

APPENDIX-7 Examination of Project Schools

Taiz Governorate

Table 2-2 Results of Site Survey (Taiz)

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	Posi
TZ-01	Demnah Khadeer	Al Ihsan School – Damnah Khadeer	New	Individual	Almost Flat	Fair (9.0km from paved main road)	_____	25	18	none	Well water (0.5km from site)	0.2km fr
TZ-02	Demnah Khaeer	Algeed Alsaied Girls School	Existing	Government	Flat	Good (0.1km from paved main road)	3buildings	7	5	2m(H),CB wall around site and steel gate	Well water (0.5km from site)	7km fr
TZ-03	At Taiziyah	Tareq Ibn Ziyad Al Buraihi School	New	Government	Almost Flat	Good (Beside paved main road)	_____	11	2	none	Piped water (beside site)	3km fr
TZ-04	Saber	Ouqba Ben Nafa'a School for Girls	Existing	Community	Almost Flat	Fair (Besidepaved main road)	2buildings	14	6	none	Piped water will be supplied 2002	1km fr
TZ-05	Maweyah	Alnahada Badeyah School	New	Government	Almost Flat	Good (0.8km from main road)	_____	9	6	none	Well water (0.2km from site)	20km fr
TZ-06	At Taiziyah	Khaled Ibn Al Waleed School Al Ag'ood	Existing	Government	Almost Flat	Good (Beside paved main road)	3 building	7	0	none	Well water (0.3km from site)	5km fr gene Avai
TZ-07	Haifan	Al Ma'asarah Al Aghaber School	New	_____	Mountainous	Bad (1km from paved main road)	_____	0	0	_____	_____	_____
TZ-08	Jabel Habashi	Al Wafa Maylat School	New	Individual	Inclined Gently	Fair (1.5km from paved main road)	_____	9	9	none	Well water (0.2km from site)	7km fr
TZ-09	Jabel Habashi	Othman Bin Afa' an School	Existing	Individual	Flat	Fair (3km from paved main road)	2 building	9	2	none	Well water (0.5km from site)	3km fr
TZ-10	Al Misrakh	Juba(Jeba) Girls School	New	N/A	Inclined Gently	Fair (1km from paved main road)	_____	12	12	none	Piped water (0.1km from site)	1km fr
TZ-11	Al Maafer - Jabel Hebshi	Khaled Ibn Al Walid School Al Afairah Hafan	Existing	Government	Almost Flat	Fair (13km from paved main road)	2 building	6	6	none	Well water (2km from site)	4km fr
TZ-12	Saber Al-Mawade	Khaled Ibn Al Walid - Al Dabab	Existing	Individual	Flat	Good (beside main road)	4 building	12	6	2m(H),CB wall around site and steel gate	Well water (0.5km from site)	13km fr
TZ-13	Jabel Habashi	Maud Bin Jabal – Al Gherrama	Existing	Government	Almost Flat	Good (0.5km from paved main road)	6 Building	21	14	2m(H),CB wall around site and steel gate	Well water (2km from site)	Exis
TZ-14	Maafer -Jabel He	Al Wahdah - Nawayha	New	Government	Almost Flat	Fair (10km from paved main road)	_____	12	5	none	Well water (0.5km from site)	10km fr
TZ-15	At Taiziyah	Al Kifah Girls School – Al Ramadah	New	Individual	Flat	Good (0.05km from paved main road)	_____	21	10	none	Piped water (beside site)	Availab si
TZ-16	Saalah	Al Fawz School	Existing	Government	inclined	Fair (0.05km from paved main road)	4 building	11	11	2m(H),CB wall around site and steel gate	Piped water Existing	Exis
TZ-17	Saber	Al Fath Al Uzlah School	New	Individual	Flat	Fair (0.4km from paved main road)	_____	10	7	none	Well water (0.6km from site)	10km fr
TZ-18	Al Maafer	Ammar Bin Yaser	Existing	Government	Flat	Good (beside paved main road)	6 Building	11	3	none	Piped water (0.02km from site)	0.3km fr
TZ-19	At Taiziyah	Al Nnour Alajound Girls School	New	Individual	Almost Flat	Fair (20m from gravel main road)	_____	8	8	none	Well water (0.15km from site)	5km fr
TZ-20	Jabel Habashi	Ahmed Bin Alwan	New	Individual	Inclined	Fair (4km from paved main road)	_____	6	6	0.5m(H),stone wall over 40m and steel gate	Piped water (beside site)	Exis

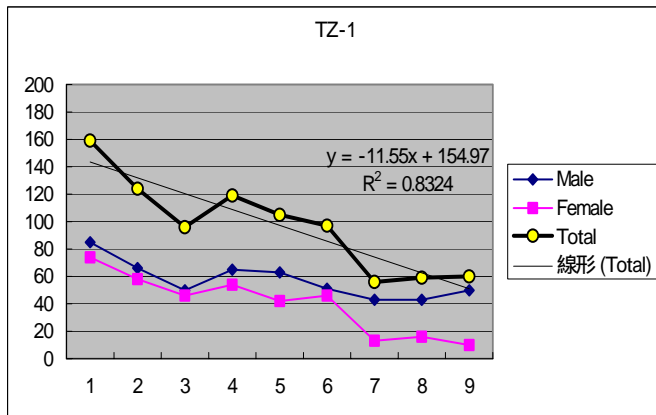
SURVEY RESULT:

Code.	TZ-01		Date of Survey	Group	Sheet No.
School Name	Al Ihsan School – Damnah Khadeer		16 / APR / '02	A	TZ-01
Location	Directorate	Demnah Khadeer	Latitude:	N13 ° 25'37.1”	
	Sub-Directorate	Wadi Alhaseean	Longitude:	E 44 ° 06'49.3”	
	City, Town, Village	Wadi Alhaseean	Altitude:	1433 m	
Main Road	9km from Taiz- Aden road	Size & shape of site:	2085.00m 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			
TZ-1	Male	85	66	50	65	63	51	43	43	50	516	girls school at other site Existing to be Secondary												
	Female	74	58	46	54	42	46	13	16	10	359													
	Total	159	124	96	119	105	97	56	59	60	875													
	CRs for Male	2.1	1.7	1.3	1.6	1.6	1.3	1.1	1.1	1.3	12.9													
	1 69<2	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0		10	25	18	5	-3		18	32	14			
	CRs Female	1.9	1.5	1.2	1.4	1.1	1.2	0.3	0.4	0.3	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	10	18	14	-4	-4		
CRs for Total	4.0	3.1	2.4	3.0	2.6	2.4	1.4	1.5	1.5	21.9														
1 69<2	4.0	3.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	19.0	19	25	18	5	6		32	32	0					

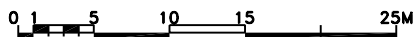
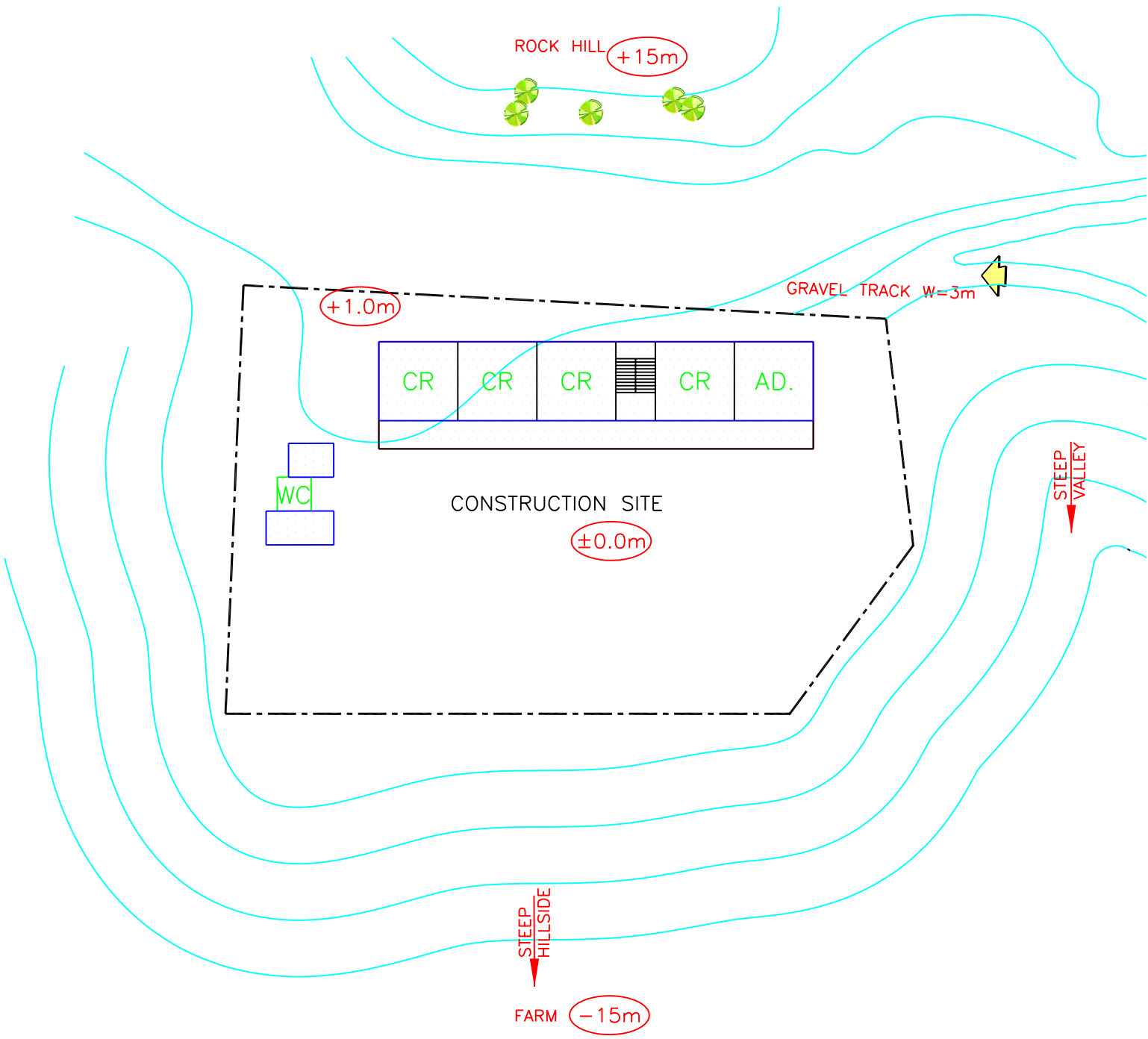
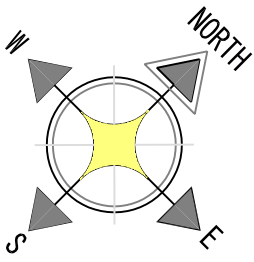
NUMBER OF STUDENTS BY GRADE:



VIEW OF EXISTING SCHOOL:



- SITE CONDITIONS:** Site is located 47 km (30min) from Taiz on Trunk road (Taiz-Aden), then to the west approx. 9Km point. Site is on the hill before 0.3km from existing School Buildings and visible from main road.
- ACCESSABILITY :** Access is not trouble, but final approach truck from main road up to the Site is narrow and steep.
- PROPOSED LAND:** Site area is 0.2ha and gradually sloping to south-east direction where graded by blasting original rock-shelf. Therefore, soil-bearing test is essential before construction.
- INFRASTRUCTURE:** Water is carried from community Well, there are toilet with water tank. Electricity line is available 0.2 km away from the site.
- MANAGEMENT:** This school is in rural area but 875 students are registered. Boys and Girls are separated from G1 to G8 and Secondary school has 244 students (49 girls students). Therefore this school is very active.
- PLANNING:** Plan is to construct Girls School on new site 300m away from existing school. 18 classrooms are usable continuously from existing 25 Classrooms. 5 classrooms are under-constructing for Secondary School (244 students as mentioned above), by SFD funds. 9 Classrooms and 1 Admin Room will be planned.



Graphic Scale in Meters

S 1:500

BUILDING TYPE: 9S
WC TYPE: 6A

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

TZ- 01 AL IHSAN SCHOOL-DAMNAH KHAER

TAIZZ GOVERNORATE

DEMNAH KHADEER DISTRICT

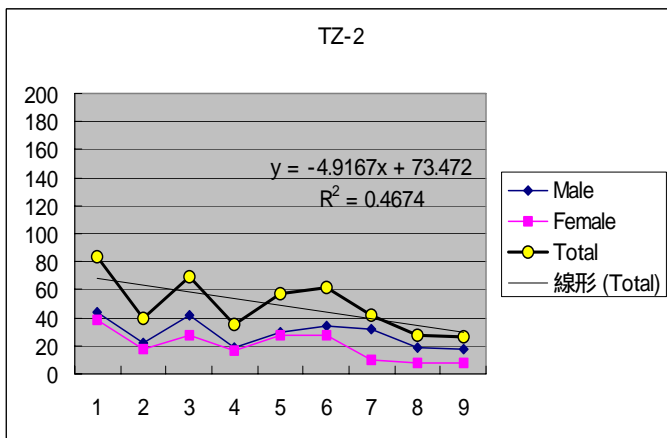
SURVEY RESULT:

Code.	TZ-02		Date of Survey	Group	Sheet No.
School Name	Ad-Demnah Al Badw Girls School		16 / APR / '02	B	TZ-02
Location	Directorate	Demnah Khadeer	Latitude(緯度)	N13 ° 24' 21.4 "	
	Sub-Directorate	Al Raidah	Longitude(經度)	E44 ° 21' 32.9"	
	City, Town, Village	Al Dhela'a	Altitude(高度)	924.4 m	
Main Road	0.1 km from Taiz-Aden road	Size and shape of site:	8767.20 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	
TZ-2	Male	44	22	42	19	30	34	32	19	18	260	Girals school at same site										
	Female	39	18	27	16	27	27	10	8	8	180											
	Total	83	40	69	35	57	61	42	27	26	440											
	CRs for Male	1.1	0.6	1.1	0.5	0.8	0.9	0.8	0.5	0.5	6.5											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	7	5	0	4		17	22	5	
	CRs Female	1.0	0.5	0.7	0.4	0.7	0.7	0.3	0.2	0.2	4.5											
	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	9	17	5	-12	-12
CRs for Total	2.1	1.0	1.7	0.9	1.4	1.5	1.1	0.7	0.7	11.0												
1 69<2	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	10	7	5	0	5		18	22	4			

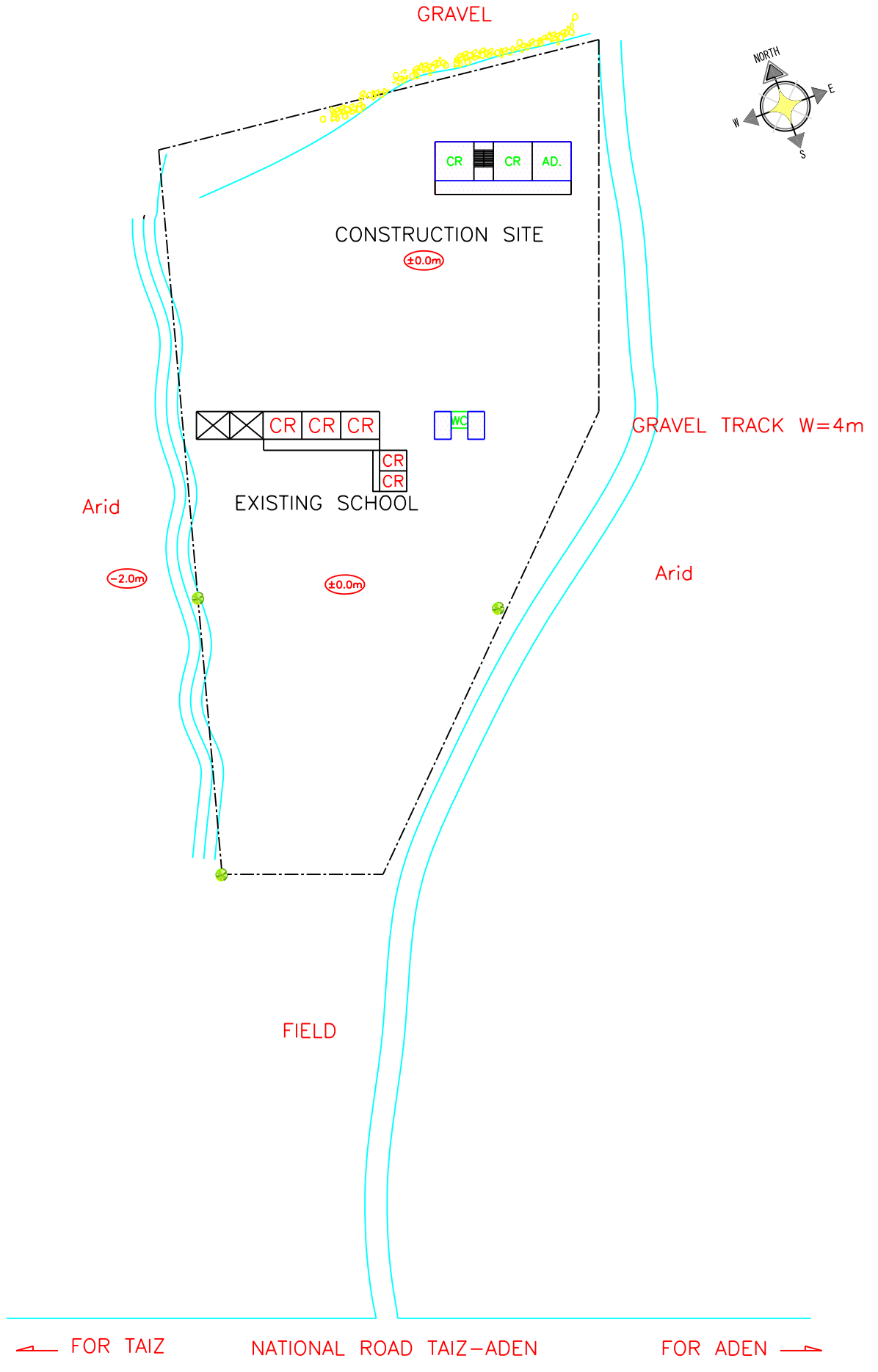
NUMBER OF STUDENTS BY GRADE:



VIEW OF EXISTING SCHOOL:



- SITE CONDITIONS:** Site locates 50km form Taiz, then 45 min drive along trunk road (Taiz-Aden) just adjacent North side.
- ACCESSABILITY:** Access is not trouble. Existing school is visible from trunk road but proposed site is just behind of exiting.
- PROPOSED LAND:** Land area approx. 0.87ha, enough for proposed school buildings, soil is rocky silt.
- INFRASTRUCTURE:** No piped water supply, but water is carried from community well 0.5km away. Electricity is available 7km away Al Raheda).
- MANAGEMENT:** This school registered 440students with 22 teachers from G1 to G9 and well managed.
- PLANNING:** Request is girls school, but girls are small as 180 students now. Therefore, plan is to construct coeducation school building on same land. There are 5 Classrooms are usable continuously from existing 7 classrooms. Plan will be 5 classrooms and 1 admin as a new building.



0 5 10 15 20m
Graphic Scale in Meters

S 1:1000

BUILDING TYPE: 5S
WC TYPE: 6B

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

TZ- 02 A SCHOOL FOR GIRLS IN AD-DEMNAH AL BADW

TAIZZ GOVERNORATE

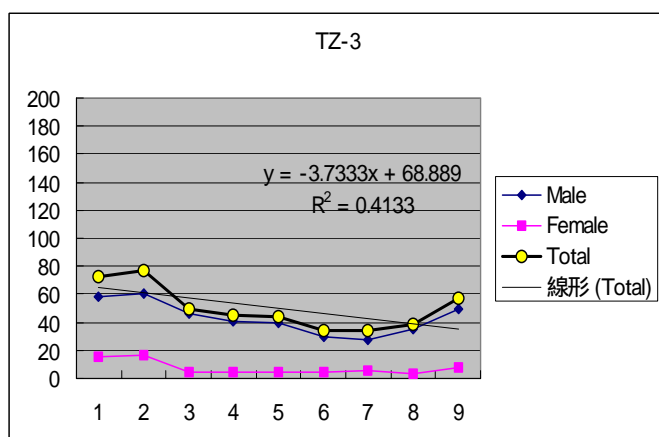
DEMNAH KHADEER DISTRICT

SURVEY RESULT :

Code.	TZ-03			Date of Survey	Group	Sheet No.
School Name	Tareq Ibn Ziyad Al Buraihi School			14 / APR / '02	A,B	TZ-03
Location	Directorate	At Taiziyah		Latitude	N13 ° 39' 59.0"	
	Sub-Directorate	Buraihiy		Longitude	E44 ° 00' 06.2"	
	City, Town, Village	Hashama		Altitude	1143.4 m	
Main Road	0.05km from Taiz-Mekhlaf road		Size & shape of site:	6030.70 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	
TZ-3	Male	58	60	46	41	40	30	28	35	49	387	New building at same site										
	Female	15	17	4	4	4	4	6	3	8	65											
	Total	73	77	50	45	44	34	34	38	57	452											
	CRs for Male	1.5	1.5	1.2	1.0	1.0	0.8	0.7	0.9	1.2	9.7											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	11	2	0	7		17	29	12	
	CRs Female	0.4	0.4	0.1	0.1	0.1	0.1	0.2	0.1	0.2	1.6											
	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	12	-5	
CRs for Total	1.8	1.9	1.3	1.1	1.1	0.9	0.9	1.0	1.4	11.3												
1 69<2	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0	11	11	2	0	9	9	19	29	10	10		

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

SITE CONDITIONS: Site is located 5km from Taiz along west-side of trunk road (Taiz-Audain).

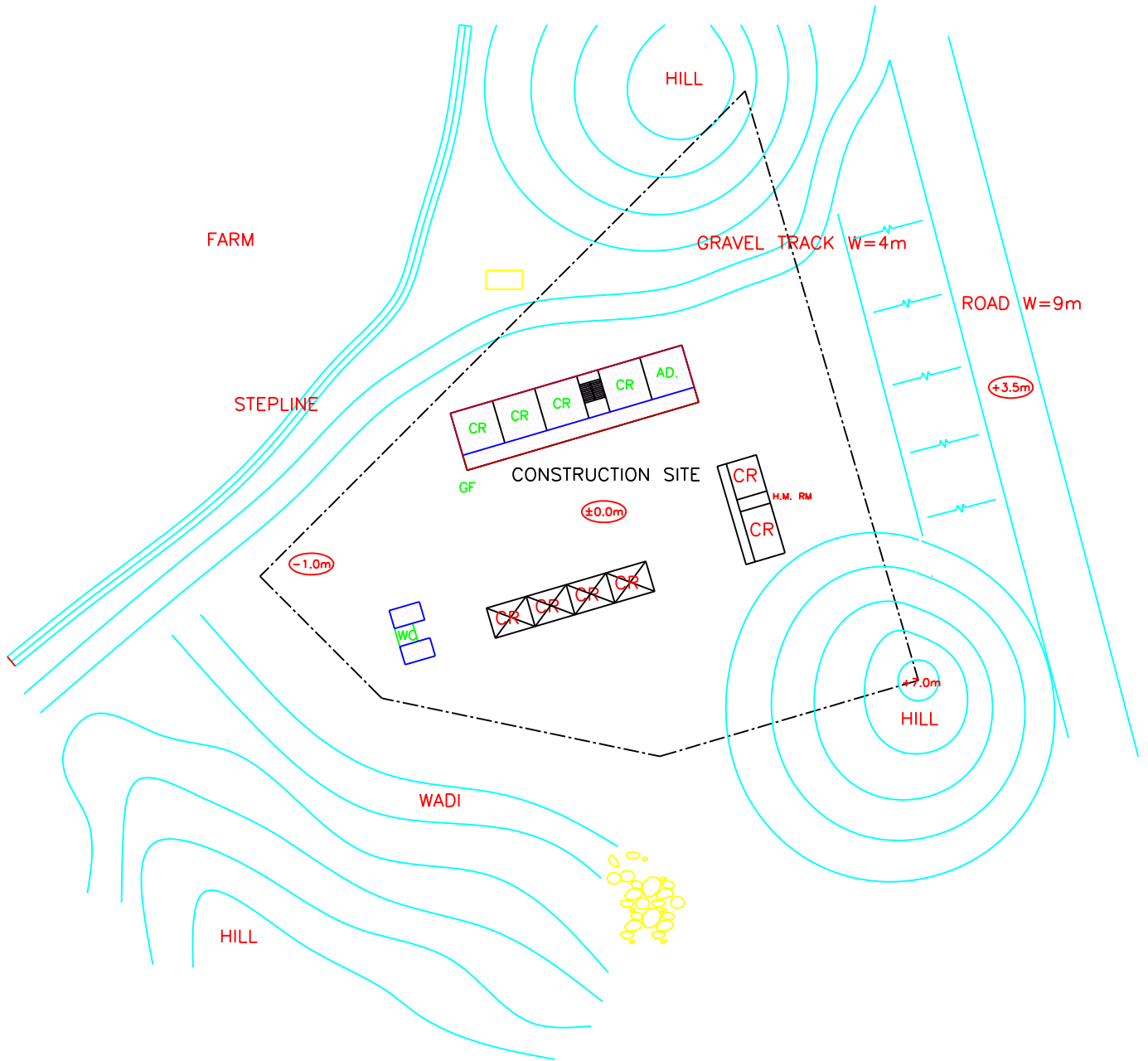
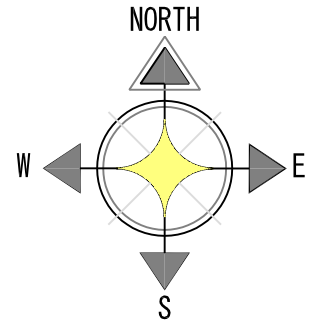
ACCESSABILITY On the way, road is under-repairing but access is not trouble.

PROPOSED LAND: Land is approx 0.60 ha with gradual slope from south to north. Existing school is south of the land.

INFRASTRUCTURE: Water supply pipe is along the road and available to connect. Electricity is planned to supply, existing connection point is 3 km away.

MANAGEMENT: Existing classrooms are overage and not usable continuously except 2 classrooms. This school is quite inadequate education environment, so only several girls' students for each grade which 20% of Boys students.

PLANNING: Plan is to extend new school building on the existing school land. There are 2 classrooms are usable continuously while existing 11 classrooms. 9 Classrooms and 1 Admin will be planned. There is not shortage of Teachers.



Graphic Scale in Meters
S 1:1000

BUILDING TYPE: 9S
WC TYPE: 6B

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

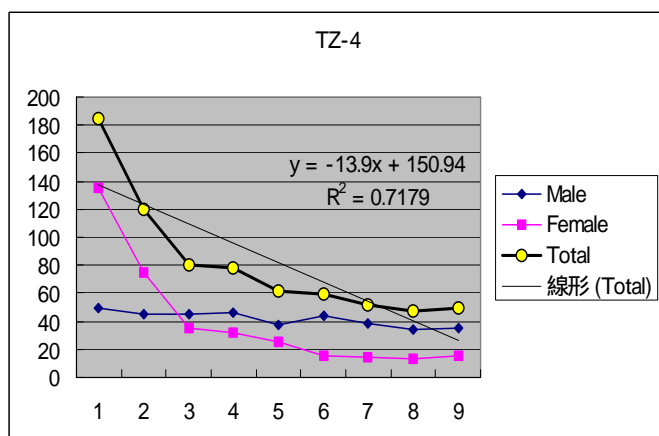
TZ- 03 TAREQ IBN ZIYAD AL BURAIHI SCHOOL
TAIZZ GOVERNORATE AT TAIZIYAH DISTRICT

SURVEY RESULT :

Code.	TZ-04		Date of Survey	Group	Sheet No.
School Name	Ougba Ben Nafa'a School for Girls		18 / APR / '02	A	TZ-04
Location	Directorate	Saber	Latitude:	N13 ° 31' 26.4"	
	Sub-Directorate	Almaqub	Longitude:	E44 ° 02' 13.8"	
	City, Town, Village	Almaqub	Altitude:	2698 m	
Main Road	0.2km form Taiz-Saber road	Size & shape of site:	2552.00 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	
TZ-4	Male	50	45	45	46	37	44	38	34	35	374	girls school at other site										
	Female	135	75	35	32	25	15	14	13	15	359											
	Total	185	120	80	78	62	59	52	47	50	733											
	CRs for Male	1.3	1.1	1.1	1.2	0.9	1.1	1.0	0.9	0.9	9.4											
	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	6	5	8		17	32	15	
	CRs Female	3.4	1.9	0.9	0.8	0.6	0.4	0.4	0.3	0.4	9.0											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	0	0	0	9	9	17	15	-2	-2
CRs for Total	4.6	3.0	2.0	2.0	1.6	1.5	1.3	1.2	1.3	18.3												
1 69<2	4.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	16.0	16	14	6	5	15		25	32	7			

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

SITE CONDITIONS : Existing school is 15km (40 min) from Taiz along Main road (Taiz-Saber) climbing Mount Jabal Sabir (3016m altitude). Site is located 0.2 km from existing school; turn to the right (south).

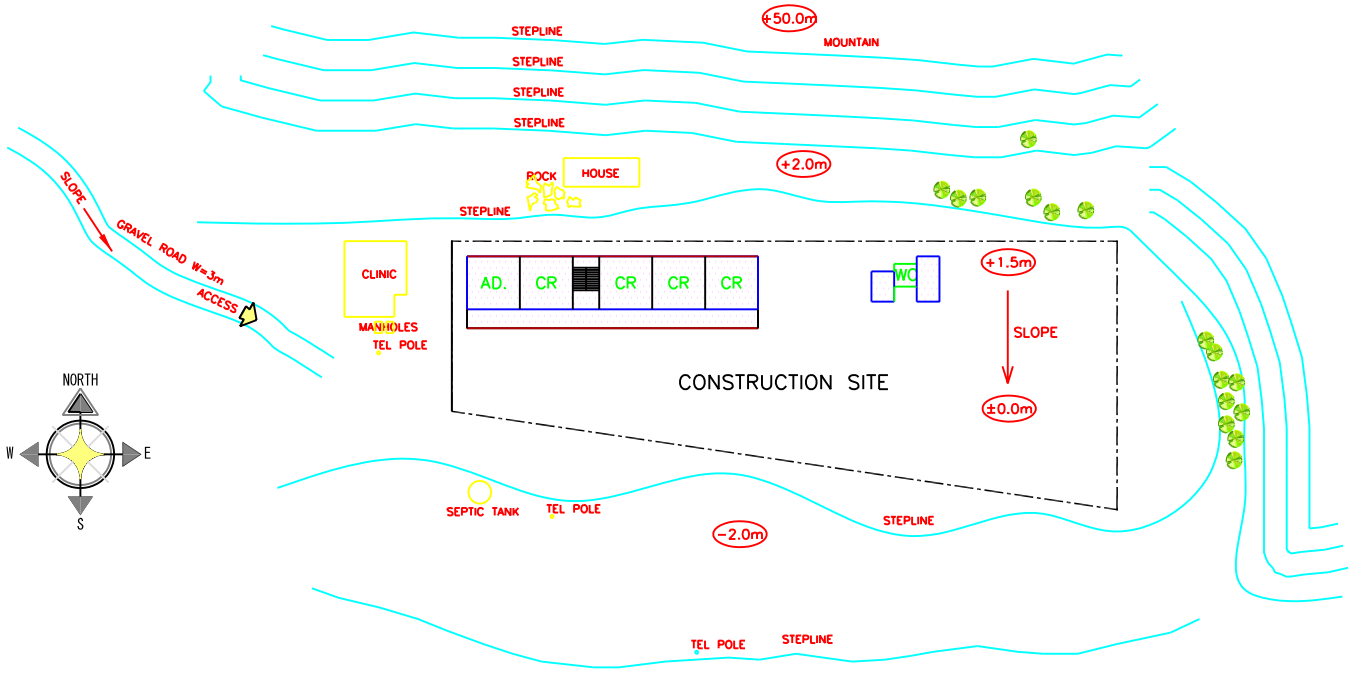
ACCESSABILITY : Access is not trouble even very steep to climb 2698m altitude but well paved road. And covered not trouble, but final approach truck from main road up to the Site is narrow and steep. During rain, there are stone falling but not accidents resulting injury, death or demolish of house.

PROPOSED LAND : Site area is approx 0.25ha and gradually sloping to south-side. There is no objection to construct school.

INFRASTRUCTURE : Existing well is dried up. Peoples are using rainwater or water tank-lorry for sale. Public water supply using 100-ton water tank on top of the hill will be planned to operate from 2002. Electricity line is 1 km away.

MANAGEMENT : Higher Class(G7-G9) are separated Girls classroom and Secondary school for girls also managed. This school is very active and number of teachers is enough.

PLANNING : Plan is to construct Girls School at separate site 200m away from existing school. Existing 14 classrooms will be used for Boys school and Secondary school (260 students, while 54 girls). 12 classrooms are required but plan 9 classrooms because fewer girls' students in higher class (G7 to G9). 2 teachers will be required.



Graphic Scale in Meters

S 1:1000

BUILDING TYPE: 9S
 WC TYPE: 6A

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS in the REPUBLIC of YEMEN	TZ- 04 OUQBA BEN NAFA' A SCHOOL FOR GIRLS
	TAIZZ GOVERNORATE SABER DISTRICT

SURVEY RESULT :

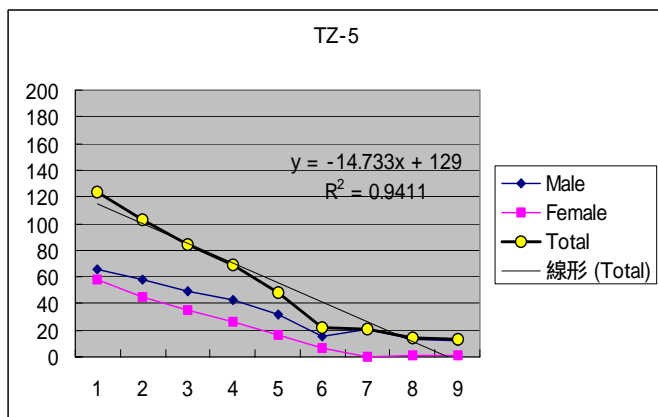
Code.	TZ-05		Date of Survey	Group	Sheet No.
School Name	Alnahada Badeyah School		15 / APR / '02	A,B	TZ-05
Location	Directorate	Maweyah	Latitude:	N13 ° 37' 39.0"	
	Sub-Directorate	Al Badyah	Longitude:	E44 ° 19' 50.9"	
	City, Town, Village	Garanea'a	Altitude:	1351.0 m	
Main Road	0.8km form Maweyah-Taiz road	Size & shape of site:	2515 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		
TZ-5	Male	66	58	49	43	32	15	21	13	12	309	girls school at other site											
	Female	58	45	35	26	16	7	0	1	1	189												
	Total	124	103	84	69	48	22	21	14	13	498												
	CRs for Male	1.7	1.5	1.2	1.1	0.8	0.4	0.5	0.3	0.3	7.7												
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	9	6	0	3		17	14	-3		
	CRs Female	1.5	1.1	0.9	0.7	0.4	0.2	0.0	0.0	0.0	4.7												
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	0	0	0	9	9	17	0	-17	-17	
CRs for Total	3.1	2.6	2.1	1.7	1.2	0.6	0.5	0.4	0.3	12.5													
1 69<2	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	13.0	13	9	6	0	7		21	14	-7				

NUMBER OF STUDENTS BY GRADE :

VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 30km from Taiz (30min) on main road (Taiz-Maweyah road).

ACCESSABILITY: Access is rough road but not trouble because only 0.8 km north from main road.

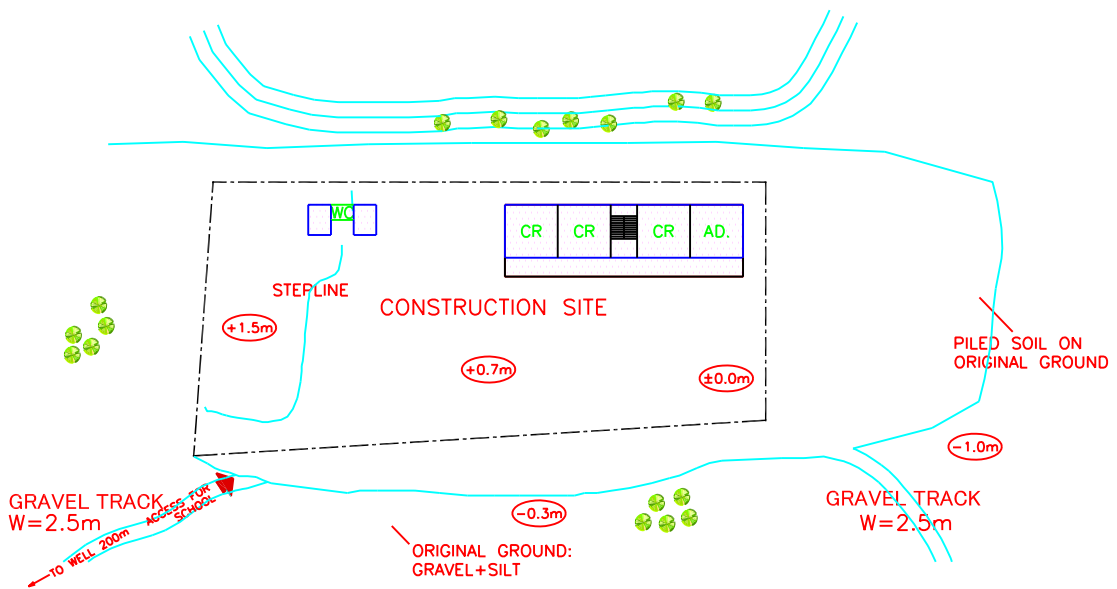
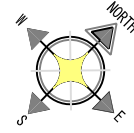
PROPOSED LAND: land area is approx 0.25ha with gradually sloping from north-west to south-east. Existing school locates other site, therefore site is enough to construct school.

INFRASTRUCTURE: No water supply, peoples are using community well 0.2km away. Electricity is not available 20km away.

MANAGEMENT: There are reiterated 498 students but few students in higher class (G7 to G9). Girl's students are very few. After new classrooms implemented, there is expected that girls drop out will be improved.

PLANNING: Plan is to construct new school building on separate site approx 500m away. 6 classrooms are usable continuously while existing 9 classrooms. Even Girls School was requested, 7 classrooms and 1 admin for coeducation will be planned because of few girls students (189 only).

7 teachers are required additionally.



Graphic Scale in Meters

S 1:1000

BUILDING TYPE: 7S
WC TYPE: 4

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

TZ- 05

ALNAHADA BADEYAH SCHOOL

TAIZZ GOVERNORATE

MAWEYAH DISTRICT

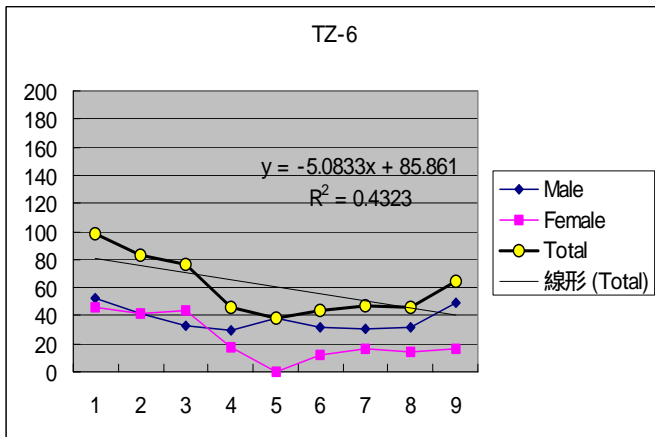
SURVEY RESULT :

Code.	TZ-06		Date of Survey	Group	Sheet No.
School Name	Khaled Ibn Al Waleed School Al Ag'ood		14/ APR / '02	A,B	TZ-06
Location	Directorate	At Taiziyah	Latitude:	N13 ° 40' 39.6"	
	Sub-Directorate	Ag'ood	Longitude:	E44 ° 00' 02.4"	
	City, Town, Village	Ag'ood	Altitude:	1152.5 m	
Main Road	0.1km from Taiz- Audain road	Size & shape of site	7009.30 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		
TZ-6	Male	52	42	33	29	38	32	31	32	49	338	New building at same site											
	Female	46	41	44	17	0	12	16	14	16	206									F.Teachers			
	Total	98	83	77	46	38	44	47	46	65	544									1			
	CRs for Male	1.3	1.1	0.8	0.7	1.0	0.8	0.8	0.8	1.2	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	7	0	0	9		17	22	5		
	CRs Female	1.2	1.0	1.1	0.4	0.0	0.3	0.4	0.4	0.4	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		17	5	-12		
CRs for Total	2.5	2.1	1.9	1.2	1.0	1.1	1.2	1.2	1.6	13.6													
1 69<2	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0	12	7	0	0	12	12	20	22	2	2			

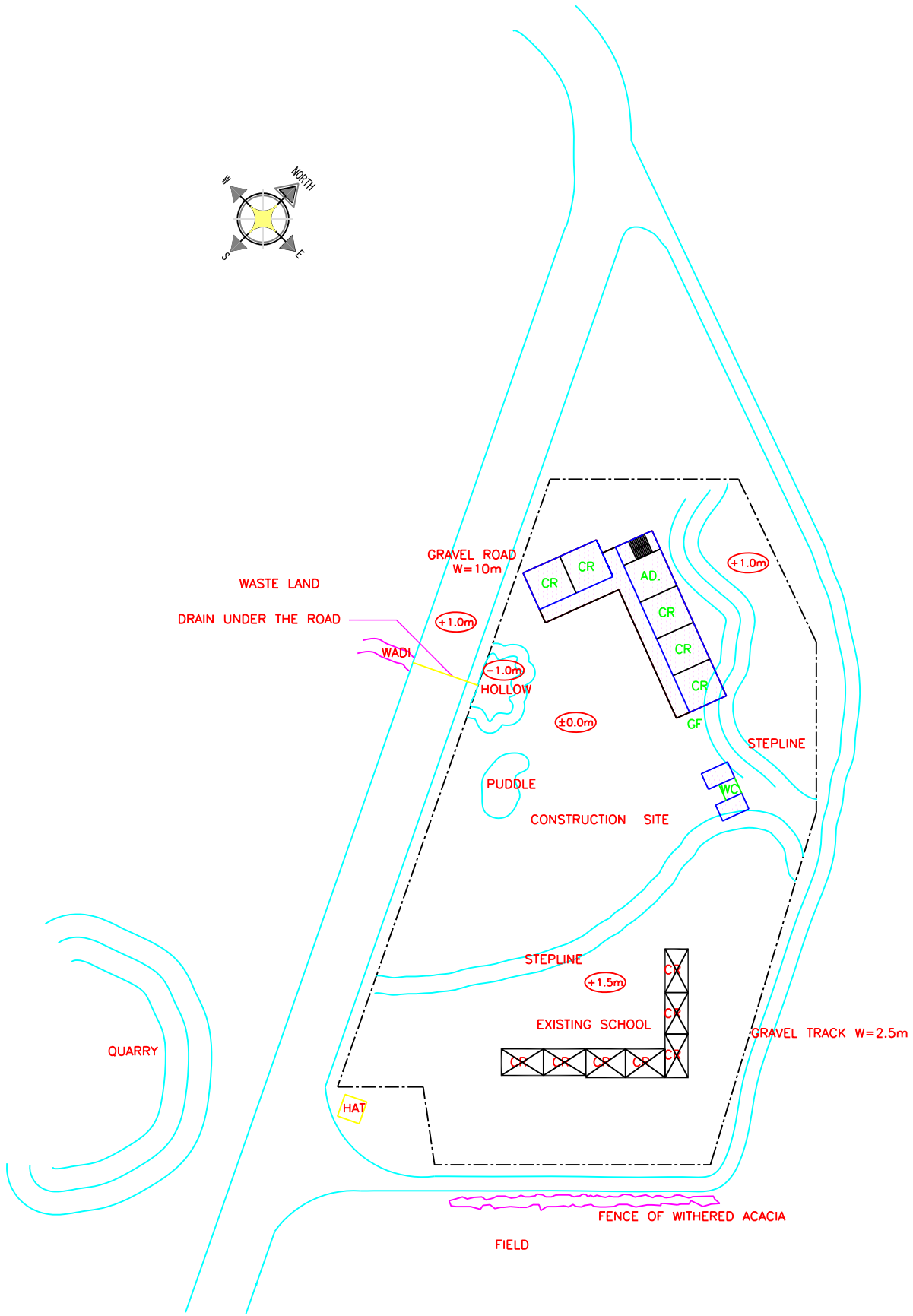
NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



- SITE CONDITIONS:** Site is located 7km from Taiz on main road (Taiz-Audain) taking 20 min and turn to the east.
- ACCESSABILITY:** Access is not trouble, and existing school is just south-side of the proposed site.
- PROPOSED LAND:** Land area is 0.70ha and gradually sloping to east west. Lower part of east side along the road, rainwater remains. Therefore building shall be planned carefully this area.
- INFRASTRUCTURE:** No water supply, community well is 0.3km away. Electricity for community is using generator, because nearest electricity pole is 3 km away.
- MANAGEMENT:** There are registered 544 students with 22 teachers. But existing classrooms are very old stone structure with no roof or open-air classrooms.
- PLANNING:** Plan is to expansion of new school building on existing school area. Existing 7 classrooms are not usable continuously because of old. New school needs 12 classrooms but 11 classrooms and 1 admin will be planned. Teachers are allocated enough.



Graphic Scale in Meters

S 1:1000

BUILDING TYPE: 11L
WC TYPE: 6B

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

TZ- 06 KHALED IBN AL WALEED SCHOOL AL AG'OOD

TAIZZ GOVERNORATE

AT TAIZIYAH DISTRICT

SURVEY RESULT :

Code.	TZ-07		Date of Survey	Group	Sheet No.
School Name	Al Ma'aasarah Al Aghaber School		16 / APR / '02	B	TZ-07
Location	Directorate	Haifan	Latitude:		
	Sub-Directorate		Longitude:		
	City, Town, Village		Altitude:		
Main Road	20min from main road	Size & shape of site:	- m ² Slope		

CULCURATION OF CLASSROOMS:

DELETED -

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

SITE CONDITIONS: Site is located 50 km (1 hour) from Taiz on trunk road (Taiz-Aden), then take paved 2nd road to the south (1 hour) and slope down 1km point.

ACCESSABILITY: 2nd road is very long and steep, there are some dangerous points on the access.

PROPOSED LAND: Land is not graded and still hilly. Huge reclamation work needs for construction. Consultant explained to local people that the land is not suite for the project.

INFRASTRUCTURE: - deleted -

MANAGEMENT: - deleted -

PLANNING: - deleted -

— Deleted form Planning —

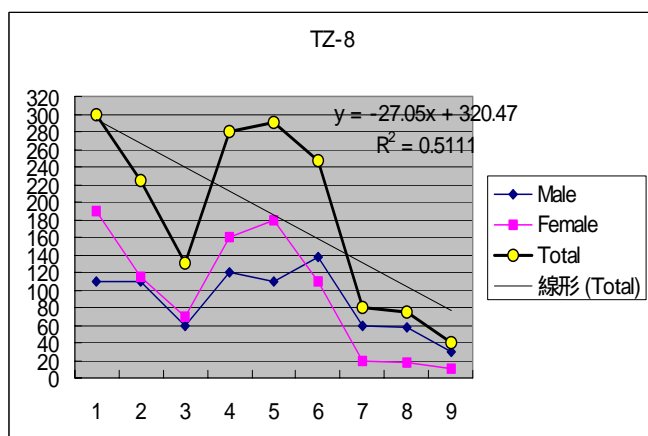
調査結果:

Code.	TZ-08		Date 調査日	担当班	Sheet No.
School (学校名)	Al Wafa Maylat School		18 / APR / '02	A	TZ-08
Location (位置)	Directorate(県)	Jabal Habashi	Latitude(緯度)	N13 ° 33' 00.3"	
	Sub-Directorate (郡)	Yafra	Longitude(経度)	E43 ° 55' 48.6"	
	City, Town, Village(市・町・村)	Maylat	Altitude(高度)	1182 m	
Road (幹線道路)	Taiz- Althorba 道路より 1.5Km	サイトの規模・形状	2085.00 m ² ほぼ平坦		

教室数の算定:

	学年別生徒数と必要教室数										教室数					教員数							
	G1	G2	G3	G4	G5	G6	G7	G8	G9	小計	必要数	現状数	利用数	高用	校用	計画数	結果	必要数	現状数	計画数	結果		
TZ-8																							
男子生徒数	110	110	60	120	110	137	60	57	30	794													
女子生徒数	190	115	70	160	180	110	20	18	10	873	別敷地に女子学校を建設												
合計生徒数	300	225	130	280	290	247	80	75	40	1667	大規模校で二部授業のまま												
男子 教室数																							
1 69<2	2.8	2.8	1.5	3.0	2.8	3.4	1.5	1.4	0.8	19.9													
女子 教室数																							
1 69<2	4.8	2.9	1.8	4.0	4.5	2.8	0.5	0.5	0.3	21.8													
共学 教室数																							
1 69<2	7.5	5.6	3.3	7.0	7.3	6.2	2.0	1.9	1.0	41.7													
1 69<2	7.0	5.0	3.0	7.0	7.0	6.0	2.0	2.0	1.0	40.0	40	9	9	5	36		73	57	-16				

学年別生徒数の状況:



現況写真:



サイト状況: サイトは Taiz から幹線道路(Taiz-Althorba)を約 5km、さらに砂利道を西に 10 分程度、約 1.5km 入った所に位置する。

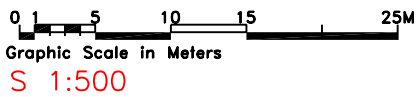
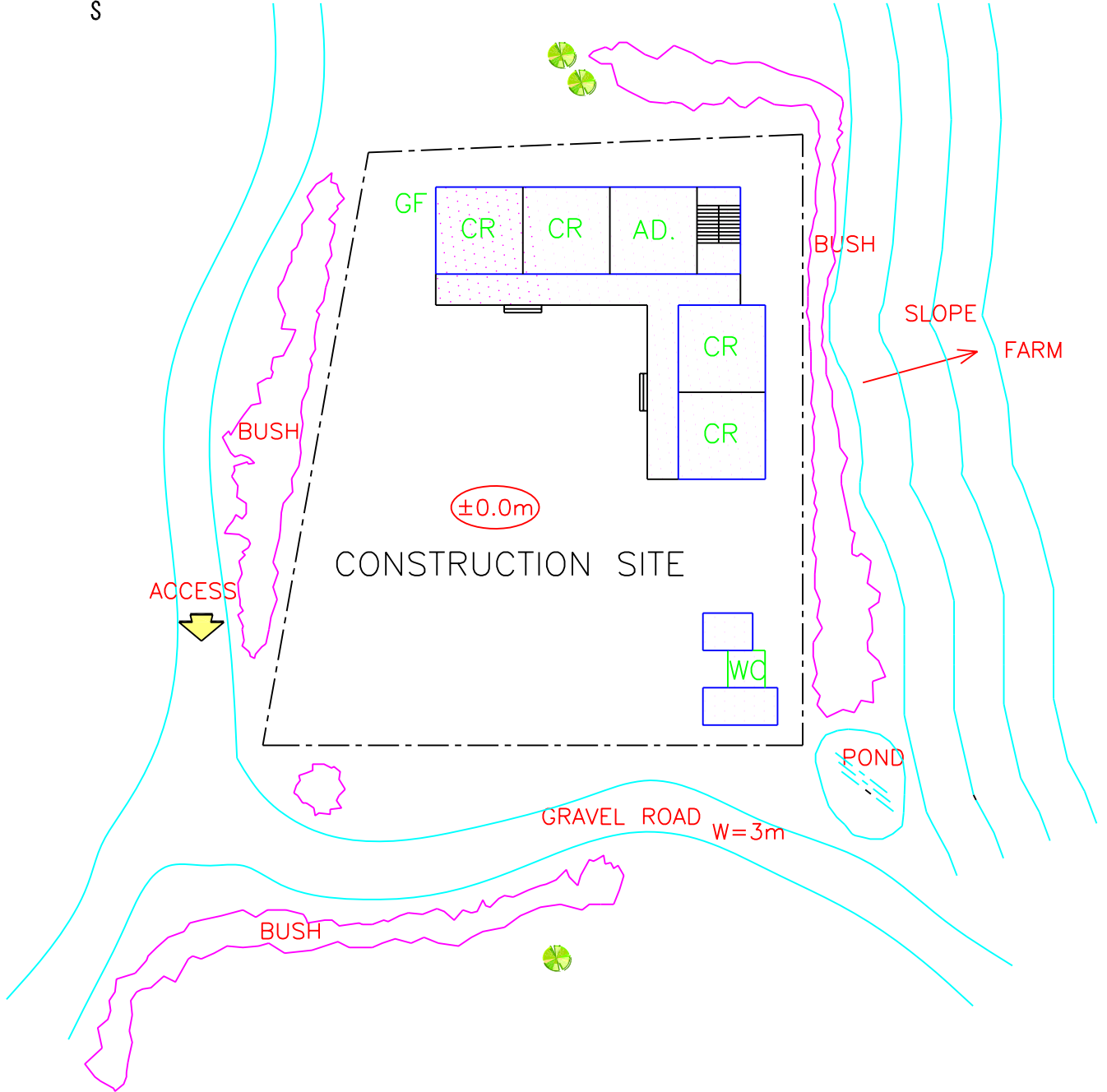
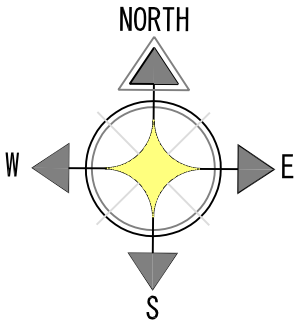
アクセス状況: アクセスに支障はない。既存校舎はサイトからさらに約 0.3Km 奥にある。

敷地状況: 敷地面積は約 0.18ha で、ほぼフラットであり、施設建設に支障はない。

インフラ状況: 飲用水は井水、洗濯は雨水利用、雨期には子供がワジにロバで水汲みに行く。排水は合流式で浄化槽を経て浸透処理。電気は約 7km 先が直近である。

学校状況:

計画方針: 約 300m 離れた別敷地に女子学校の建設を計画する。既存 9 教室は全て継続して利用可能であり、5 教室は高用に利用し、既存校舎は Wシフトとなる。女子学校は 24 教室必要であるが、G4-G6 の生徒数が異常に多い(女子で約 300 人)ため、Wシフトで必要な 12 教室に対し、9 教室と職員室を計画する。



BUILDING TYPE: 9L
WC TYPE: 6A

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS in the REPUBLIC of YEMEN	TZ- 08 AL WAFI MAYLAT SCHOOL
	TAIZZ GOVERNORATE JABAL HABASHI DISTRICT

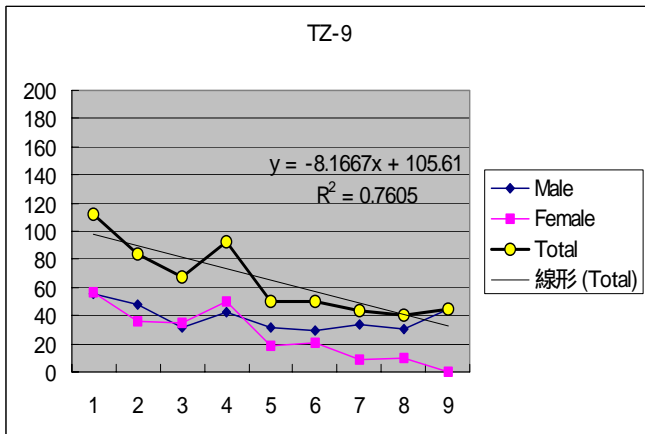
SURVEY RESULT :

Code.	TZ-09		Date of Survey	Group	Sheet No.
School Name	Othman Bin Afa'an School		13 / APR / '02	A,B	TZ-09
Location	Directorate	Jabal Habashi	Latitude	N13 ° 33' 46.4"	
	Sub-Directorate	Jabal Habashi	Longitude	E43 ° 52' 54.7"	
	City, Town, Village	Mukaeear	Altitude	1163.1 m	
Main Road	3km from Taiz- Mocha road	Size & shape of site:	715.40 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		
TZ-9	Male	55	48	32	42	32	29	34	30	45	347	New building at same site											
	Female	57	36	35	50	18	21	9	10	0	236												
	Total	112	84	67	92	50	50	43	40	45	583												
	CRs for Male	1.4	1.2	0.8	1.1	0.8	0.7	0.9	0.8	1.1	8.7												
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	9	2	0	7		17	24	7		
	CRs Female	1.4	0.9	0.9	1.3	0.5	0.5	0.2	0.3	0.0	5.9												
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	0	0	0	9		17	7	-10		
CRs for Total	2.8	2.1	1.7	2.3	1.3	1.3	1.1	1.0	1.1	14.6													
1 69<2	3.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	13.0	13	9	2	0	11	11	22	24	2	2			

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 23km (40min) from Taiz on main road (Taiz-Mocha), then 3km (20 min) to south on gravel road (somewhere muddy).

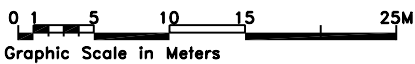
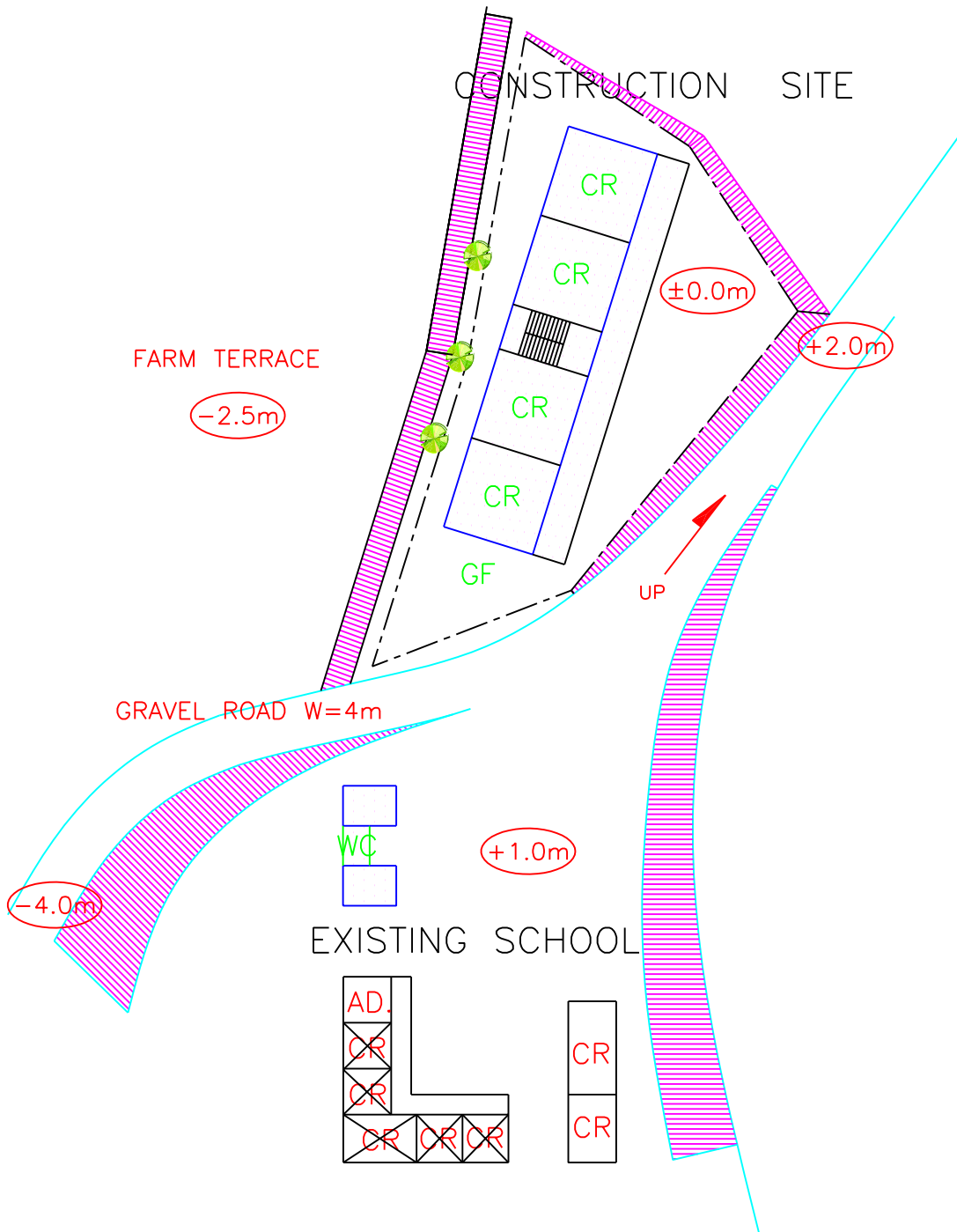
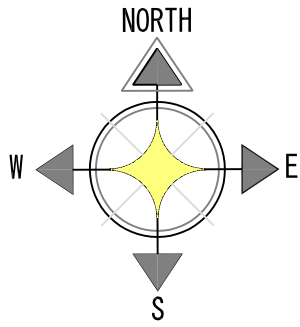
ACCESSABILITY: Access is not best but passable. Existing school is opposite side of the proposed land.

PROPOSED LAND: Land area is 0.71ha, flat and enough for construction. Now land is a farm and silty soil, so load-bearing test is essential before construction.

INFRASTRUCTURE: No water supply, community well is 0.5km away. Electricity line is available 3km away.

MANAGEMENT: There are registered 580 students while 230 girl's students with very narrow existing classrooms. Teachers are 24 and enough.

PLANNING: Plan is expansion of new school building on adjacent site. 2 classrooms are usable continuously from existing 9 classrooms. After calculation 11 classrooms are necessary but 8 classrooms will be planned because of narrow site. 3 classrooms shall be used exiting rooms continuously. Also admin room shall be used existing rooms.



S 1:500

BUILDING TYPE: 7S
WC TYPE: 4

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

TZ- 09 OTHMAN BIN AFA' AN SCHOOL

TAIZZ GOVERNORATE

JABAL HABASHI DISTRICT

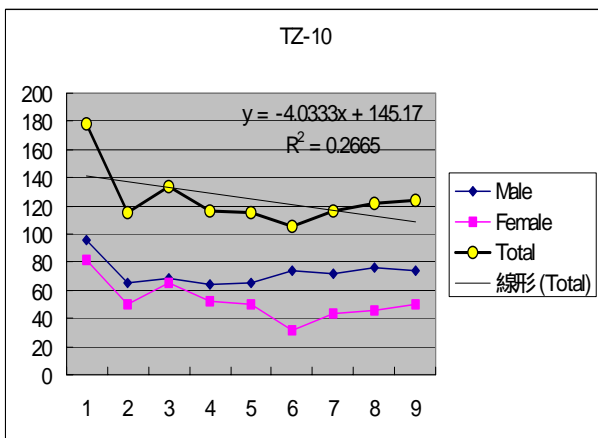
SURVEY RESULT :

Code.	TZ-10		Date of Survey	Group	Sheet No.
School Name	Juba Girls School		17 / APR / '02	B	TZ-10
Location	Directorate	Al Misrakh	Latitude:	N13 ° 29' 00.9"	
	Sub-Directorate	Masfer	Longitude:	E43 ° 59' 17.2"	
	City, Town, Village	Akamata Hubaish	Altitude:	1271.2m	
Main Road	1km from Taiz-At turba road	Size & shape of site:	3419.00 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	
TZ-10	Male	96	65	69	64	65	74	72	76	74	655	girls school at other site										
	Female	82	50	65	52	50	31	44	46	50	470									F.Teachers		
	Total	178	115	134	116	115	105	116	122	124	1125	Learge school to single shift						W shift		18		
	CRs for Male	2.4	1.6	1.7	1.6	1.6	1.9	1.8	1.9	1.9	16.4							S shift				
	1 69<2	2.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	14.0	14	12	12	0	2			27	35	8	
	CRs Female	2.1	1.3	1.6	1.3	1.3	0.8	1.1	1.2	1.3	11.8											
	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	10		18	8	-10	-18
CRs for Total	4.5	2.9	3.4	2.9	2.9	2.6	2.9	3.1	3.1	28.1												
1 69<2	4.0	3.0	3.0	3.0	3.0	2.0	3.0	3.0	3.0	27.0	27	12	12	0	15			50	35	-15		

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 20km (40min) from Taiz on main road (Taiz-Attubah), then to the north 1Km on gravel road.

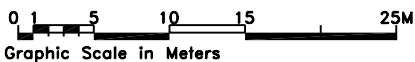
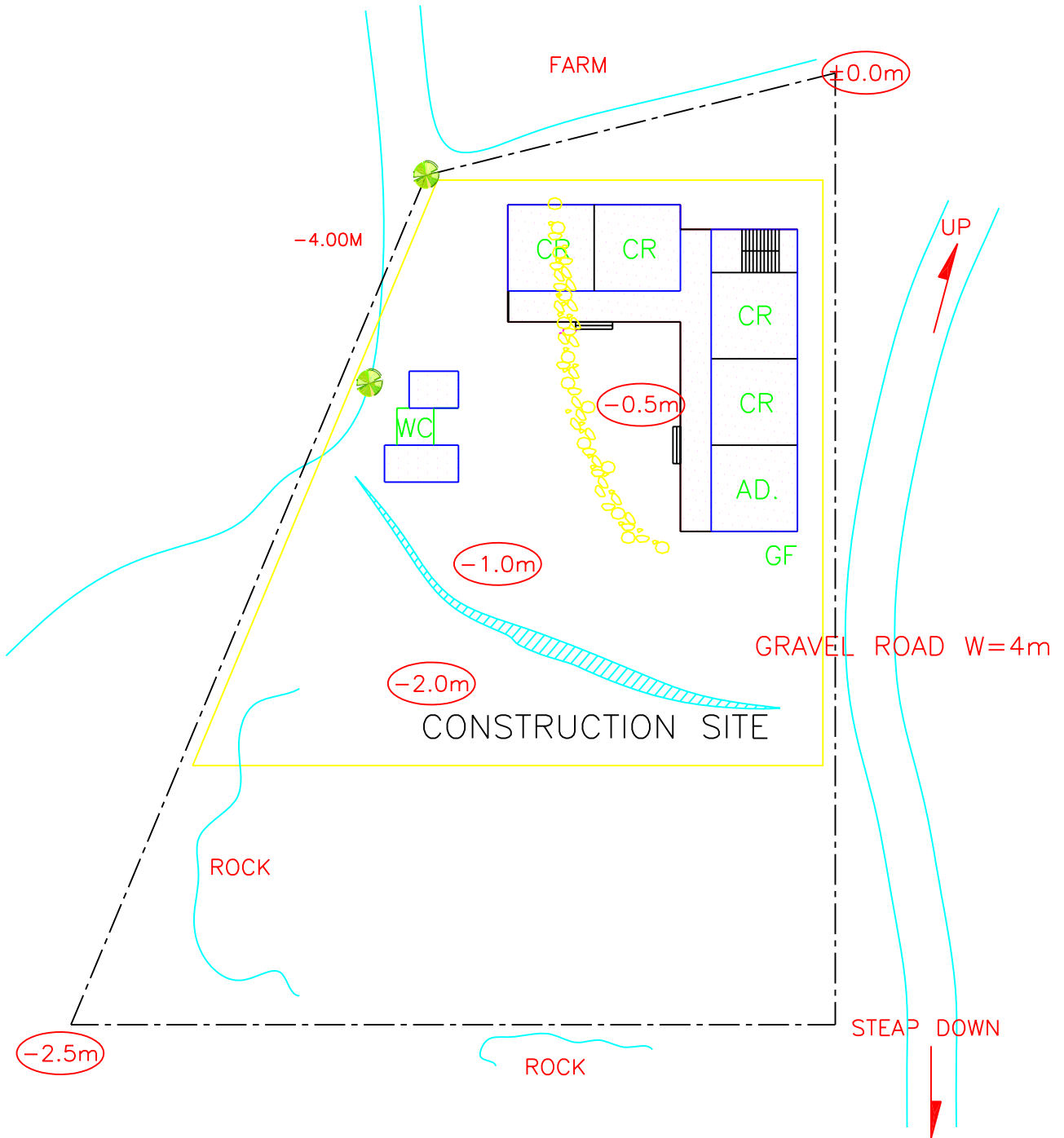
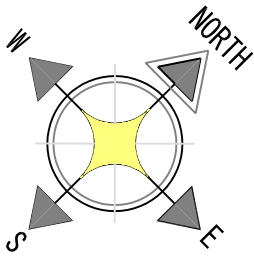
ACCESSABILITY : Access is not good but passable. Existing School constructed by community is opposite of proposed site.

PROPOSED LAND: Land area is 0.34ha and gradually sloping east-west. Space is enough for construction but rocks exposed. Now the site is unused and reclamation is no enough, so site survey is essential before construction.

INFRASTRUCTURE: No water supply, but Governorate Water Supply Plan is including this Master Directorate, therefore 0.1 km to main water supply pipeline. Electricity line is available 1 km away from the site.

MANAGEMENT: This school is in rural area but 1125 students are registered and enough 35 teachers, then few dropouts. Specially 18 female teachers are teaching and girls students are many as 70% of boys students.

PLANNING: Plan is to construct Girls school on separate site 300m away. Existing all 12 classrooms is usable continuously. 9 classroom and 1 admin room will be planned for girl's school (470 girls students). Teachers are enough while 18 female teachers already exist.



S 1:500

BUILDING TYPE: 9L
WC TYPE: 6A

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

TZ- 10 JUBA GIRLS SCHOOL
TAIZZ GOVERNORATE AL MISRAKH DISTRICT

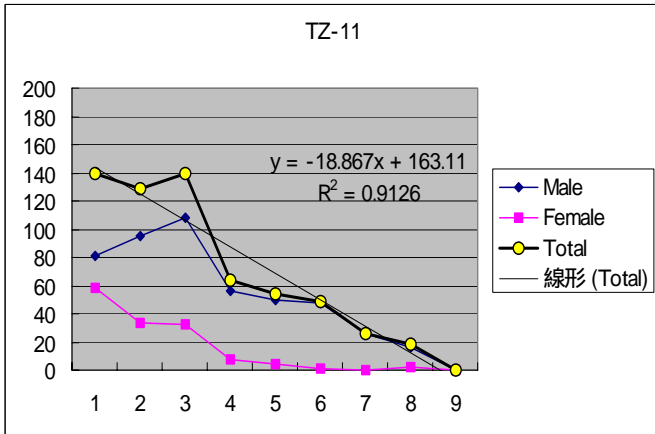
SURVEY RESULT :

Code.	TZ-11			Date of Survey	Group	Sheet No.
School Name	Khaled Ibn Ziyad Al Buraihi School			17 / APR / '02	A	TZ-11
Location	Directorate(県)		Jabal Habashi	Latitude		N13 ° 22' 00.1"
	Sub-Directorate (郡)		Yafras	Longitude		E43 ° 52' 39.5"
	City, Town, Village(市・町・村)		Alaflerah	Altitude		854 m
Main Road	13km from Taiz-Aithurbah road		Size & shape of site:	1758.00 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		
TZ-11	Male	81	95	108	56	50	48	26	16	0	480	Delete											
	Female	58	34	32	8	4	1	0	2	0	139												
Deleted	Total	139	129	140	64	54	49	26	18	0	619												
	CRs for Male	2.0	2.4	2.7	1.4	1.3	1.2	0.7	0.4	0.0	12.0												
	1 69<2	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0	12	6	6	0	6		20	8	-12			
	CRs Female	1.5	0.9	0.8	0.2	0.1	0.0	0.0	0.1	0.0	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	12	0	0	0	12		17	8	-9			
	CRs for Total	3.5	3.2	3.5	1.6	1.4	1.2	0.7	0.5	0.0	15.5												
1 69<2	3.0	3.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	15.0	12	6	6	0	6	0	23	8	-15	-15			

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 25 km from Taiz on Trunk road (Taiz-Althwrbah), then to west approx.13Km (1 hour) on gravel rough road.

ACCESSABILITY : Access road is down to Wadi 2km before the site, there is upper route for rainy season. But road condition was very bad especially after rain. Therefore consultant decided to exclude this site.

PROPOSED LAND: Land area is 0.17ha on existing school ground. Land is nearly flat and no objections for construction. Some part of construction site is a part of grave.

INFRASTRUCTURE: Water is a community Well. Electricity line is available 13 km away from the site and no extension plan.

MANAGEMENT: There are registered 619 students but only 6 classrooms are exist. Surroundings are rough field and houses are far away.

PLANNING: deleted -

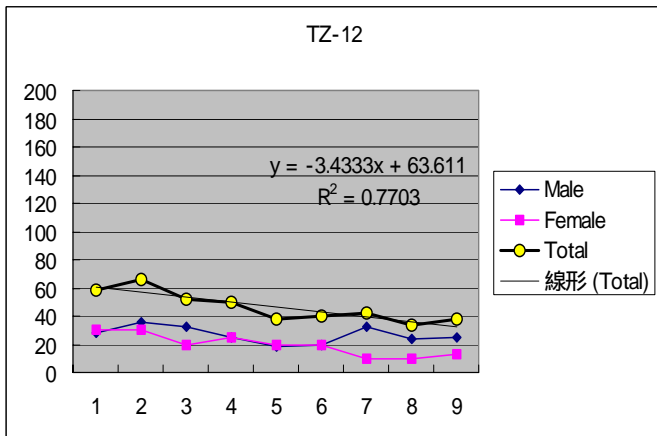
SURVEY RESULT :

Code.	TZ-12			Date of Survey	Group	Sheet No.
School Name	Khaled Ibn Al Walid - Al Dabab			18 / APR / '02	B	TZ-12
Location	Directorate	Saber Al-Mawadem		Latitude	N13 ° 32' 15.2"	
	Sub-Directorate	Al Dhabab		Longitude	E43 ° 57' 00.3"	
	City, Town, Village	Al Dhabab		Altitude	1210.4 m	
Main Road	0.05km from Taiz- Atturbah road		Size & shape of site:	2399.30 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								
TZ-12	Male	28	36	32	25	18	20	32	24	25	240	New building at same site ease to single shift	W shift S shift	F.Teachers 1															
	Female	30	30	20	25	20	20	10	10	13	178																		
	Total	58	66	52	50	38	40	42	34	38	418																		
	CRs for Male	0.7	0.9	0.8	0.6	0.5	0.5	0.8	0.6	0.6	6.0																		
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0											9	12	6	3	6	17	31	14
	CRs Female	0.8	0.8	0.5	0.6	0.5	0.5	0.3	0.3	0.3	4.5																		
	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	14	-3
CRs for Total	1.5	1.7	1.3	1.3	1.0	1.0	1.1	0.9	1.0	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	12	6	3	6	17	31	14	14										

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 7 km (20 min) from Taiz on main road (Taiz-Atturbah), just behind the Agriculture Center.

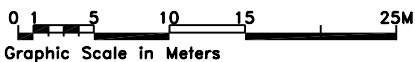
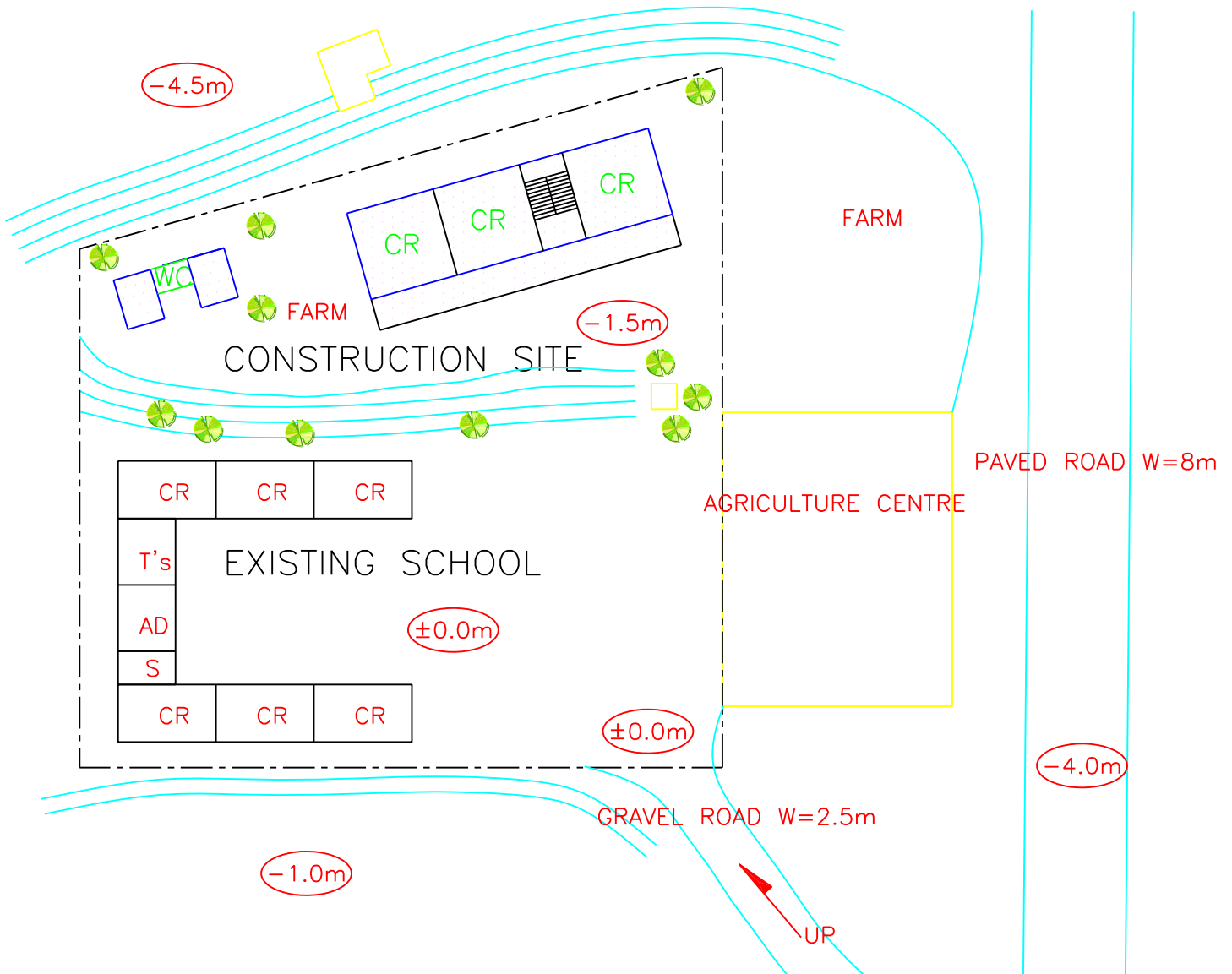
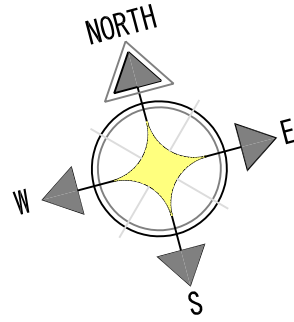
ACCESSABILITY: Access is not trouble.

PROPOSED LAND: Land area is 0.23ha and stepped farm north side down. Existing school is on south side, so lower plot of northern farm for construction site.

INFRASTRUCTURE: No water supply, but community well is 0.5km away. Electricity line plans to provide 2003, 10km to nearest electricity line. Existing school has dry pit toilet.

MANAGEMENT: There are registered 400 students with 31 teachers for double shift. Classrooms are clean and girl students are 40 % of the total students. 6 classrooms are rented from west adjacent house.

PLANNING: Plan is expansion of school building on existing school site. 6 classrooms are usable from existing 12 classrooms while 3 classrooms for Secondary class (118 students). 6 classrooms will be planned for new school building eliminating double shift to shingle shift.



S 1:500

BUILDING TYPE: 5S
WC TYPE: 4

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

TZ- 12 KHALED IBN AL WALID-AL DABAB

TAIZZ GOVERNORATE

SABR AL-MAWADEM DISTRICT

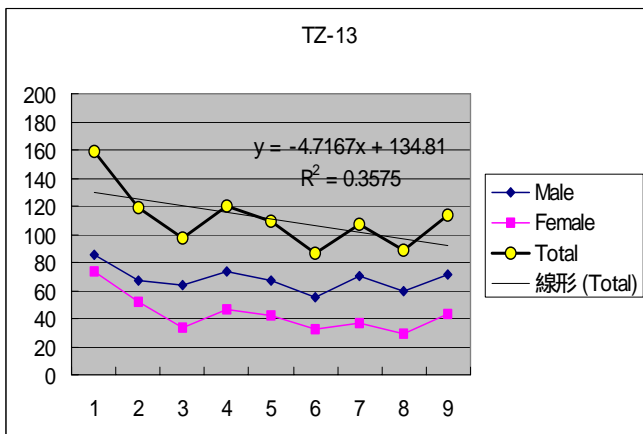
SURVEY RESULT

Code.	TZ-13			Date of Survey	Group	Sheet No.
School Name	Muad Bin Jabal – Al Gherrama			15 / APR / '02	A,B	TZ-13
Location	Directorate	At Taiziyah		Latitude	N13 ° 41' 04.4"	
	Sub-Directorate	At Taiziyah		Longitude	E44 ° 07' 30.4"	
	City, Town, Village	Garamah		Altitude	1478.4 m	
Main Road	0.5km from Taiz- Sanaa road		Size & shape of site:	10968.90 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	
TZ-13	Male	85	67	64	73	67	55	70	60	71	612											
	Female	74	52	33	47	42	32	37	29	43	389											
	Total	159	119	97	120	109	87	107	89	114	1001											
	CRs for Male	2.1	1.7	1.6	1.8	1.7	1.4	1.8	1.5	1.8	15.3											
	1 69<2	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0	2.0	13.0	13	21	14	0	-1		25	46	21		
	CRs Female	1.9	1.3	0.8	1.2	1.1	0.8	0.9	0.7	1.1	9.7											
	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	21	3		
	CRs for Total	4.0	3.0	2.4	3.0	2.7	2.2	2.7	2.2	2.9	25.0											
	1 69<2	4.0	3.0	2.0	3.0	2.0	2.0	2.0	2.0	3.0	23.0	23	21	14	0	9	9	42	46	4	4	

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 16 km (40 min) from Taiz on main road (Taiz-Sana'a), then 0.5km to the south .

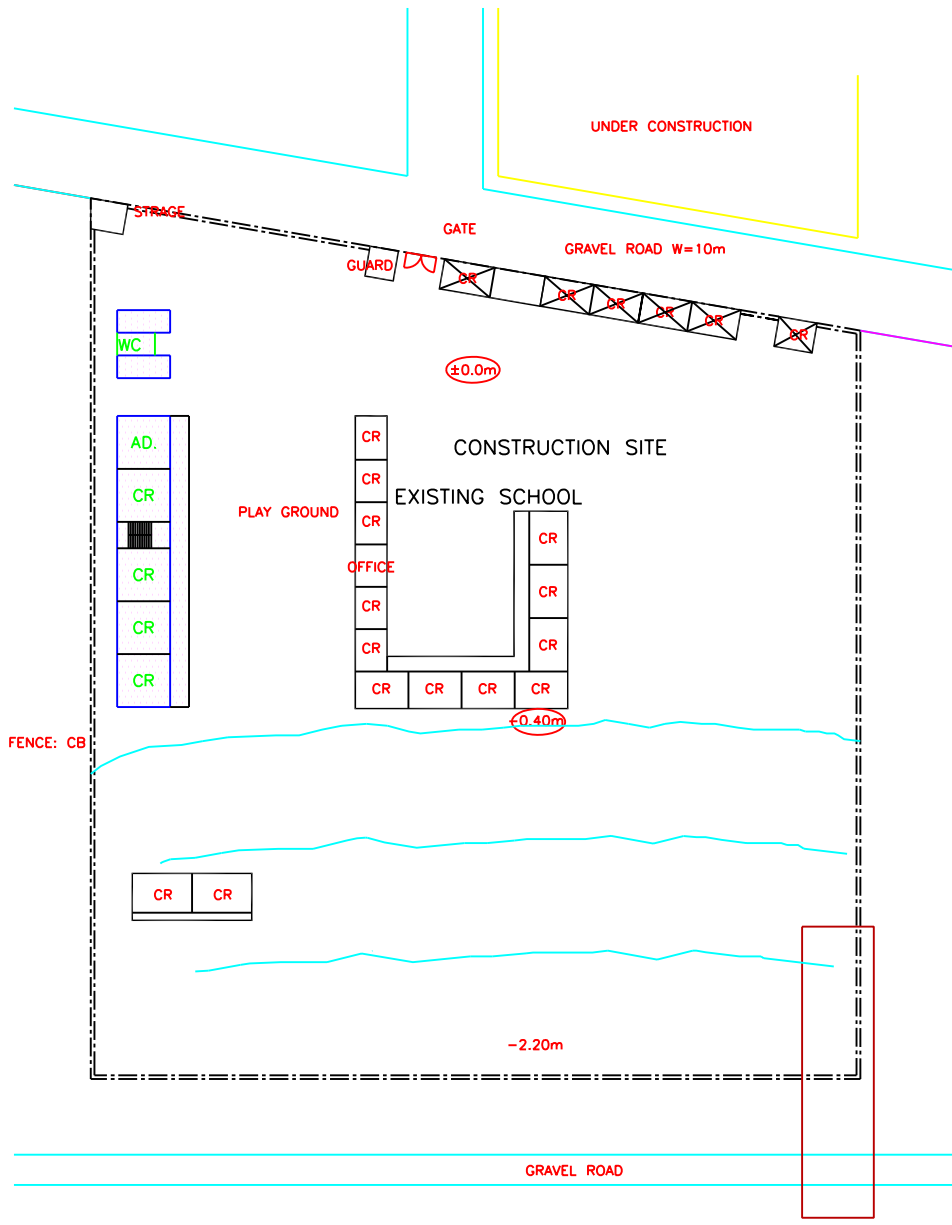
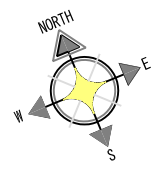
ACCESSABILITY: Access is not trouble.

PROPOSED LAND: Land area is 1.0ha and slope gradually from North-east to south-west. Existing school is locate on center of the site but enough space around. Boundary fence, 2.0m high is round all site.

INFRASTRUCTURE: No water supply, community people are using water tank lorry, and well is 2.0km away. Electricity line is available 3km away. Existing toilet, pit latrine is already full.

MANAGEMENT: There are registered 1000 students with 46 teachers, well managing and less dropout. There exist 21 classrooms while 6 classrooms are along boundary fence.

PLANNING: Plan is expansion of school building on existing school site. 14 classrooms are usable continuously from existing 21 classrooms; therefore plan will be 9 classrooms and 1 admin room for new building. Number of teachers is sufficient.



Graphic Scale in Meters

S 1:1000

BUILDING TYPE: 9S
WC TYPE: 10

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS in the REPUBLIC of YEMEN	TZ- 13 MUAD BIN JABAL-AL GHERRAMA
	TAIZZ GOVERNORATE JABAL HABISHI DISTRICT

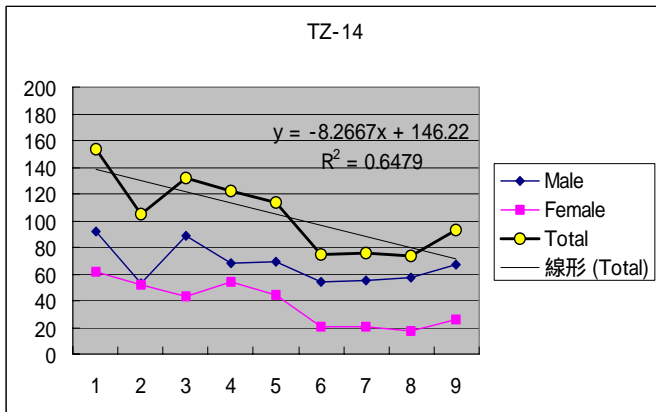
SURVEY RESULT :

Code.	TZ-14			Date of Survey	Group	Sheet No.
School Name	Al Wahdah - Nawayha			17 / APR / '02	A	TZ-14
Location	Directorate	Al Maafer		Latitude	N13 ° 23' 33.1"	
	Sub-Directorate	Jabal Habashi		Longitude	E43 ° 55' 10.7"	
	City, Town, Village	Al Nawayha		Altitude	941 m	
Main Road	10km from Taiz-Atthorbah road		Size & shape of site:	1869.70 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		
TZ-14	Male	92	53	89	68	69	54	55	57	67	604	girls school at other site											
	Female	62	52	43	54	44	21	21	17	26	340									F.Teachers			
	Total	154	105	132	122	113	75	76	74	93	944									1			
	CRs for Male	2.3	1.3	2.2	1.7	1.7	1.4	1.4	1.4	1.7	15.1												
	1 69<2	2.0	1.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0	12.0		12	12	5	3	10		21	16	-5		
	CRs Female	1.6	1.3	1.1	1.4	1.1	0.5	0.5	0.4	0.7	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	0	0	0	9	9	17	0	-17	-17	
CRs for Total	3.9	2.6	3.3	3.1	2.8	1.9	1.9	1.9	2.3	23.6													
1 69<2	4.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	23.0	23	12	5	3	21		42	16	-26				

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 22 km from Taiz on main road (Taiz- Acthorbah), then 10km (30min) on gravel road. Site is a farm just next of existing school.

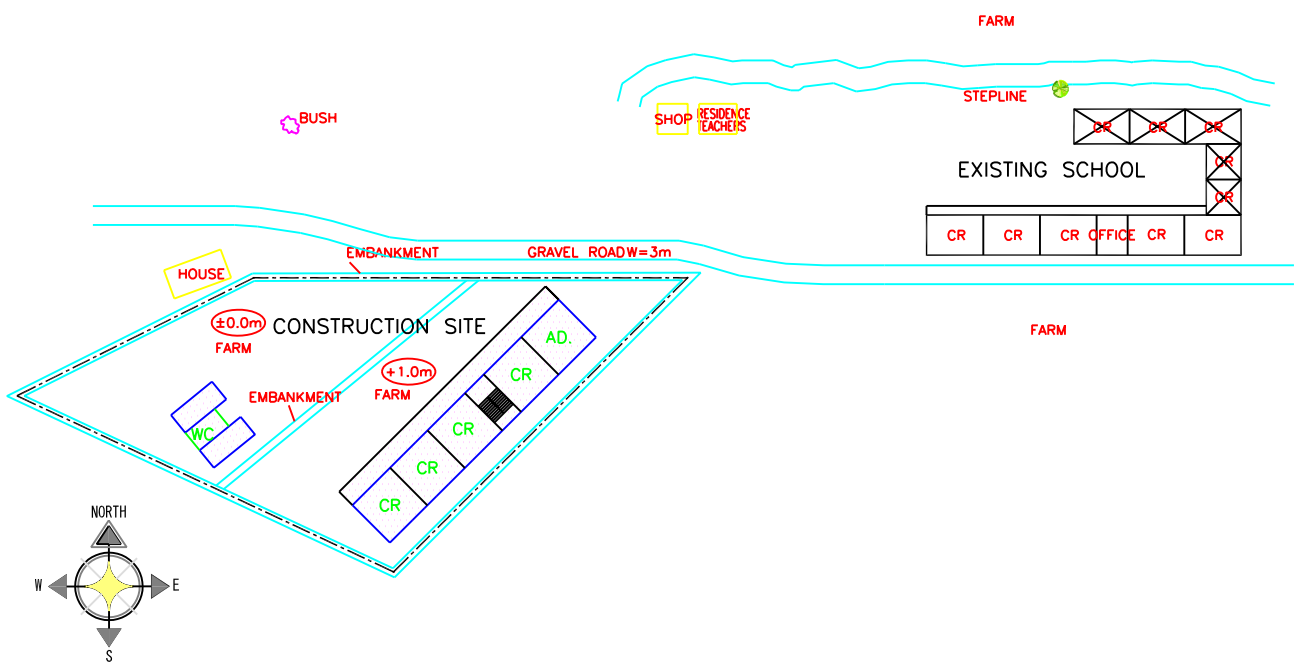
ACCESSABILITY: Access is not trouble.

PROPOSED LAND: Land area is 0.18ha and step on center 1m down, but no trouble for construction.

INFRASTRUCTURE: Community well. Electricity line plans to provide 2003 from distribution point in Alberayan 10km away.

MANAGEMENT: Existing school manage Boys and Girls separate from G1 to G6 and 3 classes for Secondary. Teachers are not enough. Temporally classrooms constructed by community people have leakage of rainwater and roof is nearly collapsed.

PLANNING: Plan is construction of girls school building on separate site. Existing 12 classrooms are usable for Boys class while 3 classrooms for Secondary (127 students while 36 girls). Plan will be 9 classrooms for 340 girls students and 1 admin room. 17 teachers shall be allocated additionally.



S 1:1000

BUILDING TYPE: 9S
WC TYPE: 10

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS in the REPUBLIC of YEMEN	TZ- 14 AL WAHDAH-NAWAYHA
	TAIZZ GOVERNORATE AL MAAFER-JABAL HABSHI DISTRICT

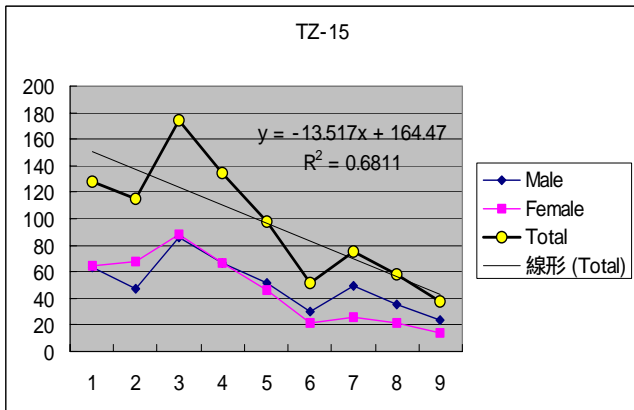
SURVEY RESULT :

Code.	TZ-15			Date of Survey	Group	Sheet No.
School Name	Al Kifah Girls School – Al Ramadah			13 / APR / '02	A,B	TZ-15
Location	Directorate	At Taiziyah		Latitude	N13 ° 34' 27.6"	
	Sub-Directorate	At Taiziyah		Longitude	E43 ° 51' 57.6"	
	City, Town, Village	Alramadah		Altitude	1125.8 m	
Main Road	0.1km from Taiz- Mocha road		Size & shape of site:	3159.80 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		
TZ-15	Male	63	47	86	67	52	30	49	36	24	454	girls school at same site											
	Female	65	68	88	67	46	22	26	22	14	418												
	Total	128	115	174	134	98	52	75	58	38	872												
	CRs for Male	1.6	1.2	2.2	1.7	1.3	0.8	1.2	0.9	0.6	11.4												
	1 69<2	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0		10	21	10	0	0		18	32	14		
	CRs Female	1.6	1.7	2.2	1.7	1.2	0.6	0.7	0.6	0.4	10.5												
	1 69<2	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0		10	0	0	0	10	10	18	14	-4	-4	
CRs for Total	3.2	2.9	4.4	3.4	2.5	1.3	1.9	1.5	1.0	21.8													
1 69<2	3.0	3.0	4.0	3.0	2.0	1.0	2.0	1.0	1.0	20.0	20	21	10	0	10		33	32	-1				

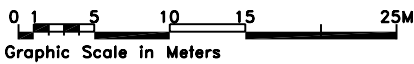
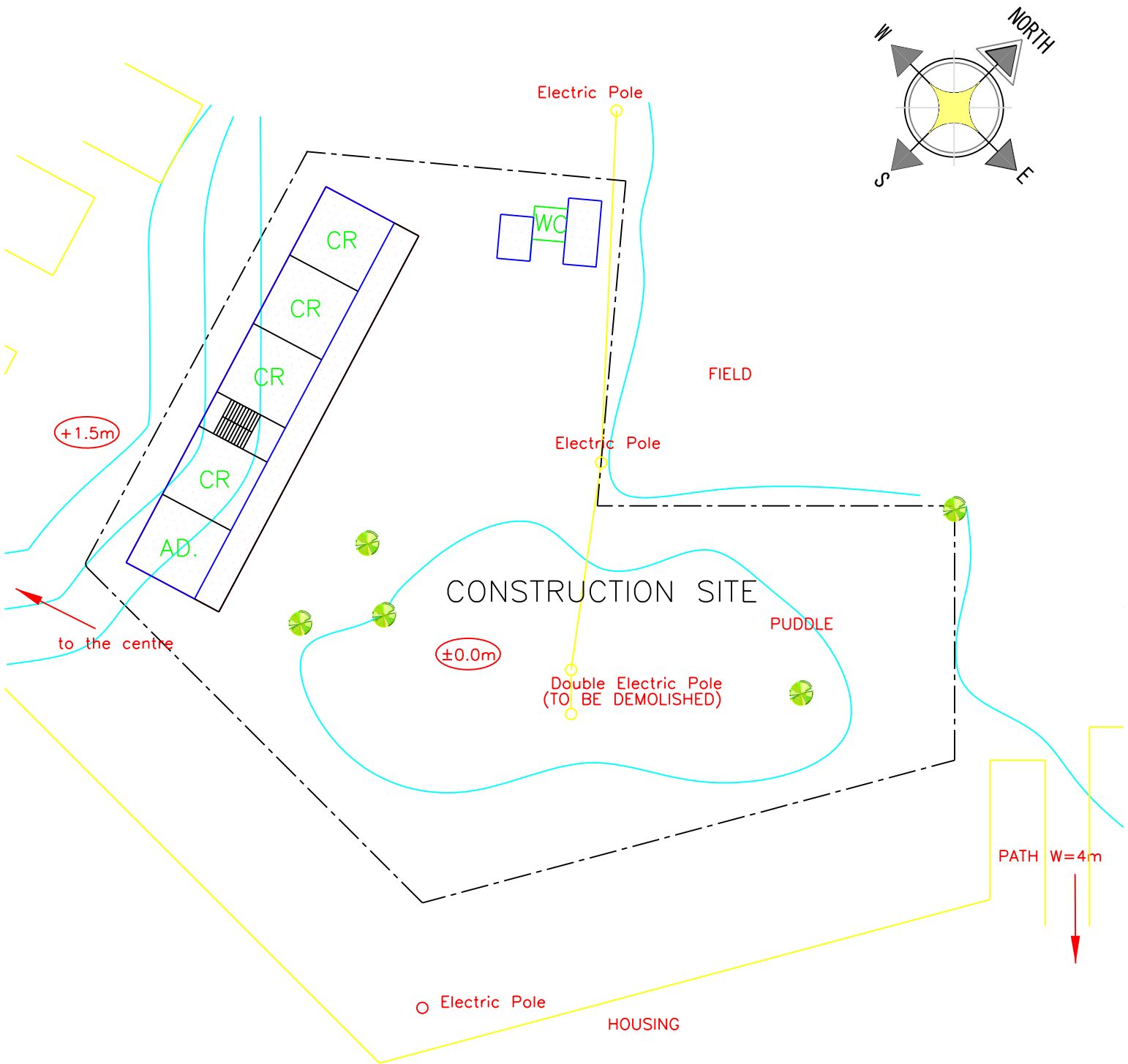
NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



- SITE CONDITIONS:** Site is located 20 km (25min) from Taiz on main road (Taiz-Mocha), the east of this road.
- ACCESSABILITY :** Access is not trouble. Existing school is on separate site.
- PROPOSED LAND:** Site area is 0.31ha and enough to construction. Center part of the site is low and rainwater gathered, so need to fill some soil. Soil is silt and soil-bearing test is essential before construction.
- INFRASTRUCTURE:** Water supply is available from supply pipe along the site. Electricity line is available at the site, but need to shift existing aerial line and pole from the center of the site.
- MANAGEMENT:** This school manages separate Boys and Girls class from G1 to G6, therefore 418 girls students are registered almost same number of Goys.
- PLANNING:** Plan is to construct Girls School on new site 100m away from existing school. 10 classrooms are usable continuously from existing 21 classrooms. 9 Classrooms and 1 Admin Room will be planned. 4 teachers need to allocate additionally.



S 1:500

BUILDING TYPE: 9S
WC TYPE: 6A

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS in the REPUBLIC of YEMEN	TZ- 15 AL KIFAH GIRLS SCHOOL- AL RAMADAH
	TAIZZ GOVERNORATE JABAL HABISHI DISTRICT

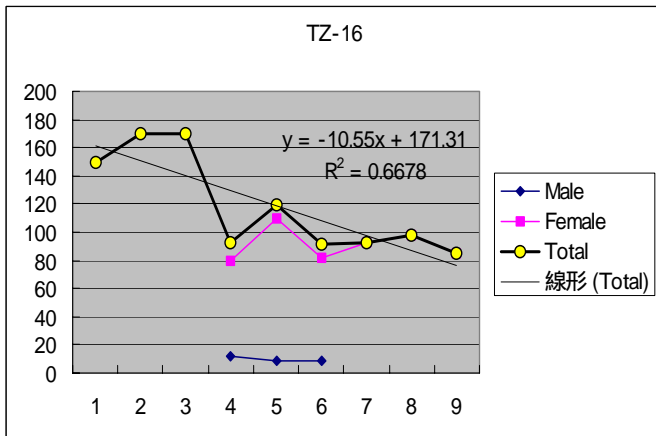
RVEY RESULT :

Code.	TZ-16		Date of Survey	Group	Sheet No.
School name	Al Fawz School		18 / APR / '02	B	TZ-16
Location	Directorate	Saalah	Latitude:	N13 ° 33' 57.1"	
	Sub-Directorate	Saalah	Longitude:	E44 ° 02' 34.8"	
	City, Town, Village	Palace Village	Altitude:	1528.6 m	
Main Road	0.05km form Saalah	Size & shape of site:	1974.60 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
TZ-16	Male				12	9	9				30										
	Female				80	110	82	92	98	85		New building at same site						F.Teachers			
	Total	150	170	170	92	119	91	92	98	85	1067	Larg school						W shift			
	CRs for Male	0.0	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.0	0.8							W shift			
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	9	11	11	0	-2		17	58	41	
	CRs Female	0.0	0.0	0.0	2.0	2.8	2.1	2.3	2.5	2.1	0.0										
	1 69<2	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	10.0	10	0	0	0	10		18	41	23	
CRs for Total	3.8	4.3	4.3	2.3	3.0	2.3	2.3	2.5	2.1	26.7											
1 69<2	4.0	4.0	4.0	2.0	3.0	2.0	2.0	2.0	2.0	25.0	25	11	11	0	14	7	42	58	16	16	

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located 2km (10min) from Taiz on main road (Saalah street), then climb to the south on gravel road approx. 50m point.

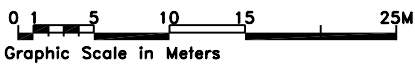
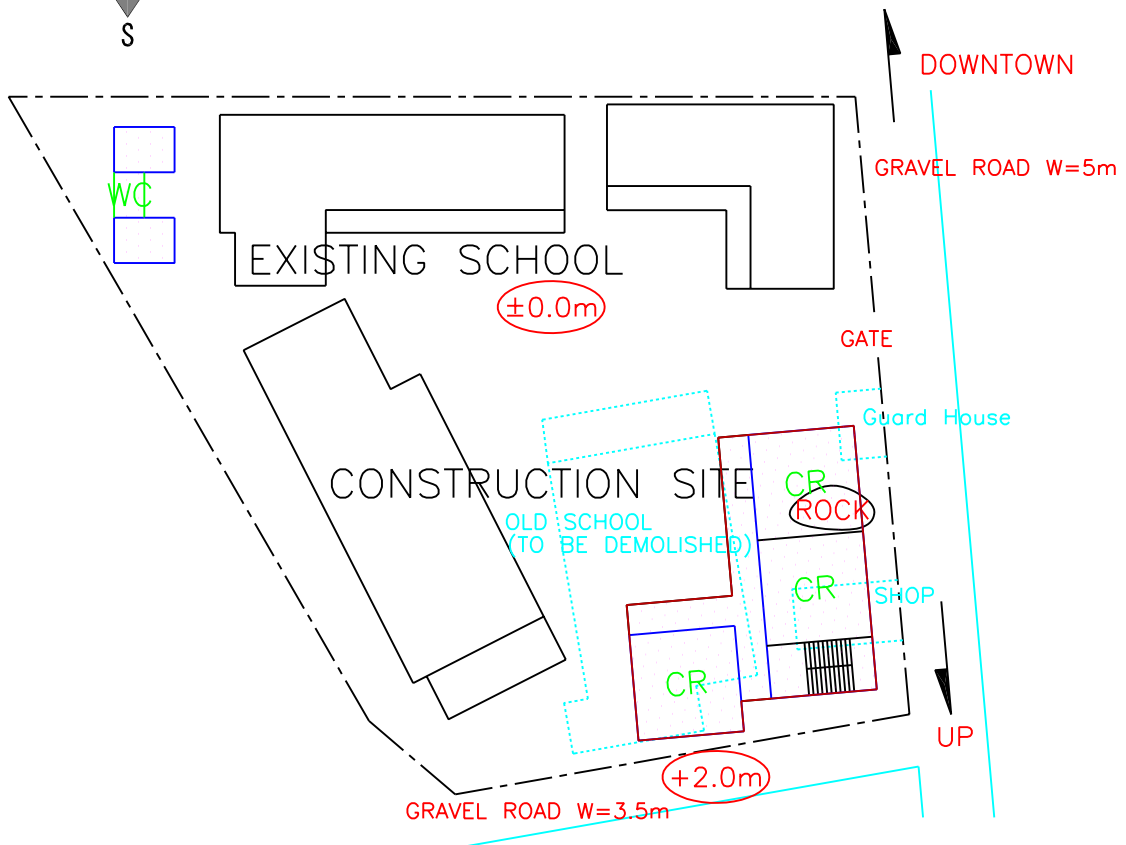
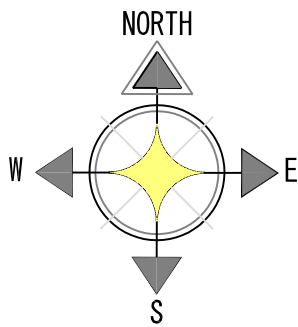
ACCESSABILITY : Access is very easy because within Taiz city area.

PROPOSED LAND : Site area is 0.19ha and gradually sloping to south-north direction. Site is narrow and several buildings exist. For planning, buildings not using in center shall be demolished. All boundaries are fenced 2 m high.

INFRASTRUCTURE : Water and Electricity are connected already.

MANAGEMENT : This school is in Taiz sub-urban area and registered 1067 students. School is managed double shift at afternoon for girl's class. 28 female teachers, this school is very active especially for girl's class.

PLANNING : Plan is to expand new school building after demolish existing old building in center. All 11 classrooms are usable continuously. After calculation, 14 classrooms are necessary, but 6 classrooms will be planned for double shift.



S 1:500

BUILDING TYPE: 5L
WC TYPE: 4

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

TZ- 16 AL FAWZ SCHOOL

TAIZZ GOVERNORATE

SAALAH DISTRICT

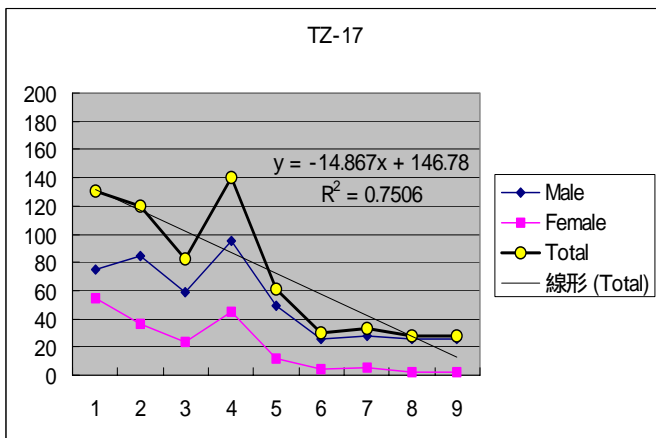
SURVEY RESULT:

Code.	TZ-17			Date of Survey	Group	Sheet No.
School Name	Al Fath Al Uzlah School			16 / APR / '02	A	TZ-17
Location	Directorate	Saber		Latitude:	N13 ° 26'49.7"	
	Sub-Directorate	Saber Almauadam		Longitude:	E 44 ° 05'44.7"	
	City, Town, Village	Uzlah Hazah		Altitude:	1507 m	
Main Road	0.4km from Taiz- Aden road		Size & shape of site:	1769.50 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		
TZ-17	Male	75	84	59	95	49	26	28	26	26	468	girls school at same site											
	Female	55	36	23	45	12	4	5	2	2	184												
	Total	130	120	82	140	61	30	33	28	28	652												
	CRs for Male	1.9	2.1	1.5	2.4	1.2	0.7	0.7	0.7	0.7	11.7												
	1 69<2	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	12.0		12	10	7	0	5		21	23	2		
	CRs Female	1.4	0.9	0.6	1.1	0.3	0.1	0.1	0.1	0.1	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	2	-15		
	CRs for Total	3.3	3.0	2.1	3.5	1.5	0.8	0.8	0.7	0.7	16.3												
1 69<2	3.0	3.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	16.0	16	10	7	0	9	9	27	23	-4	-4			

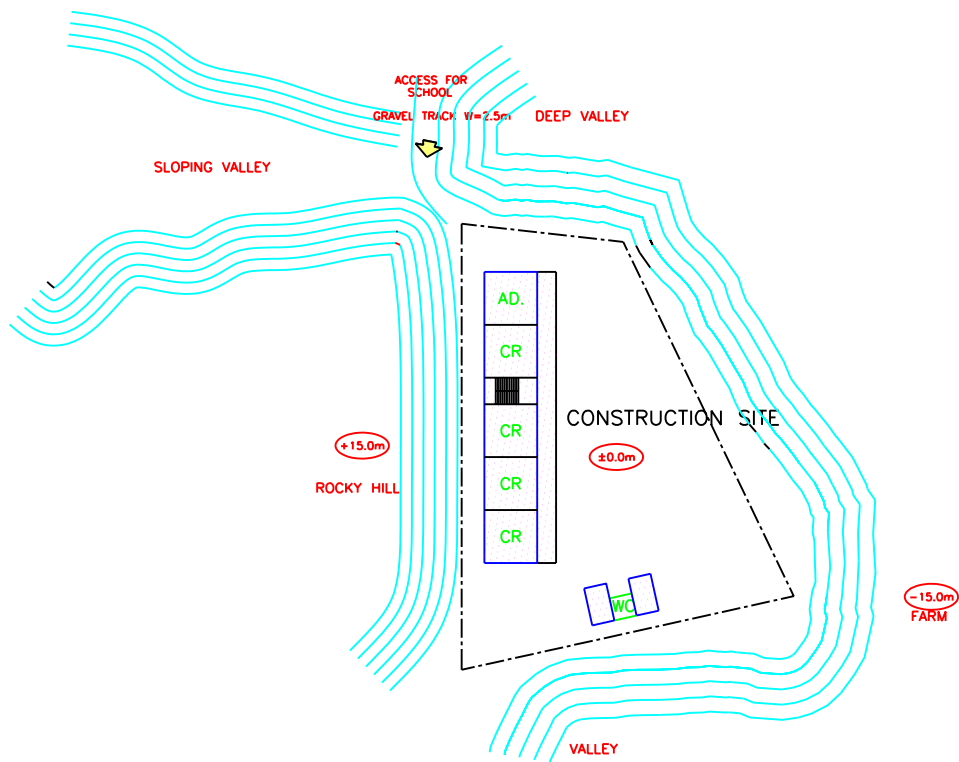
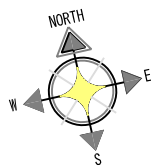
NUMBER OF STUDENTS BY GRADE:



VIEW OF EXISTING SCHOOL:



- SITE CONDITIONS:** Site is located 50 km from Taiz on Trunk road (Taiz-Aden), then to the east on gravel road 12km (45 min).
- ACCESSABILITY :** Access is not trouble, but final approach truck from 2nd road up to the Site is necessary to improve because narrow and very steep. Existing school is on a hill far 0.5 km away
- PROPOSED LAND:** Site area is 0.17ha and nearly flat where graded by blasting original rock-shelf same as TZ-01. Land reclamation was done just before our survey and compaction was not applied therefore, soil-bearing test is essential before construction.
- INFRASTRUCTURE:** Water is usable community Well. Electricity line is available 2 km away from the site.
- MANAGEMENT:** This school is registered 652 students, 23 teachers and managed well. Girl's students are dropout sharply from middle grade. After new classrooms are constructed, these girls' dropouts are expected to ease.
- PLANNING:** Request is to construct Girls School on new site 500m away from existing school. 7 classrooms are usable continuously from existing 10 classrooms. 9 Classrooms and 1 Admin Room will be planned. To be an independent Girls School, small number of girl's students in higher class and 15 teachers shall be appointed. When these conditions solve, this school shall become Girls School with same 9 classrooms.



Graphic Scale in Meters
S 1:1000

BUILDING TYPE: 9S
WC TYPE: 6B

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS in the REPUBLIC of YEMEN	TZ- 17 AL FATH AL UZLAH SCHOOL
	TAIZZ GOVERNORATE SABER DISTRICT

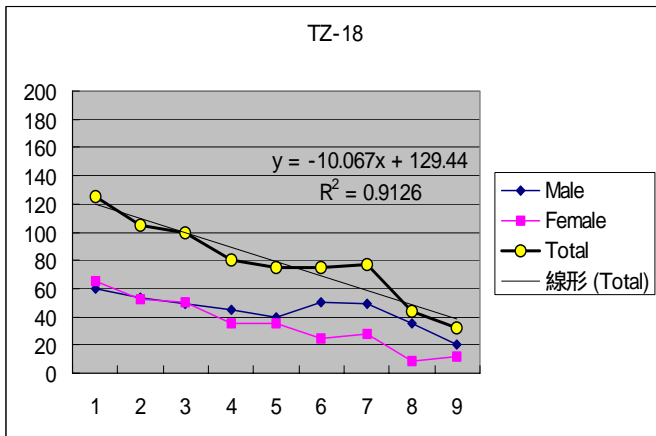
SURVEY RESULT :

Code.	TZ-18		Date of Survey	Group	Sheet No.
School Name	Ammar Bin Yaser		17 / APR / '02	B	TZ-18
Location	Directorate	Al Maafer	Latitude	N13 ° 27' 49.9"	
	Sub-Directorate	Kalaibah	Longitude	E43 ° 58' 33.5"	
	City, Town, Village	Kudam	Altitude	1190.2m	
Main Road	Along to Taiz- Atturba road	Size & shape of site:	4596.00 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	
TZ-18	Male	60	53	49	45	40	50	49	35	20	401	New building at same site										
	Female	65	52	50	35	35	25	28	9	12	311											
	Total	125	105	99	80	75	75	77	44	32	712											
	CRs for Male	1.5	1.3	1.2	1.1	1.0	1.3	1.2	0.9	0.5	10.0											
	1 69<2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0		9	11	3	0	6		17	19	2	
	CRs Female	1.6	1.3	1.3	0.9	0.9	0.6	0.7	0.2	0.3	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	11	0	0	9		17	2	-15	
CRs for Total	3.1	2.6	2.5	2.0	1.9	1.9	1.9	1.1	0.8	17.8												
1 69<2	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	17.0	17	11	3	0	14	14	30	19	-11	-11		

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS: Site is located 20 km from Taiz on main road (Taiz-At turba), the west side of this road.

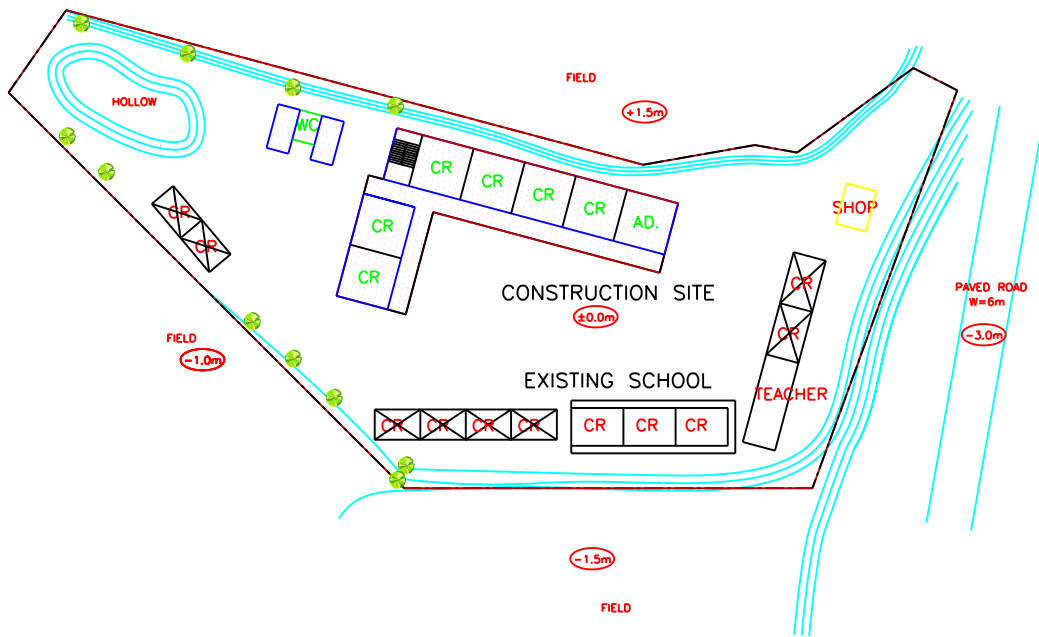
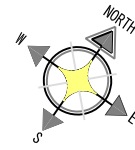
ACCESSABILITY : Access is not trouble.

PROPOSED LAND: Site area is 0.45ha and nearly flat. Existing buildings are south-east side of the site. Therefore, new building will be planed at north-west side.

INFRASTRUCTURE: No water supply, water is carried from community Well from 150m away. Electricity line is available 3 km away from the site.

MANAGEMENT: This school is in rural area but 712 students (while 311 girls students) are registered. Girls students are almost even numbers until G7.

PLANNING: Plan is to expand new school building on existing school site. 3 classrooms are usable continuously from existing 11 classrooms. After calculation, 14 classrooms are required; plan will be 13 classrooms and 1 admin room. Teachers are shortage, 11 teachers need additionally



Graphic Scale in Meters
 S 1:1000

BUILDING TYPE: 13L
 WC TYPE: 8

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

TZ- 18 AMMAR BIN YASER

TAIZZ GOVERNORATE

SABR AL-MAWADEM DISTRICT

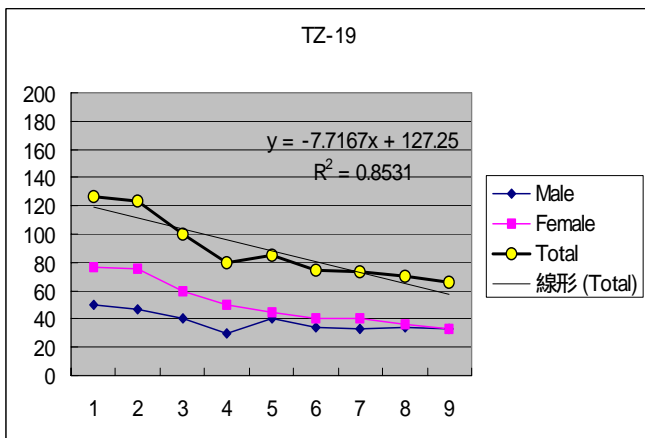
SURVEY RESULT :

Code.	TZ-19			Date of Survey	Group	Sheet No.
School Name	Al Nhour Alajound Girls School			14 / APR / '02	A,B	TZ-19
Location	Directorate	At Taiziyah		Latitude:	N13 42 45.9	
	Sub-Directorate	Ag'ood		Longitude:	E43 59 25.0	
	City, Town, Village	Ag'ood		Altitude:	1251.3 m	
Main Road	0.02km from Taiz- Audain road		Size & shape of site:	2670.00 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									
TZ-19	Male	50	47	40	30	40	34	33	34	33	341	New building at same site							F.Teachers	1										
	Female	77	76	60	50	45	40	40	36	33	457																			
	Total	127	123	100	80	85	74	73	70	66	798																			
	CRs for Male	1.3	1.2	1.0	0.8	1.0	0.9	0.8	0.9	0.8	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	8	8	0	1	17	43	26
	CRs Female	1.9	1.9	1.5	1.3	1.1	1.0	1.0	0.9	0.8	11.4																			
	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	26	7
CRs for Total	3.2	3.1	2.5	2.0	2.1	1.9	1.8	1.8	1.7	20.0																				
1 69<2	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	19.0	19	8	8	0	11	11	34	43	9	7										

NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



SITE CONDITIONS : Site is located about 1 hour from Taiz on Trunk road (Taiz-Aludain), the west side of the road.

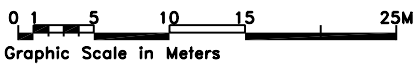
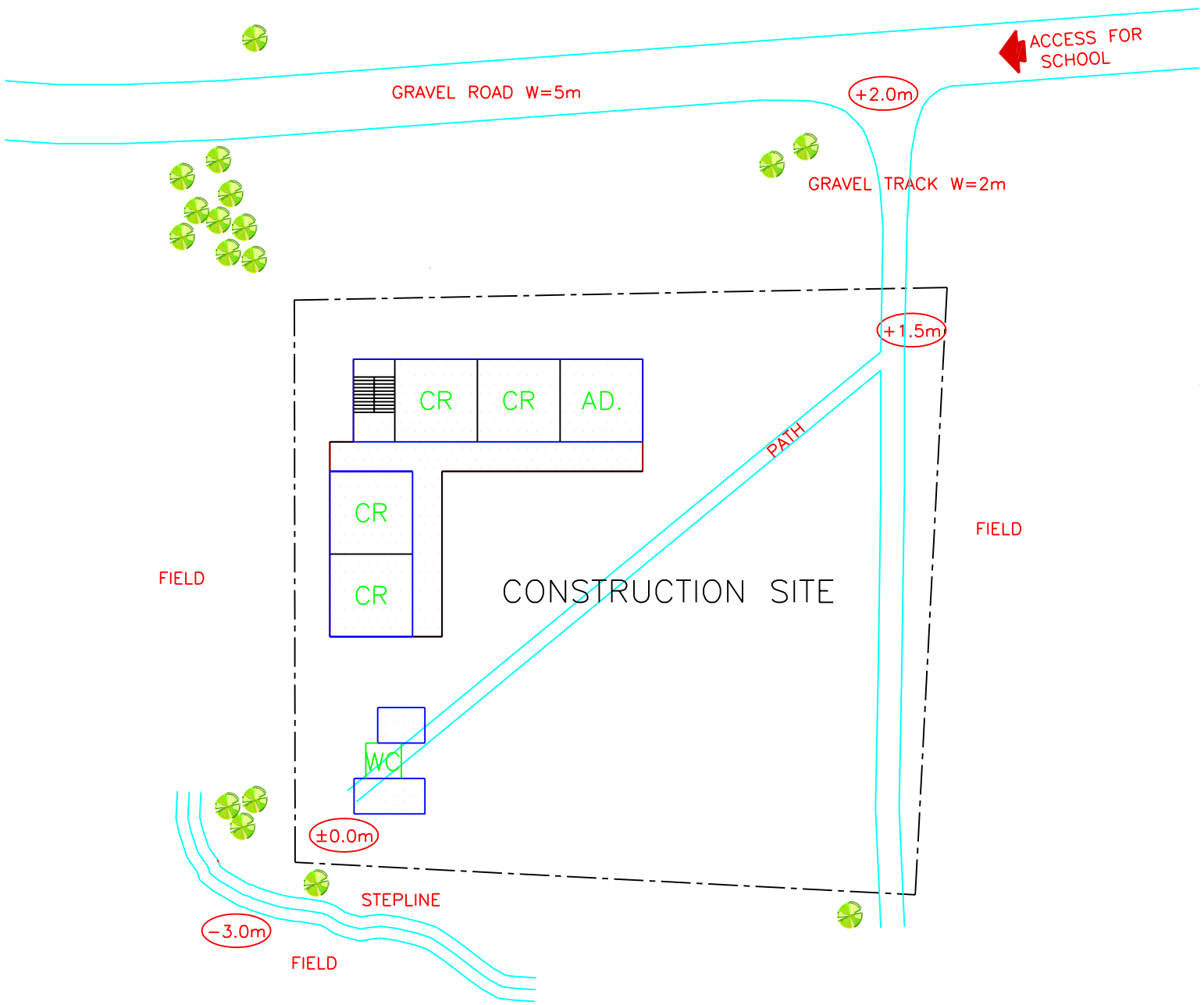
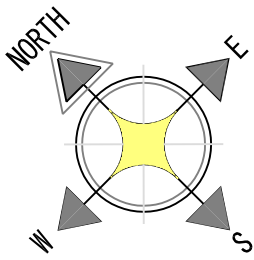
ACCESSABILITY : This Main road is not paved 5km on the middle part, but access is not trouble.

PROPOSED LAND : Site area is 0.26ha, nearly flat and enough for construction. Existing school is in south east direction apart from this site.

INFRASTRUCTURE : No water supply, water is carried from community Well 0.2 km away. Once per month, water supply by lorry but not enough. Electricity line is available 0.3 km away from the site.

MANAGEMENT : This school is in rural area but 798 students are registered with 43 teachers. Girl's students (457) are more than Goys (341); Therefore request is construction of new Girls School as per the School name.

PLANNING : Plan is to construct Girls School on new site 700m away from existing school. After calculation, 11 classrooms are required for Girls school also coeducation. Existing all 8 classrooms are usable continuously, Lower Grade (G1 to G3) shall be mix-class in the existing school, then 9 Classrooms and 1 Admin Room will be planned.



S 1:500

BUILDING TYPE: 9L
WC TYPE: 6A

THE PROJECT for CONSTRUCTION of BASIC SCHOOLS in the REPUBLIC of YEMEN	TZ- 19 AN NNOUR ALAJOUJ GIRLS SCHOOL
	TAIZZ GOVERNORATE AT TAIZYAH DISTRICT

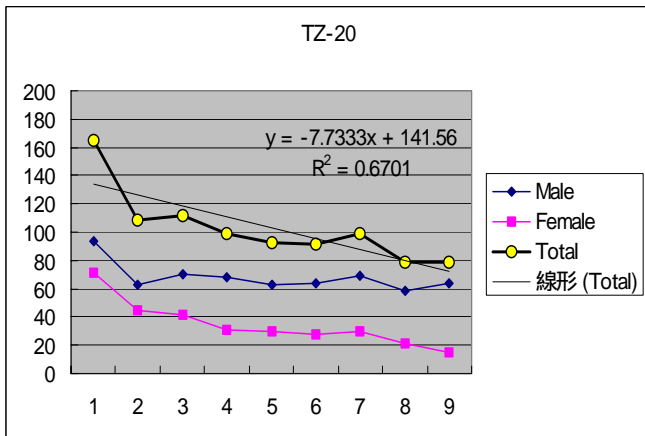
SURVEY RESULT :

Code.	TZ-20			Date of Survey	Group	Sheet No.
School Name	Ahmed Bin Alwan School			17 / APR / '02	A	TZ-20
Location	Directorate	Jabal Habashi		Latitude:	N13 ° 26' 57.9"	
	Sub-Directorate	Yafrast		Longitude:	E43 ° 56' 29.1"	
	City, Town, Village	Yafrast		Altitude:	1285 m	
Main Road	4km form Taiz- Athorbah road		Size & shape of site:	1770.00 m ² Gradually 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																
TZ-20	Male	94	63	70	68	63	64	69	58	64	613	Girals school at same site							F.Teachers	4																	
	Female	71	45	42	31	30	28	30	21	15	313																										
	Total	165	108	112	99	93	92	99	79	79	926																										
	CRs for Male	2.4	1.6	1.8	1.7	1.6	1.6	1.7	1.5	1.6	15.3																										
	1 69<2	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0														11	6	6	0	5		19	9	-10				
	CRs Female	1.8	1.1	1.1	0.8	0.8	0.7	0.8	0.5	0.4	7.8																										
	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	10	18	0	-18	-18			
CRs for Total	4.1	2.7	2.8	2.5	2.3	2.3	2.5	2.0	2.0	23.2																											
1 69<2	4.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	21.0	21	6	6	0	15		37	9	-28																		

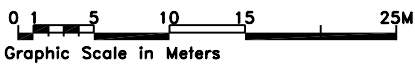
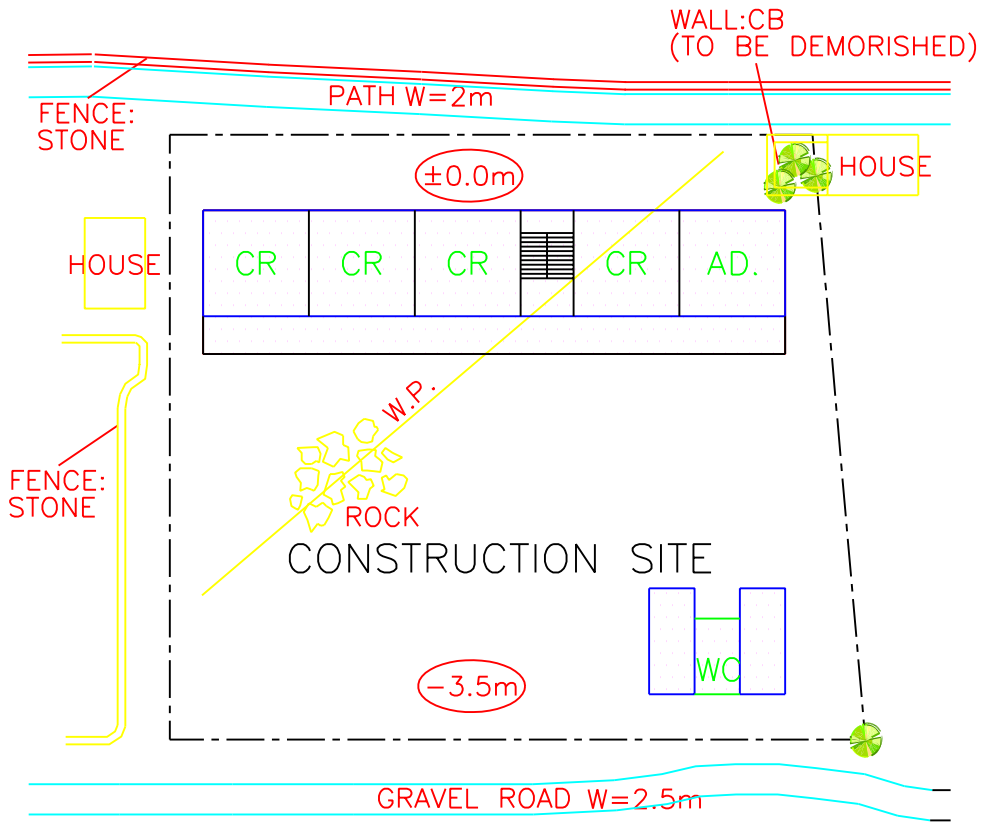
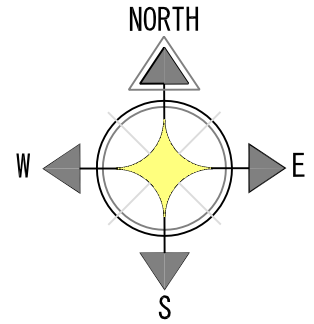
NUMBER OF STUDENTS BY GRADE :



VIEW OF EXISTING SCHOOL :



- SITE CONDITIONS :** Site is located 19 km from Taiz on main road (Taiz- Acthorbah), then 4km (20min) on gravel road.
- ACCESSABILITY :** Access is not trouble, but final truck from village to the Site is narrow and steep. All houses are built on slope in this village. Existing school is 0.7km away on the hill but only Four Wheel Drive could reach there.
- PROPOSED LAND :** Site area is 0.17ha but southern part is 3m below and not suite for construction. After our survey, community people arranged bulldozer for reclamation. We received photographs of reclaimed site in Sanaa. Soil is not compacted; therefore soil-bearing test is essential before construction.
- INFRASTRUCTURE :** Rural water supply is available which pumping up well water to elevated water tank for each houses. Electricity line is available on the site.
- MANAGEMENT :** This school is registered 926 students in 6 classrooms building and some rented rooms. Teachers are reported only 9 but not including teachers for rented rooms.
- PLANNING :** Plan is to construct Girls School (313 girls students) on new site in village. Existing all 6 classrooms is usable continuously. 9 Classrooms and 1 Admin Room will be planned. 4 female teachers are working but 14 teachers shall be additionally allocated.



S 1:500

BUILDING TYPE: 9S
WC TYPE: 10

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

TZ- 20 AHMED BIN ALWAN

TAIZZ GOVERNORATE

JABAL HABISHI DISTRICT