

ការវាយតម្លៃហានិភ័យបរិស្ថាន និង សង្គម ក្នុងគម្រោងសាងសង់ និង ប្រតិបត្តិការ



ENVIRONMENT CO., LTD.

ឈ្មោះគម្រោង: ការសាងសង់ និង ប្រតិបត្តិការ

ទីតាំង: ក្រុង

PROJECT

ប្រភេទគម្រោង: ការសាងសង់ និង ប្រតិបត្តិការ

LOCATION

ទីតាំងគម្រោង: ក្រុង

OWNER

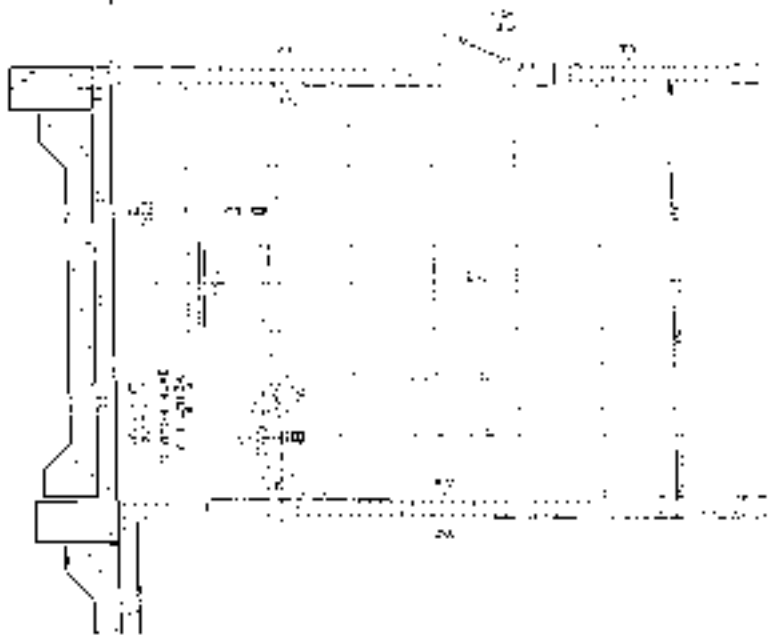
ឈ្មោះអ្នកកាន់កាប់: ក្រុមហ៊ុន

DESIGNER

ឈ្មោះអ្នកធាតុញ្ជូន: ក្រុមហ៊ុន

CONSULTANT

ឈ្មោះអ្នកប្រឹក្សា: ក្រុមហ៊ុន



Site plan

Scale

Figure 3-1: Site plan

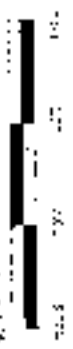


Figure 3-2: Cross-section

A-14 033

1. INTRODUCTION

The purpose of this report is to provide a detailed analysis of the structural behavior of the proposed building under various loading conditions. The report is organized as follows:

1. Introduction
2. Structural Analysis
3. Design of Members
4. Foundation Design
5. Conclusion

The structural analysis is performed using the finite element method (FEM) to determine the internal forces and moments in the structure. The design of members is based on the American Institute of Steel Construction (AISC) specifications. The foundation design is based on the ACI 318-11 code of practice for concrete and steel reinforcement.

The report is intended for the use of the structural engineer and the architect. It provides a comprehensive overview of the structural design process and the results of the analysis and design.

The following table provides a summary of the key data used in the analysis and design.

Parameter	Value	Unit
Concrete Strength (f'_c)	4000	psi
Steel Yield Strength (F_y)	50	ksi
Modulus of Elasticity (E)	29,000	ksi
Dead Load (D)	10	psf
Live Load (L)	20	psf
Wind Load (W)	15	psf
Seismic Load (S)	0.1	g

The following table provides a summary of the key data used in the analysis and design.

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- The report is intended for the use of the structural engineer and the architect.
- It provides a comprehensive overview of the structural design process and the results of the analysis and design.



ARCHITECTS

CONSULTING - DALLAS, TEXAS

PROJECT:

Structural Analysis and Design of a Multi-Story Office Building

Location: Dallas, Texas

Client: ABC Corporation

Design Engineer: John Doe

Date: 10/26/2023

Scale: 1/4" = 1'-0"

Notes: See also S-01 for general notes.

Revisions: None

Drawn By: John Doe

Checked By: Jane Smith

Approved By: [Signature]

Project Number: 2023-001

Sheet Number: S-01

Total Sheets: 03

Project Name: ABC Office Building

Project Address: 123 Main St, Dallas, TX 75201

Project Phone: (214) 555-1234

Project Email: info@abc.com

Project Website: www.abc.com

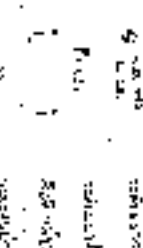
Project Social Media: @abc_corp

Project LinkedIn: abc_corp

Project Facebook: abc_corp

Project Instagram: abc_corp

Project Twitter: abc_corp

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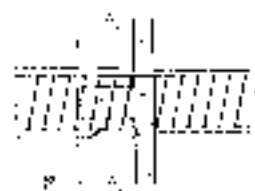
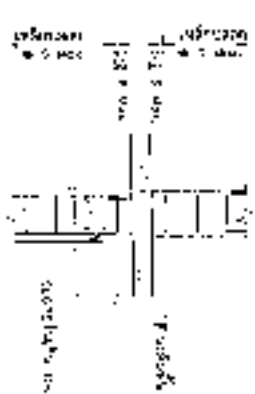
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1. *Informationen zu Ausländern*: Nach Art. 10 des Grundgesetzes ist die Erhebung von Daten über die Herkunft, die ethnische Zugehörigkeit, die Rasse, über die sonstigen politischen, wirtschaftlichen, sozialen, kulturellen oder religiösen Anschauungen der Bürger untersagt. Eine Ausnahme ist vorgesehen für die Statistik, die in der Statistikgesetzgebung vorgesehen ist.

[illegible]
$$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = - \frac{\partial L}{\partial x}$$
$$r_{\text{eff}} = \frac{1}{2} \left(\frac{1}{r_1} + \frac{1}{r_2} \right)^{-1}$$

$$\frac{d^2 \psi}{dx^2} + \frac{2m(E - V(x))}{\hbar^2} \psi = 0$$

50:00 -- 51:00 -- 52:00

[illegible]

INDEPENDENT CO., LTD

DATE: 02-08-2004
TIME: 11:00 AM

[illegible]

CABLE:

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

Figure 1

1. *Introduction*

XXXXX

$$\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix} = \frac{1}{\sqrt{2}} \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$

1. *Myrica carolinensis* L.

SECRET

[illegible]

6-02 02:5

$$\frac{y}{z} = \frac{x}{x+y+z}$$
[illegible]



DEVELOPMENT CO., LTD

PRO-LET.

โครงการ / Project
บ้านเดี่ยว 30 ปี
บริเวณ 30 ปี

LOCATION

พื้นที่
ใช้ประโยชน์
รวม 30 ปี

พื้นที่
ใช้ประโยชน์
รวม 30 ปี

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รวม 30 ปี

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ใช้ประโยชน์
รวม 30 ปี

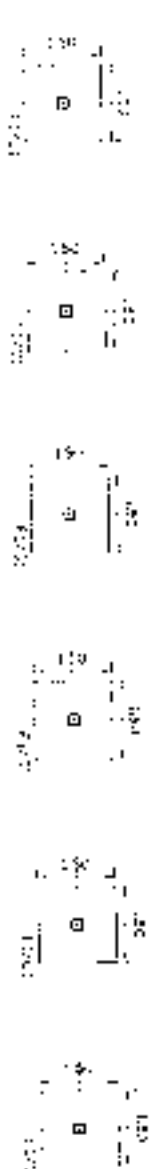
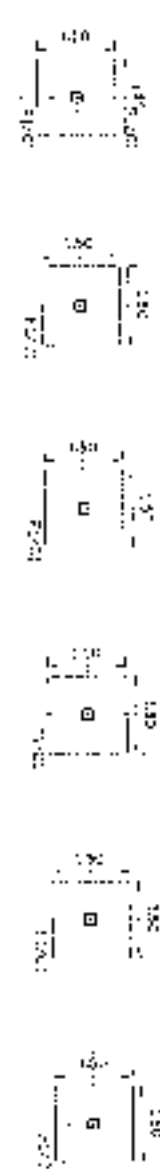
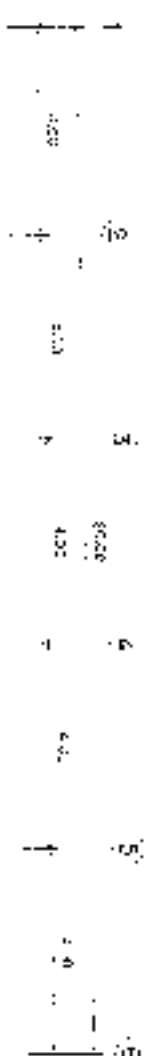
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รวม 30 ปี



พื้นที่
ใช้ประโยชน์
รวม 30 ปี





ARCHITECT

DEVELOPER: C.J.L.T.

PROJECT:

Development of a new building
structure in the area of
the existing building

LOCATION:

Building structure
is located in the area of
the existing building

OWNER:

Development of a new building
structure in the area of
the existing building

DESIGNER:

Development of a new building
structure in the area of
the existing building

DATE:

Development of a new building
structure in the area of
the existing building

REVISION:

Development of a new building
structure in the area of
the existing building

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Development of a new building
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REVISION:

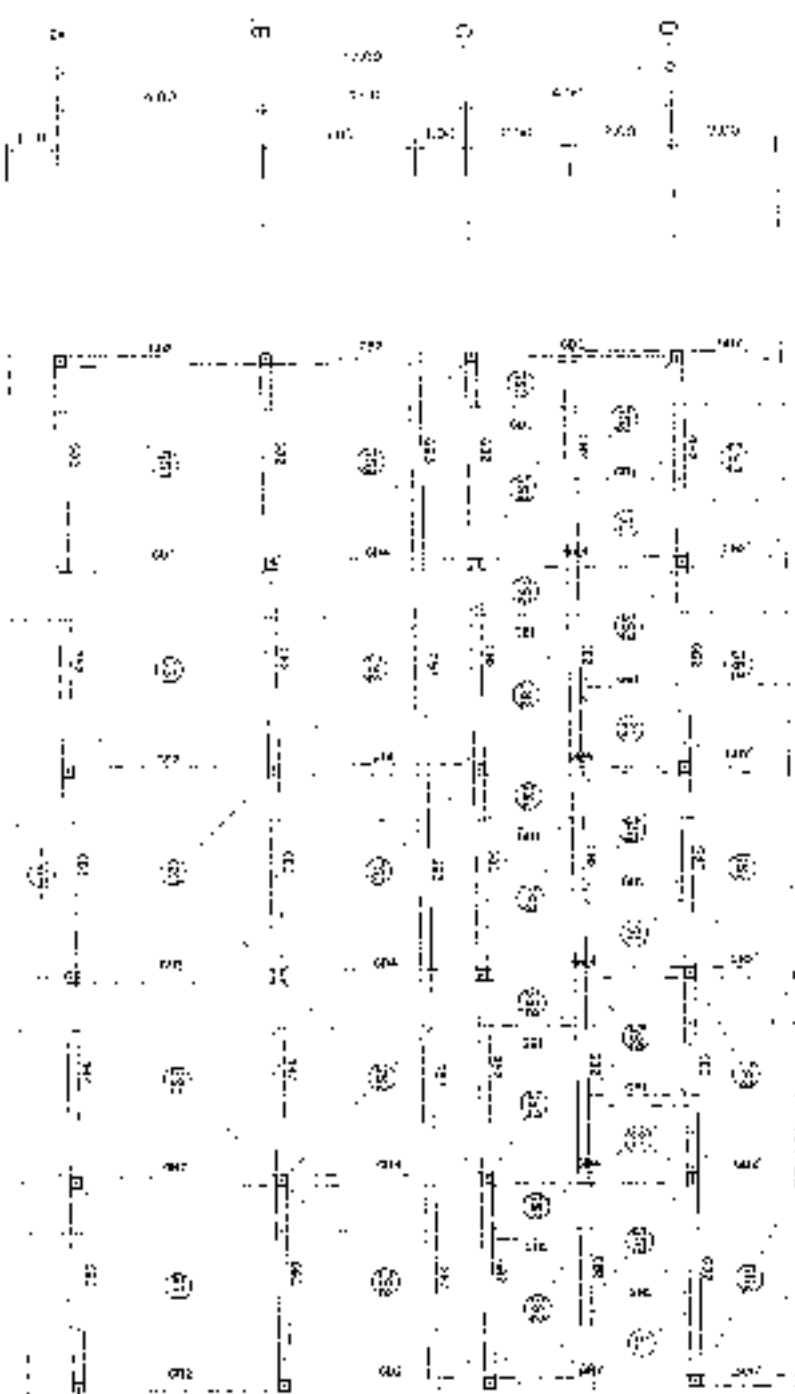
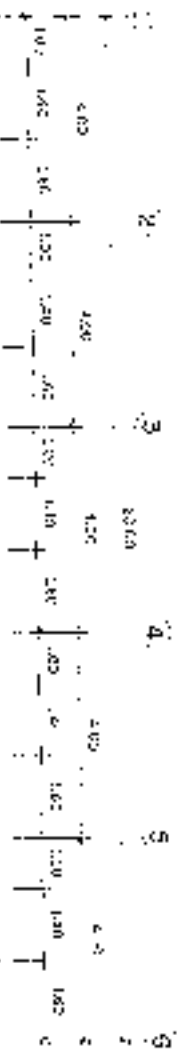
Development of a new building
structure in the area of
the existing building

REVISION:

Development of a new building
structure in the area of
the existing building

REVISION:

Development of a new building
structure in the area of
the existing building



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SPECIFIED

2-05 033



DEVELOPMENT UNIT, INC.

PROJECT:

Substation 1 & 2
various on project

DATE: 04

PROJECT
SUBSTATION 1 & 2
various on project

OWNER:

Substation 1 & 2
various on project

OWNER:

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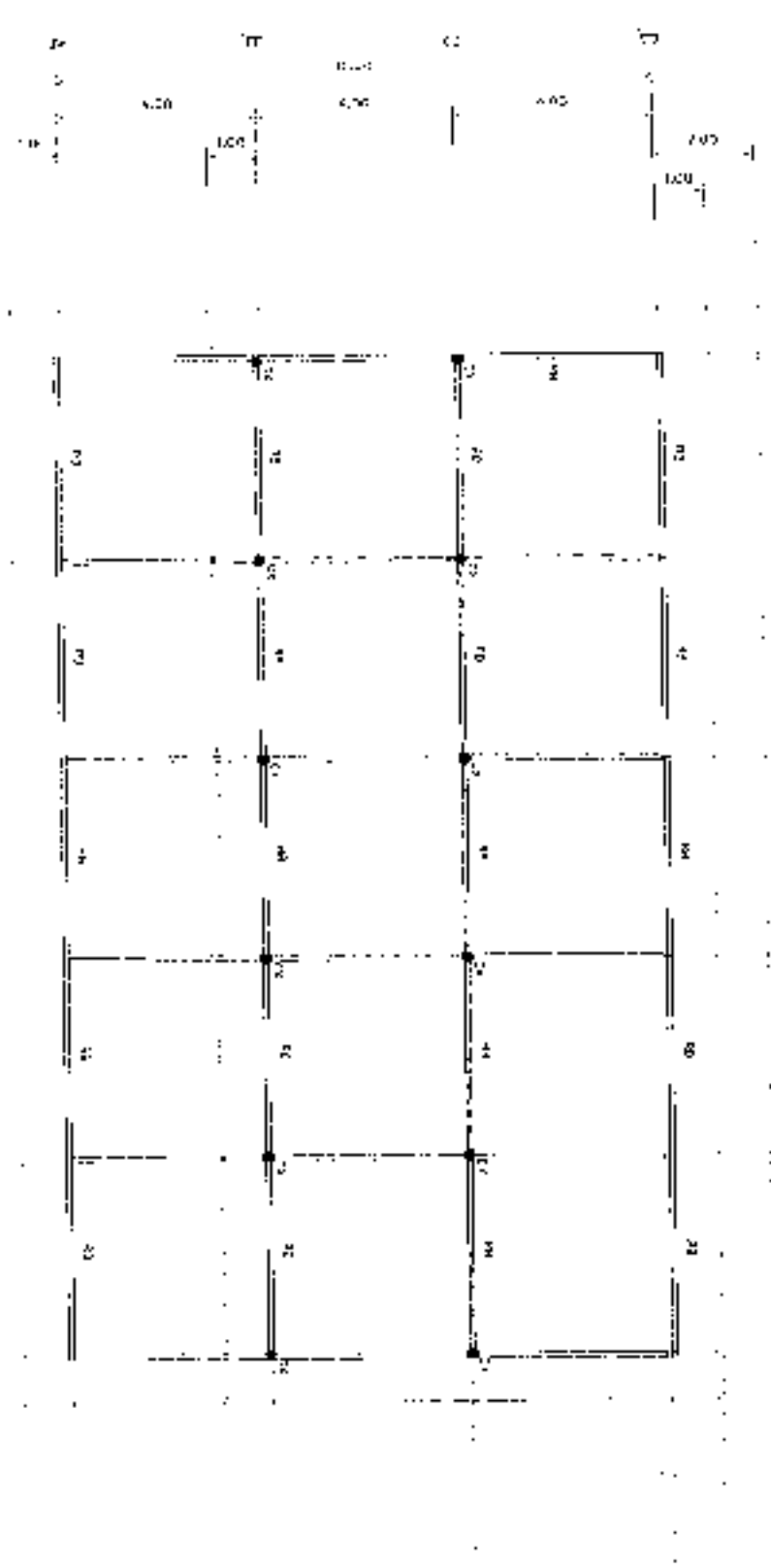
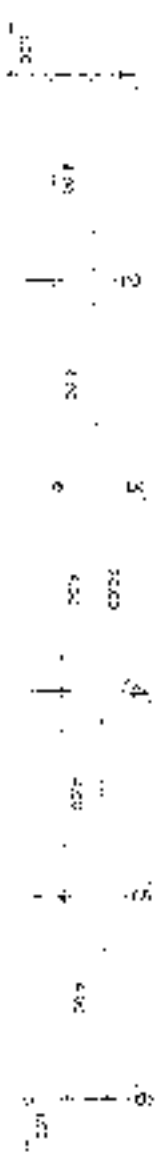
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