

BS 536 STUDIES ON TALL BUILDINGS: DESIGN CONSIDERATIONS Spring 2016-2017

> Case Study: Merdeka PNB 118 Damlanur İlipinar

Submitted to: Assoc.Prof.Dr. Mehmet Halis Günel Assist.Prof.Dr. Bekir Özer Ay



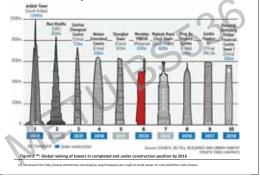




ase Study: Merdeka PNB 118 by Damlanur İlipinar submitted to: Günel, Ay - Spring 2017 GENERAL INFORMATIONS Official Name: Merdeka PNB 118 [3] Other Names: Heritage of Independence, KL118 Tower, Menar Warisan Merdeka, PNB Headquarters. (3) Location: Kuala Lumpur, Malaysia 281 Height to tip/architectural: 644 m. [3] Height Occupied: 500 m. [3] Floors Above Ground: 118 [3] Aspect Ratio: 6,7 Structural System: Outriggered Frame System Structural Material: Composite[4] Architecture: Fender Katsalidis Architects [3] Structural Engineer: Leslie E. Robertson Associates; Robert Bird Group & ARUP [3] Building Function: Hotel/ Office [3]

Status: Under Construction (by 2017) [3 Proposed: 2010 .Construction Start/End: 2014/2020

City/ Regional/ Global Ranking: 1- 2- 3 (by 2017) [3] [2] Fender nd., 2016. Merdeka PNB118 Case Study: Adding Value to the Growing City



World's 10 tallest buildings





Figure 3c : Location of tall structures in the city  $^{[\epsilon]}$ 



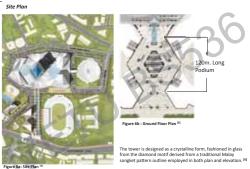
mentions an iconic tower what exactly does it mean? What is it makes a tower iconic? www.sources.gementons an coolic tower, what exactly does it mean? What is it makes a tower Lonic?

The delay? The aboy? The stop of hostop that less behind the development? Perhaps, in this case, it may be all of those those \$10 - 100

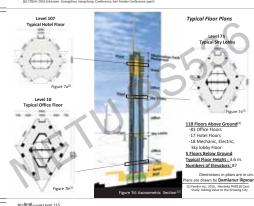
[2] Fender nd., 2016, Merdeka PNB118 Case Study: Adding Value to the Growing City [6] CTBUH 2016 Schenzen, Guangzhou. Hong Kong, Conference, Karl Fender Conference speech

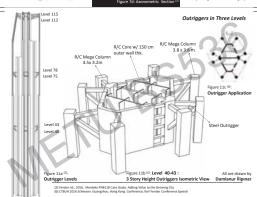


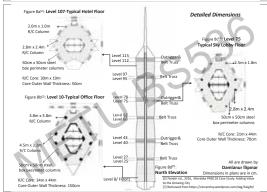
[6] CTBUH 2016 Schenzen. Guangzhou. Hong Kong. Conference, Karl Fender Conference spech

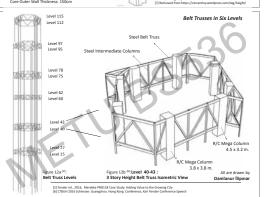


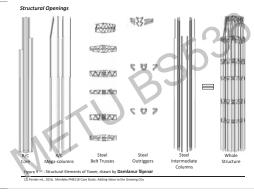
[6] CTBUH 2016 Schenzen. Guangzhou. Hong Kong. Conference, Karl Fender Conference speech

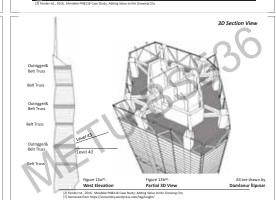


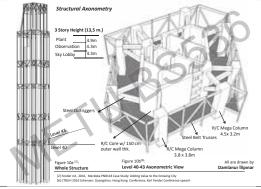


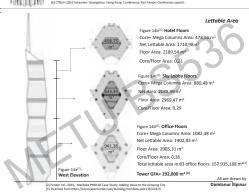












## Construction Photo

## Reference List

- 2- Fender nd., 2016, Merdeka PNB118 Case Study: Adding Value to the Growing City
- 3- https://skyscrapercenter.com/building/merdeka-pnb118/10115
- 5- http://www.straitstimes.com/asia/se-asia/malaysian-pm-najib-to-build-tower-to-rival-mah
- 6-CTBUH 2016 Schenzen. Guangzhou. Hong Kong Conference, Karl Fender Conference sp 7- https://wincentlov.wordpress.com/tag/height/
- 8-http://www.skyscrapercity.com/showthread.php?t=956606&page=199





