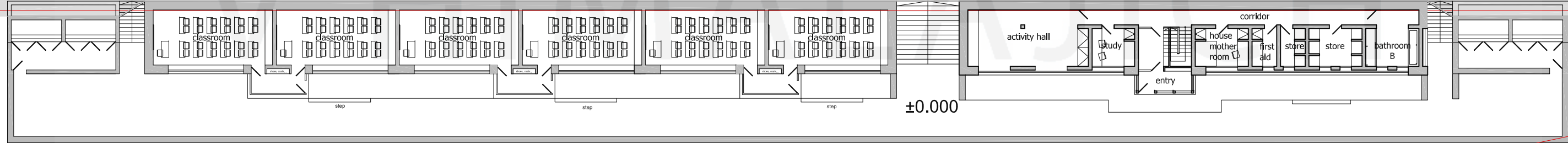
PHASE A10 2020
V.I.P. AND STAFF ACCOMODATION

SOIL



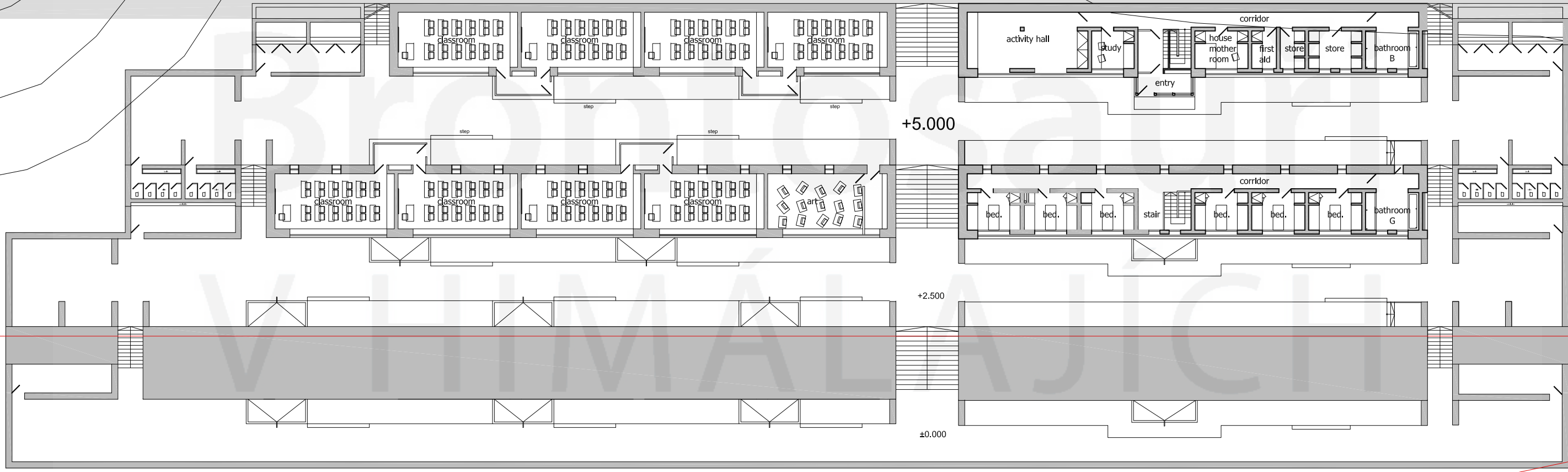
LEVEL +2.500
 first floor - classrooms & hostel; ground floor - labs + computer lab & hostel

SOIL

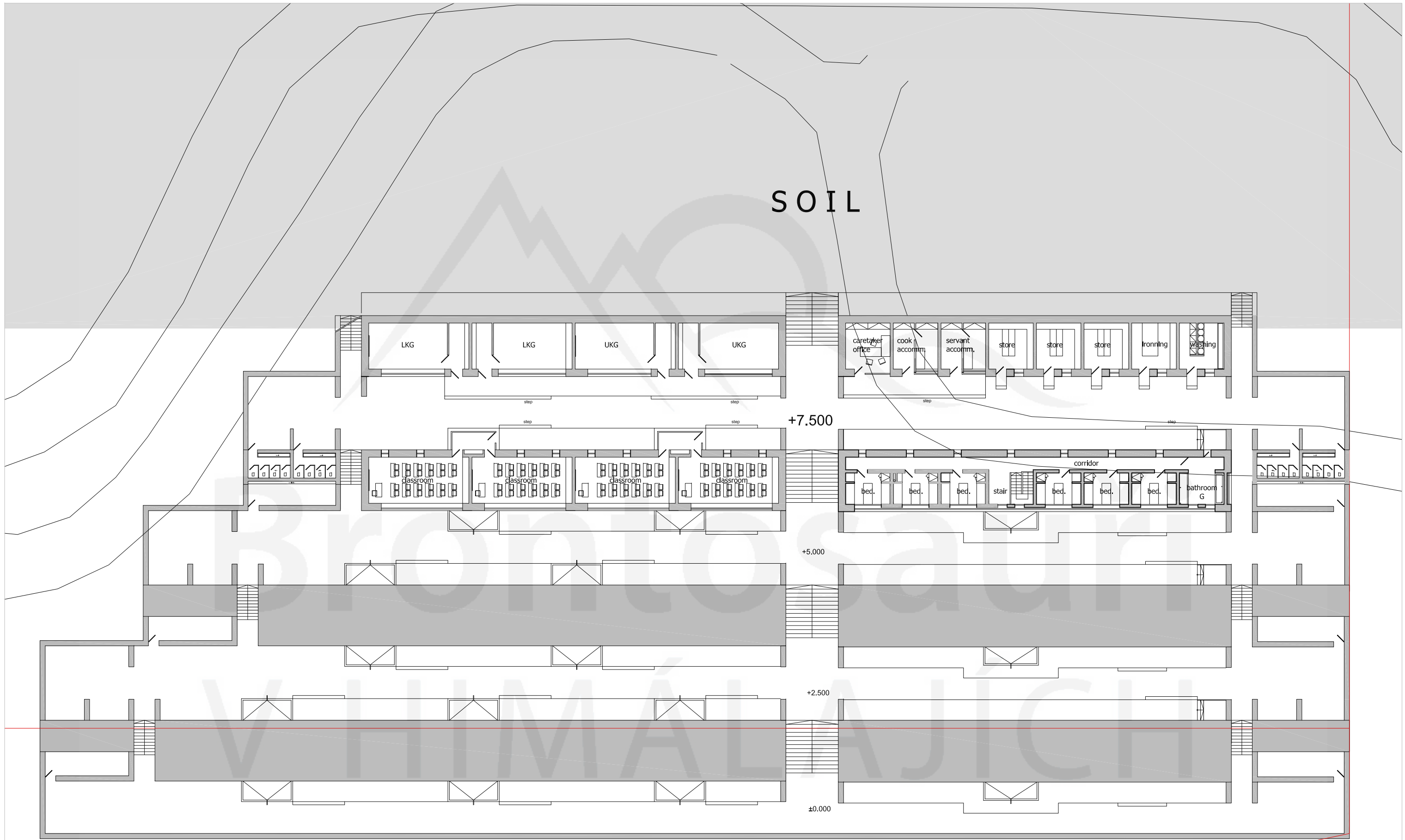


LEVEL +0.000
 ground floor - classrooms & hostel

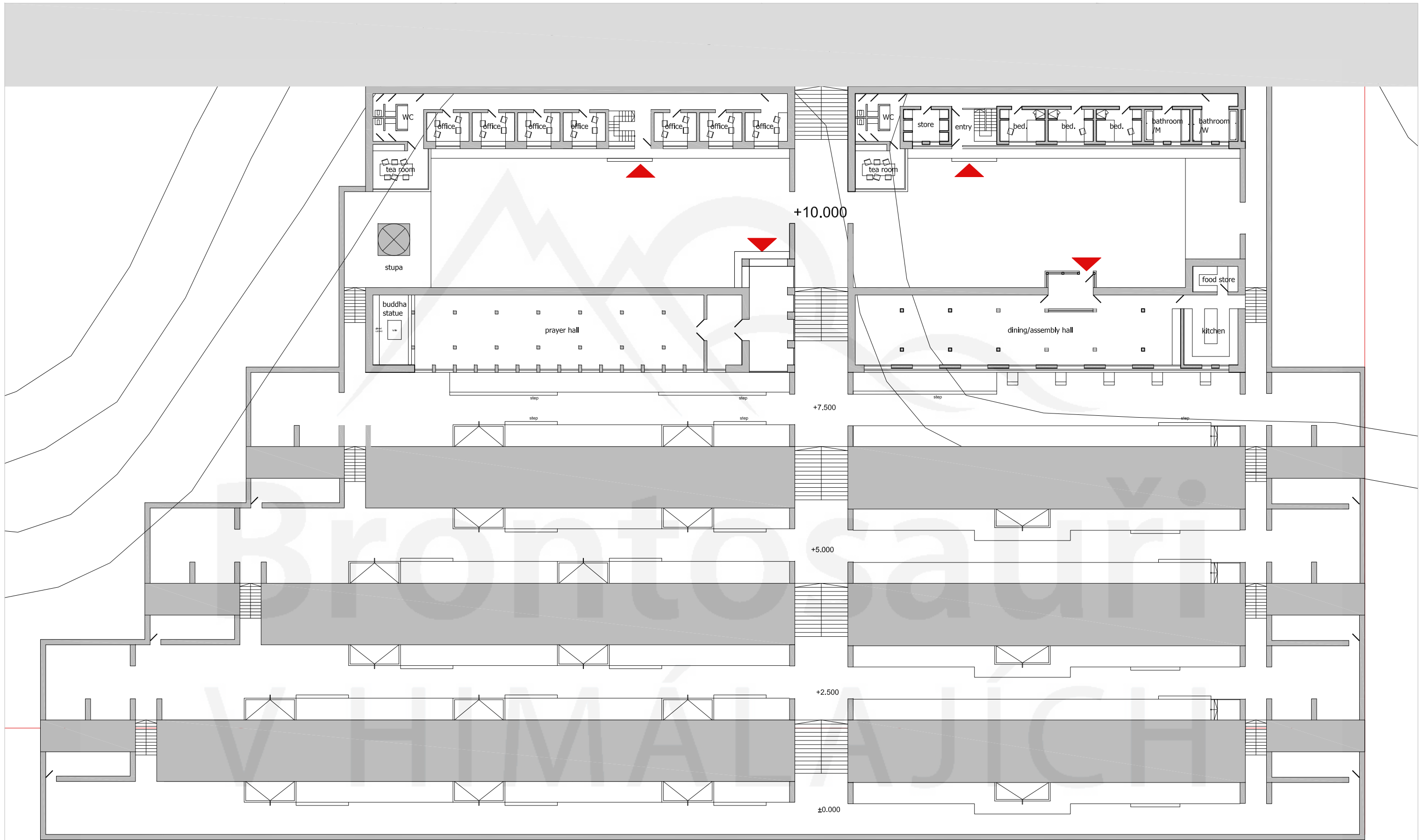
SOIL



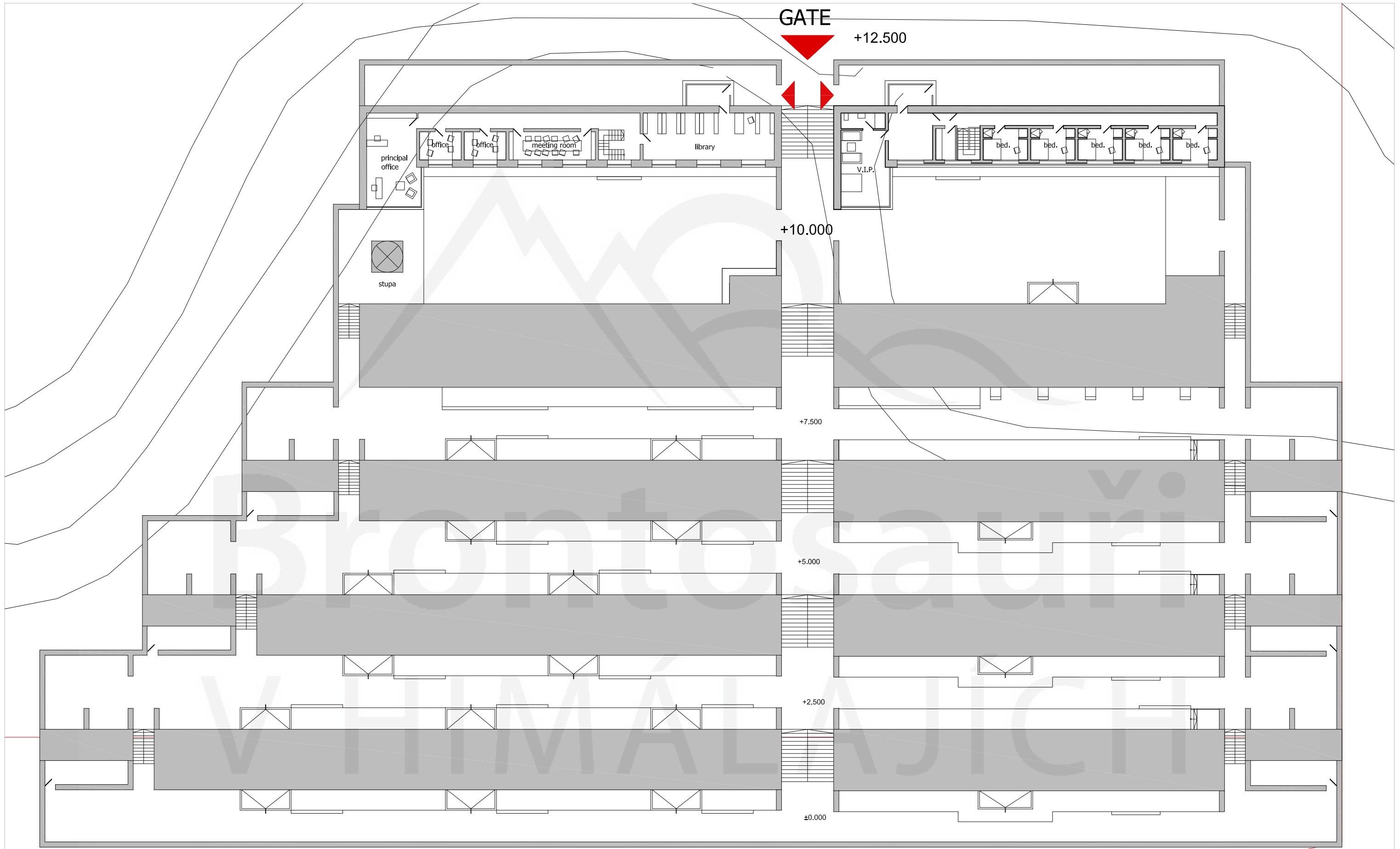
LEVEL +5.000
first floor - classrooms & hostel; ground floor - classrooms & hostel



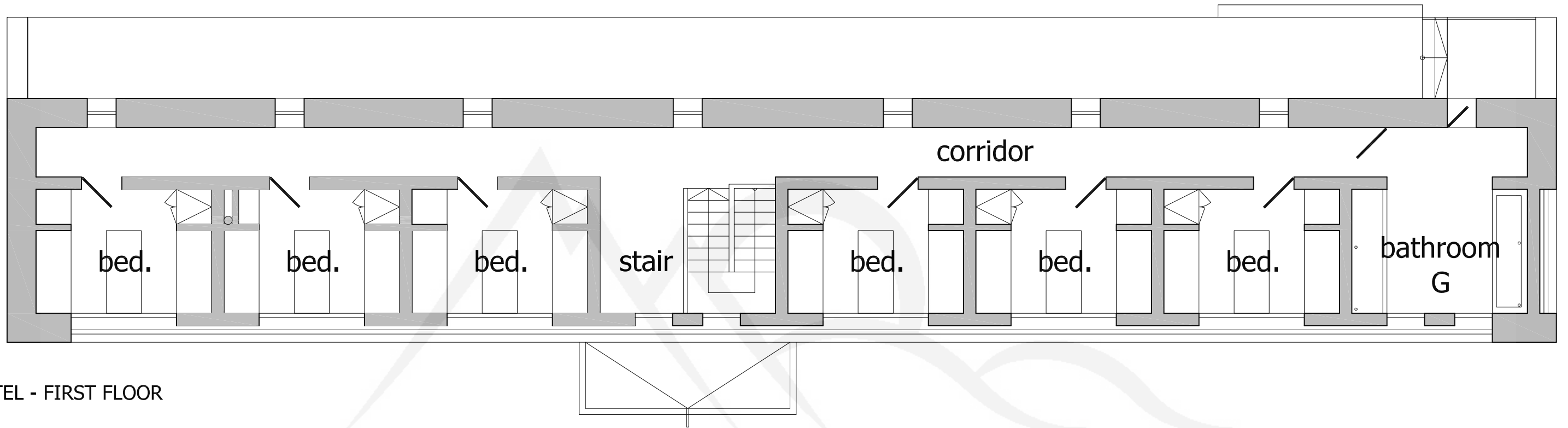
LEVEL +7.500
 first floor - classrooms & hostel; ground floor - LKG, UKG & facilities



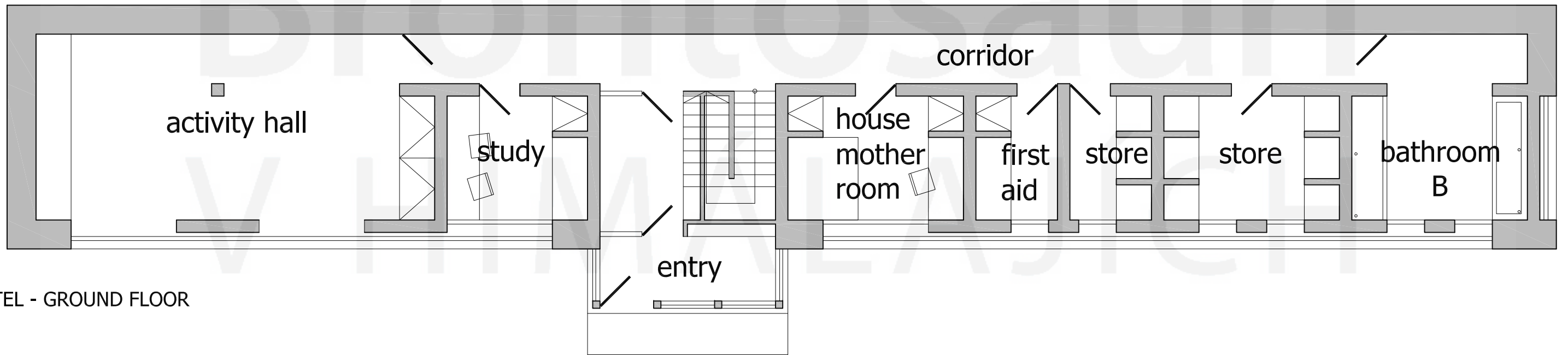
LEVEL +10.000
 first floor - prayer hall & dining hall+kitchen; ground floor - teacher's offices & teacher's accommodation



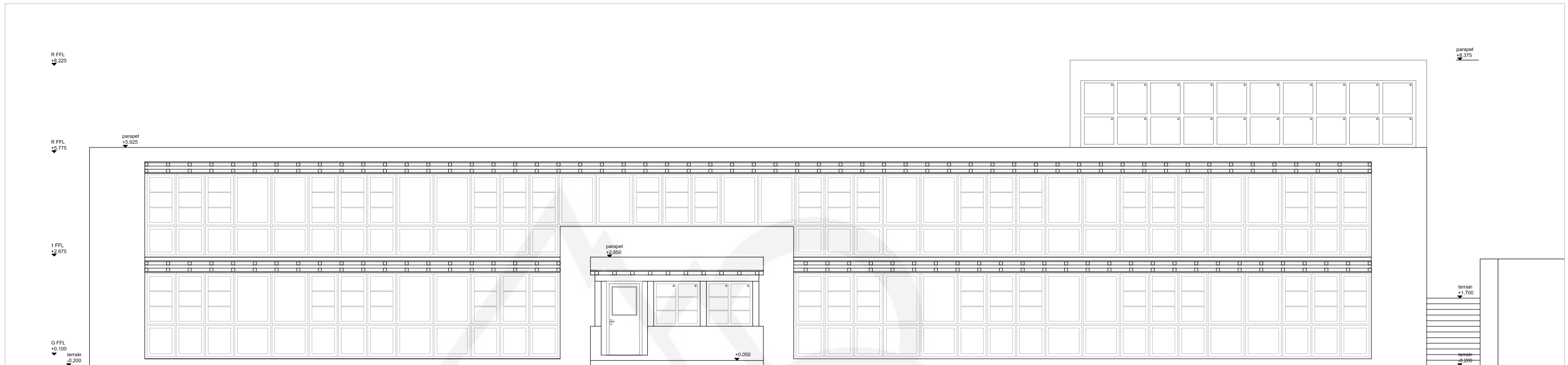
LEVEL +12.500
ground floor - library + principle's office & teacher's accommodation



HOSTEL - FIRST FLOOR



HOSTEL - GROUND FLOOR



HOSTEL - SOUTH ELEVATION



HOSTEL - NORTH ELEVATION



VIEW OF THE HOSTEL COURTYARD

 **NEW ECO-FRIENDLY PASSIVE SOLAR SPRING DALES PUBLIC SCHOOL**
WAKHA / MULBEKH - LADAKH - JAMMU & KASHMIR - INDIA



VIEW OF MAIN THE MAIN COURTYARD

 **NEW ECO-FRIENDLY PASSIVE SOLAR SPRING DALES PUBLIC SCHOOL**
WAKHA / MULBEKH - LADAKH - JAMMU & KASHMIR - INDIA



VIEW OF MAIN THE CLASSROOM BLOCKS COURTYARD

 **NEW ECO-FRIENDLY PASSIVE SOLAR SPRING DALES PUBLIC SCHOOL**
WAKHA / MULBEKH - LADAKH - JAMMU & KASHMIR - INDIA



VIEW OF HOSTEL COMMON HALL

 **NEW ECO-FRIENDLY PASSIVE SOLAR SPRING DALES PUBLIC SCHOOL**
WAKHA / MULBEKH - LADAKH - JAMMU & KASHMIR - INDIA



VIEW OF HOSTEL BEDROOM



VIEW OF SPRING DALES PUBLIC CAMPUS

 **NEW ECO-FRIENDLY PASSIVE SOLAR SPRING DALES PUBLIC SCHOOL**
WAKHA / MULBEKH - LADAKH - JAMMU & KASHMIR - INDIA

SPRING DALES PUBLIC SCHOOL COST PLAN FOR NEW CAMPUS

Ref. Description	Unit Cost (Rs)	Construction (Rs)	Furniture/equip/other (Rs)	Total Cost (Rs)	Total Cost (Kc)	Total Cost (£)	Time table
Residential accommodation for students&staff							
Block 1 (30 students) + solar vented compost toilets	5,000,000	5,000,000	140,000	5,140,000	1,954,373	71,181	2011
Block 2 (30 students) + solar vented compost toilets	5,000,000	5,000,000	140,000	5,140,000	1,954,373	71,181	2013
Block 3 (30 students) + solar vented compost toilets	5,000,000	5,000,000	140,000	5,140,000	1,954,373	71,181	2017
Subtotal		15,000,000	420,000	15,420,000	5,863,118	213,544	
School building & Infrastructure							
Construction of 10 No. new classrooms + WC	1,000,000	10,000,000	1,500,000	11,500,000	4,372,624	159,258	2012
Construction of 8 No. new classrooms + WC	1,000,000	8,000,000	1,200,000	9,200,000	3,498,099	127,406	2014
Construction of dining room/kitchen/facility block	10,000,000	10,000,000	500,000	10,500,000	3,992,395	145,409	2015
Construction of 2 classes LKG, 2 classes UKG	1,000,000	4,000,000	200,000	4,200,000	1,596,958	58,164	2016
Construction of Prayer hall	2,000,000	2,000,000	500,000	2,500,000	950,570	34,621	2016
Construction of 12 No. new classrooms + WC	1,000,000	12,000,000	1,800,000	13,800,000	5,247,148	191,109	2018
Adaptation of 5 No. classrooms to Labs.	250,000		1,250,000	1,250,000	475,285	17,311	2018
20 No. of new computers	35,000		700,000	700,000	266,160	9,694	2018
Construction of new staff block + library	6,000,000	6,000,000	600,000	6,600,000	2,509,506	91,400	2019
Construction of V.I.P & staff block accommodation	5,500,000	5,500,000	550,000	6,050,000	2,300,380	83,783	2020
Subtotal		57,500,000	8,800,000	66,300,000	25,209,125	918,155	
Sport facilities							
Covered gymnasium	3,000,000	3,000,000		3,000,000	1,140,684	41,545	2021
Cricket, football, 2 No. volleyball courts, ice ring	1,000,000	1,000,000		1,000,000	380,228	13,848	2022
Subtotal		4,000,000		4,000,000	1,520,913	55,394	
Infrastructure: water supply, drainage, electricity	25,000,000	25,000,000		25,000,000	9,505,703	346,212	
Landscaping	8,000,000	8,000,000		8,000,000	3,041,825	110,788	
Subtotal		33,000,000		33,000,000	12,547,529	457,000	
TOTAL		109,500,000	9,220,000	118,720,000	45,140,684	1,644,094	

April 2011 values excluding future inflation

1Kc = 2.63 Rs £1 = 72.21 Rs

SPRING DALES PUBLIC SCHOOL COST PLAN FOR NEW CAMPUS

year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
currency												
	5,140,000		5,140,000				5,140,000					
		11,500,000		9,200,000	10,500,000	4,200,000						
						2,500,000						
								13,800,000				
								1,250,000				
								700,000				
									6,600,000			
										6,050,000		
											3,000,000	
												1,000,000
Rs	5,140,000	11,500,000	5,140,000	9,200,000	10,500,000	6,700,000	5,140,000	15,750,000	6,600,000	6,050,000	3,000,000	1,000,000
Kc	2,177,966	4,872,881	2,177,966	3,898,305	4,449,153	2,838,983	2,177,966	6,673,729	2,796,610	2,563,559	1,271,186	423,729
£	71,181	159,258	71,181	127,406	145,409	92,785	71,181	218,114	91,400	83,783	41,545	13,848