

## ABSTRAK

Ansell Samuel Julianto (01022170002)

### **PERANCANGAN *OPEN-PLAN CO-WORKING SPACE* MELALUI PENDEKATAN *THRESHOLD* TERKAIT PROTOKOL COVID-19**

(xvii + 105 halaman; 141 gambar; 7 tabel; 31 lampiran)

Kebijakan *Work From Home* (WFH) yang diterapkan selama pandemi COVID-19 menuntut suatu cara bekerja yang lebih fleksibel, dimana dalam salah satu pendekatannya perusahaan dapat mendesentralisasikan kantor pusat ke *co-working space* sebagai solusi terkait isu produktivitas, efisiensi biaya, serta kolaborasi. Namun konsep *open-plan* pada *co-working space* minim akan batasan spasial yang justru dibutuhkan dalam upaya pencegahan penyebaran virus COVID-19. Bidang arsitektur memperkenalkan konsep *threshold* sebagai batasan dalam ruang kerja *open-plan* yang diharapkan mampu menghadirkan komponen atau elemen terkait pencegahan penyebaran virus COVID-19. Dengan demikian, penelitian ini bertujuan untuk menghasilkan perancangan tempat kerja yang aman dan nyaman dalam bentuk *open-plan co-working space* sebagai pendekatan konsep desentralisasi kantor pusat terkait fenomena COVID-19.

Penelitian ini dilakukan dengan menggunakan metode studi literatur dan studi kasus. Studi literatur dilakukan untuk mempelajari karakteristik ruang kerja *open-plan co-working space*, protokol kesehatan COVID-19 pada ruang kerja, serta teori desain *threshold space*. Analisis studi kasus yang dilakukan terhadap WeWork *co-working space* Menara Astra dan Revenue Tower menghasilkan strategi perancangan ruang kerja *open-plan co-working space* melalui pendekatan *threshold* yang terbagi dalam dua skala perancangan. Skala perancangan makro berfokus mendefinisikan batas antar zona ruang kerja, sedangkan skala perancangan mikro berfokus mendefinisikan ruang jarak aman seluas radius putar setidaknya satu meter untuk setiap individu terkait protokol COVID-19 pada ruang kerja.

Proses perancangan dimulai dengan pemilihan lokasi dan analisis tapak yang didasarkan pada konsep desentralisasi kantor pusat dan kapasitas bangunan *open-plan co-working space* terkait protokol COVID-19. Konsep desentralisasi diangkat sebagai konsep desain untuk mendukung peran *threshold* dalam perancangan tempat kerja *open-plan co-working space* yang aman dan nyaman terkait fenomena COVID-19.

Referensi : 34 (2004-2021).

Kata kunci : *Threshold, Co-working Space, Open-plan Office, Physical Distancing, Desentralisasi*

## **ABSTRACT**

*Ansell Samuel Julianto (01022170002)*

***OPEN-PLAN CO-WORKING SPACE DESIGN THROUGH THE THRESHOLD THEORY APPROACH RELATED TO COVID-19 PROTOCOL***  
*(xvii + 105 pages: 141 images; 7 tables; 31 attachments)*

*The Work From Home (WFH) policy which had implemented during the COVID-19 pandemic, demands a more flexible way of working. In which one of the answers, companies can decentralize their headquarters to a co-working space as a solution to issues of productivity, cost efficiency, and collaboration. However, the open-plan concept in co-working spaces had known for its minimal spatial boundaries which are precisely what is needed to prevent the spread of the COVID-19 virus. The architectural field introduces the concept of a threshold as a boundary which is expected to be able to present components or elements related to preventing the spread of the COVID-19 virus in an open-plan workspace. Hence, this study aims to produce a safe and comfortable workplace design in the form of an open-plan co-working space as an approach to the headquarter decentralization concept related to the COVID-19 phenomenon.*

*This research had conducted using literature study methods and case studies. Literature studies had conducted to learn the characteristics of an open-plan co-working space, the COVID-19 workplace health and safety policy, and the threshold space design theory. The case study analysis which had been conducted on the WeWork co-working space of Menara Astra and Revenue Tower results in a strategy for designing an open-plan co-working space through a threshold approach divided into two design scales. The macro design scale focuses on defining the boundaries between workspace zones, while the micro design scale focuses on defining a safe distance space covering a turning radius of at least one meter for each individual regarding the COVID-19 protocol in the workspace.*

*The design process begins with site selection and site analysis based on the concept of headquarter decentralization and the capacity of the open-plan co-working space building related to the COVID-19 protocol. The concept of decentralization was adopted as a design concept to support the threshold role in designing a safe and comfortable open-plan co-working space related to the COVID-19 phenomenon.*

*Reference : 34 (2004-2021).*

*Keywords : Threshold, Co-working Space, Open-plan Office, Physical Distancing, Decentralization*