

Examination of Project Schools

Ibb Governorate

Table 2-3 Results of Site Survey (IBB)

No.	District	School Name	Type of Site	certificate of Site Use	Topography of Site	Road Access to Site from main rd.	Existing Building or Obstruction	Classroom in use	Classroom enable to use	Fence and Gate	Water Supply	Power Supply	Land Forming, demolishing
IB-01	Ibb	Anas Bin Malfek Al Sadm School - Al Saddm	Existing	Governorate	Inclined Gently	Good (Beside paved main road)	2 Building	8	0	2.0m(H),CB wall around site and steel gate	Well Water (3.0km from site)	Power Supply will be available 2,3 month later	No Need
IB-02	Al Radhama	Al - Najid Al - Ahmar	New	Governorate	Inclined Gently	Good (0.2km from paved main road)	1Building deteriorated	0	0	none	River water (0.2km from site) and Well water 0.8km from site)	(0.2km from site)	Need 3 building, Cut 2m
IB-03	Ba'adan	Al Fatesh School - Souk Al Khamis	Existing	Governorate	Flat	Fair (7km from Gravel main road)	6 Building	13	13	none	Well Water Existing	(0.01km from site)	3 Building
IB-04	De Alsufal	Al Noor School	New	_____	Too Small	Bad (20km from paved main road)	_____	18	12	_____	_____	_____	_____
IB-05	Yarim	26 September School	New	Individual	Almost Flat	Good (Beside Paved main road)	none	3	0	none	Piped Water Existing	Power Supply Existing	No Need
IB-06	AR Alamas	Al-Diya School - Bait Yahya Aubad	Existing	Governorate	Inclined Gently	Good (Beside paved main road)	3 Building	8	0	none	Piped Water Available (Within site)	Power Supply Available (Within site)	No Need
IB-07	Ibb	Ad Daqiqah School Bilad Shar	New	_____	Too Small and Steap	Bad (8km from paved main road)	_____	9	0	_____	_____	_____	_____
IB-08	Al Mukhadir	Al Ikhiass School - Sahaban	New	Governorate	Flat	Fair (7km from paved main road)	_____	7	2	none	Piped water (0.05km from site)	(0.2km from site)	No Need
IB-09	Ibb	Al Qaryaat School - City of Ibb	Existing	Governorate	Flat	Good (0.2km from paved main road)	5 Building	19	18	0.4m(H),stone wall around site	Piped Water Existing	Power Supply Existing	No Need
IB-10	Al Mukhadir	Osama Bin Zalid School	Existing	Governorate	Flat	Good (0.3km from paved main road)	1 Building	5	0	none	Piped Water Available (Within site)	(0.3km from site)	Need 3 building
IB-11	Jiblah	Salah-Uddin School - Ath Thawabi	_____	_____	_____	Bad too far	_____	_____	_____	_____	_____	_____	_____
IB-12	shear	Omar Bin Al-Khatab	New	Individual	Flat	Bad (18km from paved main road)	_____	9	9	2.0m(H),stone wall around site and steel gate	Piped Water Existing	Existing	No Need
IB-13	Al Nadirah	Wadi Bana School	New	Governorate	Flat	Fair (Beside paved main rd.) 2 river crossing	_____	8	8	0.6m(H),stone wall around site and steel gate	Piped Water Available (beside site)	Power Supply Available (beside site)	Need Change drainage line
IB-14	Al Qafr	Alshahied Aliryant Girls School	Existing	Community	Almost Flat	Fair (20km from paved main road)	4 Building	14	12	0.6m(H),stone wall around site and steel gate	Piped Water Existing	Power Supply Available (Within site)	No Need
IB-15	Hubaish	Al Nour Fadhai School	Existing	Community	Almost Flat	Fair (17km from paved main road)	2 Building	5	0	1.8m(H),CB wall around site and steel gate	Well Water (1.5km from site)	(17km from site)	No Need
IB-16	As Saiyani	Al Imam Al Shokhany	Existing	Governorate	Almost Flat	Fair (3km from paved main road)	6 Building	13	2	none	Well Water (5km from site)	Geberator	No Need
IB-17	As Saprah	Mugam'ah Al Wehdah School	New	Individual	Inclined Gently	Good (Beside gravel main road)	2 Building	5	5	none	Piped Water Available (beside site)	(1.5km from site)	No Need
IB-18	Ash Sud'ah	Al Aeman School - Thafar	Existing (Expanded)	Individual	Flat	Good (800m from paved main road)	3 Building	5	5	2.0m(H),CB wall Front side and steel gate	Piped Water Existing	(800m to site)	No Need
IB-19	Ibb	Al Thagah Al Ra'ccyah School	New	Individual	step	Good (1Km from paved main road)	2 Building	10	4	2.0m(H),CB wall around site	Piped Water Existing	Existing	Need
IB-20	Ibb	Saba'a Dafdaf Girls School	New	Community	Almost Flat	Fair (2.0km from paved main road)	4 Building	9	1	none	Rain water (Apr.-Sep.) otherwise Lorry supply from Ibb	supplied by generator	No Need

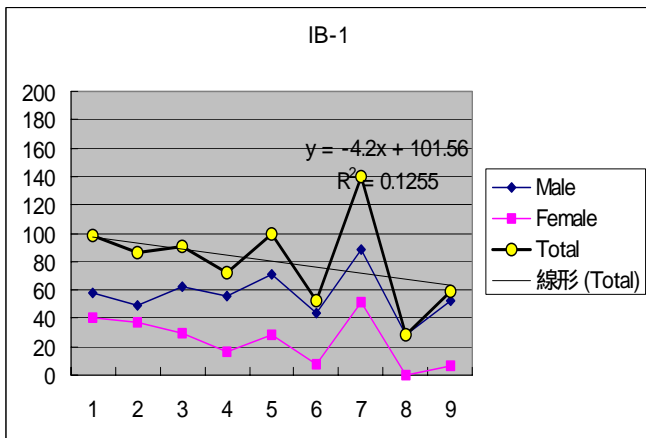
SURVEY RESULT :

Code.	IB-01		Date of Survey	Group	Sheet No.
School Name	Anas Bin Malfek Al Sadm School		24/ APR / '02	A	IB-01
Location	Directorate	Ibb	Latitude:	N13 ° 58' 46.1 "	
	Sub-Directorate	Ibb	Longitude:	E44 ° 08' 33.5"	
	City, Town, Village	Almushabah	Altitude:	2061.0 m	
Main Road	On the Ibb-Sana'a road	Size & shape of site:	4792.88 m ² nearly Flat (farm)		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers				
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result	
IB-1 Including division	Male	58	49	62	56	71	44	89	28	52	509	Combined with deviation school Existing to be Secondary W shift W shift										
	Female	40	37	29	16	28	8	51	0	7	216											
	Total	98	86	91	72	99	52	140	28	59	725											
	CR s for Male	1.5	1.2	1.6	1.4	1.8	1.1	2.2	0.7	1.3	12.7											
	1 69<2	1.0	1.0	1.0	1.0	2.0	1.0	2.0	1.0	1.0	11.0		11	8	3	3	11		22	31	9	
	CR s Female	1.0	0.9	0.7	0.4	0.7	0.2	1.3	0.0	0.2	5.4											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	0	0	0	9		17	9	-8	
	CR s for Total	2.5	2.2	2.3	1.8	2.5	1.3	3.5	0.7	1.5	18.1											
1 69<2	2.0	2.0	2.0	2.0	2.0	1.0	3.0	1.0	1.0	16.0	16	8	3	3	16	8	29	31	2	2		

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located 1 km from Ibb on Trunk road (Ibb-Sanaa), then 0.4km on gravel road to the west. Site is adjacent to newly developing housing area.

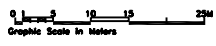
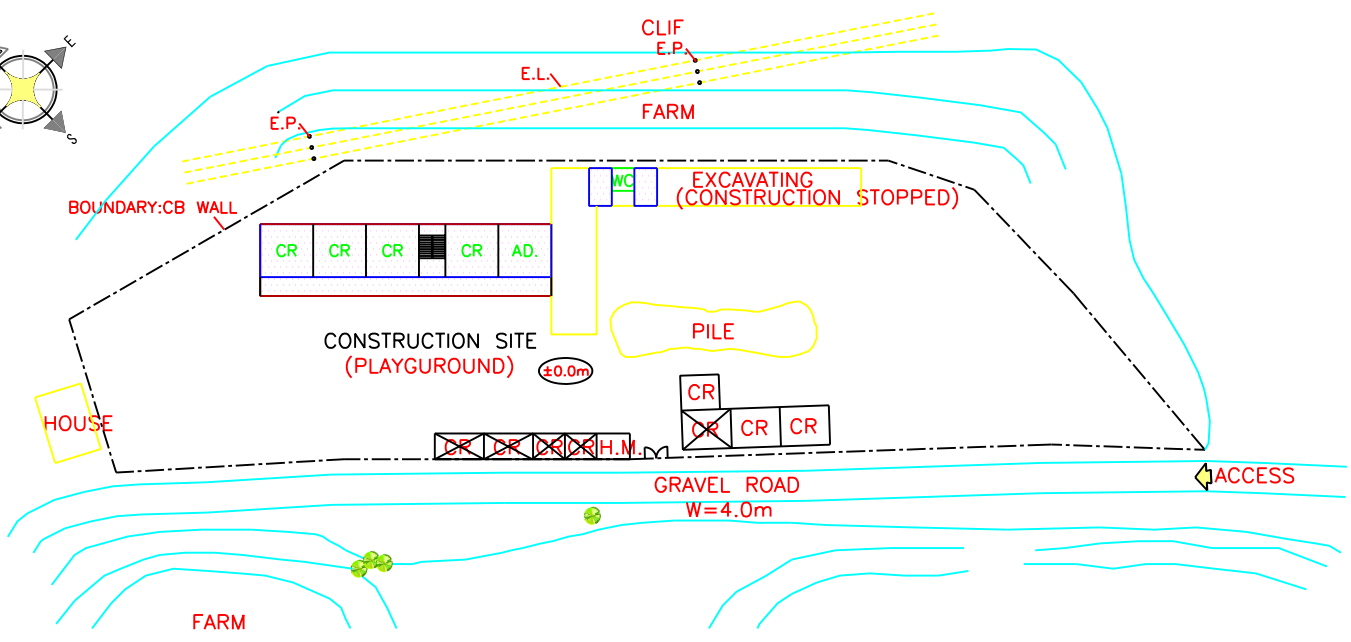
ACCESSABILITY : Access is not trouble because within Ibb sub-urban area.

PROPOSED LAND : Site area is 0.4ha and gradually sloping from northwest to southeast but enough for construction. Existing one building is without roof, one is dangerous roof with exposed steel bar. Foundation trench was dug in the center of the site that Government planned to construct new building but stopped no funds.

INFRASTRUCTURE : Water is carried from community well 3km away. Peoples buy water from water Lorry. Electricity line is available at housing area, 0.2 km away from the site.

MANAGEMENT : Students are registered 725 with 31 teachers and lower grade students are in Mosque 500m away. All existing rooms are shabby as school environment.

PLANNING : Plan is to construct new School including division. 3 Classrooms are usable continuously for Secondary class (53 students) from existing 8 classrooms. After calculation, 16 classrooms are required then 8 classrooms for double shift. Plan shall be 9 classrooms and 1 admin room because of housing development.



S 1:1000

BUILDING TYPE: 9S
 WC TYPE: 6B

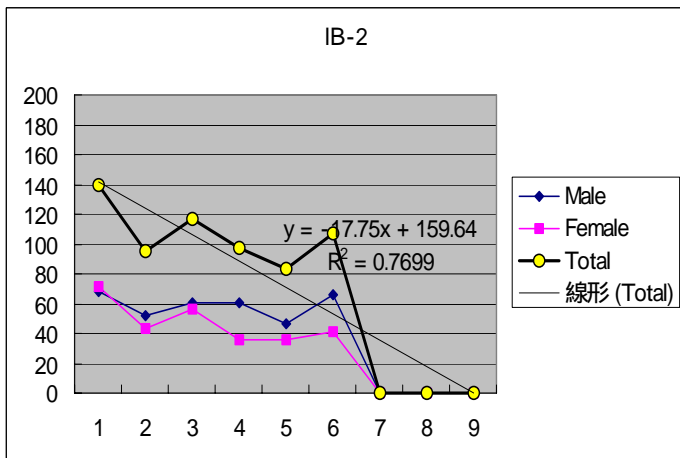
SURVEY RESULT :

Code.	IB-02		Date of Survey	Group	Sheet No.
School Name	Al Najd Al-Ahmar School		23 / APR / '02	B	IB-02
Location	Directorate	Al-Radhama	Latitude:	N14 ° 17' 29.5 "	
	Sub-Directorate	Kohlan	Longitude:	E44 ° 29' 25.8"	
	City, Town, Village	Al-Najd Al-Ahmah	Altitude:	2360.4 m	
Main Road	0.2km from Yarim- Aden road	Size & shape of site:	2156.15 m ² Slope and many Rocks		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms					Teachers							
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result			
IB-2 Including division	Male	48	37	45	44	31	43	0	0	0	248	new site G7-G9 to be counted												
	Female	61	31	39	25	22	26	0	0	0	204													
	Total	109	68	84	69	53	69	0	0	0	452													
	CRs for Male	1.2	0.9	1.1	1.1	0.8	1.1	0.0	0.0	0.0	6.2													
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	3	2	0	7		17	23	6			
	CRs Female	1.5	0.8	1.0	0.6	0.6	0.7	0.0	0.0	0.0	5.1													
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	0	0	0	9		17	14	-3			
CRs for Total	2.7	1.7	2.1	1.7	1.3	1.7	0.0	0.0	0.0	11.3														
1 69<2	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0	11	3	2	0	9	9	19	23	4	4				

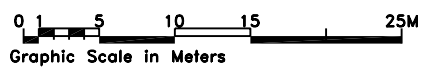
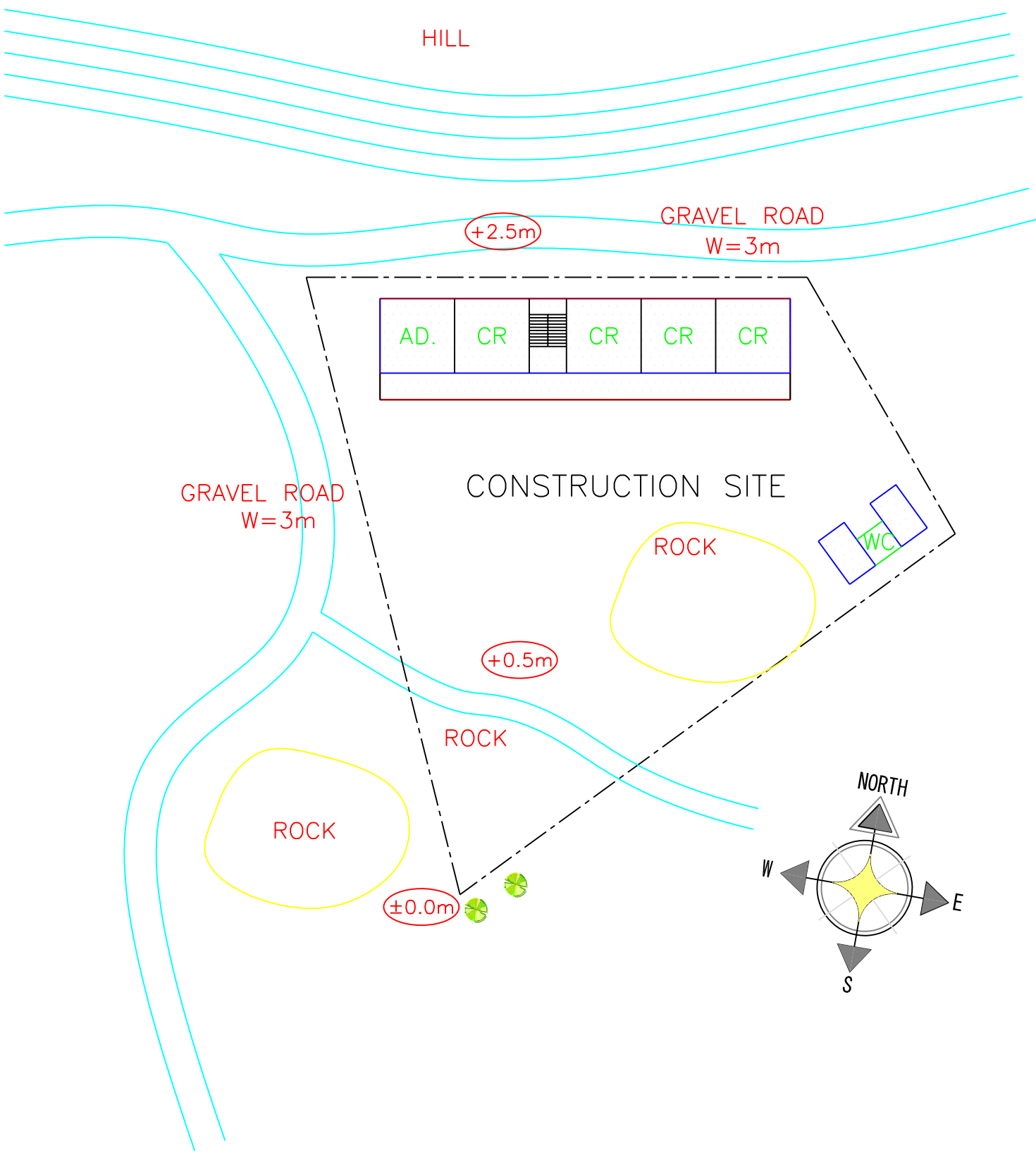
NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



- SITE CONDITIONS:** Site is located 75 km (90min) from Ibb on main road (Yarim-Aden), then 0.2km on gravel road to the south.
- ACCESSABILITY :** Access is not trouble. Request is to combine 3 schools; existing school on separate site, division school 500m away and another school 2km away from this site.
- PROPOSED LAND:** Land area is 0.21ha and gradually sloping to south-north with rocky soil.
- INFRASTRUCTURE:** Water is carried from stream 0.2km away. Electricity line is available 0.2 km along main road.
- MANAGEMENT:** This school and another school is 2km away. When combine two schools, some lower grade students could not come to school, more than 2km on foot. Therefore, calculation will be based on number of students (452) from main school and division school. Students from another school could come if some rooms.
- PLANNING:** Plan is to construct new School on new site. 11 classrooms are required if including G7 to G9. 2 classrooms are usable continuously. Therefore, 9 Classrooms and 1 Admin Room will be planned. Teachers are enough.



S 1:500

BUILDING TYPE: 9S
WC TYPE: 6B

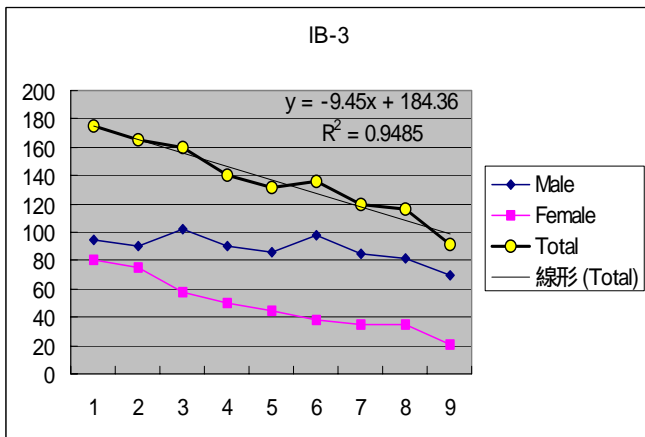
SURVEY RESULT:

Code.	IB-03		Date of Survey	Group	Sheet No.
School Name	Al Fatesh School- Souk Al Khamis		25 / APR / '02	B	IB-03
Location	Directorate	Ba'aden	Latitude:	N14 ° 00' 55.8 "	
	Sub-Directorate	Al-Harath	Longitude:	E44 ° 16' 21.8"	
	City, Town, Village	Al-Maries	Altitude:	2420.0 m	
Main Road	7km from Nejd Al Aqmah road	Size & shape of site:	1114.31 m ² Flat		

CULCURATION OF CLASSROOMS:

		No. of Students/necessary Classrooms										Classrooms					Teachers													
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result									
IB-3	Male	95	90	102	90	86	98	85	81	70	797	new buildnig at same site Large school					W shift W shift													
	Female	80	75	58	50	45	38	38	35	21	440																			
	Total	175	165	160	140	131	136	123	116	91	1237																			
	CRs for Male	2.4	2.3	2.6	2.3	2.2	2.5	2.1	2.0	1.8	19.9																			
	1 69<2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	18.0											18	13	13	0	5		34	34	0
	CRs Female	2.0	1.9	1.5	1.3	1.1	1.0	1.0	0.9	0.5	11.0																			
	1 69<2	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0											11	0	0	0	11		19	0	-19
CRs for Total	4.4	4.1	4.0	3.5	3.3	3.4	3.1	2.9	2.3	30.9																				
1 69<2	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	29.0	29	13	13	0	16	8	52	34	-18	-18										

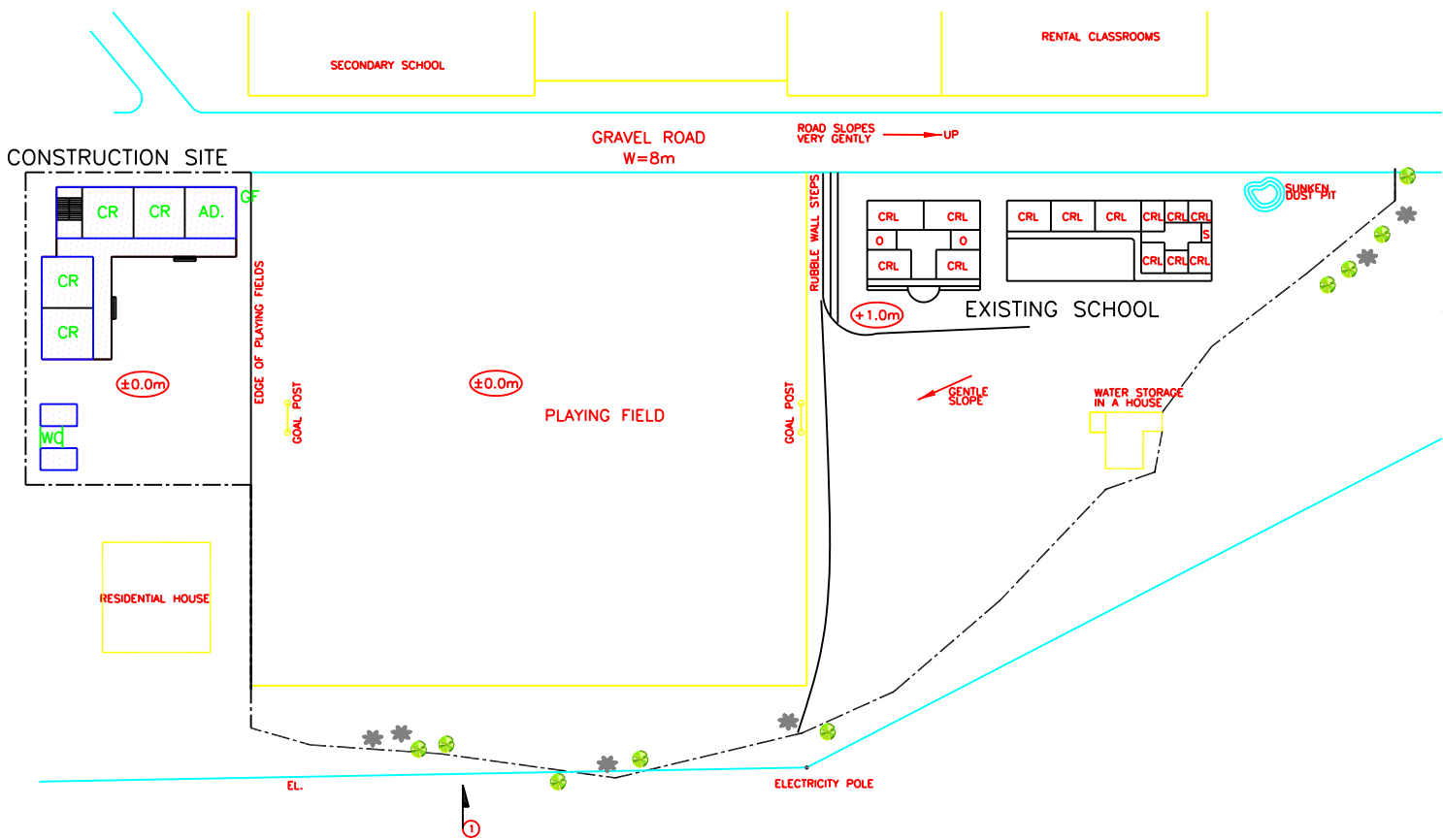
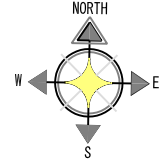
NUMBER OF STUDENTS BY GRADE:



VIEW OF EXISTING SCHOOL:



- SITE CONDITIONS:** Site is located 22 km (90min) from lbb on main road (lbb-Ba'aden), then 7.0km to the north on gravel road.
- ACCESSABILITY :** Access is not good but passable, because secondary road and half of main road are gravel road. Soil is silty.
- PROPOSED LAND:** Land area is very tight as 0.011ha, so need to demolish existing 4 storage huts. Existing School buildings are opposite of the Football ground.
- INFRASTRUCTURE:** Water is pumping up by diesel pump along school ground and supply by gravity. Electricity line is available 10m from school ground.
- MANAGEMENT:** This school is in rural area but 1237 students are registered with double shift. Girl's students are 440 for afternoon class. Secondary school is opposite of the road
- PLANNING:** Existing 13 classrooms are made by corrugated iron sheets but still usable. Required classrooms are 16, therefore 9 classrooms and 1 admin room will be planned. In future, could be Girls School when teachers are allocated enough.



0 5 10 15 20m
Graphic Scale in Meters

S 1:1000

BUILDING TYPE: 9L
WC TYPE: 6B

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS
in the REPUBLIC of YEMEN

IB- 03 AL FATESH SCHOOL-SOUK AL KHAMIS

IBB GOVERNORATE

BA'ADAN DISTRICT

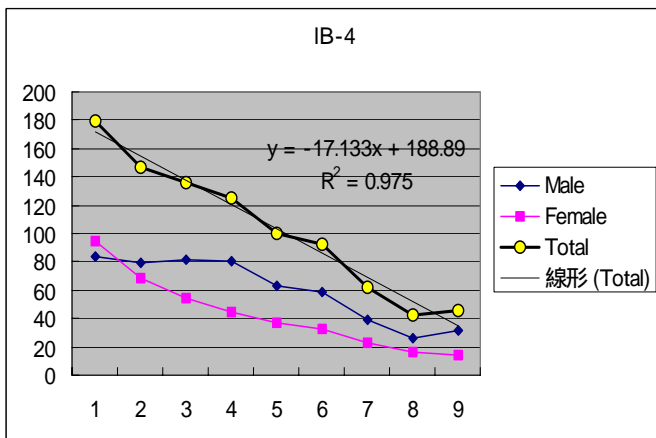
SURVEY RESULT :

Code.	IB-04		Date of Survey	Group	Sheet No.
School Name	Al Badra School		23 / APR / '02	A	IB-04
Location	Directorate	De Alsufal	Latitude:	N13 ° 51' 25.2 "	
	Sub-Directorate	Al Hablah	Longitude:	E44 ° 02' 06.8"	
	City, Town, Village	AlzagrUAR	Altitude:	2295.0 m	
Main Road	20km gravel road	Size & shape of site:	- deleted -		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers				
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result	
IB-4	Male	84	79	82	80	63	59	39	26	32	544	Deleted										
	Female	95	68	54	45	37	33	23	16	14	385											
Deleted	Total	179	147	136	125	100	92	62	42	46	929	Bad access, small site										
	CRs for Male	2.1	2.0	2.1	2.0	1.6	1.5	1.0	0.7	0.8	13.6											
	1 69<2	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	13.0	13	18	12	0	1		22	43	21		
	CRs Female	2.4	1.7	1.4	1.1	0.9	0.8	0.6	0.4	0.4	9.6											
	1 69<2	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	10	0	0	0	10	0	18	21	3	0	
	CRs for Total	4.5	3.7	3.4	3.1	2.5	2.3	1.6	1.1	1.2	23.2											
1 69<2	4.0	3.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	20.0	20	18	12	0	8		33	43	10			

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located 20km from lbb and have to pass Wadi 3 times. Therefore, it is difficult to pass during rains.

ACCESSABILITY : Access is very difficult, because surface of road is very rough and takes 2 hours from main road.

PROPOSED LAND : Proposed site are 3 lands with steep slope and not prepared for construction.

Therefore, consultant explained to community people that this site is not suite for construction on this stage.

INFRASTRUCTURE : - deleted -

MANAGEMENT : - deleted -

PLANNING : - deleted -

— Deleted form Planning —

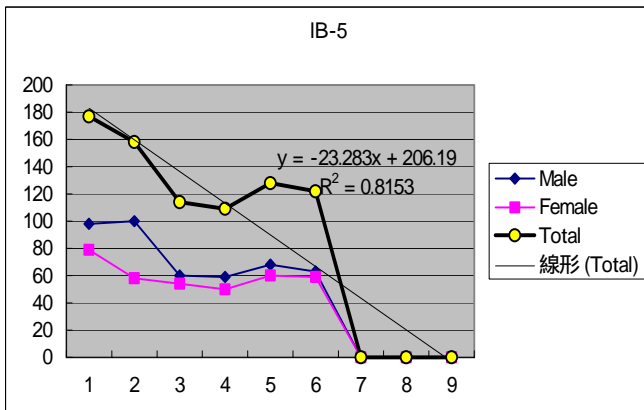
SURVEY RESULT :

Code.	IB-05		Date of Survey	Group	Sheet No.
School Name	26 September School		21 / APR / '02	A	IB-05
Location	Directorate	Yarim	Latitude:	N14 ° 18' 00.9 "	
	Sub-Directorate	Yarim	Longitude:	E44 ° 22' 10.5"	
	City, Town, Village	Aljaboba	Altitude:	2655.0 m	
Main Road	0.1km from Sana'a - Taiz road	Size & shape of site:	9813.76 m ² nearly Flat (farm)		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers											
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result								
IB-5	Male	98	70	60	59	68	63	0	0	0	418	new building other site G7-G9 to be counted					W shift W shift												
	Female	79	58	54	50	60	59	0	0	0	360																		
	Total	177	128	114	109	128	122	0	0	0	778																		
	CRs for Male	2.5	1.8	1.5	1.5	1.7	1.6	0.0	0.0	0.0	10.5																		
	1 69<2	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0											11	3	0	0	11	19	10	-9
	CRs Female	2.0	1.5	1.4	1.3	1.5	1.5	0.0	0.0	0.0	9.0																		
	1 69<2	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0											10	0	0	0	10	18	0	-18
	CRs for Total	4.4	3.2	2.9	2.7	3.2	3.1	0.0	0.0	0.0	19.5																		
1 69<2	4.0	3.0	3.0	2.0	3.0	3.0	1.0	1.0	1.0	21.0	21	3	0	0	21	11	36	10	-26	-26									

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located 45 km from Ibb on Trunk road (Sana'a-Taiz) and visible from main road as farm land.

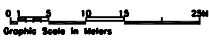
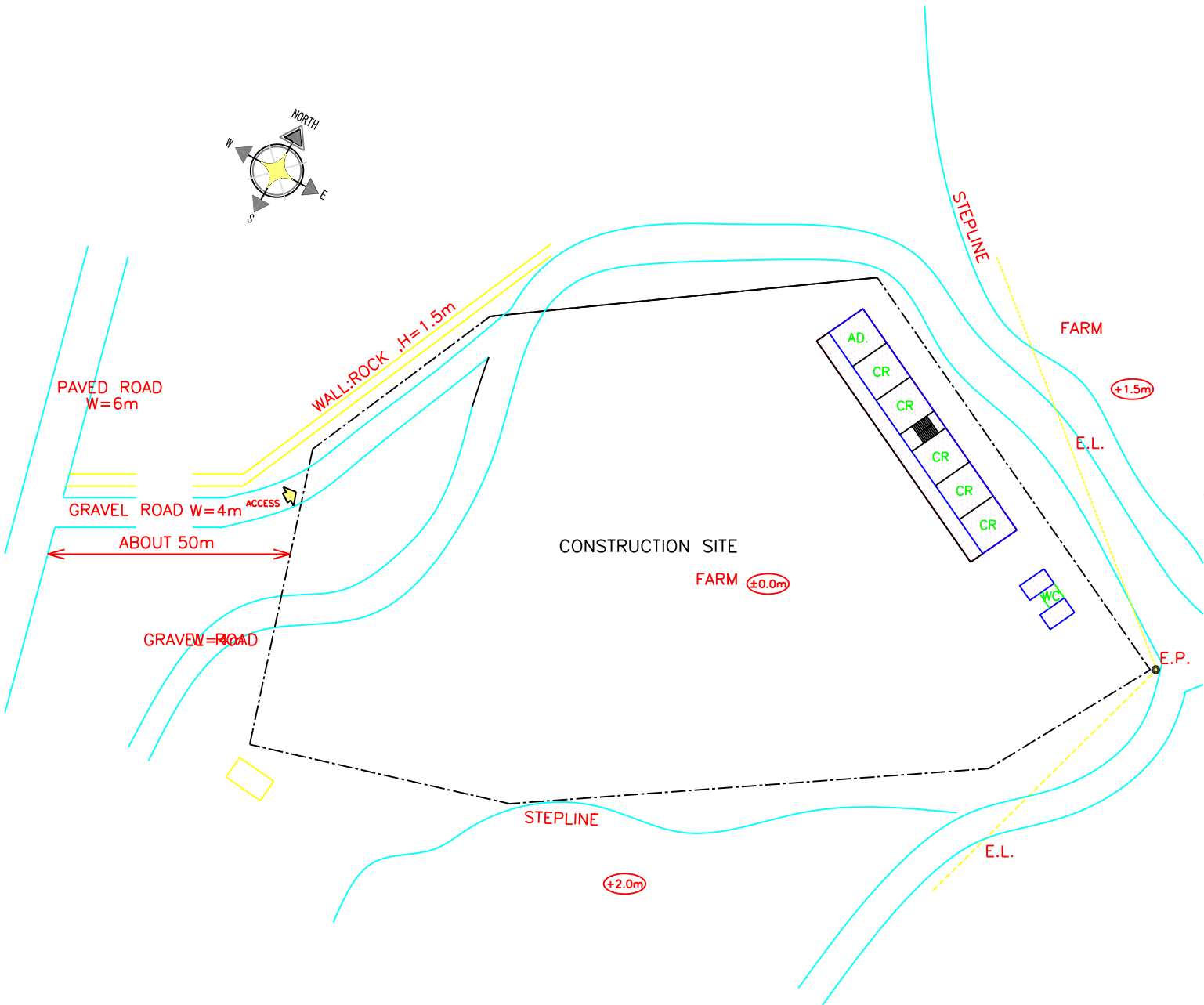
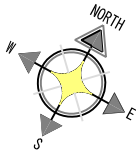
ACCESSABILITY : Access is very good

PROPOSED LAND : Site area is enough as 0.98ha and nearly flat as farm land.

INFRASTRUCTURE : Public Water Supply assisted by KfW is working and possible to connect. Sewer line is under-construction also by KfW and completed on 2004. Electricity line is available at the site.

MANAGEMENT : This school is in newly developed housing area, with 778 students from G1 to G6. When enroll up to G9, students will be over 1000. Population of Yarim is about 150,000. All rooms are rented near by, but no classrooms now.

PLANNING : Plan is to construct new School up to G9. When students from G7 to G9 need 1 room (40 students) each, classrooms are required 21. Continuing double shift, 11 classrooms and 1 admin room will be planned. When calculate double shift for Boys and Girls, Boys (11 classrooms) and Girls (10 classrooms) are required, therefore planned 11 classrooms are sufficient for both. Teachers are shortage 26 but easy for allocate because within Yarim town.



S 1:1000

BUILDING TYPE: 11S
WC TYPE: 6B

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS
in the REPUBLIC of YEMEN

IB- 05 26 SEPTEMBER SCHOOL

IBB GOVERNORATE

YARIM DISTRICT

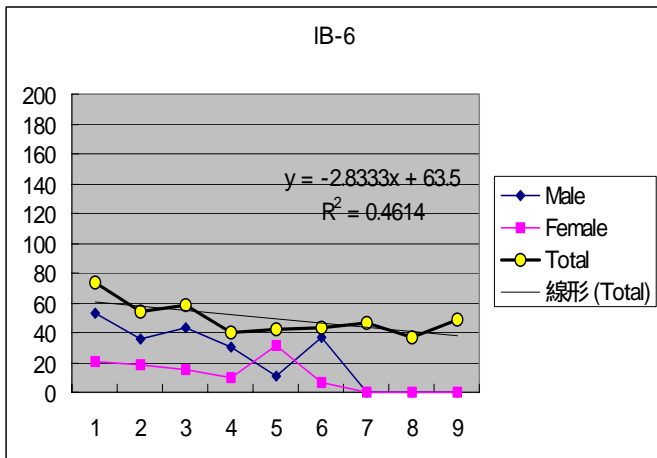
SURVEY RESULT :

Code.	IB-06		Date of Survey	Group	Sheet No.
School Name	Al Diya School – Bait Yahya Aubd		21 / APR / '02	A	IB-06
Location	Directorate	As Suda	Latitude:	N14 ° 10' 26.2 "	
	Sub-Directorate	AR Alamas	Longitude:	E44 ° 22' 05.0"	
	City, Town, Village	Bait yahya Obad	Altitude:	2657 m	
Main Road	Beside of Sanaa – Taiz road	Size & shape of site:	2326.28 m ² slope gradually		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers				
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result	
IB-6	Male	53	36	43	30	11	37	0	0	0	210	new buildign at ssame site Exisitng to be Secondary										
	Female	21	18	15	10	31	6	0	0	0	101											
	Total	74	54	58	40	42	43	47	37	49	444											
	CRs for Male	1.3	0.9	1.1	0.8	0.3	0.9	0.0	0.0	0.0	5.3											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	8	5	3	7		17	6	-11	
	CRs Female	0.5	0.5	0.4	0.3	0.8	0.2	0.0	0.0	0.0	2.5											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	0	0	0	9		17	0	-17	
CRs for Total	1.9	1.4	1.5	1.0	1.1	1.1	1.2	0.9	1.2	11.1												
1 69<2	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	10	8	5	3	8	8	18	6	-12	-12		

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 55 km (60min) north from lbb on main road (Ketaf-Al Sada), then south side of this road.

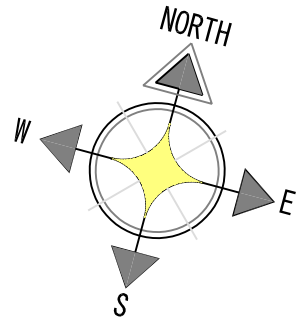
ACCESSABILITY : Access is not trouble

PROPOSED LAND: Site area is 0.23ha and slop in southern boundary but no objection for construction on school ground area.

INFRASTRUCTURE: Water supply is available from pipe line along the site. Electricity is available from line and pole on the site.

MANAGEMENT: Now this school has not enough rooms, so higher grade (G7 to G9) students are send to adjacent school. Including this, students are totally 444 and secondary class. Teachers are very few, only 6.

PLANNING: Plan is to expand new school building on same site. 5 classrooms are usable continuously from existing 8 classrooms, while 3 classrooms for Secondary class. After calculation, 8 classrooms are required but 7 Classrooms and 1 admin room will be planned. 12 teachers shall be allocated additionally.



PAVED ROAD W=6m

-2.0m

CR
A
CR
S

CR CR CR

±0.0m

CONSTRUCTION SITE

FLAG POLE

WC

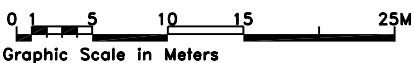
CR
NO. ROOF
CR
CR

CR CR CR AD.

GRAVEL ROAD W=4m

ROCK
+2.0m

ROCK
+4.0m



S 1:500

BUILDING TYPE:7S
WC TYPE:6B

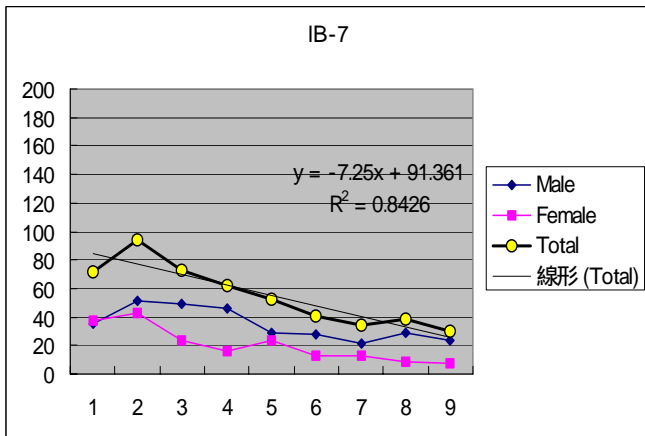
SURVEY RESULT :

Code.	IB-07			Date of Survey	Group	Sheet No.
School Name	Ad Daqiqah School Bilad Shar			23 / APR / '02	A	IB-07
Location	Directorate	-		Latitude:	N13 ° 58' 52.9 "	
	Sub-Directorate	-		Longitude:	E44 ° 03' 35.9"	
	City, Town, Village	-		Altitude:	2295.0 m	
Main Road	8km rough road, pass wadi 3 times			Size & shape of site:	m ² graded land with slope	

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers													
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result										
Deleted	IB-7 Male	35	51	49	46	29	28	21	29	23	311	Deleted																			
	Female	37	43	24	16	23	13	13	9	7	185																				
	Total	72	94	73	62	52	41	34	38	30	496																				
	CRs for Male	0.9	1.3	1.2	1.2	0.7	0.7	0.5	0.7	0.6	7.8																				
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0											9	9	0	0	9	17	18	1		
	CRs Female	0.9	1.1	0.6	0.4	0.6	0.3	0.3	0.2	0.2	4.6																				
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0											9	0	0	0	9	0	17	1	-16	0
	CRs for Total	1.8	2.4	1.8	1.6	1.3	1.0	0.9	1.0	0.8	12.4																				
	1 69<2	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0											12	9	0	0	12	20	18	-2		

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located 20 km from Ibb on main road (Ibb-Al Udain), then 8km (45min) on gravel road to the north.

ACCESSABILITY : Access is trouble. Site is reclaimed along access road, but very tight and dangerous for construction. Existing school locates 4 km up, but this distance is not manageable for two school building as one school.

PROPOSED LAND : There is another school along the access road between existing school and proposed construction site, but west side of this access road is belongs Ibb Governorate. Therefore not need to construct new school here. Along the access road, there were so many rubbish and papers.

INFRASTRUCTURE : - deleted -

MANAGEMENT : - deleted -

PLANNING : - deleted -

— Deleted form Planning —

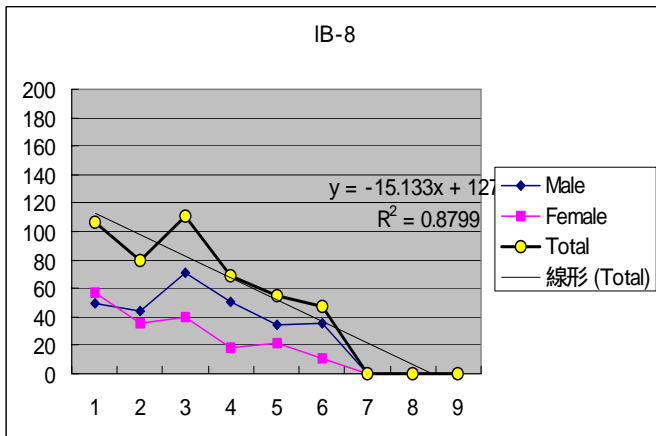
SURVEY RESULT :

Code.	IB-08		Date of Survey	Group	Sheet No.
School Name	Al Ikhlass School - Sahaban		23 / APR / '02	B	IB-08
Location	Directorate	Al Mukhadir	Latitude:	N14 ° 08' 37.0 "	
	Sub-Directorate	Sahban	Longitude:	E44 ° 10' 40.1 "	
	City, Town, Village	Thabo	Altitude:	1539.9 m	
Main Road	8.0km from Taiz- Sanaa road	Size & shape of site:	1630.40 m ² nearly Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms					Teachers												
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result								
IB-8	Male	49	44	71	51	34	36	0	0	0	285	new buinding at same site G7-G9 to be counted					W shift S shift												
	Female	57	36	40	18	21	11	0	0	0	183																		
	Total	106	80	111	69	55	47	0	0	0	468																		
	CRs for Male	1.2	1.1	1.8	1.3	0.9	0.9	0.0	0.0	0.0	7.1																		
	1 69<2	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0											10	7	4	0	6	18	10	-8
	CRs Female	1.4	0.9	1.0	0.5	0.5	0.3	0.0	0.0	0.0	4.6																		
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0											9	0	0	0	9	17	0	-17
CRs for Total	2.7	2.0	2.8	1.7	1.4	1.2	0.0	0.0	0.0	11.7																			
1 69<2	2.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	13.0	13	7	4	0	9	9	21	10	-11	-11									

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located 22 km (40 min) from lbb on main road (Taiz-Sana'a), then 8km on gravel road to the west.

ACCESSABILITY : Secondary road is rough but wide then access is not trouble.

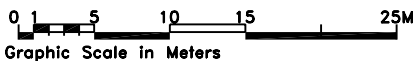
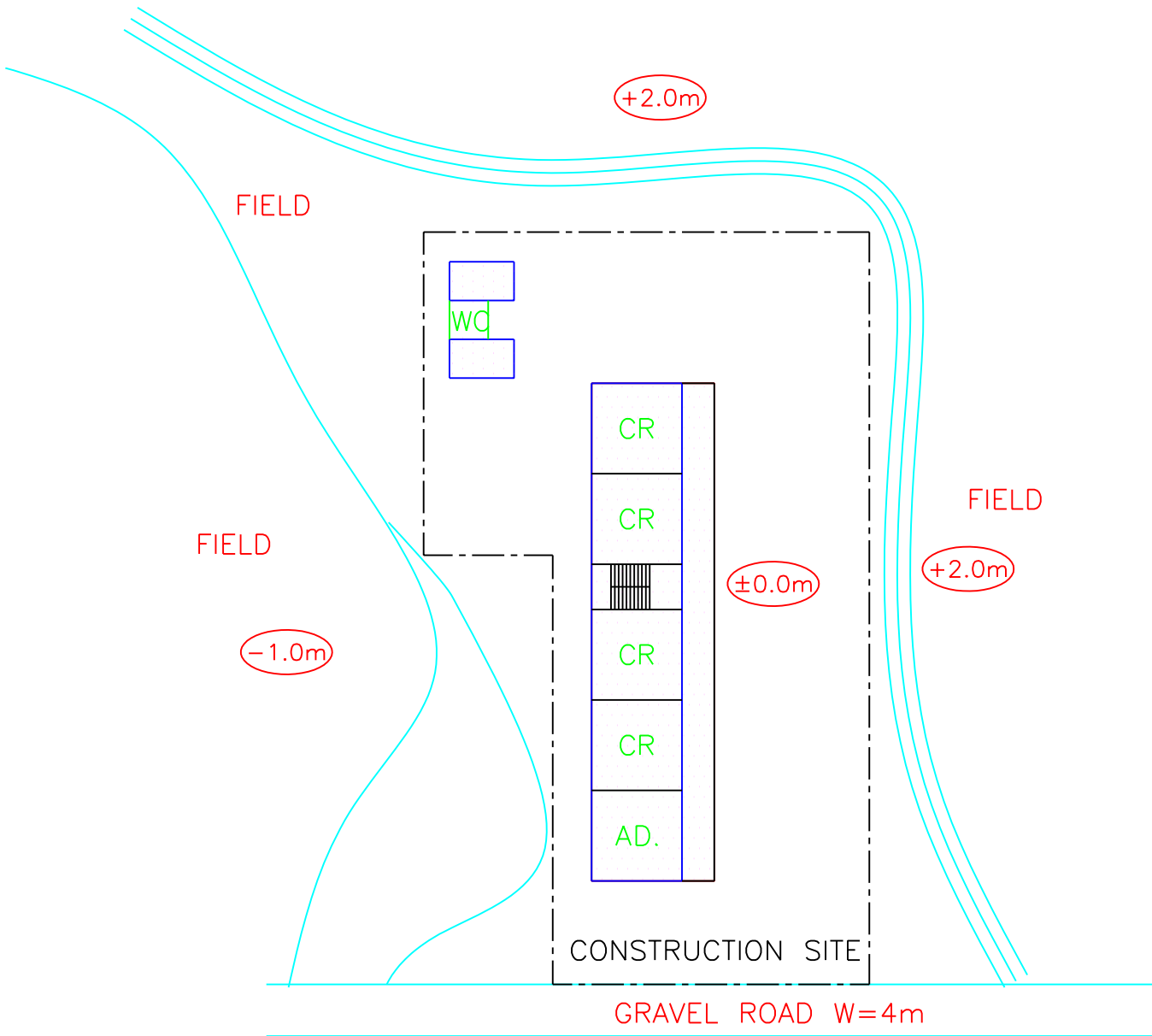
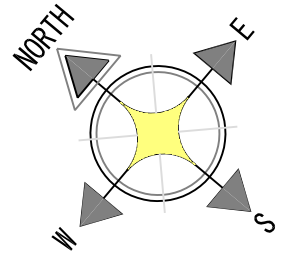
PROPOSED LAND : Land area is 0.16ha and nearly flat. Existing school is 300m away from proposed site. Soil is silt.

INFRASTRUCTURE : Water supply is available from pipe line for Qat cultivation 50m away. Electricity line is available at main road, 2 km away from the site at least 2 month later.

MANAGEMENT : This school has 468 students from G1 to G6 with double shift. But teachers are few, 10 only.

PLANNING : Plan is to construct new school building on separate site. Including G7 to G9 students, 13 classrooms are required. Existing 4 classrooms are usable, 9 classrooms and 1 Admin Room will be planned.

Double shit is eased to shingle shift, but 11 teachers need to allocate additionally.



S 1:500

BUILDING TYPE: 9S
WC TYPE: 6B

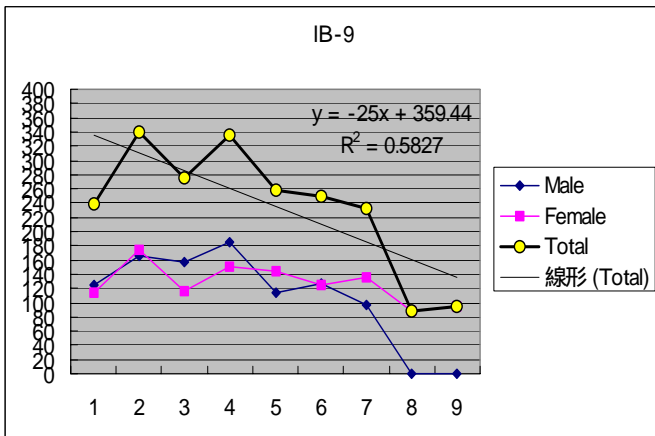
SURVEY RESULT :

Code.	IB-09			Date of Survey	Group	Sheet No.
School Name	Al Qaryaat School – City of Ibb			24 / APR / '02	A	IB-09
Location	Directorate	Ba'aden		Latitude:	N13 ° 56' 29.7 "	
	Sub-Directorate	Al Harath		Longitude:	E44 ° 10' 29.6"	
	City, Town, Village	Al Maries		Altitude:	1951.0 m	
Main Road	02.km from Ibb – Taiz road		Size & shape of site:	3158.08 m ² nearly Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers					
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result		
IB-9	Male	125	165	158	184	113	126	97	0	0	968												
	Female	114	174	117	151	144	124	135	88	95	1142	girls school at new site											
	Total	239	339	275	335	257	250	232	88	95	2110	Large school											
	CRs for Male	3.1	4.1	4.0	4.6	2.8	3.2	2.4	0.0	0.0	24.2												
	1 69<2	3.0	4.0	4.0	4.0	3.0	3.0	2.0	1.0	1.0	25.0	25	19	18	5	12		44	59	15			
	CRs Female	2.9	4.4	2.9	3.8	3.6	3.1	3.4	2.2	2.4	28.6												
	1 69<2	3.0	4.0	3.0	4.0	3.0	3.0	3.0	2.0	2.0	27.0	27	0	0	0	27	14	50	15	-35	-35		
CRs for Total	6.0	8.5	6.9	8.4	6.4	6.3	5.8	2.2	2.4	52.8													
1 69<2	6.0	8.0	7.0	8.0	6.0	6.0	6.0	2.0	2.0	51.0	51	19	18	5	38		91	59	-32				

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located in Ibb city, 200m from city road (Ibb-Taiz) to left, within housing area.

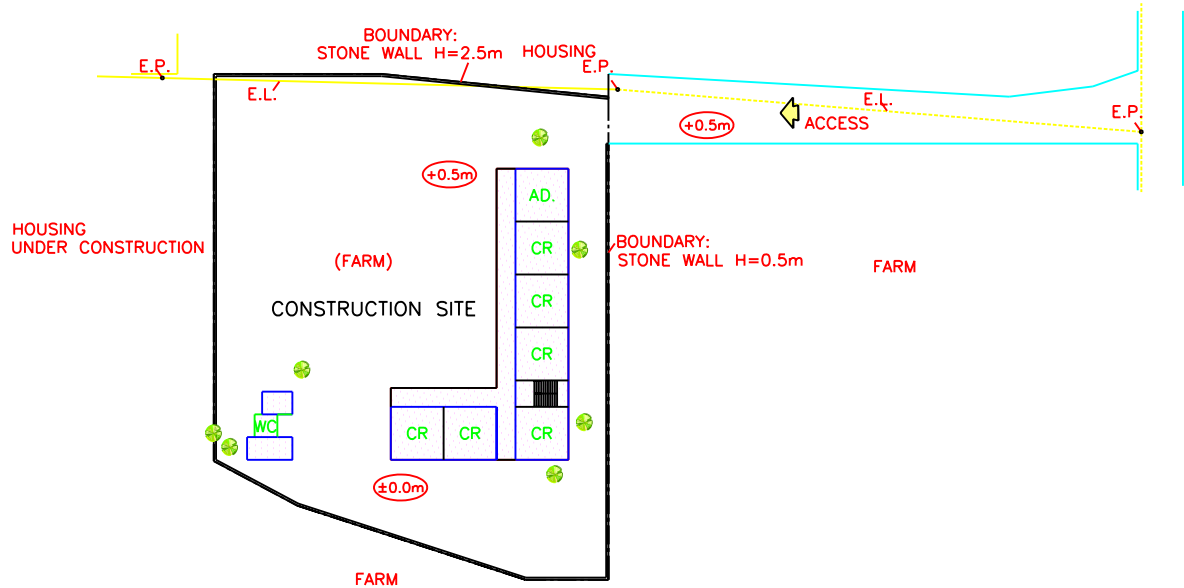
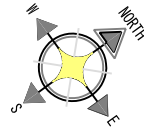
ACCESSABILITY : Access is not trouble. Existing school is 500m from this site.

PROPOSED LAND: Site area is 0.31ha and nearly flat with Qat farm now. Site is not enough for Girls school of 1142 students.

INFRASTRUCTURE: City water is available to connect from pipe line along the site. Electricity is available at the site.

MANAGEMENT: Students are registered 2100 with 59 teachers. Afternoon is girl's class with female headmistress, therefore girls dropout rate is very low. Boys of higher class (G8 & G9) go to adjacent school because shortage of classrooms.

PLANNING: Plan is to construct new Girls School on separate site. After calculation, 27 classrooms are required. Continuing double shift, 13 classrooms and 1 admin room will be planned. A half of 59 teachers are female, but 35 teachers are shortage when new girls school open. Teacher's recruitment is not difficult because school is in town area.



Graphic Scale in Meters

S 1:1000

BUILDING TYPE: 13L
WC TYPE: 6A

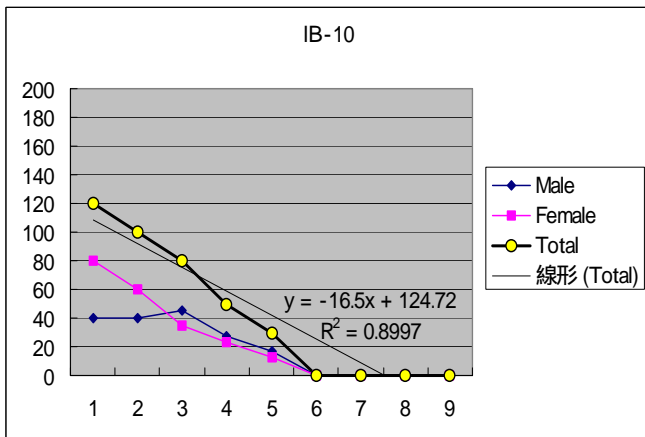
SURVEY RESULT :

Code.	IB-10		Date of Survey	Group	Sheet No.
School Name	Osama Bin Zaid School		22 / APR / '02	B	IB-10
Location	Directorate	Al Mukhadir	Latitude:	N14 ° 06' 09.9 "	
	Sub-Directorate	Al Tharoba – Sahool	Longitude:	E44 ° 10' 53.7"	
	City, Town, Village	Al Taroba - Sahool	Altitude:	1569.9 m	
Main Road	0.3km from Sanaa – Taiz road	Size & shape of site:	1623.76 m ² nearly Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms					Teachers					
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result	
IB-10	Male	40	40	45	27	17	0	0	0	0	169	New building at same site G6-G9 to be counted										
	Female	80	60	35	23	13	0	0	0	0	211											
	Total	120	100	80	50	30	0	0	0	0	380											
	CRs for Male	1.0	1.0	1.1	0.7	0.4	0.0	0.0	0.0	0.0	4.2											
	1 69<2	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0		10	5	0	0	10		18	11	-7	
	CRs Female	2.0	1.5	0.9	0.6	0.3	0.0	0.0	0.0	0.0	5.3											
	1 69<2	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0		10	0	0	0	10		18	0	-18	
CRs for Total	3.0	2.5	2.0	1.3	0.8	0.0	0.0	0.0	0.0	9.5												
1 69<2	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	13.0	13	5	0	0	13	9	21	11	-10	-10		

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 14 km (30 min) from Ibb on Trunk road (Ibb-Sana'a), then 0.3km on gravel road to the east.

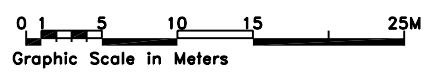
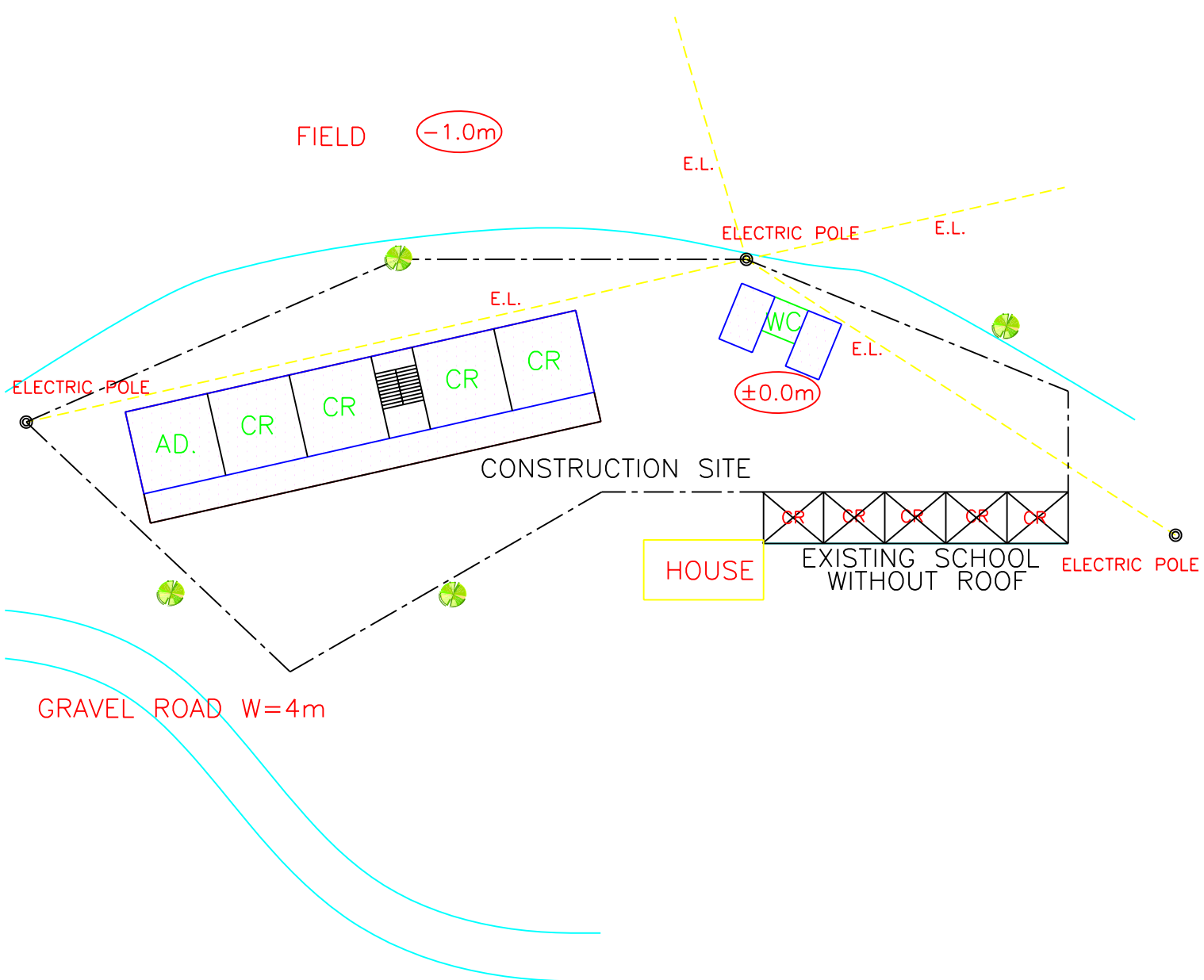
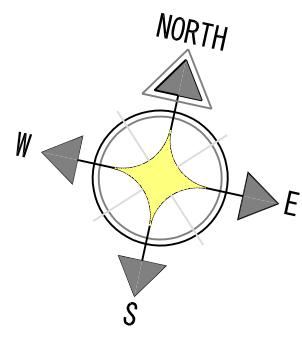
ACCESSABILITY : Access is not trouble.

PROPOSED LAND: Site area is 0.16ha and nearly flat. Aerial electricity line in center of the site has to remove.

INFRASTRUCTURE: No water supply, but water is available to connect from irrigation pipe for Qat along the site. Electricity line is available at the site.

MANAGEMENT: Existing school is irregular type of G1 to G5 only. Students are registered 380 with 11 teachers. Students over G6 go to adjacent school 5 km away. Existing school has 5 classrooms but only CB wall without roofs.

PLANNING: Plan is to construct new School fro G1 to G9. Estimating 1 classroom (40 students) each for higher class, 13 classrooms are required. But site is tight and students for higher class (G6 to G9) are unknown, 9 classrooms and 1 admin room will be planned as minimum requirement. And 4 classrooms are expected that community people renovate existing classrooms by self-reliance in future.



S 1:500

BUILDING TYPE: 9S
WC TYPE: 6B

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS in the REPUBLIC of YEMEN	IB- 10 OSAMA BIN ZAID SCHOOL
	IBB GOVERNORATE AL MUKHADIR DISTRICT

SURVEY RESULT :

Code.	IB-11		Date of Survey	Group	Sheet No.
School Name	Salah – Uddin School – Ath thawabi		25 / APR / '02	A	IB-11
Location	Directorate	-	Latitude:	-	
	Sub-Directorate	-	Longitude:	-	
	City, Town, Village	-	Altitude:	-	
Main Road	Very far from Main road	Size & shape of site:	-		

CULCURATION OF CLASSROOMS :

- DELETED -

NUMBER OF STUDENTS BY GRADE :**VIEW OF EXISTING SCHOOL :**

SITE CONDITIONS: Site is located 4 km north from lbb on main road (lbb-Taiz), then to the west in to mountain area.

ACCESSABILITY : After 1 hour drive on secondary road, we asked Directorate in-charge. He explained that site is located over 2 more hills. This road is very difficult to pass lorry for construction therefore we deleted this site.

PROPOSED LAND: - deleted -

INFRASTRUCTURE: - deleted -

MANAGEMENT: - deleted -

PLANNING: - deleted -

— Deleted form Planning —

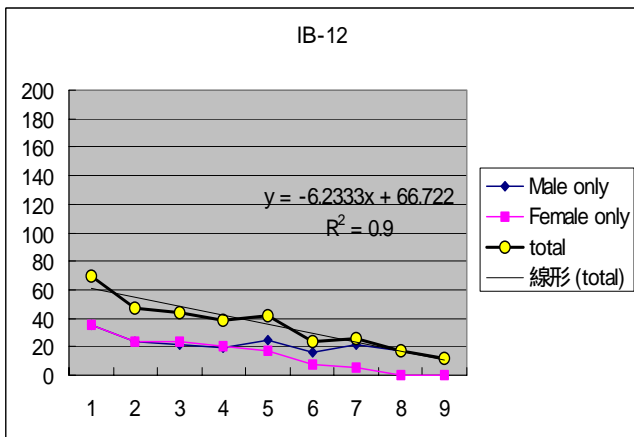
SURVEY RESULT :

Code.	IB-12		Date of Survey	Group	Sheet No.
School Name	Omar Bin Al-Khatab School		25 / APR / '02	B	IB-12
Location	Directorate	Shear	Latitude:	N14 ° 00' 38.8 "	
	Sub-Directorate	Beit Al Saidi	Longitude:	E44 ° 22' 04.4"	
	City, Town, Village	Al-Thohbi	Altitude:	2261.0 m	
Main Road	7km from Taiz-Ibb road	Size & shape of site:	2007.71 m ² nearly Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms					Teachers					
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result	
IB-12	Male	35	24	21	19	25	16	21	17	12	190											
	Female	35	23	23	20	17	7	5	0	0	130											
Deleted	Total	70	47	44	39	42	23	26	17	12	320	Deleted										
	CRs for Male	0.9	0.6	0.5	0.5	0.6	0.4	0.5	0.4	0.3	4.8											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	9	9	0	0		17	13	-4		
	CRs Female	0.9	0.6	0.6	0.5	0.4	0.2	0.1	0.0	0.0	3.3											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	0	0	0	9		17	0	-17		
	CRs for Total	1.8	1.2	1.1	1.0	1.1	0.6	0.7	0.4	0.3	8.0											
	1 69<2	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	10	9	9	0	1	0	18	13	-5	0	

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 35 km (3 hours) from Ibb on main road but not paved.

ACCESSABILITY : Secondary road is very steep truck and necessary to renovation to pass in rainy season.

Access is not possible for lorry therefore we deleted.

PROPOSED LAND: - deleted -

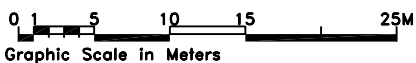
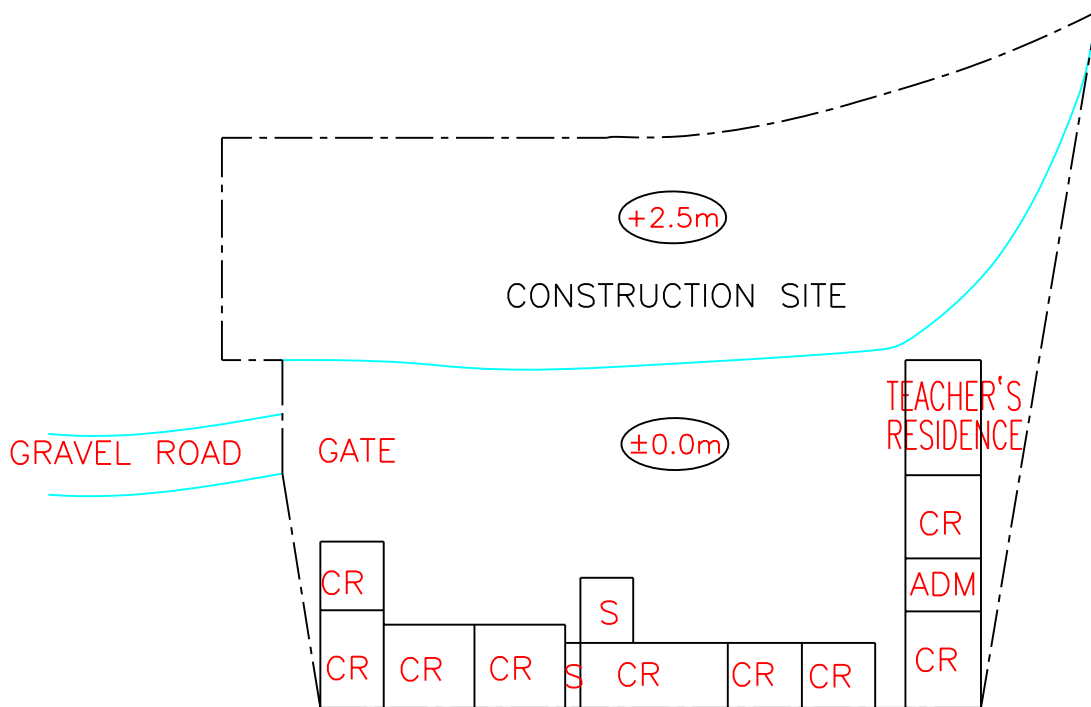
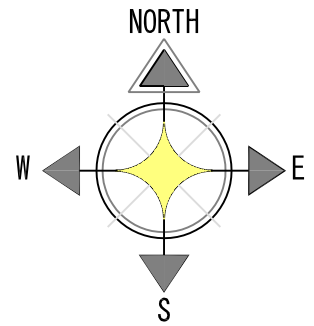
INFRASTRUCTURE: - deleted -

MANAGEMENT: - deleted -

PLANNING: - deleted -

Secondary road; steep truck





S 1:500

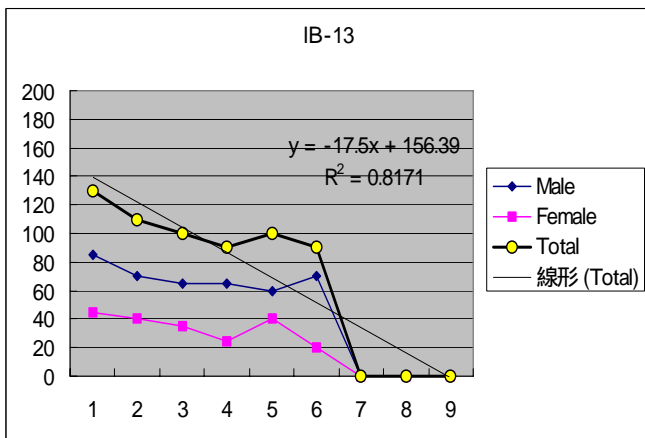
SURVEY RESULT :

Code.	IB-13		Date of Survey	Group	Sheet No.
School Name	Wadi Bana School		22 / APR / '02	B	IB-13
Location	Directorate	Al-Nadirah	Latitude:	N14 ° 06' 33.4 "	
	Sub-Directorate	Hozib	Longitude:	E44 ° 27' 33.6"	
	City, Town, Village	Al-Nadirah	Altitude:	2170.3 m	
Main Road	Beside Ketab-Nadirah road	Size & shape of site:	3630.55 m ² Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms									Classrooms						Teachers						
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result		
IB-13	Male	85	70	65	65	60	70	0	0	0	415												
	Female	45	40	35	25	40	20	0	0	0	205	girls school at new site											
	Total	130	110	100	90	100	90	0	0	0	620	G7-G9 to be counted											
	CRs for Male	2.1	1.8	1.6	1.6	1.5	1.8	0.0	0.0	0.0	10.4												
	1 69<2	2.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	12.0	12	8	8	0	4		21	9	-12			
	CRs Female	1.1	1.0	0.9	0.6	1.0	0.5	0.0	0.0	0.0	5.1												
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	0	0	0	9	9	17	14	-3	-3		
CRs for Total	3.3	2.8	2.5	2.3	2.5	2.3	0.0	0.0	0.0	15.5													
1 69<2	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	17.0	17	8	8	0	9		29	23	-6				

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located 85 km (2 hours) from lbb on main road (Ketab-Nadirah).

ACCESSABILITY : Access is not trouble except 3 points of river-bed bridge. There is new campus for lbb University Faculty of Education at opposite of the site.

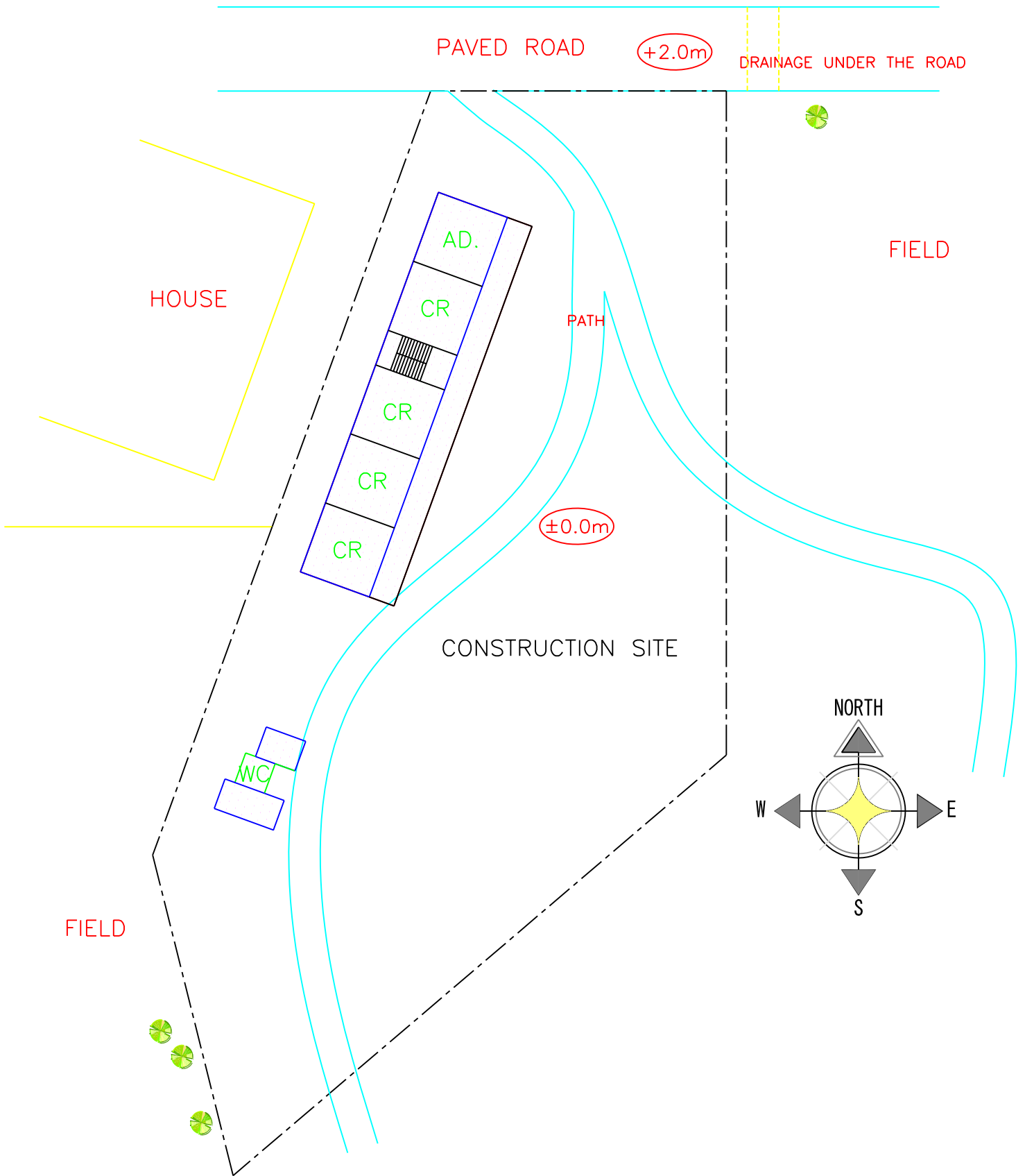
PROPOSED LAND : Site area is 0.36ha, nearly flat and enough for construction. Rainwater may flow into the site because opposite site is higher. Storm Trench shall be constructed along the road.

INFRASTRUCTURE : Water could connect from pipe line along the site. Electricity is available at opposite side of lbb University.

MANAGEMENT : Students are registered 620 for G1 to G6 with 23 teachers while 14 female teachers. Students from G7 go to adjacent school. Request is construction of Girls School Building on new site 300m away.

PLANNING : Estimating 1 classroom (40 students) each from G7 to G9 and coeducation with all students, 17 classrooms are required. Existing 8 classrooms are usable continuously, 9 classrooms are necessary. When calculate for Girls School building with girl's students only, also 9 classrooms are required. Therefore 9 classrooms and 1 admin room will be planned. When girl's students increase more in future, it could divide as Girls School in future.

FACULTY OF EDUCATION



BUILDING TYPE: 9S
WC TYPE: 6A

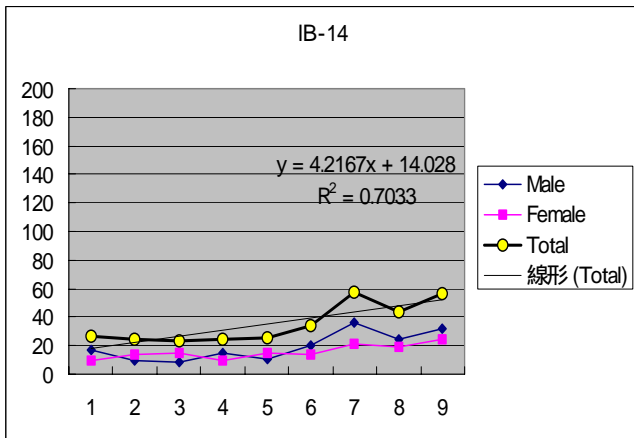
SURVEY RESULT :

Code.	IB-14			Date of Survey	Group	Sheet No.
School Name	Alshahied Alsaied Girls School			21 / APR / '02	A	IB-14
Location	Directorate	Al Qafr		Latitude:	N14 ° 15' 46.3 "	
	Sub-Directorate	Al Qafr – Rehab		Longitude:	E44 ° 12' 18.1 "	
	City, Town, Village	Iryan		Altitude:	2378 m	
Main Road	20km from Sanaa-Taiz road		Size & shape of site:	1563 m ² nearly Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers					
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result		
IB-14	Male	17	10	8	15	11	20	36	25	32	174												
	Female	10	14	15	10	15	14	21	19	24	142		Deleted							F.Teachers			
Deleted	Total	27	24	23	25	26	34	57	44	56	316								13				
	CRs for Male	0.4	0.3	0.2	0.4	0.3	0.5	0.9	0.6	0.8	4.4												
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	14	12	5	2		17	30	13			
	CRs Female	0.3	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.6	3.6												
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	0	0	0	9	0	17	13	-4	0		
	CRs for Total	0.7	0.6	0.6	0.6	0.7	0.9	1.4	1.1	1.4	7.9												
1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	14	12	5	2		17	30	13				

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located 42 km from Ibb on Trunk road (Ibb-Sanaa), then 20 km on secondary road to the west.

ACCESSABILITY : Access is very difficult; it takes 2 hours on secondary road and some parts are under-construction.

PROPOSED LAND : Site is 200m behind of existing school. Site area is 0.15ha as for football court. Final access to the site is very steep with rock, therefore only Four Wheel Drive could pass. Then we deleted this school.

INFRASTRUCTURE : - deleted -

MANAGEMENT : - deleted -

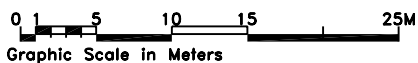
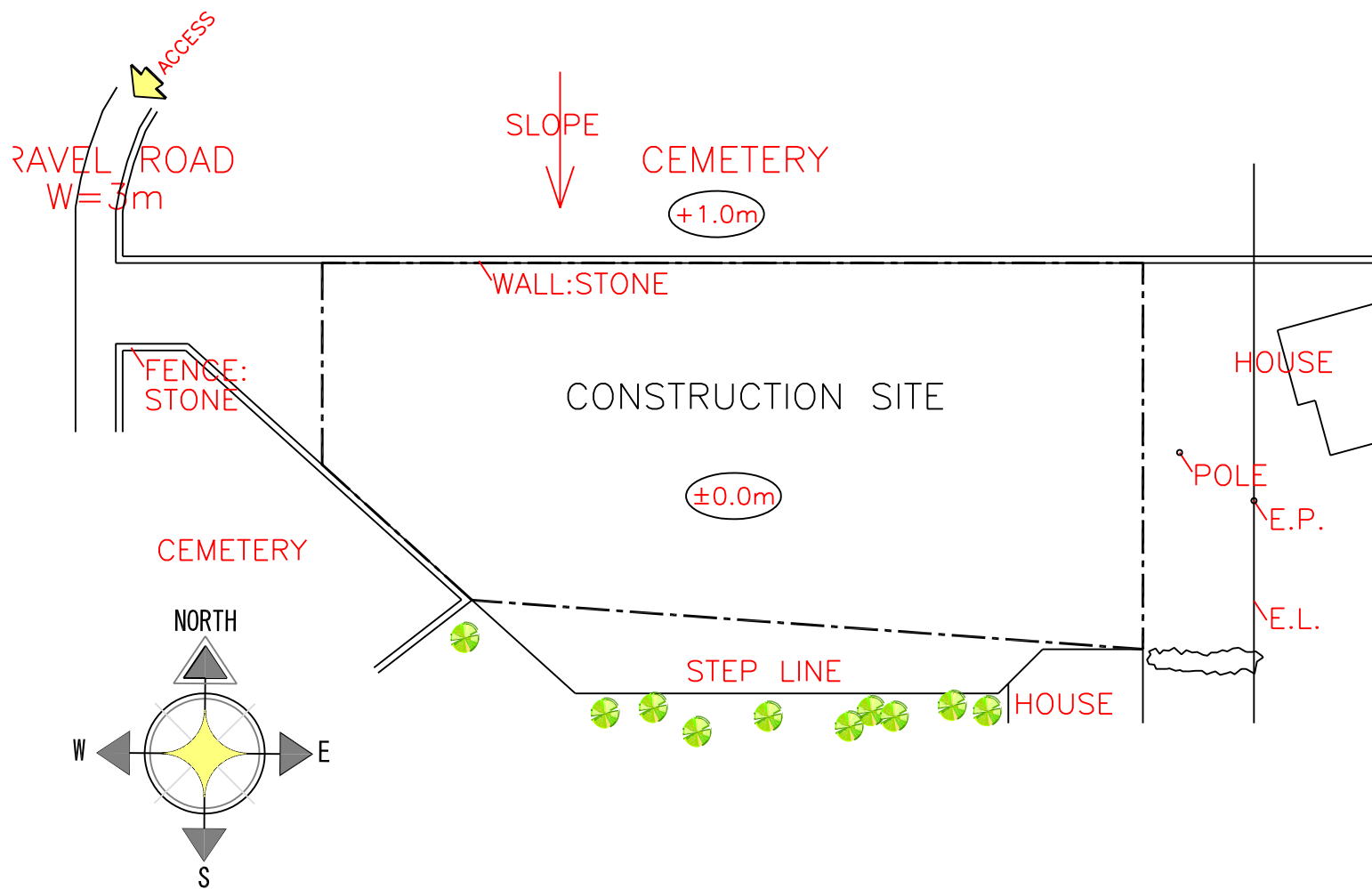
PLANNING : - deleted -

Under-construction



Mountain area





S 1:500

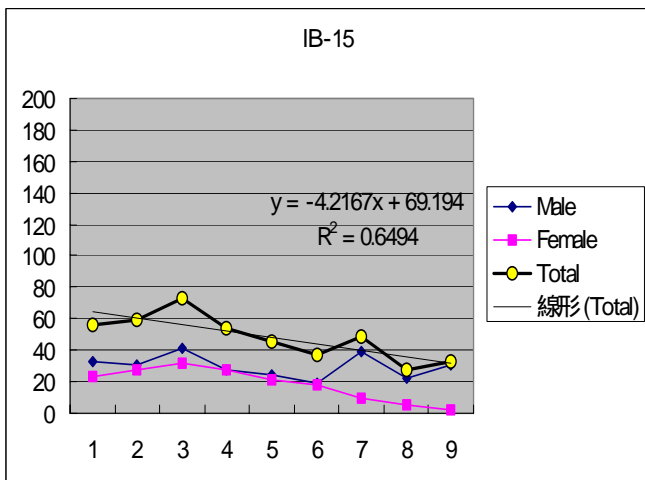
SURVEY RESULT :

Code.	IB-15		Date of Survey	Group	Sheet No.
School Name	Al Nour Fadhai School		24 / APR / '02	A	IB-15
Location	Directorate	Hudaish	Latitude:	N14 ° 04' 40.4 "	
	Sub-Directorate	Dalmah	Longitude:	E44 ° 05' 06.8"	
	City, Town, Village	Alalayah	Altitude:	2261.0 m	
Main Road	17.0km from Taiz- Aden road	Size & shape of site:	3388.00 m ² nearly Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms					Teachers												
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result								
IB-15	Male	33	31	41	27	24	19	39	22	31	267	Expansion at new site ease to shingle shift					W shift S shift												
	Female	23	28	32	27	21	18	10	5	2	166																		
	Total	56	59	73	54	45	37	49	27	33	433																		
	CRs for Male	0.8	0.8	1.0	0.7	0.6	0.5	1.0	0.6	0.8	6.7																		
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0											9	5	3	0	6	17	12	-5
	CRs Female	0.6	0.7	0.8	0.7	0.5	0.5	0.3	0.1	0.1	4.2																		
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0											9	0	0	0	9	17	0	-17
CRs for Total	1.4	1.5	1.8	1.4	1.1	0.9	1.2	0.7	0.8	10.8																			
1 69<2	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	10	5	3	0	7	7	18	12	-6	-6									

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located 27km (50min) from lbb on main road (Sanaa-Taiz), then 17km on gravel road to the west.

ACCESSABILITY : Access is only Four Wheel Drive because secondary road is steep and many rocks exposed.

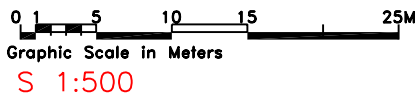
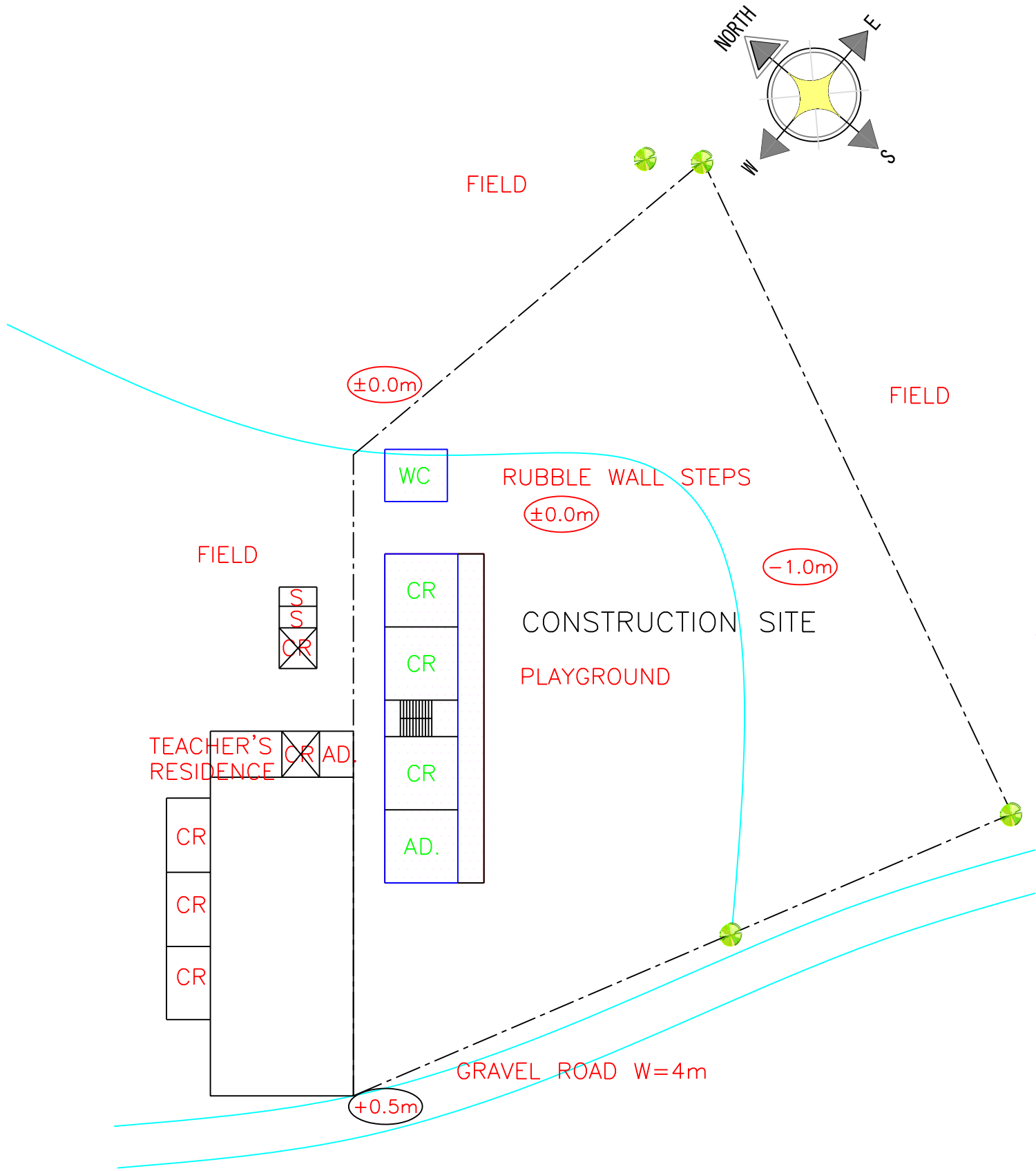
Therefore we deleted this site.

PROPOSED LAND : Site area is 0.33ha of sport ground adjacent existing School. Site has step in center but no trouble for construction. Existing Classrooms are dangerous with exposed steel bars on ceiling.

INFRASTRUCTURE : Water is carried from community well 1.5km away. Rainwater is used for washing clothes. Electricity line is available 17 km away at junction.

MANAGEMENT : - deleted -

PLANNING : - deleted -



TYPE: 9S

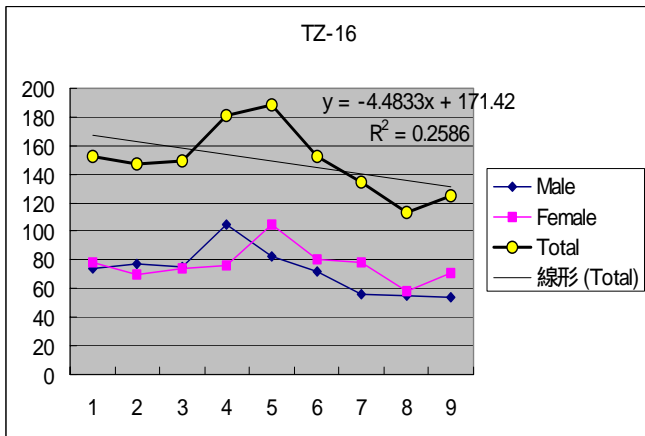
SURVEY RESULT :

Code.	IB-16		Date of Survey	Group	Sheet No.
School Name	Al Imam Al Shokhany School		25 / APR / '02	A	IB-16
Location	Directorate	Al Saiyani	Latitude:	N13 ° 52' 00.6"	
	Sub-Directorate	Al Saiyani	Longitude:	E44 ° 11' 43.8"	
	City, Town, Village	Al Adaray	Altitude:	2231.0 m	
Main Road	3.0km from Taiz- Ibb road	Size & shape of site:	4849.66 m ² nearly Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers			
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result
IB-16	Male	74	77	75	105	83	72	56	55	54	651										
	Female	78	70	74	76	105	80	78	58	71	690	new extension at same site									
	Total	152	147	149	181	188	152	134	113	125	1341	Exisitng to be Secondary						W shift			
	CRs for Male	1.9	1.9	1.9	2.6	2.1	1.8	1.4	1.4	1.4	16.3										
	1 69<2	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	15.0	15	13	6	6	15			27	42	15
	CRs Female	2.0	1.8	1.9	1.9	2.6	2.0	2.0	1.5	1.8	17.3										
	1 69<2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	17.0	17	0	0	0	17			32	15	-17
CRs for Total	3.8	3.7	3.7	4.5	4.7	3.8	3.4	2.8	3.1	33.5											
1 69<2	4.0	3.0	3.0	4.0	4.0	4.0	3.0	3.0	3.0	31.0	31	13	6	6	31	16	59	42	-17	-17	

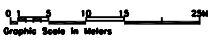
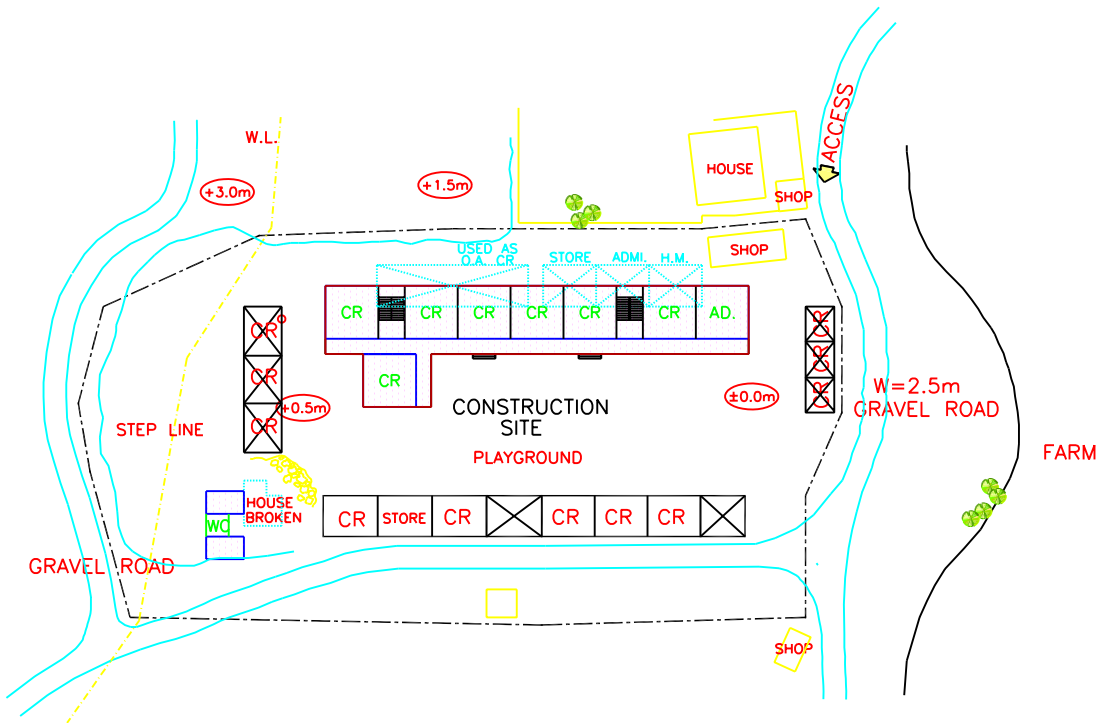
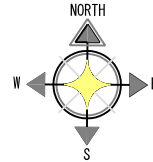
NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



- SITE CONDITIONS :** Site is located 8 km from Ibb on Trunk road (Taiz-Ibb), then 3km (15min) on secondary road to the east.
- ACCESSABILITY :** Access is not trouble even secondary road is gravel road.
- PROPOSED LAND :** Site area is 0.48ha and gradually sloping from west to east but no trouble for construction. Existing 2 buildings have to demolish and 4 building will use continuously.
- INFRASTRUCTURE :** Water is carried from community well 0.5km away and supply water tank for each houses. Electricity is available by community generator for 5 villages (600 houses).
- MANAGEMENT :** Students are registered 1341 while 690 girls students. Afternoon for girls class of double shift, 29 female teachers are allocated. Parent's Council is very active and teachers are also hard teaching at class.
- PLANNING :** Plan is to construct new School building at same site. 6 classrooms are usable continuously for Secondary class (226 students while 120 girls) from existing 13 classrooms. After calculation, 31 classrooms are required from total number of student then 15 classrooms and 1 admin will be planned for double shift. Then 15 classrooms are enough for Boys morning class but 17 classrooms are required for Girls afternoon class. In this case, 2 classrooms will be used from existing building.



S 1:1000

BUILDING TYPE: 15L
WC TYPE: 6B

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS
in the REPUBLIC of YEMEN

IB- 16 AL IMAM AL SHOKHANY SCHOOL

IBB GOVERNORATE

AL SAIYANI DISTRICT

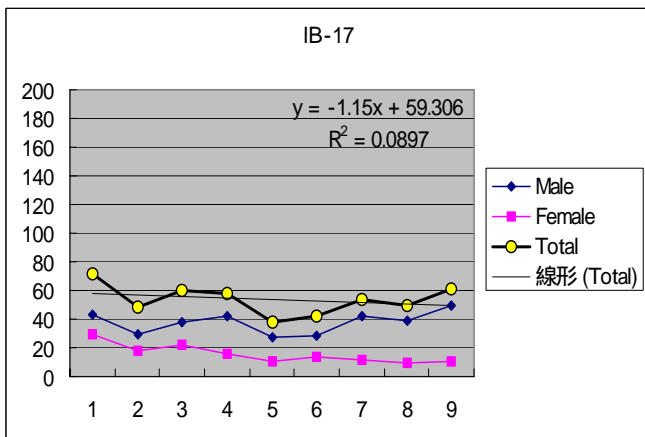
SURVEY RESULT :

Code.	IB-17		Date of Survey	Group	Sheet No.
School Name	Mugam'ah Al Wehdah School		22 / APR / '02	A	IB-17
Location	Directorate	As Saprak	Latitude:	N13 ° 53' 02.3"	
	Sub-Directorate	Blad Al Shwabi	Longitude:	E44 ° 22' 43.7"	
	City, Town, Village	Alryamah	Altitude:	1675.0 m	
Main Road	Beside of Ibb-Qutabah road	Size & shape of site:	7104.82 m ² Slope gradually		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers			
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result
IB-17 including division schools	Male	43	30	38	42	27	28	42	39	50	339										
	Female	26	18	22	16	11	14	12	10	11	140	Combined 3 shcools									
	Total	69	48	60	58	38	42	54	49	61	479	Exisitng to be Secondcary									
	CRs for Male	1.1	0.8	1.0	1.1	0.7	0.7	1.1	1.0	1.3	8.5										
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	5	5	5	9		17	9	-8	
	CRs Female	0.7	0.5	0.6	0.4	0.3	0.4	0.3	0.3	0.3	3.5										
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	0	0	0	9		17	0	-17	
	CRs for Total	1.7	1.2	1.5	1.5	1.0	1.1	1.4	1.2	1.5	12.0										
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	5	5	5	9	9	17	9	-8	-8

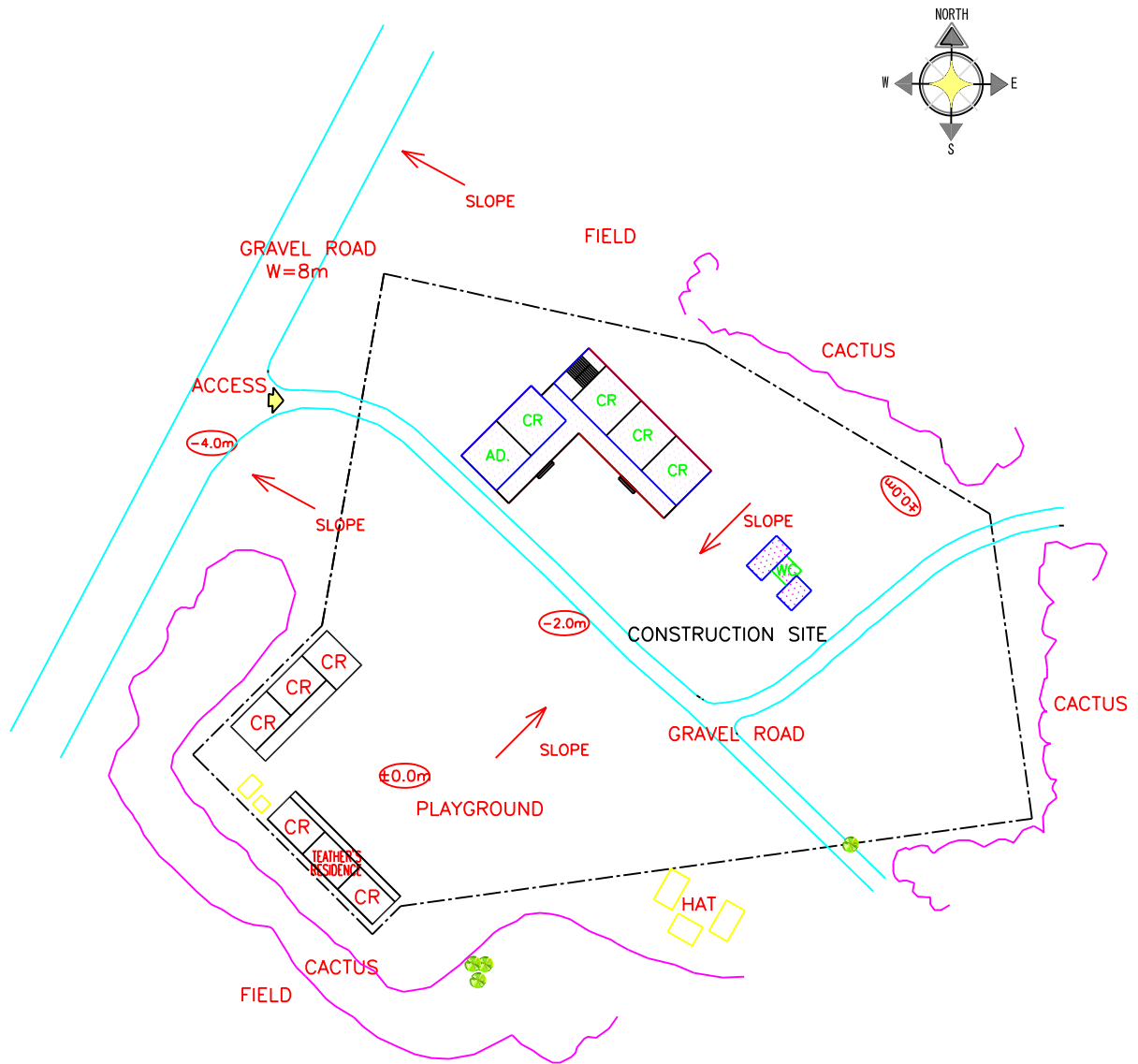
NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



- SITE CONDITIONS:** Site is located 30 km (1 hour) to east from Ibb on main road (Ibb- Qutabah) along this road.
- ACCESSABILITY :** Access is not trouble even after some parts of main road after 10km from Ibb is under repairing.
- PROPOSED LAND:** Site is big space in front of existing school and area is 0.71ha. There is gradually sloping from edge to gravel pass in center of the site.
- INFRASTRUCTURE:** Water is available from public water line which water from community well. Electricity line is available at 1.5km away from the site but no plan for extension.
- MANAGEMENT:** This school is the center of 5 existing schools, but irregular class for higher class (G7 to G9) and secondary class (G10 to G12) only. Adjacent 3 schools are old so extension is requested on this site. Number of Students is including lower class students (G1 to G6) from adjacent schools.
- PLANNING:** Existing 5 classrooms are used for Secondary Class (122 students while 3 girls). Therefore 9 classrooms are required for new school up to G9 class and 1 admin room will be planned



S 1:1000

BUILDING TYPE: 9L
WC TYPE: 6B

**THE PROJECT for CONSTRUCTION of BASIC SCHOOLS
in the REPUBLIC of YEMEN**

IB- 17 MUGAM' AH AL WEHDAH SCHOOL

IBB GOVERNORATE

AS SUBRAH DISRICT

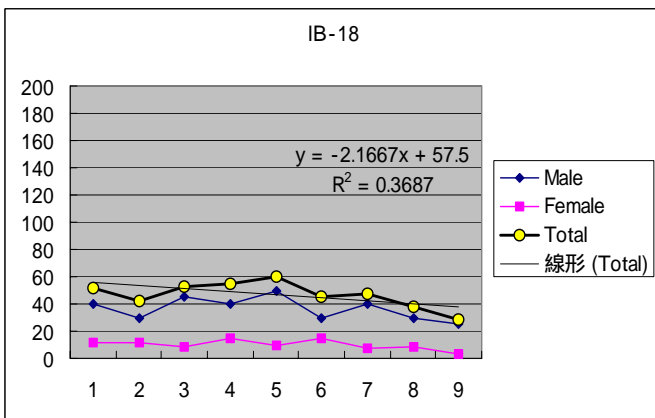
SURVEY RESULT :

Code.	IB-18		Date of Survey	Group	Sheet No.
School Name	Al Aemen School – Thafer		21 / APR / '02	B	IB-18
Location	Directorate	Al Sada	Latitude:	N14 ° 12' 37.8"	
	Sub-Directorate	Thafer	Longitude:	E44 ° 23' 41.4"	
	City, Town, Village	Thafer	Altitude:	2638.7 m	
Main Road	0.8km from Taiz- Aden road	Size & shape of site:	3792.66 m ² nearly Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms					Teachers					
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result	
IB-18	Male	40	30	45	40	50	30	40	30	25	330	new extension at same site										
	Female	12	12	8	15	10	15	7	8	3	90											
	Total	52	42	53	55	60	45	47	38	28	420											
	CRs for Male	1.0	0.8	1.1	1.0	1.3	0.8	1.0	0.8	0.6	8.3											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	8	6	0	3		17	14	-3	
	CRs Female	0.3	0.3	0.2	0.4	0.3	0.4	0.2	0.2	0.1	2.3											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	0	0	0	9		17	0	-17	
CRs for Total	1.3	1.1	1.3	1.4	1.5	1.1	1.2	1.0	0.7	10.5												
1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	8	6	0	3	3	17	14	-3	-3		

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 60 km (1 hour) from lbb on Trunk road (Taiz-Aden), then 0.8km on secondary road.

ACCESSABILITY : Access is not trouble.

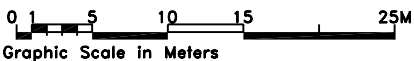
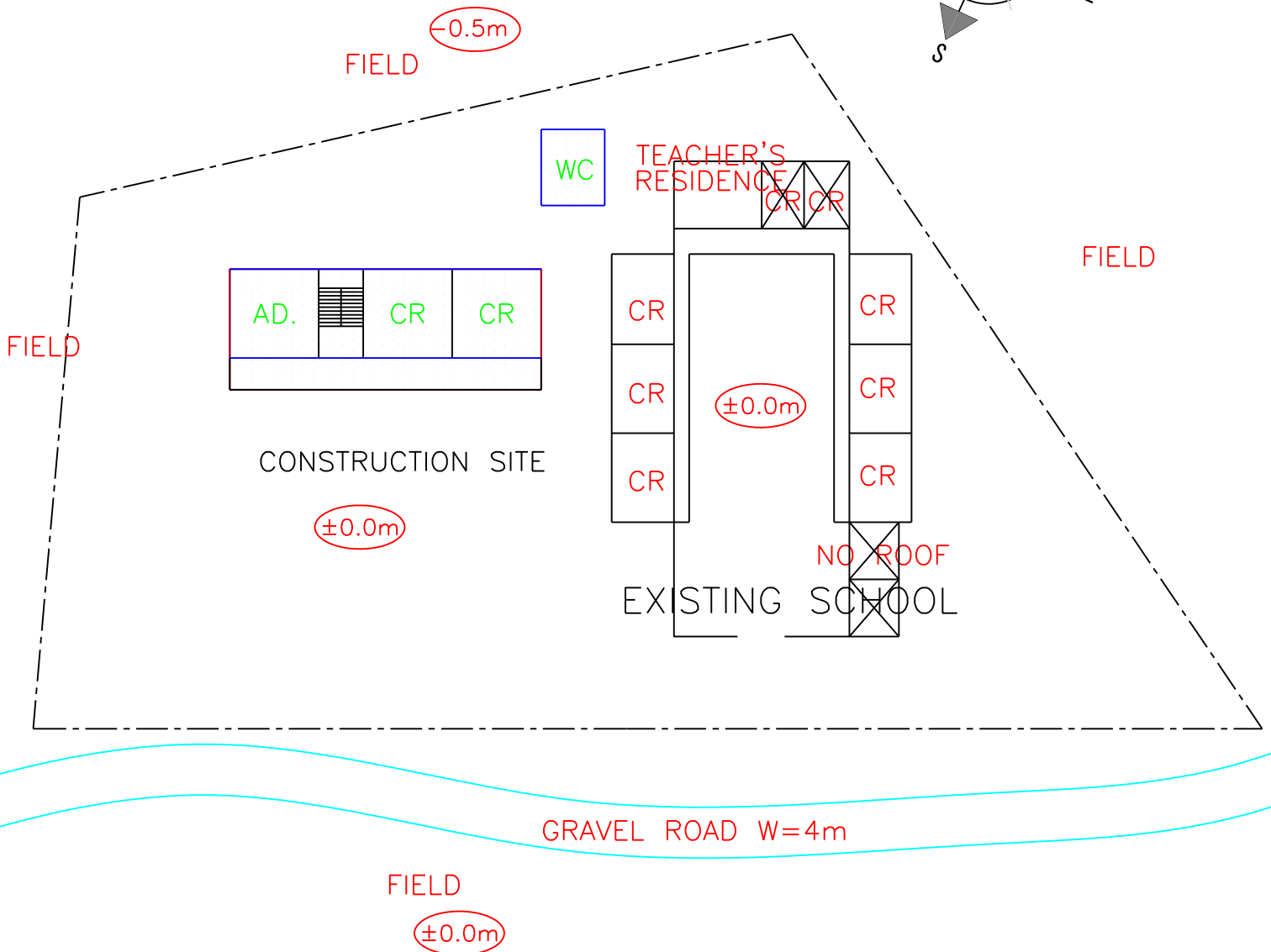
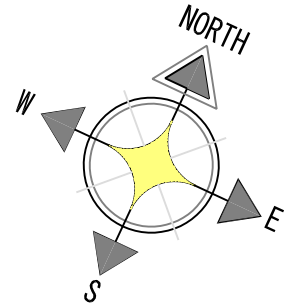
PROPOSED LAND: Site area is 0.37ha, nearly flat and no objection for construction. There are 3 existing buildings but inside of classrooms are very dirty without any clean or sweep.

INFRASTRUCTURE: Water is available to connect from supply pipe along the site. There is an Elevated water tank on existing building but not used nor clean. Electricity line is available 0.2 km away from the site.

MANAGEMENT: Students are registered 420 but girls students are very few (90 only).

PLANNING: Request is to extension of school building on same site. After calculation with numbers of students by grades, 9 classrooms are required but existing 6 classrooms are usable continuously. Therefore only 3 classrooms are necessary to construct.

Construction of 3 classrooms are very small work for this project, therefore we deleted.



S 1:500

TYPE: 9S

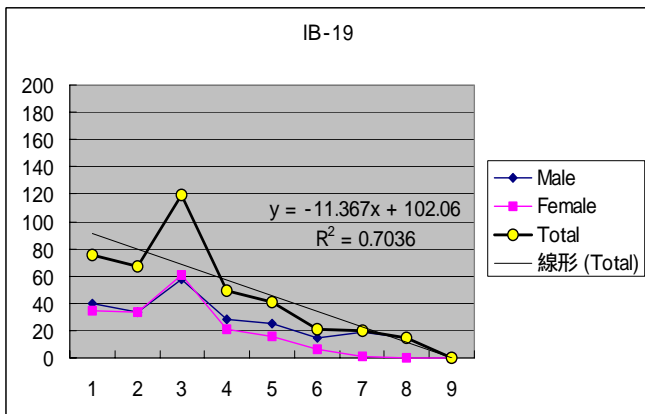
SURVEY RESULT :

Code.	IB-19		Date of Survey	Group	Sheet No.
School Name	Al Thagah Al Ra'eeyah School		22 / APR / '02	A	IB-19
Location	Directorate	Ibb	Latitude:	N13 ° 56' 45.9"	
	Sub-Directorate	Al Maashanah	Longitude:	E44 ° 11' 11.5"	
	City, Town, Village	Manazal Al Raeeey	Altitude:	1925.0 m	
Main Road	1.0km from Taiz- Ibb road	Size & shape of site:	2259.00 m ² Firm with stepping		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms									Classrooms						Teachers						
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result		
IB-19	Male	40	34	58	28	25	15	19	15	10	244	new builing at other site											
	Female	35	33	61	21	16	6	1	0	0	173												
	Total	75	67	119	49	41	21	20	15	10	417												
	CRs for Male	1.0	0.9	1.5	0.7	0.6	0.4	0.5	0.4	0.3	6.1												
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	10	4	0	5		17	18	1		
	CRs Female	0.9	0.8	1.5	0.5	0.4	0.2	0.0	0.0	0.0	4.3												
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	0	0	0	9		17	1	-16		
	CRs for Total	1.9	1.7	3.0	1.2	1.0	0.5	0.5	0.4	0.3	10.4												
	1 69<2	2.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0		12	10	4	0	8	8	20	18	-2	-2	

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 1 km from Ibb on Trunk road (Taiz-Ibb), then 0.1km point on secondary road.

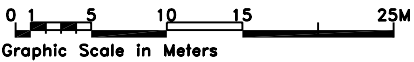
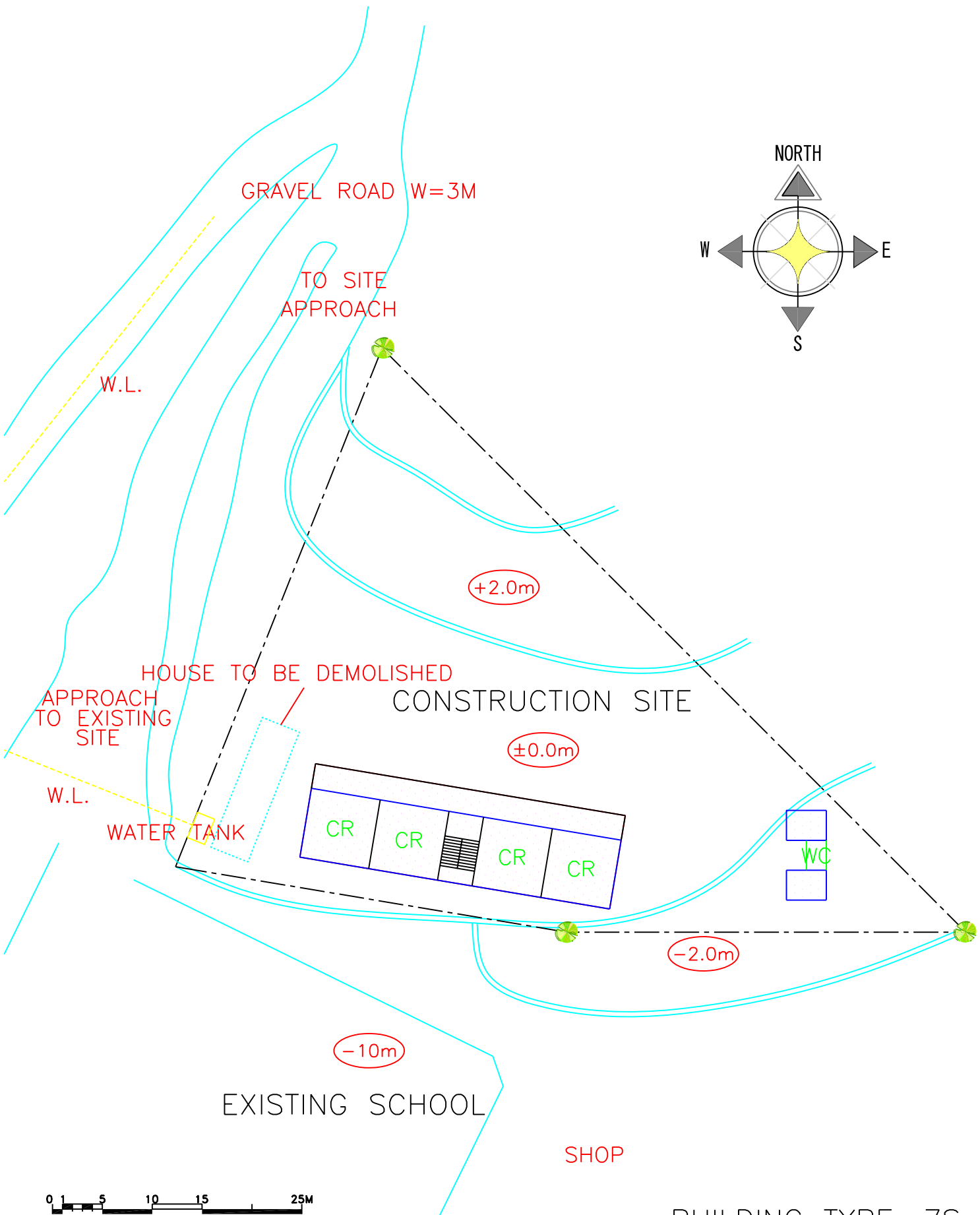
ACCESSABILITY : Access is fine.

PROPOSED LAND: Site area is 0.22ha of farm land and 3m higher than existing school level. Site is triangular and 2m step from east to west. Existing all classrooms is temporary huts made by corrugated iron sheets. Under-constructing or stopped construction of standard school building by MOE, 3 to 4 classrooms are temporary used already. There is small stone house beside the site and this needs to plan carefully

INFRASTRUCTURE: Water is available to connect public pipe line, but need reservoir tank for short supply. Electricity line is available at the site.

MANAGEMENT: Students are registered 417 because newly established school but some students go to adjacent school without classrooms. But this school receives some G3 students from adjacent school. Teachers are very keen for teaching with high moral.

PLANNING: Plan is to construct new building on adjacent site. 4 classrooms are usable from existing 10 classrooms; therefore 8 classrooms will be planned. Admin room will be used existing building which under-construction.



S 1:500

BUILDING TYPE: 7S
WC TYPE: 4

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS in the REPUBLIC of YEMEN	IB- 19 AL TAHGAH RA' EYYAH SCHOOL	
	IBB GOVERNORATE	IBB DISRICT

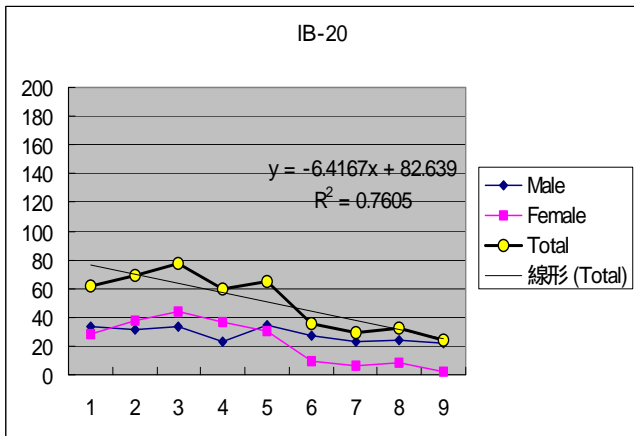
SURVEY RESULT :

Code.	IB-20			Date of Survey	Group	Sheet No.
School Name	Saba'a Dafdaf Girls School			22 / APR / '02	A	IB-20
Location	Directorate	Demnah Khadeer		Latitude:	N13 ° 56' 24.8"	
	Sub-Directorate	Al Raidah		Longitude:	E44 ° 12' 05.5"	
	City, Town, Village	Al Dhela'a		Altitude:	2398.0 m	
Main Road	2.0km from Ibb- Ba'adan road		Size & shape of site:	2380.70 m ² nearly Flat		

CULCURATION OF CLASSROOMS :

		No. of Students/necessary Classrooms										Classrooms						Teachers				
		G1	G2	G3	G4	G5	G6	G7	G8	G9	sub-total	Needed	In-use	Usable	Secondary	Propose	Result	Needed	Existing	Propose	Result	
IB-20	Male	34	31	34	23	35	27	44	48	50	326	girls school at new site										
	Female	28	38	44	37	30	9	10	8	2	206											
	Total	62	69	78	60	65	36	54	56	52	532											
	CRs for Male	0.9	0.8	0.9	0.6	0.9	0.7	1.1	1.2	1.3	8.2											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	9	2	0	7		17	9	-8	
	CRs Female	0.7	1.0	1.1	0.9	0.8	0.2	0.3	0.2	0.1	5.2											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	0	0	0	9	9	17	0	-17	-17
CRs for Total	1.6	1.7	2.0	1.5	1.6	0.9	1.4	1.4	1.3	13.3												
1 69<2	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	10	9	2	0	8		18	9	-9			

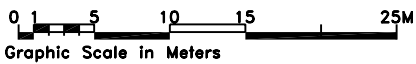
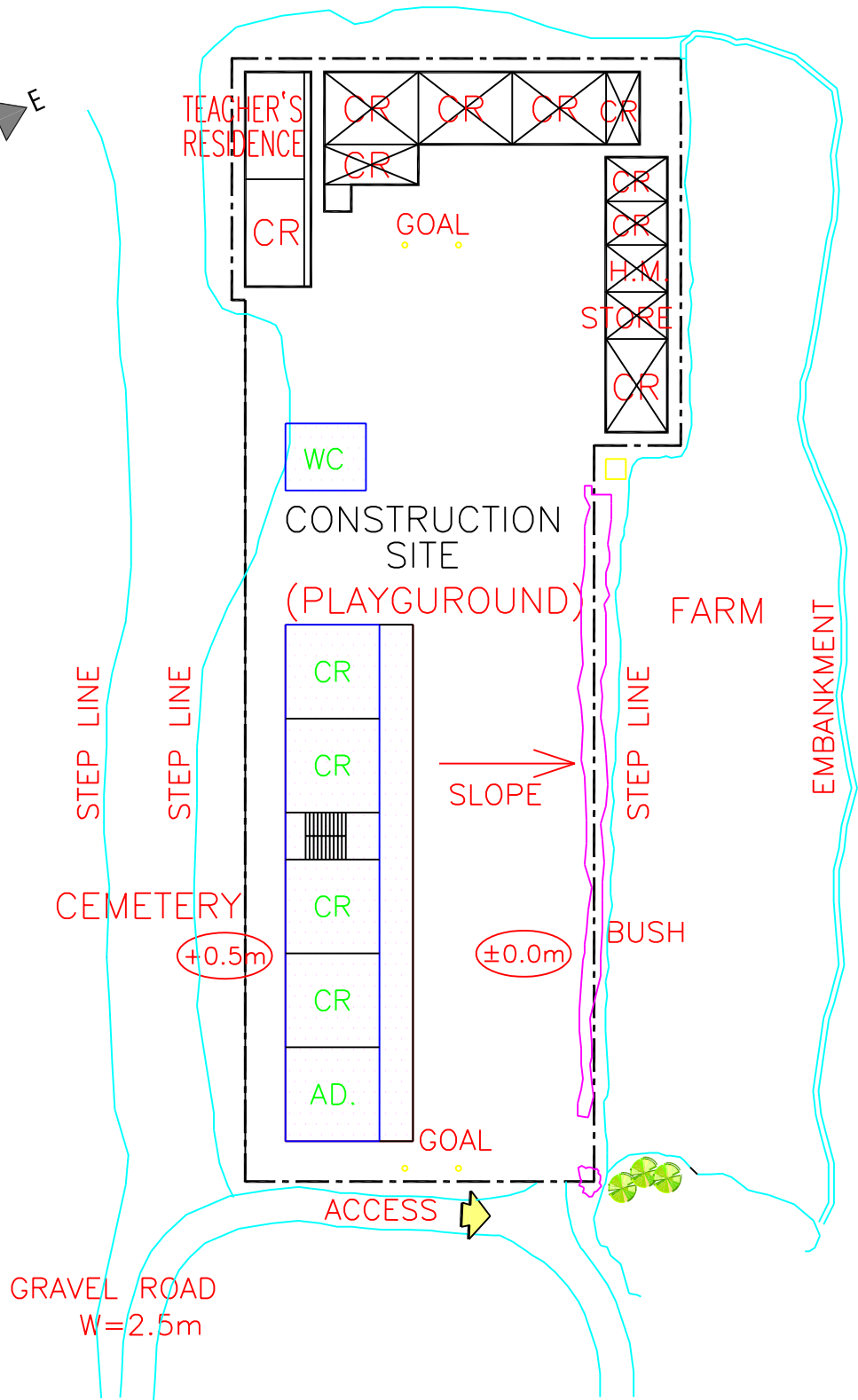
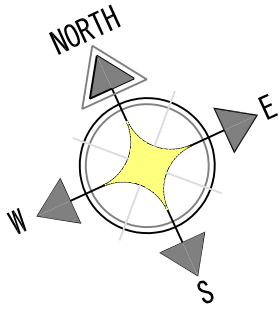
NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



- SITE CONDITIONS:** Site is located 13 km from Ibb on main road (Ibb- Bada'an) to climb, then 2km (20min) on farm road.
- ACCESSABILITY :** Climb altitude 400m up from Ibb, not bad road conditions. But secondary road is very narrow farm road along steep cliff, Four Wheel Drive only pass this route. We deleted that transportation of building materials are trouble
- PROPOSED LAND:** Site is flat space in front of existing school with 0.23 ha, no trouble for construction.
- INFRASTRUCTURE:** Every house has water tank using rainwater during rain, but buying from tank lorry during dray season. Electricity line is available at same area.
- MANAGEMENT:** Request is to construct Girls school but girls students are very few.
- PLANNING:** - deleted -



S 1:500

BUILDING TY