DAFTAR ISI

HALAMAN JUDUL

HALAMAN PERSETUJUAN ..... Error! Bookmark not defined.

HALAMAN PENGESAHAN..... Error! Bookmark not defined.

HALAMAN PERNYATAAN KEASLIAN..... Error! Bookmark not defined.

ABSTRAK ..... Error! Bookmark not defined.

ABSTRACT..... Error! Bookmark not defined.

MOTTO ..... Error! Bookmark not defined.

KATA PENGANTAR..... Error! Bookmark not defined.

DAFTAR ISI..... Error! Bookmark not defined.

DAFTAR GAMBAR..... Error! Bookmark not defined.

DAFTAR TABEL ..... Error! Bookmark not defined.

DAFTAR NOTASI ..... Error! Bookmark not defined.

BAB I PENDAHULUAN..... Error! Bookmark not defined.

1.1. Latar Belakang .....**Error! Bookmark not defined.**

1.2. Rumusan Masalah.....**Error! Bookmark not defined.**

1.3. Tujuan Penelitian .....**Error! Bookmark not defined.**

1.4. Batasan Masalah .....**Error! Bookmark not defined.**

1.5. Manfaat Penelitian .....**Error! Bookmark not defined.**

BAB II TINJAUAN PUSTAKA..... Error! Bookmark not defined.

2.1. Umum.....**Error! Bookmark not defined.**

2.2. Tanah.....**Error! Bookmark not defined.**

2.3. Penyelidikan Tanah (*Soil Investigation*) .....**Error! Bookmark not defined.**

2.3.1. Parameter Mekanis Tanah .....**Error! Bookmark not defined.**

2.3.2. Klasifikasi Penyelidikan Tanah.....**Error! Bookmark not defined.**

2.4. Jenis Fondasi.....**Error! Bookmark not defined.**

2.4.1. Fondasi Dangkal.....**Error! Bookmark not defined.**

2.4.2. Fondasi Dalam .....**Error! Bookmark not defined.**

2.5. Fondasi Tiang Bor (*Bored Pile*) .....**Error! Bookmark not defined.**

2.6. Metode Pelaksanaan Fondasi Tiang Bor (*Bored Pile*) .. **Error! Bookmark not defined.**

2.7. Pembebanan Yang Diterima Fondasi Tiang Bor (*Bored Pile*) ..... **Error! Bookmark not defined.**

2.8. Kapasitas Daya Dukung Aksial Tiang Tunggal Fondasi *Bored Pile* Berdasarkan Data Tanah.....**Error! Bookmark not defined.**

2.8.1. Kapasitas Daya Dukung Aksial Berdasarkan Hasil Uji Penetrasi Kerucut (*Cone Penetration Test/CPT*) .....**Error! Bookmark not defined.**

2.8.2. Kapasitas Daya Dukung Aksial Berdasarkan Hasil Uji Penetrasi Standar (*Standart Penetration Test/SPT*) .....**Error! Bookmark not defined.**

2.8.3. Kapasitas Daya Dukung Izin Fondasi Tiang Bor (*Bored Pile*) ... **Error! Bookmark not defined.**

2.9. Kapasitas Daya Dukung Tiang Kelompok.....**Error! Bookmark not defined.**

2.10. Penurunan Tiang Fondasi Tiang Bor/*Bored Pile* (*Settlement*) ..... **Error! Bookmark not defined.**

2.11. Penelitian Terdahulu.....**Error! Bookmark not defined.**

2.12. Kerangka Pemikiran.....**Error! Bookmark not defined.**

BAB III METODOLOGI PENELITIAN ..... Error! Bookmark not defined.

3.1. Pendekatan Penelitian .....**Error! Bookmark not defined.**

3.2. Objek dan Lokasi Penelitian .....**Error! Bookmark not defined.**

3.3. Tahapan Penelitian .....**Error! Bookmark not defined.**

3.3.1. Studi Literatur .....**Error! Bookmark not defined.**

3.3.2. Metode Pengumpulan Data .....**Error! Bookmark not defined.**

3.3.3. Pengolahan Data.....**Error! Bookmark not defined.**

3.3.4. Tahap Evaluasi dan Pembahasan.....**Error! Bookmark not defined.**

3.4. Diagram Alir Penelitian .....**Error! Bookmark not defined.**

BAB IV HASIL DAN PEMBAHASAN..... Error! Bookmark not defined.

4.1. Tinjauan Umum .....**Error! Bookmark not defined.**

4.2. Perhitungan Kombinasi Pembebanan Dasar ...**Error! Bookmark not defined.**

4.2.1. Berat Beban Mati Sendiri Struktur (MS) ..... **Error! Bookmark not defined.**

4.2.2. Berat Beban Mati Tambahan Struktur (MA)..... **Error! Bookmark not defined.**

4.2.3. Beban Pejalan Kaki (TP)..... **Error! Bookmark not defined.**

4.2.4. Beban Tekanan Tanah Lateral (T_A) ..... **Error! Bookmark not defined.**

4.2.5. Beban Yang Bekerja ..... **Error! Bookmark not defined.**

4.3. Perhitungan Daya Dukung Aksial Fondasi *Bored Pile* Berdasarkan Data Uji Penetrasi Kerucut (CPT) ..... **Error! Bookmark not defined.**

4.3.1. Perhitungan menggunakan metode *Meyerhoff* (1956 & 1976) ... **Error! Bookmark not defined.**

4.3.2. Perhitungan menggunakan metode *Price & Wardle* (1982) ..... **Error! Bookmark not defined.**

4.4. Perhitungan Daya Dukung Aksial Fondasi *Bored Pile* Berdasarkan Data Uji Penetrasi Standar (N-SPT) ..... **Error! Bookmark not defined.**

4.4.1. Perhitungan menggunakan metode *Meyerhoff* (1956 & 1976) ... **Error! Bookmark not defined.**

4.4.2. Perhitungan menggunakan metode *O'Neil dan Reese* (1989) .... **Error! Bookmark not defined.**

4.5. Perhitungan Penurunan Tiang Fondasi Tiang Bor/*Bored Pile* (*Settlement*) Pada Data CPT & N-SPT ..... **Error! Bookmark not defined.**

4.5.1. Perhitungan Penurunan Fondasi *Bored Pile* Pada Data CPT dan N-SPT Metode *Empiris Vesic* (1977) ..... **Error! Bookmark not defined.**

4.5.2. Perhitungan Penurunan Fondasi *Bored Pile* Pada Data CPT dan N-SPT Metode *Semi Empiris Vesic* (1977) .....**Error! Bookmark not defined.**

BAB V KESIMPULAN DAN SARAN ..... Error! Bookmark not defined.

5.1. Kesimpulan .....**Error! Bookmark not defined.**

5.2. Saran.....**Error! Bookmark not defined.**

DAFTAR PUSTAKA..... Error! Bookmark not defined.

LAMPIRAN..... Error! Bookmark not defined.