

DAFTAR ISI

Halaman Cover	i
Lembar Pengesahan	ii
Catatan Dosen Pembimbing.....	iii
Persyataan Keaslian	iv
Kata Pengantar	v
Abstrak	vi
Daftar Isi	viii

BAGIAN 1

PENDAHULUAN	1
1.1 Latar Belakang.....	1
1.2 Spesifikasi Proyek	2
1.2.1 Deskripsi Singkat Proyek.....	3
1.3 Rumusan Permasalahan.....	6
1.4 Tujuan.....	6
1.5 Sasaran	6
1.6 Metode Penyampaian Kritik.....	6
1.7 Kerangka Berifikir.....	7
1.8 Peta Problematika.....	8

BAGIAN 2

KAJIAN PUSTAKA.....	9
2.1 Pengertian Efektivitas.....	9
2.2 Rumah Sakit	9
2.3 Standar Persyaratan Rumah Sakit	9
2.3.1 Ruang Rawat Inap.....	9
2.4 Proses Desain Menurut IAI	12
2.4.1 Tahap 1: Tahap Konsep Rancangan	12
2.4.2 Tahap 2: Tahap Pra Rancangan / Skematik Desain.....	13
2.4.3 Tahap 3: Tahap Pengembangan Rancangan	13
2.4.4 Tahap 4: Tahap Pembuatan Gambar Kerja.....	14
2.4.5 Tahap 5: Tahap Proses Pengadaan Pelaksanaan Konstruks	14
2.4.6 Tahap 6: Tahap Pengawasan Berkala.....	14
2.5 Proses Desain Menurut AIA.....	14
2.5.1 Tahap 1: Schematic Design Phase.....	15
2.5.2 Tahap 2: Design Development Phase.....	15
2.5.3 Tahap 3: Construction Documents Phase.....	16
2.5.4 Tahap 4: Bidding And Negotiation Phase	17
2.5.5 Tahap 5: Construction Contract Administration.....	17
2.6 Design Development Checklist.....	18

2.7	Kajian Preseden	18
2.7.1	The Sydney Opera House.....	18
BAGIAN 3		
ANALISIS		
3.1	Analisis Tahap Skematik Desain	21
1.	Conferences with the user or owner.....	21
2.	Survey and Collecting Data	22
3.	Analysis of Project Requirement.....	23
4.	Building Code Information	23
5.	Diagram studies of Space Requirement	25
6.	Assembly of Utility and Survey Data	29
7.	Schematic Design Studies and Recommended Solution.....	29
8.	Schematic Design Plan.....	32
9.	Sketches and Study Model	32
10.	General Project description	33
11.	Preliminary Cost Estimate.....	33
12.	Presentation of SD documents to Owner (RPL I)	34
3.2	Analisis Tahap Pengembangan Desain.....	21
1.	Conferences with the user or owner.....	36
2.	Refinement of project requirement	36
3.	Formulation of civil engineering system	36
4.	Formulation of Structural system.....	37
5.	Formulation of Electrical & mechanical system.....	38
6.	Selection of major building material.....	39
7.	Preparation of DD document	40
8.	Perspective, Sketches, or model.....	43
9.	Preliminary cost estimate	45
10.	Equipment schedule	45
11.	Reviewing plans with applicable agencies.....	45
12.	Presentation of DD documents to Owner (RPLII).....	46
3.3	Analisis Tahap Pembuatan Gambar Kerja.....	48
1.	Conferences with the user or owner.....	48
2.	Development of major detail condition	48
3.	Diagram study of major mechanical and electrical system	49
4.	Diagram study of major civil and structural system	50
5.	Architectural working drawings, specifications	50
6.	Civil working drawings, specifications.....	50
7.	Structural working drawings, specifications	50
8.	Mechanical working drawings, specifications	50

9. Electrical working drawing, specifications	50
10. Built-in equipment working drawings, specifications.....	50
11. Update construction cost estimate	51
12. Submission of construction documents to applicable agencies	51
13.Presentation of CD documents to owner (RPL III)	52
BAGIAN 4	
KESIMPULAN DAN SARAN	54
4.1 Kesimpulan	54
4.2 Saran	56
Daftar Pustaka	58
Lampiran	59