

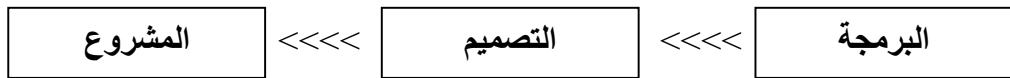
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(Pre-design stage)

"The orderly definition of the architectural problem and the articulation of the projects requirements in a manner that promotes the creation of a responsible solution for the design of the building". (Donna Duerk, Architectural Programming, P8).

(Pena, 1977)



(Client)

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(American Institute of Architects, AIA)

(Facility Programming) "

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**مرحلة ما قبل التصميم:** (Pre-design Stage)

- دراسة الجدوى Feasibility Study
- البرمجة Programming
- المخطط العام Master Plan

V

التصميم المبدئي Schematic Design

V

تطوير التصميم Design Development

V

الوثائق للتنفيذ للمشروع Construction Documents

V

إدارة تنفيذ المشروع Construction Administration

V

**مرحلة ما بعد التصميم:** (Post- Design Stage)

- تقييم المباني بعد الاستخدام Post- occupancy Evaluation

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.(Brief )

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.(Sophisticated)

1952

(Jencks, 1984)

(Newman, 1974)

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((4) ) ..... .5

(R. Herchburger, 1999)



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### 3.2

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(Environmental Psychology)

(Environmental Sociology)

(Human Ecology) ( )

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(Built environment)

" " " (Environmental Design Research Association, EDRA)  
" (Design Research Society, DRS)

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- (Behavior and Attitudes) •
- (Systematic Observation) •
- (Structured Interviews) •
- (Survey Questionnaires) •
- (Statistical Analyses) •

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(Louis Khan)

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(Globalization)

(Sustainability)

(Issues)

(Hershberger)

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	<b>(Issues)</b>
(Functional) : (Social) : (Physiological) : (Psychological) :	(Human)
:	(Environmental)
,	(Cultural)
/ / /	(Technological)
/	(Temporal)
/ / / /	(Economic)
/ / /	(Aesthetic)
/ /	(Safety)

(Issues)

:(Hershberger)