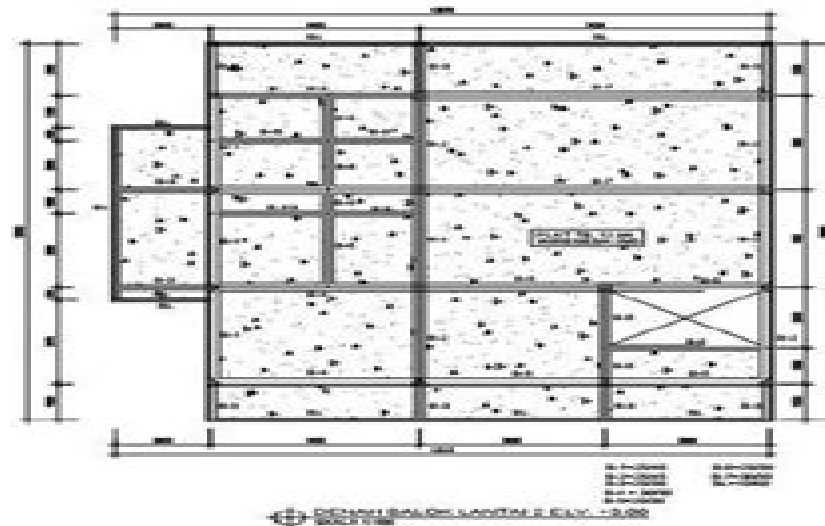


B. PERHITUNGAN PLAT LANTAI

PENULANGAN PLAT TYPE A (7.425 X 3.9 M)



Data - data

tebal plat	0,12	m	
tebal spesi	2	cm	
tebal tegel	2	cm	
beban plafond + penggantung	18	kg/m ²	beban guna 250 kg/m ²

Beban mati

spesi	= 2 x 21	=	42
keramik	= 2 x 24	=	48
plafond + penggantung		=	18
DD		=	108 kg/m ²

Beban hidup

guna		=	250
		=	250 kg/m ²

Beban berfaktor

D = 1,2 x 108 + 1,6 x 250	=	529,6 kg/m ²
---------------------------	---	-------------------------

Statika

q	529,6 kg/m ²
lx	7,43 m
ly	3,90 m
ly/lx	0,53

Perhitungan Plat Lantai Secara Manual

Barie Danu Hartono



Perhitungan Plat Lantai Secara Manual:

Perhitungan Struktur Beton Bertulang Gedung Sekolah 7 Lantai di Kota Pontianak Barie Danu Hartono, 2019-10-02 Buku yang membahas perhitungan struktur beton gedung sekolah dengan menggunakan standar SNI 1726 2012 SNI 2847 2013 dan SNI 1727 2013 *Inovasi dan Desain Pangkalan Apung : Memperkuat Pertahanan dan Keamanan Maritim Indonesia I* Nengah Putra A, Muhammad Ali, Agus Adriyanto, Jupriyanto, Afpriyanto, 2025-04-26 Indonesia sebagai negara kepulauan terbesar di dunia menghadapi tantangan besar dalam menjaga kedaulatan maritimnya Buku ini mengupas secara mendalam inovasi dan desain pangkalan apung sebagai solusi strategis untuk memperkuat pertahanan dan keamanan laut nusantara Pangkalan apung yang dirancang untuk fleksibilitas mobilitas dan daya tahan tidak hanya menjadi fasilitas logistik modern tetapi juga pusat kendali operasional yang adaptif terhadap berbagai ancaman maritim Dengan pendekatan multidisiplin buku ini membahas aspek teknologi desain dan pengelolaan pangkalan apung mulai dari pemanfaatan energi terbarukan integrasi teknologi komunikasi canggih hingga optimalisasi sistem pertahanan berbasis kecerdasan buatan Buku ini membahas peran strategis pangkalan apung dalam memperkuat pertahanan dan keamanan maritim Indonesia Dengan fleksibilitas dan mobilitas tinggi pangkalan apung menjadi solusi inovatif untuk menjaga kedaulatan wilayah laut di tengah tantangan global Buku ini menawarkan panduan bagi pembuat kebijakan dan praktisi dalam memanfaatkan inovasi kelautan untuk meningkatkan daya tangkal dan pengelolaan sumber daya maritim Indonesia Contoh desain bangunan tahan gempa dengan sistem rangka pemikul momen khusus dan sistem dinding struktur khusus di Jakarta Bambang Budiono, 2017 Earthquake resistant design and construction of housing in Jakarta **Dasar-dasar Beton Bertulang** Tony Hartono Bagio, Tavo, Dewasa ini pemanfaatan beton sebagai bahan bangunan semakin masif digunakan Selain karena keterjangkauan harganya perawatan beton pun dirasa tidak merepotkan Untuk alasan inilah penulis telah menyusun buku literatur beton dengan judul Dasar dasar Beton Bertulang berdasarkan SNI Beton Terbaru SNI 2847 2013 dilengkapi contoh soal dan aplikasinya Secara umum buku ini membahas tentang perencanaan lentur komponen beton bertulang seperti balok dan plat Semoga kehadiran buku ini dapat bermanfaat bagi para perekayasa khususnya dalam praktik perencanaan maupun pelaksanaan di lapangan Selamat membaca *Dasar-2 Konstruksi Jl. 1* , **Apl Rekayasa konstruksi Vb6.0+cd** ,

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1. Understanding the eBook Perhitungan Plat Lantai Secara Manual
 - The Rise of Digital Reading Perhitungan Plat Lantai Secara Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Perhitungan Plat Lantai Secara Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Perhitungan Plat Lantai Secara Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Perhitungan Plat Lantai Secara Manual
 - Personalized Recommendations
 - Perhitungan Plat Lantai Secara Manual User Reviews and Ratings
 - Perhitungan Plat Lantai Secara Manual and Bestseller Lists

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 - Perhitungan Plat Lantai Secara Manual Public Domain eBooks
 - Perhitungan Plat Lantai Secara Manual eBook Subscription Services
 - Perhitungan Plat Lantai Secara Manual Budget-Friendly Options
6. Navigating Perhitungan Plat Lantai Secara Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Perhitungan Plat Lantai Secara Manual Compatibility with Devices
 - Perhitungan Plat Lantai Secara Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Perhitungan Plat Lantai Secara Manual
 - Highlighting and Note-Taking Perhitungan Plat Lantai Secara Manual
 - Interactive Elements Perhitungan Plat Lantai Secara Manual
8. Staying Engaged with Perhitungan Plat Lantai Secara Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Perhitungan Plat Lantai Secara Manual
9. Balancing eBooks and Physical Books Perhitungan Plat Lantai Secara Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Perhitungan Plat Lantai Secara Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Perhitungan Plat Lantai Secara Manual
 - Setting Reading Goals Perhitungan Plat Lantai Secara Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Perhitungan Plat Lantai Secara Manual
 - Fact-Checking eBook Content of Perhitungan Plat Lantai Secara Manual
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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