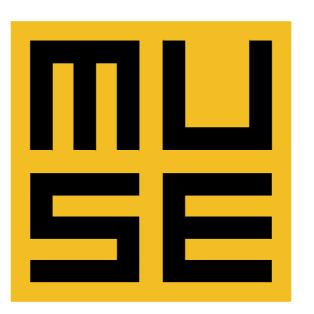


MUSE OFFICE PROJECT

2™ Menuetului Street, Bucharest, Romania

www.primavera-development.ro

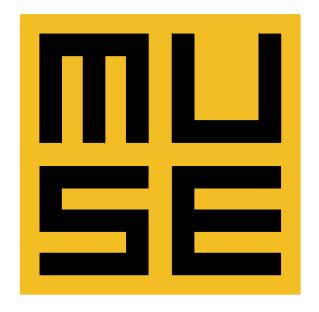




GETTING READY FOR OFFICE RE-ENTRY



Return to the office with ready-to-use spatial solutions and carefully conceived planning approaches.





OBJECTIVES

The design and layout of spaces can, for example, encourage interaction or stimulate creativity. Furthermore, the physical office can convery a strong cultural message to employees and visitors about the organization's identity or brand. By setting clear and explicit objectives, all stakeholders involved will have similar expectations concerning the new office concept.



ENHANCE PRODUCTIVITY

The most important objective is also the most difficult one: to enhance productivity. The term productivity refers to the fine balance between the total occupancy costs of a workplace and its contribution to employee performance. Basically it is about improving staff output against fewer costs. Although reducing costs is often the prevailing paradigm, there is a growing case for providing an effective work environment to improve employee performance.

The work environment should match the activities that need to be carried out. Different work processes tend to require different types of work space. For example, head-down work will call for a relatively distraction-free environment, in which people are not diverted by workplace chatter and telephone calls, while interactive processes may work well in environments that are buzzing with activity.

RELEVANT CONSIDERATIONS

- What are the key factors most likely to enhance productivity?
- What are the differences between individual, departmental and organizational productivity?



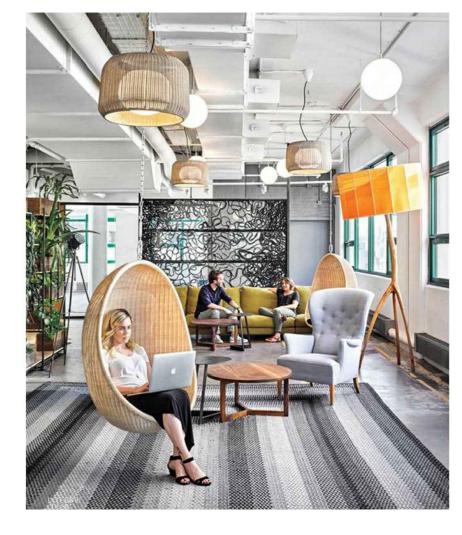
REDUCE COSTS

Cost reduction is a major objective in many projects. Accommodation is expensive and not always used as efficiently as it could be. On average, workstations in office buildings are physically occupied only 50 to 60 percent of the time, while they represent major costs for leasing, cooling, maintaining and cleaning the space needed.

Cost savings should, however, always be seen in relation to employee performance. While the running cost of an office building represents a mere 10 to 20 per cent of total operating expenses, it is still relatively low compared to employee costs. This means that efficient use of space is important; but even more important is creating an environment where people can work effectively.

RELEVANT CONSIDERATIONS

- What is the need for cost reduction?
- What are the options to reduce floor area per workstation?
- How can frequency and costs of internal moves be reduced?



SUPORT CULTURAL CHANGE

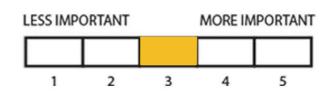
Many organizations spend a great deal of money and energy on rethinking and changing their corporate culture. Changing a culture, however, is one of the most difficult managerial tasks. Culture is by definition deeply rooted and therefore difficult to transform. Office design, however, can be a powerful tool or 'change agent' in this process.

Changes in the layout and design of the work environment intended to support cultural change should, however, go hand in hand with changes in management style and working practices. As an organization you need to consider carefully what sort of culture you wish to create and what the real identity of the organization is.

RELEVANT CONSIDERATIONS

- What type of message should the office convey to both staff and visitors?
- To what extent is that desired message in line with the existing culture?
- How is the new office related to a wider programme of cultural change?
- What are the key words associated with the new office (e.g. dynamic, innovative, sober, cosy, welcoming)?











ATTRACT & RETAIN STAFF

For almost any organization, attracting good quality staff and retaining highly-skilled personnel is critical. This can be done by providing meaningful work, promising career prospects and attractive financial compensation; but the physical work environment can also play an important role. Providing employees with comfortable, attractive surroundings tells them that they are valued by management and helps to make a good impression on job applicants.

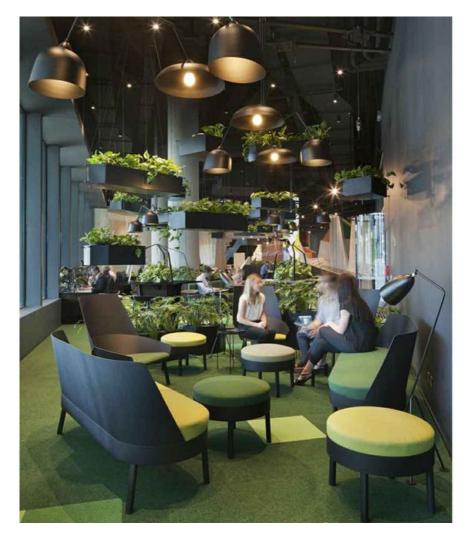
Certain employees might attach particular importance to privacy and personal space, whereas others might place more value on, for example, the availability of coffee bars or reading rooms. The freedom to work wherever and whenever also tends to be highly valued by employees.



EXPRESS THE BAND

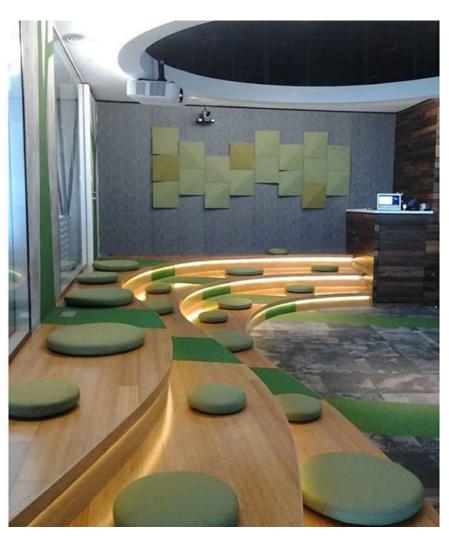
Branding is about creating a particular image or perception of the organization and its products or services among customers or other strategic stakeholders. Traditionally, branding is the responsibility of marketing departments and strongly focused on logos, packaging, websites and advertisements. But, as stated previously, the physical work environment can also be used to convey a particular message or identity, working as a showcase or three-dimensional business card to the outside world.

A common means to brand the office environment is the incorporation of 'brand visuals' (logos, slogans and company colours) in the fit-out of the building. In addition, there are also more subtle ways to express a company's brand. For example, a company that wishes to brand itself as very innovative may choose an office concept that is equipped with state-ofthe-art technology, funky brainstorming rooms and generous circulation spaces for informal communication.



ENVIRONMENTAL IMPACT

Office buildings have a large impact on the environment as they require a lot of raw materials to build and even more natural resources to run. Next to transport and travel, buildings are the largest consumer of energy and therefore a significant contributor to the emission of greenhouse gases. Furthermore, the operation of office buildings requires large amounts of water and leads to a lot of waste. The choice of office concept — in particular the footprint of workstations and whether or not they are to be shared — has a considerable influence on the environmental impact of an office building. Small footprints and the flexible use of workstations lead not only to a reduction in space requirements, but also need fewer materials and less maintenance, less heating and cooling, less lighting and cleaning.



STIMULATE CREATIVITY

Creativity is rapidly gaining in importance to both organizational and individual work processes. Many businesses aim to excel through their capacity for continuous innovation, for which creativity is essential. Again, the layout and design of the work environment can play a crucial role, creating spaces that stimulate spontaneous exchange of ideas, but also secluded areas for individual thinking.

Generally, creative work is characterized by being both highly cognitive and highly social. Creative workers need a combination of frequent interaction with peers and intense, focused concentration. Such work might require workshop-like open spaces or a mix of individual workplaces and informal meeting spaces.

RELEVANT CONSIDERATIONS

- How important is the physical work environment to them?
- What types of work environment are successfully used by competitors?

RELEVANT CONSIDERATIONS

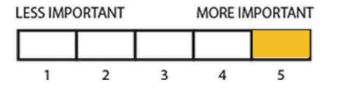
- Does the organization have an explicit branding strategy?
- What message should the office convey to employees and visitors (eg. integrity and confidentiality, creativity and freedom, etc.)?

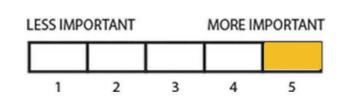
RELEVANT CONSIDERATIONS

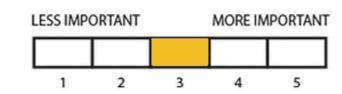
- What are the options to reduce the carbon footprint of the office?
- What are the options to reduce the consumption of raw materials?

RELEVANT CONSIDERATIONS

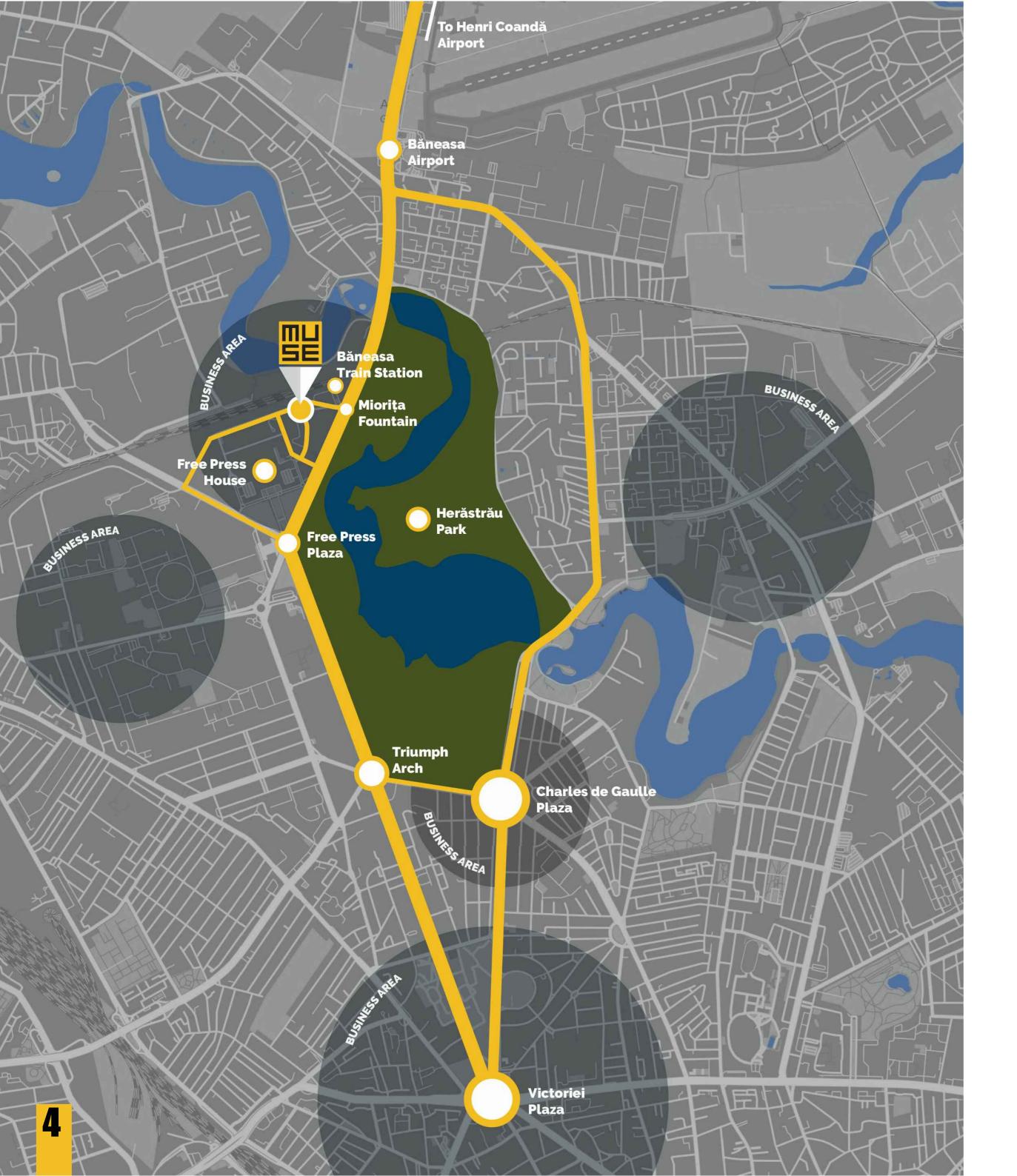
- What type of creativity should the office stimulate?
- To what extent should creativity be stimulated (i.e. an entirely creative work environment or a limited number of creative spaces such as brainstorming rooms)?





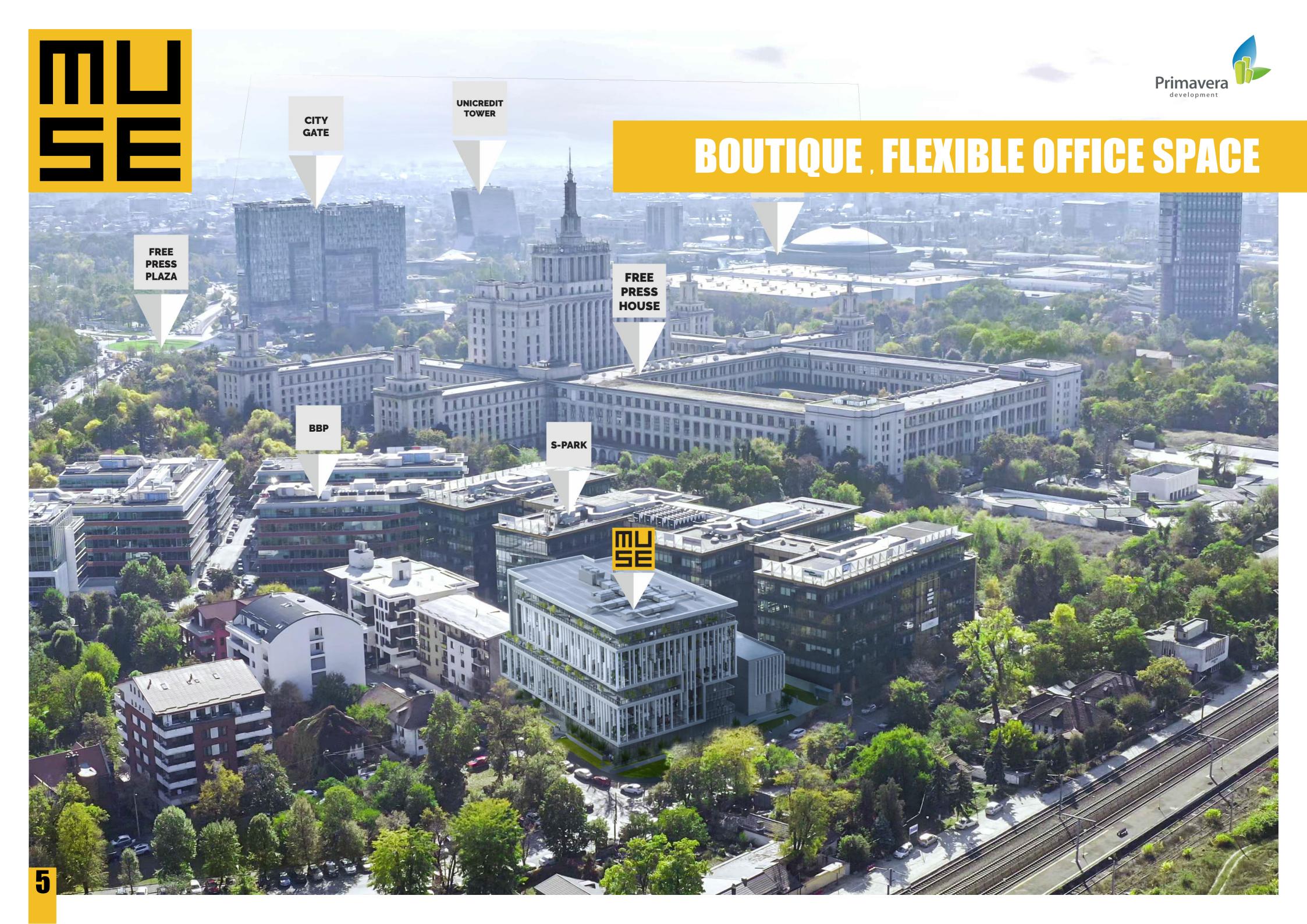




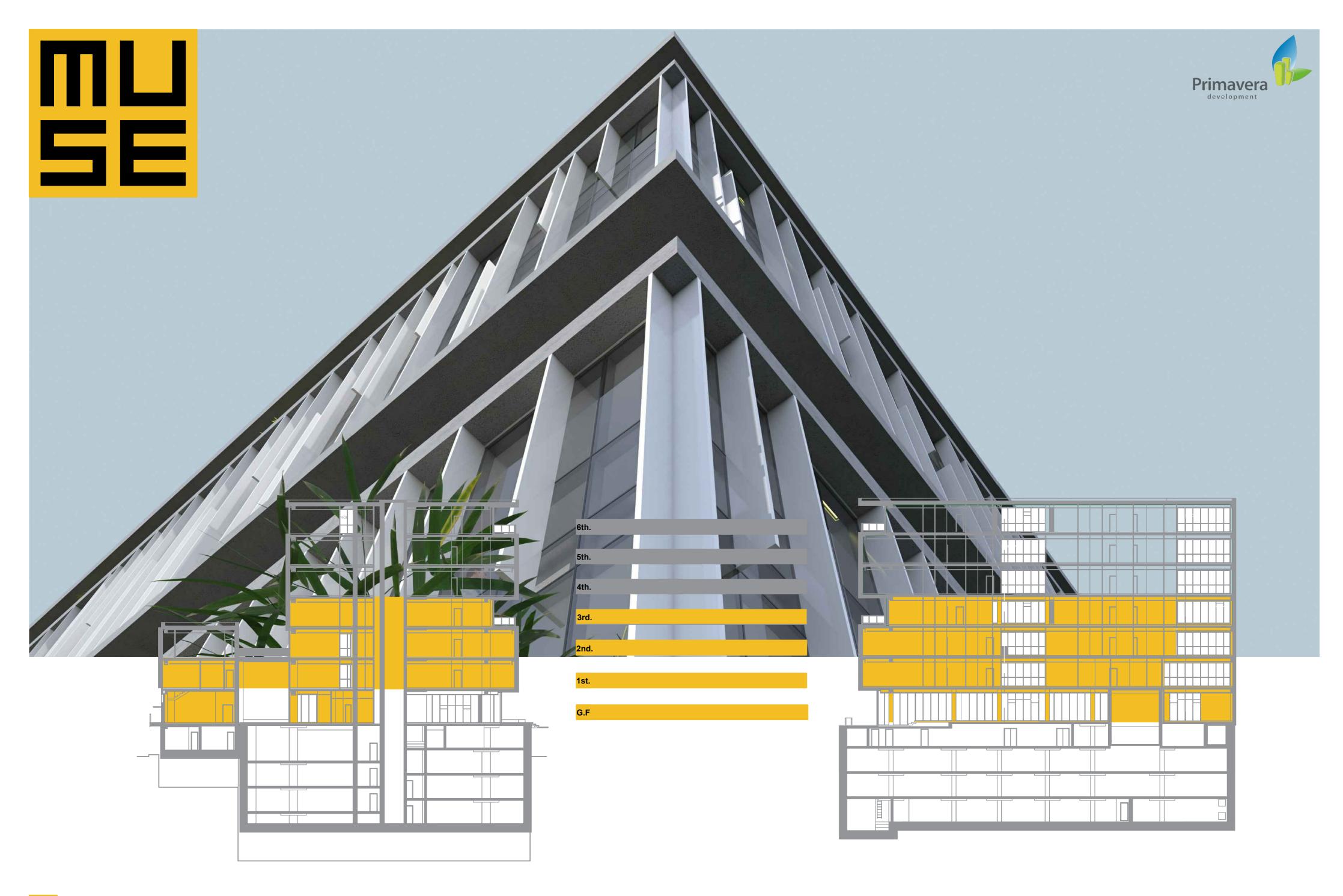


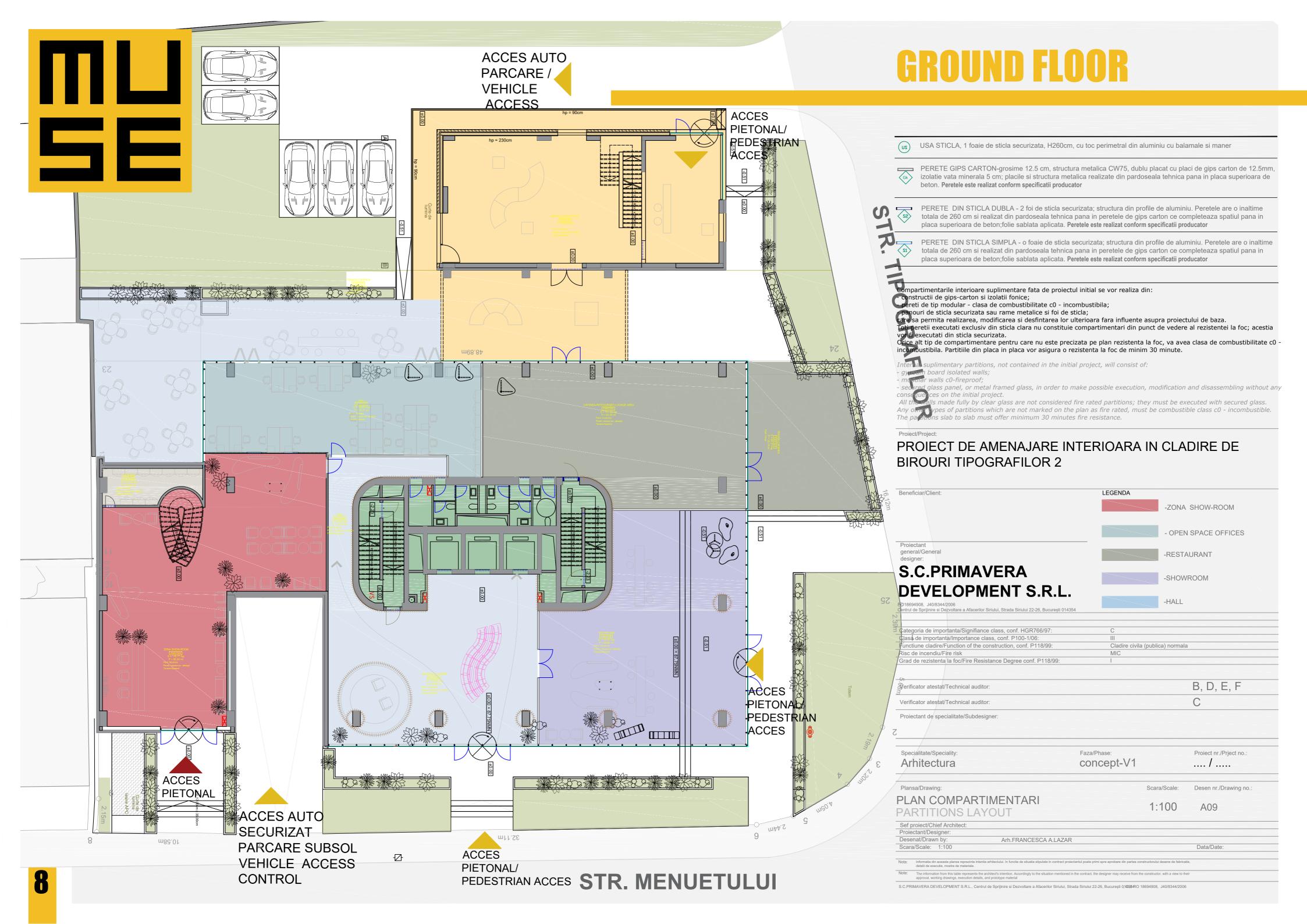














1 ST. FLOOR





-SOFT WORK AREA -LOUNGE AREA

-CAFETERIA -BREAKOUT ROOMS

-METTING ROOM AREAS

-PHONE BOOTHS AREA

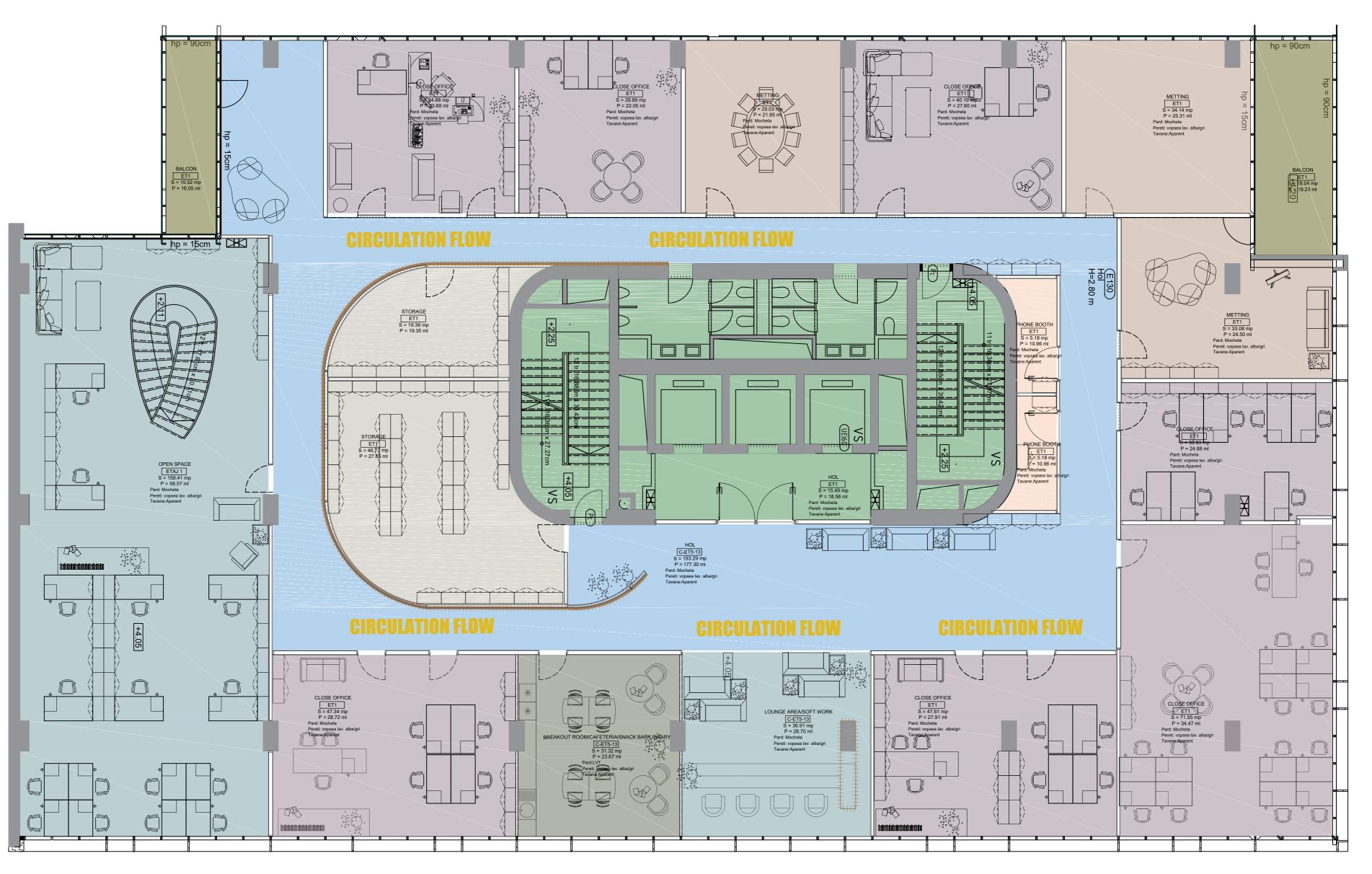
-HALI

-OFFICE AREA-MT/MD/HR

-SERVER/STORAGE ROOM

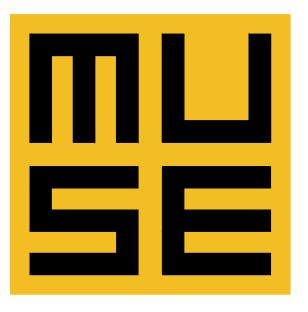
-TERRACE

-CORE +TOILET











-SOFT WORK AREA -LOUNGE AREA

-CAFETERIA -BREAKOUT ROOMS

-METTING ROOM AREAS

-PHONE BOOTHS AREA

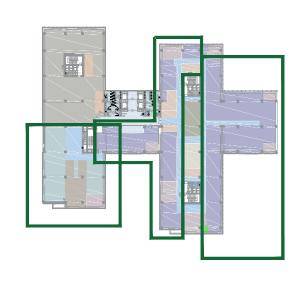
-HAL

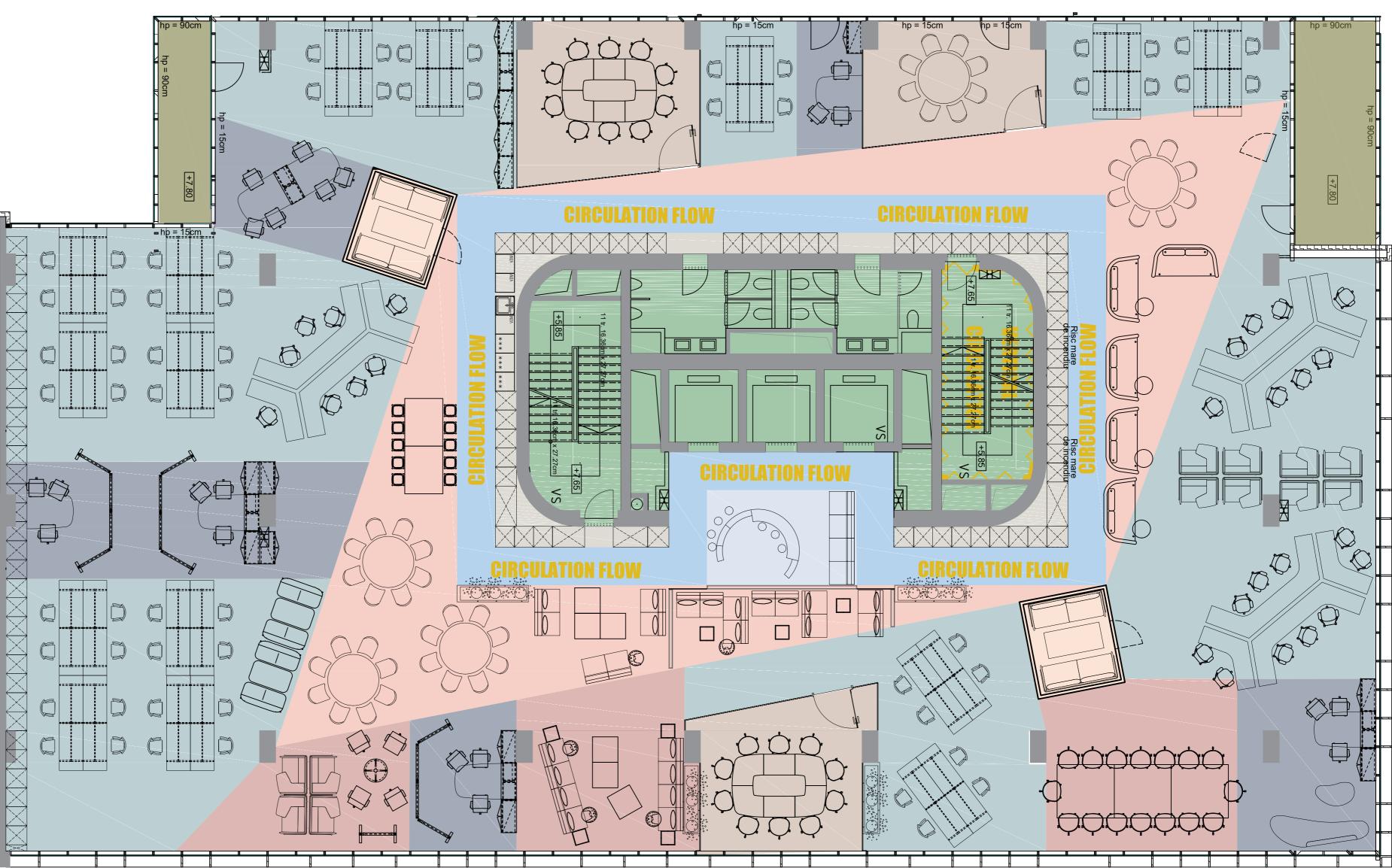
-OFFICE AREA-MT/MD/HR

-RECEPTION AREA

-TERRACE

-CORE +TOILET









-OPEN SPACE OFFICES

-SOFT WORK AREA -LOUNGE AREA

-CAFETERIA -BREAKOUT ROOMS

-METTING ROOM AREAS

-PHONE BOOTHS AREA

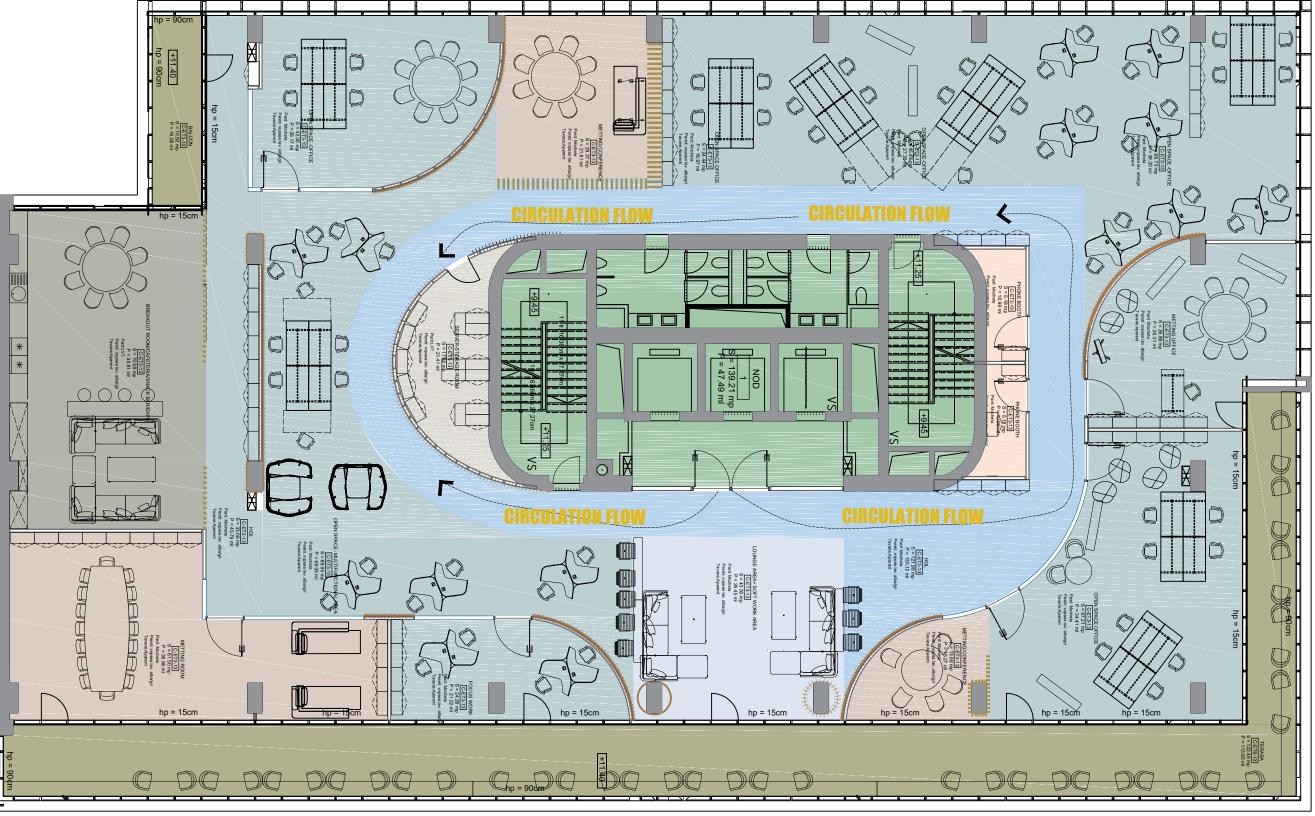
-HALL

-OFFICE AREA-MT/MD/HR

-RECEPTION AREA

-TERRACE

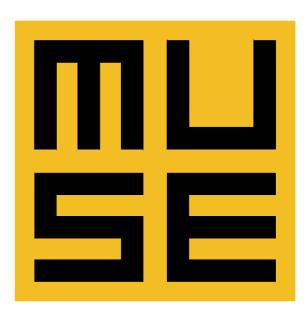
-CORE +TOILET

























WORKSPACE



TOUCH DOWN



An open work space for one person; suitable for short-term activities which require little concentration and low interaction.

CONSIDERATIONS

STUDY BOOTH

Min 6 sq m per workstation

Often designed to be used while standing, instead of sitting, underlining the short-term characterof its use.



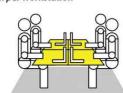
Primavera

ADVANTAGES/ DISADVANTAGES

- + Efficient utilization of space when frequently occupied
- + High degree of spatial flexibility (i.e. relatively easy to add to existing layout) - Only suitable for a limited range of office activities
- Lack of acoustic and visual privacy

OPEN OFFICE

Min 6 sq m per workstation





An open workspace for more than ten people, suitable for activities which demand frequent communication or routine activities which need relatively little concentration.

CONSIDERATIONS

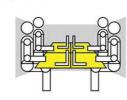
Pay extra attention to acoustics (i. e. sound-absorbing materials, acoustic ceilings, sound masking).

ADVANTAGES/ **DISADVANTAGES**

- + Efficient utilization of space
- + Ability to increase density by adding extra desks
- Limited acoustic and visual privacy
- No possibilities for individual climate control

TEAM SPACE

Min 6 sq m per workstation





A semi-enclosed work space for two to eight people; suitable for teamwork which demands frequent internal communication and a medium level of concentration.

CONSIDERATIONS

Carefully choose the height of partitions: low partitions add to openness, high partitions add to visual privacy.

ADVANTAGES/ DISADVANTAGES

- + Efficient utilization of space
- + Relatively flexible because medium-high partitions are easier to move than ceiling-high partitions
- Limited acoustic and visual privacy - No possibilities for individual climate

Min 6 sq m per workstation

CUBICLE





A semi-enclosed workspace for one person, suitable for activities which demand medium concentration and medium interaction.

CONSIDERATIONS

A protocol for distracting activities, such as speaking on the telephone is recommended. Cubicles have a relatively negative image among users.

ADVANTAGES/ DISADVANTAGES

- + Efficient utilization of space
- + Relatively flexible because medium-high partitions are easier to move than ceiling-high partitions
- Limited acoustic and visual privacy - Not very suitable for work requiring confidentiality

ADVANTAGES/

meetings.

+ Provides acoustic and visual privacy + Very suitable for work requiring confidentiality

DISADVANTAGES

CONSIDERATIONS

An enclosed work space for one person,

suitable for activities which are

confidential, demand a lot of

concentration or include many small

Using transparent partitions reduces the

closed character of private offices and

brings more daylight into the building.

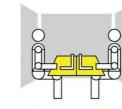
PRIVATE OFFICE

Min 9 sq m per workstation

- Relatively expensive because enclosed offices demand more space and require - Quite expensive because of the space enclosing walls
- Inflexible since ceiling-high partitions cannot easily be moved

SHARED OFFICE

Min 6 sq m per workstation





An enclosed workspace for two or three people, suitable for semi-concentrated work and collaborative work in small

CONSIDERATIONS

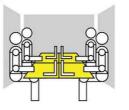
Best shared by people having a similar working pattern and attitude to work.

ADVANTAGES/ DISADVANTAGES

- + Provides a reasonable amount of privacy and confidentiality among the room's users
- + Fairly good possibilities for individual climate control
- necessity and the enclosing walls - Inflexible since ceiling-high partitions
- cannot easily be moved

TEAM ROOM

Min 6 sq m per workstation





An enclosed workspace for four to ten people; suitable for teamwork which may be confidential and demands frequent internal communication.

CONSIDERATIONS

Balancing the required levels of concentration and interaction can be problematic.

ADVANTAGES/ DISADVANTAGES

- + Provides a certain amount of privacy and confidentiality as well as team interaction
- + Team setting stimulates free flow of knowledge and workplace learning within teams
- Floor-to-ceiling partitions negatively impact the cost efficiency and flexibility - Danger of unpredictable utilization rates



An enclosed work space for one person; suitable for short-term activities which demand concentration or confidentiality.

CONSIDERATIONS

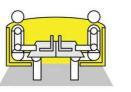
Careful planning is necessary to coordinate the demand of study booths (utilization rates vary strongly per organization).

ADVANTAGES/ DISADVANTAGES

- + Efficient utilization of space when frequently occupied
- + Provides a lot of privacy and confidentiality - Difficult to guarantee availability when not used on a non-bookable basis
- Protocols for use are recommended, e.g a booking system to avoid queuing

WORK LOUNGE

Min 4 sq m. per workstation





A lounge-like workspace for two to six people; suitable for short-term activities which demand collaboration and/or allow impromptu interaction.

CONSIDERATIONS

Attractive design is likely to increase the utilization rate.

ADVANTAGES/ **DISADVANTAGES**

- + Efficient utilization of space when frequently occupied
- + Can act as overflow space for peak periods of high occupancy - Limited privacy and confidentiality (i.e.
- noise and interruptions from adjacent spaces)
- Fully adjustable lounge furniture can be rather expensive













MEETING SPACES

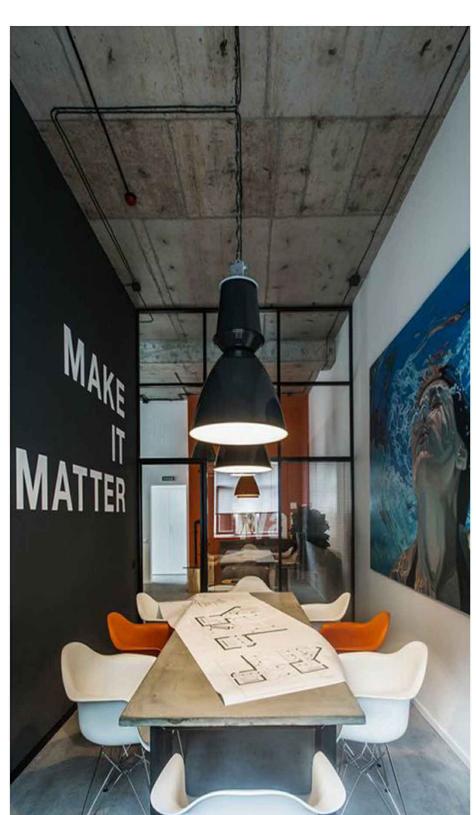












SMALL MEETING ROOM

Min 2 sq m per person





An enclosed meeting space for two to four persons, suitable for both formal and informal interaction.

CONSIDERATIONS

The use of transparent walls can cause visual distraction when located near busy circulation routes.

ADVANTAGES/ DISADVANTAGES

- + Size suits majority of scheduled meetings and confidential discussions
- +Can be used as bookable workstation (e.g. study booth) when not used for meetings
- When used on a 'first come, first served' basis, availability cannot be guaranteed
 Due to its small size, not very suitable for presentations that require a data projector

LARGE MEETING ROOM

Min 2 sq m per person





An enclosed meeting space for five to twelve people, suitable for formal interaction.

CONSIDERATIONS

The use of transparent walls can cause visual distraction when located near busy circulation routes.

ADVANTAGES/ DISADVANTAGES

- + Can be converted to smaller rooms when folding walls are used + Can also be used as a brainstorming
- room when properly equipped

 Needs rules for use and policy for no-shows
- Utilization tends to be high at certain times only (i.e. between 10am and 11 am and between 3pm and 4pm)

SMALL MEETING SPACE

Min 1.5 sq m per person





An open or semi-open meeting space for two to four persons; suitable for short, informal interaction.

CONSIDERATIONS

Medium-high partitions or curtains create visual privacy.

ADVANTAGES/ DISADVANTAGES

- + Size suits majority of ad hoc meetings and non-confidential discussions
- + Encourages informal meetings and networking since there is no need to book in advance
- Due to its informal use, availability cannot be guaranteed
- Noise can be distracting to adjacent staff

LARGE MEETING SPACE

Min 1.5 sq m per person





An open or semi-open meeting space for five to twelve people; suitable for short, informal interaction.

CONSIDERATIONS

Utilization rate largely dependent on location and finishing.

ADVANTAGES/ DISADVANTAGES

- + Encourages informal meetings and networking (i.e. people passing by can easily join meetings)
- + Can be used as informal workstation (e.g. touch down) or waiting area when not used for meetings
- Noise can be distracting to adjacent staffLack of privacy and confidentiality

BRAINSTORMING ROOM

Min 3 sq m per person





An enclosed meeting space for five to twelve persons; suitable for brainstorming sessions and workshops.

CONSIDERATIONS

Extra space and the use of flexible furniture enables users to make different meeting configurations (theatre, cabaret, horseshoe) for different types of meetings.

ADVANTAGES/ DISADVANTAGES

- + Can also be used as a large meeting room when properly equipped
- + Can stimulate creativity and innovation
 Danger of unpredictable utilization rates

MEETING POINT

Min 1 sq m per person





An open meeting point for two to four persons; suitable for ad-hoc, informal meetings.

CONSIDERATIONS

Design and quality of furniture positively impacts the utilization rate.

ADVANTAGES/ DISADVANTAGES

- + Facilitates chance encounters and impromptu meetings
- + Can be used as a waiting area for visitors
 Utilization largely dependent on location and finishing
- Limited privacy and confidentiality



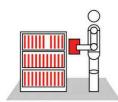


SUPORT

SPACES

FILING SPACE

Min 1 sq m per filing cabinet



An open or enclosed support space for the storage of frequently used files and documents.

CONSIDERATIONS

The need for ffling space is directly related to the discussion about the digitalization of work processes and exible working.

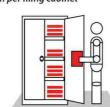
ADVANTAGES/ DISADVANTAGES

- + Can be used as space divider and act as noise bu'er (when higher than one-and-a-half metres (5 ft.) and fftted with acoustic properties such as perforations in backpanels and front doors)
- +Space e cient when clearance area overlaps with secondary circulation space
- Filing spaces are rather 'unproductive' square metres of costly o' ce space with no other function than the storage of ffles and documents
- The use of high cabinets can block sight lines and access to daylight



STORAGE SPACE

Min 1 sq m per filing cabinet



An open or enclosed support space for the storage of commonly used office

CONSIDERATIONS

Make someone responsible for managing the stock of o' ce supplies.

ADVANTAGES/ **DISADVANTAGES**

- + Centralized storage space reduces the amount of o' ce supplies in personal desk pedestals
- +Space e cient when clearance area overlaps with secondary circulation space +E cient utilization of space when
- combined with print and copy area and mail area to form a central 'service point' Storage spaces are rather 'unproductive' square metres of costly o' ce space with no other
- function than the storage of o ce supplies Danger of being used for the storage of just anything

to internal heat load, and may emit toxic particles - Possible issues with tidiness and resolved by passwords)

Min 6 sq m per copier

An open or enclosed support space

with facilities for printing, scanning and

With increasingly mature IT solutions

such as e-books and digital ink, printers

are likely to become obsolete at some

discourage unnecessary paper usage

combined with storage space and mail

- Printers and copiers produce noise, add

area to form a central 'service point'

CONSIDERATIONS

ADVANTAGES/

DISADVANTAGES

PRINT© AREA **MAIL AREA**

Min. one per floor / department



An open or semi-open support space where employees can pick up or deliver their personal mail.

CONSIDERATIONS

With increasingly mature IT solutions and central scanning facilities, physical mail is rapidly becoming obsolete.

ADVANTAGES/ **DISADVANTAGES**

- + Centralized mail areas contribute to more + Centralized print and copy areas diminish the need for personal printers and e cient mail logistics
 - + Space e cient when clearance area overlaps with secondary circulation space
- + Space e cient when clearance area overlaps with secondary circulation space + E cient utilization of space when + E cient utilization of space when combined with storage space and print
 - and copy area to form a central 'service point' Mailboxes are rather 'unproductive' square metres of costly o' ce space with no other function than the temporary storage of mail

LIBRARY

Min 1 sq m per book cabinet plus 3 sq m per study



A semi-open or enclosed support space for reading of books, journals and magazines.

CONSIDERATIONS

Libraries are becoming increasingly obsolete with on-line availability of books and journals.

ADVANTAGES/ DISADVANTAGES

- + Provides a quiet place for activities requiring concentration, away from open workstations
- + E cient utilization of space when designed to be multifunctional
- Danger of low utilization rates, depending on the culture and work style of the organization

PANTRY AREA

Min 1.5 sq m per per vending machine + 1 sqm per



An open or enclosed support space where people can get coffee and tea as well as soft drinks and snacks.

CONSIDERATIONS

Level of luxury can vary from standard co' ee machine to complete espresso barand can be varied throughout the o ce to provide di' erent levels of attractiveness.

ADVANTAGES/ **DISADVANTAGES**

- + Takes personal co' ee-makers away from the work (oor
- networking +Space e cient when combined with break area

+ Encourages informal interaction and

- Can cause distraction and disruption to adjacent sta' when designed as an open
- Issues with tidiness (can be resolved by protocols and additional cleaning)

GAMES ROOM

Sizes vary and depend on the games facilitated and the number of people participating



An enclosed support space where employees can play games (e.g. computer games, pool, darts).

CONSIDERATIONS

May ask for special attention to soundprooffing.

ADVANTAGES/ **DISADVANTAGES**

- + Provides a chance to relax and play, to take a sociable break during pressurized workdays, helping to reduce stress-related complaints
- + Can positively a' ect sta' morale - Game rooms might be considered
- 'unproductive' sqm of costly o' ce space Danger of low utilization, depending on the
- culture and work style of the organization

BREAK AREA

Min 2 sq m per filing cabinet per seat



A semi-open or enclosed support space where employees can take a break from their work.

CONSIDERATIONS

Fit-out can vary from basic quality to high quality with comfortable seats and designer furniture.

ADVANTAGES/ DISADVANTAGES

- + Provides a place for people to relax and
- unwind, away from their workstations + Can cause distraction and disruption to adjacent sta' when designed as an open space
- Issues with tidiness (can be resolved by protocols and additional cleaning)
- Danger of low utilization when taking breaks is seen as 'not done'

WAITING AREA

Min. 2 sq m per seat



An open or semi-open support space wait for their appointment.

CONSIDERATIONS

Provision of multimedia, wireless Internet access and/or magazines can make a waiting area more attractive and functional.

ADVANTAGES/ **DISADVANTAGES**

- + Provides a dedicated place for visitors to wait, keeping them from lingering on the o ce oor
- + Can help visitors to feel welcome
- + Can be used for branding, giving visitors a ffirst impression of the organization
- Waiting areas are rather 'unproductive' square metres of costly o' ce space

LOCKER AREA

Min. one per department/floor



An open or semi-open support space where employees can store their personal belongings.

CONSIDERATIONS

Locker spaces can vary from rather space-consuming 'garages', where employees store their trolleys, to small 'pigeonholes', where they can store a single briefcase.

ADVANTAGES/ **DISADVANTAGES**

- +Facilitates , exible and mobile working and enables sta' to travel light
- +Space e cient when clearance area overlaps with secondary circulation - for room ventilation
- -Danger of low utilization when people have few personal belongings and bring their own briefcase to work



where visitors can be received and can

CONSIDERATIONS

major functions.

Avoid dark, long and empty corridors. Try to create a 'street': lively spaces with tra' c, views and encounters.

Support space which is required for

circulation on office floors, linking all

CIRCULATION SPACE

Min. width 1.2 m

Primavera

ADVANTAGES/ **DISADVANTAGES**

- + Connects functions and spaces that are otherwise isolated
- Badly designed circulation spaces are rather 'unproductive' square metres of costly o' ce space
- Busy tra c routes, and corridors where people tend to gather, can cause distraction and disruption to adjacent stat

SMOKING ROOM

Min 1.2 sq m per smoker



An enclosed support space where employees can smoke a cigarette.

CONSIDERATIONS

Smoking rooms are increasingly banned from o ce buildings (in some countries they are prohibited).

ADVANTAGES/ **DISADVANTAGES**

- + Takes smokers (and thei reigarette stubs) away from the entrance of the building
- + Requires additional technical installations Issues with tidiness and the smell of
- cigarette smoke Does not encourage smokers to kick their habit

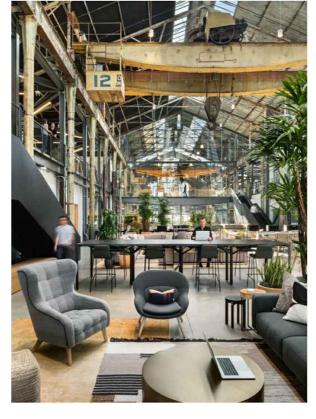


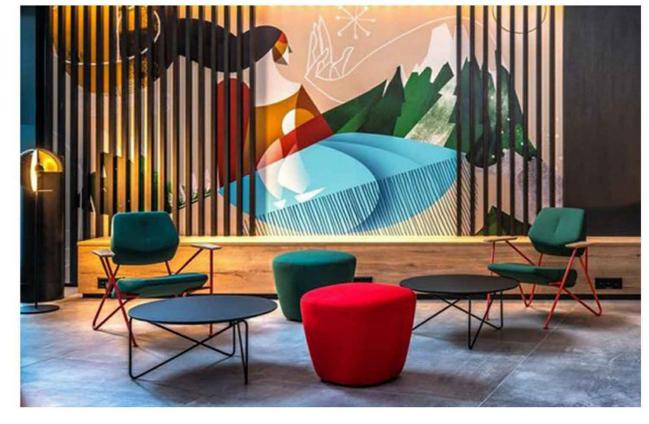




IMPLEMENTATION









ANALYZE

As this publication intends to show, there is an overwhelming number of possibilities in office design. There are few absolutes and every organization is unique in its needs and ambitions. For example, the perfect environment for a design studio would not work for a law firm and vice versa. Therefore, the first step in developing an office concept is making a thorough analysis of the organization that has to be accommodated.

TOOLS

- •On-line employee surveys
- Interviews with employees
- Observation studies

COMMUNICATE

To create awareness and harness engagement among employees, clear communication from the start of a project is essential. The future users of a new office concept should know why, when and how their work environment will change. This helps to avoid confusion and/or misleading expectations.

TOOLS

- Presentations
- Newsletters
- Mock-ups
- Exhibitions with drawings/models of the new office

INVOLVE

Office design is not an autonomous process that should be driven by experts only. Involving end-users in the process ensuresthat solutions will be usable and meet the needs of the organization. A crucial side effect of user involvement is that users are likely to see the concept as 'theirs' when they have been involved in the development process.

TOOLS

- Workshops and brainstorming sessions
- •The creation of 'focus groups' that review design solutions
- Excursions with users to other projects (to provide them with inspiration and alternative insights)

INTEGRATE

The development and implementation of a new office concept generally involves more than the physical work environment alone. It also entails the way of working, the style of management, the use of information technology and potentially a revised organizational culture.

TOOLS

- Mapping organizational change programmes (in HR, IT and/or marketing)
- The creation of specific work groups for IT and/or HR topics
- Involvement of HR, IT and marketing experts in the project team



CARE & PRESERVE

New office concepts have to be looked after once they have been created. When moving in, it is important to take care of possible 'teething' troubles, as nothing is perfect first time around. To do so, provide a central point where employees can post complaints and/or suggestions for improvement. Furthermore, the new concept should ideally be evaluated after several months in use to make further improvements.

TOOLS

- A 'mailbox' for complaints and/or suggestions
- Post-occupancy evaluation surveys
- •Instruction books with practical guidelines for using the new office

BE BRAVE & GO FOR IT

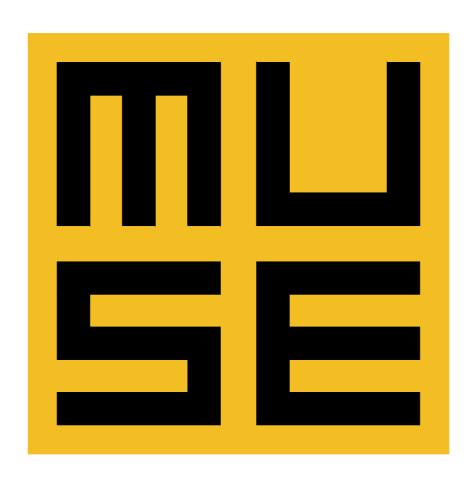
It is not easy to change and improve the office environment. Just like any other change, it is likely to raise resistance among employees. Sometimes this resistance indicates serious weaknesses in the concept, other times people are just wary of new ideas. Either way, resistance has to be taken seriously and taken into account in the implementation process.

TOOLS

 Bravery, dedication and belief in the new office concept







MUSE OFFICE PROJECT

2nd Menuetului Street, Bucharest, Romania

THANK YOU

