

B. MEASURES FOR FLOODS

7.3 Technical Evaluation

Project evaluation from a technical point of view is as follows:

Char area

The proposed development in 3 of the 7 paras of Algar char Gram in raising the homesteads involves simple earthworks only. Only the homesteads, which have some land to spare earth from, will be finally chosen for raising. Therefore, availability of earth will not pose any problem. As per the existing system, the villagers whose houses are taken up for raising will temporarily take out their existing structures for facilitating the earthwork. After the earthwork is completed they will again erect their houses on the raised grounds. Immediately after completion of earth works the house owners will take vegetative protective measures against erosion of homesteads. As the houses in char areas are built with such materials so that those can be moved away in time of need, the temporary removal of the houses and their resetting will be technically possible. As per the existing practice, as they did in CARE projects, the house owners will carry out O&M of the raised earthworks in homestead area as soon as it is necessary.

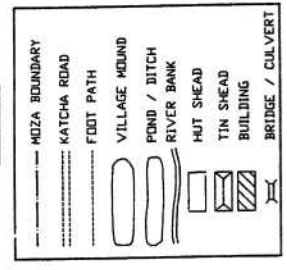
The raising of the school ground of Algar char Government Primary School for a refuge place is also simple earthwork of a similar nature. At present the ground is vacant. Borrow earth will have to be taken by public motivation from the nearby fields. CARE did the similar kind of work in other paras of the village in 2001 in raising the 3 school platforms to convert them school-cum-shelters with public motivation. The School Committee will do vegetative protection on the periphery of the raised ground through public motivation. O&M will be possible in this case also by public motivation.

Gurai

The development work proposed for Gurai Gram is construction of 1,784 m of brick wall for the purpose of protection against wave erosion in monsoon. It will be a retaining wall in nature. The ground in the locality has adequate bearing capacity to support the 2-3 m high brick wall with normal foundation. LGED built about 230m of such wall in Purba para about 15 years ago. The existing wall is now in good shape and is resisting well the wave erosion in the part of the para where it is situated. The brick wall does not require heavy maintenance. However, the village people carry out the small repair works themselves when required.

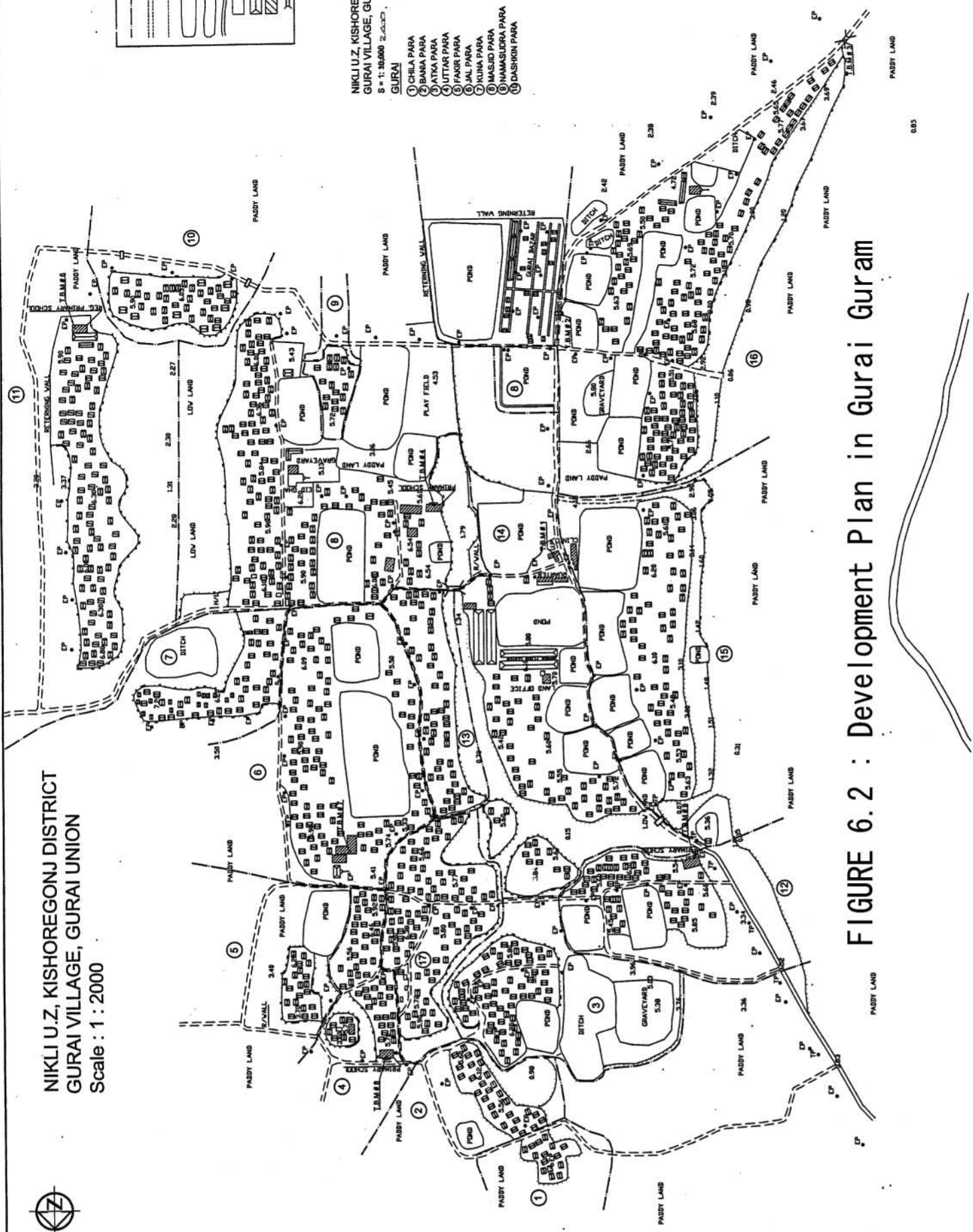
Bricks and cement are available plenty in Bangladesh. The materials are available also in near about locations of Gurai Gram. As the village is well connected by road with the neighboring bazaars, carrying of construction materials to site in dry season will be quite feasible. The village people can carry out the repair works themselves when required as they are doing the same for the existing part of the brick wall at present.

LEGEND



NIKLI U.Z. KISHOREGONJ DISTRICT
 GURAI VILLAGE, GURAI UNION
 S = 1: 30,000 2.4.57

- 1 PURBA PARA
- 2 BANIA PARA
- 3 ATKA PARA
- 4 JITTAR PARA
- 5 FARR PARA
- 6 JAL PARA
- 7 KUNA PARA
- 8 MASUD PARA
- 9 NAMA SUDRA PARA
- 10 DASHKIN PARA
- 11 CHILA PARA
- 12 GHOSH PARA
- 13 PASHCHIM PARA
- 14 SHIBIR PARA
- 15 PAL PARA
- 16 NAOGAON PARA
- 17 MODDON PARA



NIKLI U.Z. KISHOREGONJ DISTRICT
 GURAI VILLAGE, GURAI UNION
 Scale : 1 : 2000

FIGURE 6.2 : Development Plan in Gurai Guram

0.85

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