

DAFTAR ISI

HALAMAN PERNYATAAN.....	Error! Bookmark not defined.
PRAKATA	Error! Bookmark not defined.
UCAPAN TERIMA KASIH	Error! Bookmark not defined.
ABSTRAK	Error! Bookmark not defined.
ABSTRACT	Error! Bookmark not defined.
DAFTAR ISI	vii
DAFTAR TABEL	xi
DAFTAR GAMBAR	xii
DAFTAR BAGAN	xv
BAB I PENDAHULUAN	Error! Bookmark not defined.
1.1 Latar Belakang Perancangan	Error! Bookmark not defined.
1.2 Tujuan dan Manfaat Perancangan	Error! Bookmark not defined.
1.2.1 Tujuan	Error! Bookmark not defined.
1.2.2 Manfaat	Error! Bookmark not defined.
1.3 Identifikasi Masalah Perancangan	Error! Bookmark not defined.
1.4 Batasan Masalah Perancangan	Error! Bookmark not defined.
1.5 Keluaran	Error! Bookmark not defined.
1.6 Pendekatan dan Gambaran Capaian yang Dituju	Error!
Bookmark not defined.	
1.7 Kerangka Berpikir	Error! Bookmark not defined.
1.8 Sistematika Penyusunan	Error! Bookmark not defined.
BAB II KAJIAN PUSTAKA	Error! Bookmark not defined.
2.1 Pengertian	Error! Bookmark not defined.
2.1.1 Pengertian Redesain	Error! Bookmark not defined.

2.1.2	Pengertian Masjid	Error! Bookmark not defined.
2.1.3	Pengertian Masjid Kampus .	Error! Bookmark not defined.
2.2	Fungsi Masjid.....	Error! Bookmark not defined.
2.3	Tipologi Masjid.....	Error! Bookmark not defined.
2.4	Karakteristik Masjid	Error! Bookmark not defined.
2.5	Kriteria Masjid	Error! Bookmark not defined.
2.6	Arah Kiblat	Error! Bookmark not defined.
2.7	Aksesibilitas Ibadah bagi Difabel .	Error! Bookmark not defined.
2.8	Struktur Bangunan	Error! Bookmark not defined.
2.9	Konstruksi Bangunan	Error! Bookmark not defined.
2.10	Rainwater Harvesting (RWH).....	Error! Bookmark not defined.
BAB III DESKRIPSI PROYEK.....		Error! Bookmark not defined.
3.1	Gambaran Umum	Error! Bookmark not defined.
3.1.1	Data Proyek	Error! Bookmark not defined.
3.2	Rona Lingkungan	Error! Bookmark not defined.
3.2.1	Tapak	Error! Bookmark not defined.
3.2.2	Peraturan	Error! Bookmark not defined.
3.2.3	View Lokasi	Error! Bookmark not defined.
3.2.4	Fasilitas dan Utilitas Lingkungan	Error! Bookmark not defined.
3.3	Program Kegiatan.....	Error! Bookmark not defined.
3.4	Kapasitas Ruang.....	Error! Bookmark not defined.
3.5	Studi banding Proyek Sejenis	Error! Bookmark not defined.
3.5.1	Masjid Salman, ITB, Bandung	Error! Bookmark not defined.
3.5.2	Masjid Iqomah Bandung.....	Error! Bookmark not defined.

BAB IV ELABORASI TEMA **Error! Bookmark not defined.**

4.1 Arsitektur Ramah Lingkungan..... **Error! Bookmark not defined.**

4.1.1 Ciri Arsitektur Ramah Lingkungan**Error! Bookmark not defined.**

4.1.2 Kriteria Arsitektur Ramah Lingkungan**Error! Bookmark not defined.**

4.1.3 Manfaat Arsitektur Ramah Lingkungan**Error! Bookmark not defined.**

4.2 Interpretasi Tema **Error! Bookmark not defined.**

4.3 Studi Banding Tema Sejenis **Error! Bookmark not defined.**

1.4 Konsep Tema pada Desain **Error! Bookmark not defined.**

BAB V ANALISIS PERENCANAAN DAN PERANCANGAN ... **Error! Bookmark not defined.**

5.1 Analisis Perencanaan..... **Error! Bookmark not defined.**

5.1.1 Tata Guna Lahan **Error! Bookmark not defined.**

5.1.2 Tapak **Error! Bookmark not defined.**

5.1.3 Pola Arah Matahari..... **Error! Bookmark not defined.**

5.1.4 Sirkulasi dan Kebisingan **Error! Bookmark not defined.**

5.1.5 Pola Vegetasi..... **Error! Bookmark not defined.**

5.1.6 Sistem Tata Luar..... **Error! Bookmark not defined.**

5.2 Analisis Perancangan **Error! Bookmark not defined.**

5.2.1 Fungsional **Error! Bookmark not defined.**

5.2.2 Analisis Pelaku Kegiatan **Error! Bookmark not defined.**

5.2.3 Analisis Ruang **Error! Bookmark not defined.**

5.2.4 Analisis Kebutuhan Luas Ruang**Error! Bookmark not defined.**

5.2.5 Analisis Hubungan Ruang .. **Error! Bookmark not defined.**

- 5.2.6 Analisis Organisasi Ruang .. **Error! Bookmark not defined.**
- 5.2.7 Analisis Struktur..... **Error! Bookmark not defined.**
- 5.2.8 Analisis Bahan Material..... **Error! Bookmark not defined.**
- 5.2.9 Analisis Mekanikal Elektrikal**Error! Bookmark not defined.**

BAB VI KONSEP PERENCANAAN Error! Bookmark not defined.

- 6.1 Konsep Dasar **Error! Bookmark not defined.**
- 6.2Konsep Perencanaan Tapak..... **Error! Bookmark not defined.**
 - 6.2.1 Permintakatan..... **Error! Bookmark not defined.**
 - 6.2.2 Sistem Tata Letak **Error! Bookmark not defined.**
 - 6.2.3 Gubahan Massa Bangunan.. **Error! Bookmark not defined.**
 - 6.2.4 Iklim..... **Error! Bookmark not defined.**
 - 6.2.5Sirkulasi **Error! Bookmark not defined.**
 - 6.2.6Sensory..... **Error! Bookmark not defined.**
 - 6.2.7Vegetasi..... **Error! Bookmark not defined.**
- 6.3Konsep Perancangan Bangunan... **Error! Bookmark not defined.**
 - 6.3.1 Bentuk..... **Error! Bookmark not defined.**
 - 6.3.2Sirkulasi Bangunan..... **Error! Bookmark not defined.**
 - 6.3.3Pemilihan Bahan..... **Error! Bookmark not defined.**
 - 6.3.4 Struktur dan Konstruksi **Error! Bookmark not defined.**
 - 6.3.5Konsep Interior **Error! Bookmark not defined.**
 - 6.3.6Utilitas Bangunan **Error! Bookmark not defined.**
 - 6.3.7 Perencanaan Lansekap **Error! Bookmark not defined.**

BAB VII HASIL PERANCANGAN Error! Bookmark not defined.

- 7.1Lokasi dan Tapak Proyek **Error! Bookmark not defined.**
- 7.2 Sistem Bangunan..... **Error! Bookmark not defined.**

7.2.1 Bentuk	Error! Bookmark not defined.
7.2.2 Sirkulasi	Error! Bookmark not defined.
7.2.3 Struktur dan Konstruksi	Error! Bookmark not defined.
7.2.4 Utilitas	Error! Bookmark not defined.
7.3 Gambar-gambar Detail Hasil Rancangan	Error! Bookmark not defined.
defined.	
DAFTAR PUSTAKA	Error! Bookmark not defined.
DAFTAR RIWAYAT HIDUP	Error! Bookmark not defined.

DAFTAR TABEL

Table 3.2 Kebutuhan Ruang dan Kapasitas Masjid Iqomah	Error! Bookmark not defined.
defined.	
Tabel 2.1 Permasalahan di Masjid Iqomah	Error! Bookmark not defined.
Table 3.3 Tipologi Arsitektur Hijau	Error! Bookmark not defined.
Table 4.4 Konsep Desain Masjid sesuai Tema.....	Error! Bookmark not defined.
Table 5.5 Pola Sirkulasi pada Tapak	Error! Bookmark not defined.
Table 5.6 Analisis Kebutuhan Luas Ruang	Error! Bookmark not defined.
Table 5.7 Total Keseluruhan Luas Ruang	Error! Bookmark not defined.

DAFTAR GAMBAR

- gambar 1.1 Konseptual sistem kinerja bangunan . **Error! Bookmark not defined.**
- gambar 2.2 Masjid di Ruang Shalat Utama (Liwán)**Error! Bookmark not defined.**
- gambar 2.3 Akses Difabel **Error! Bookmark not defined.**
- gambar 2.4 Contoh Tiang Pancang..... **Error! Bookmark not defined.**
- gambar 2.5 contoh middlestructure **Error! Bookmark not defined.**
- gambar 2.6 contoh upperstructure **Error! Bookmark not defined.**
- gambar 2.7 krawangan **Error! Bookmark not defined.**
- gambar 2.8 Siklus Kualitas Rainwater Harvesting (RWH)**Error! Bookmark not defined.**
- gambar 3.9 Lajam Masjid Iqomah Bandung **Error! Bookmark not defined.**
- gambar 3.10 View dari Tapak (1) timur, (2) selatan, (3) utara, (4) barat..... **Error! Bookmark not defined.**
- gambar 3.11 Masjid Salman ITB..... **Error! Bookmark not defined.**
- gambar 3.12 Interior Masjid Salman **Error! Bookmark not defined.**
- gambar 3.13Selasar Masjid Salman ITB..... **Error! Bookmark not defined.**
- gambar 3.14 Fasilitas Minum Gratis dan Pengolahan Sampah**Error! Bookmark not defined.**
- gambar 2.15 Masjid Iqomah UIN Bandung **Error! Bookmark not defined.**
- gambar 2.16 Liwan Masjid Iqomah..... **Error! Bookmark not defined.**
- gambar 2.17 Taman Masjid Iqomah Bandung **Error! Bookmark not defined.**
- gambar 2.18 Selasar Masjid Iqomah **Error! Bookmark not defined.**
- gambar 2.19 Tangga Menuju Lantai Dasar **Error! Bookmark not defined.**
- gambar 2.20 Tirai Menuju Ruang Wudhu Akhwat **Error! Bookmark not defined.**
- gambar 2.21 Bangunan Zulla di Lt.1 **Error! Bookmark not defined.**
- gambar 2.22 Zulla (Tempat Shalat Akhwat) **Error! Bookmark not defined.**
- gambar 2.23 Selasar Masjid Iqomah..... **Error! Bookmark not defined.**
- gambar 2.24 Entrance Lapang Masjid **Error! Bookmark not defined.**
- gambar 4.25 Masjid Ramah Lingkungan **Error! Bookmark not defined.**

Nuning Sri Rahayu, 2017

REDESAIN MASJID ISTIQOMAH UNIVERSITAS ISLAM NEGERI SUNAN GUNUNG DJATI BANDUNG

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

gambar 4.26 Masjid Al-Irsyad Bandung **Error! Bookmark not defined.**
gambar 4.27 Menara Masjid Al-Irsyad **Error! Bookmark not defined.**
gambar 4.28 Interior Masjid Al-Irsyad **Error! Bookmark not defined.**
gambar 4.29 Bagian barat Masjid Al-Irsyad **Error! Bookmark not defined.**
gambar 4.30 Sirkulasi pada selasar masjid..... **Error! Bookmark not defined.**
gambar 5.31 Analisis Tata Guna Lahan..... **Error! Bookmark not defined.**
gambar 5.32 Analisis Tapak dan Peraturan..... **Error! Bookmark not defined.**
gambar 5.33 Arah Angin di Ujungberung..... **Error! Bookmark not defined.**
gambar 5.34 Grafik Angin di Ujungberung **Error! Bookmark not defined.**
gambar 5.35 Sun Path Bandung **Error! Bookmark not defined.**
gambar 5.36 Arah Angin dan Arah Matahari pada Tapak**Error! Bookmark not defined.**
defined.
gambar 5.37 Pola Sirkulasi Makro Tapak..... **Error! Bookmark not defined.**
gambar 5.38 Vegetasi di sekitar Tapak..... **Error! Bookmark not defined.**
gambar 5.39 Zonasi Tapak Makro **Error! Bookmark not defined.**
gambar 5.40 Hubungan Ruang Mikro **Error! Bookmark not defined.**
gambar 5.41 Hubungan Ruang Mikro (2)..... **Error! Bookmark not defined.**
gambar 5.42 Organisasi Ruang..... **Error! Bookmark not defined.**
gambar 6.43 Konsep Tata Letak..... **Error! Bookmark not defined.**
gambar 6.44 Konsep Transformasi bentuk 1 **Error! Bookmark not defined.**
gambar 6.45 Konsep Transformasi bentuk 2 **Error! Bookmark not defined.**
gambar 6.46 Konsep Transformasi bentuk 3..... **Error! Bookmark not defined.**
gambar 6.47 Konsep Transformasi bentuk 4 **Error! Bookmark not defined.**
gambar 6.48 Alur Angin pada tapak..... **Error! Bookmark not defined.**
gambar 6.49 Angin dalam Bangunan..... **Error! Bookmark not defined.**
gambar 6.50 Pohon Palm Raja **Error! Bookmark not defined.**
gambar 6.51 Pohon Acacia..... **Error! Bookmark not defined.**
gambar 6.52 Bentuk Bangunan Masjid..... **Error! Bookmark not defined.**
gambar 6.53 Sirkulasi Tangga dan Ramp Difabel. **Error! Bookmark not defined.**
gambar 6.54 Penggunaan Krawangan untuk dinding masjid**Error! Bookmark not defined.**
defined.

gambar 6.55 Dinding Masjid sebagai Ventilasi udara**Error! Bookmark not defined.**

gambar 6.56 Lantai Parquet Masjid **Error! Bookmark not defined.**

gambar 6.57 Ornamen Dinding Masjid..... **Error! Bookmark not defined.**

gambar 6.58 Warna Cokelat Lantai, Warna Putih Bangunan Utama **Error!**

Bookmark not defined.

gambar 6.59 Contoh Tempat Wudhu **Error! Bookmark not defined.**

gambar 6.60 Bentuk Bangunan **Error! Bookmark not defined.**

gambar 6.61 Tapak Proyek **Error! Bookmark not defined.**

gambar 6.62 Bentuk Bangunan **Error! Bookmark not defined.**

gambar 6.63 Sirkulasi pada Tapak..... **Error! Bookmark not defined.**

gambar 6.64 Sirkulasi pada Tapak **Error! Bookmark not defined.**

gambar 6.65 Struktur Bangunan..... **Error! Bookmark not defined.**

gambar 6.66 Skema Aksonometri Utilitas **Error! Bookmark not defined.**

DAFTAR BAGAN

- Bagan 2.1 Struktur Organisasi Masjid Iqomah **Error! Bookmark not defined.**
- Bagan 5.2 Kegiatan Beribadah Jama'ah **Error! Bookmark not defined.**
- Bagan 5.3 Kegiatan di Perpustakaan Masjid Iqomah **Error! Bookmark not defined.**
- Bagan 5.4 Kegiatan Mahasiswa di Masjid Iqomah **Error! Bookmark not defined.**
- Bagan 5.5 Kegiatan Imam masjid Iqomah **Error! Bookmark not defined.**
- Bagan 5.6 Pelaku Penunjang **Error! Bookmark not defined.**

Nuning Sri Rahayu, 2017

REDESAIN MASJID ISTIQOMAH UNIVERSITAS ISLAM NEGERI SUNAN GUNUNG DJATI BANDUNG

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu