

3.2.5 Economic conditions :

Hebron is considered as the economic capital of the state of Palestine, but this is different in the case of the old city, where the practices of the Israeli occupation and its control over large parts of it this is shown as an economic deterioration, close shops and prevent turism , see fig (3.6).



Fig 3. 6 closed shops in the Hebron Old city .

3.2.6 Infrastructure services :

Hebron city is Mountainous area that starts from Ras aljora the highest area which reach (1005 m) above sea level to the Old City which reach 860 m above sea level , with this elevations we face many challenging point in the way that must follow to solve problems in the Old City

Hebron Old City has a combined sanitary system which collect and disposal wastewater and storm water and these network is in bad condition specially in winter.

Also the Old City has good water network that provide the inhabitant with 65 liter/capita /day see in appendix C (c-2) ,Hebron Old City has a good electrical communication network and water system as shown in fig 3.7.



Figure 3.7. Water network in Hebron Old city. [3]

The roads in the Old City having A special design that use stones in some cases and tiles in other cases and this is the old style which must be maintain , where some roads are in good situation as shown in fig 3.8



Figure 3.8. The roads in the Old City [3]

Although some roads in the Hebron Old city are in bad situation such as Alshalaleh street and Souq AlQazazen , and it need to redesign.

All of this infrastructure services are severed by the Hebron Municipality , many project is implemented by the Hebron Rehabilitation Committee , this two institution provide an infrastructure services to the Old City .

3.3 Analysis and Evaluation

Project studying of the current condition of the Hebron old city infras the following analysis and discussion must be done :-

Firstly :- the elevation of Hebron City is running from the highest point in the north (RAS AL-JOURA) to the lowest point in the south (The OLD CITY) as shown appendix C (c-3) , this manner in the City elevation means that the flow is running by gravity from the north to the south (from Ras Aljoura to the Old City) and so the situation of the sanitary system in the Old City is so bad and it cause a big environmental and health problem. So , a serious steps to improve this condition must be taken and done.

Maps must used to analysis and discuss this data so Triangulated Irregular Network Map (TIN) map was prepared for the Hebron City as well as the Old City and this is shown in fig (3.9) , then a Digital Elevation Model Map was prepared for the area and this is shown in fig (3.10) , then Flow Direction map which shown in fig (3.11) , then Flow Accumulation Map was prepared for the City and it is shown in the fig (3.12) , then Stream Network Map also was constructed as shown in appendix C (c-4). This Maps show the highest point in the City which is in the north , and the lowest point which in the south (Old City).

Flow direction is running by gravity to enter the lowest point which located in the Old City.

Note that the accumulated from the north to reach the south formed a stream network that end in the Old City

This facts make the design of the sanitary network of the Hebron City running by gravity from north to the south .