

# GCworkplace INTERIOR DESIGN Community of Practice

**APRIL 2021** 

#### The Interior Design National Centre of Expertise



Melayna "says smart things" Simister



Kélanne "super efficient" Kentzinger



Nadia "always insightful" Lacelle



"gets it done" Monette



Véronique "talks too much" Boton



#### AGENDA

- Updates to Design Guide
- Updates to Functional Programming 101
- Preview of \*NEW\* Space Planning Workbook
- \*NEW\* Generic Design Applications
- \*NEW\* GCcollab and GCpedia design pages
- Coming up this year...
- Q & A

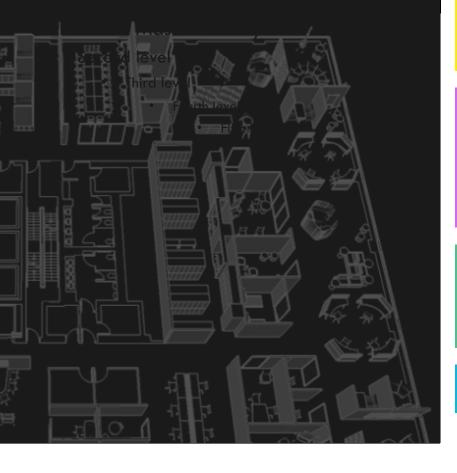




# GCworkplace DESIGN GUIDE



TRANSFORMING THE WORKPLACE EXPERIENCE



#### **TABLE OF CONTENT**

**PART 1 INTRODUCTION** 

- 1.1 HOW TO USE THIS DOCUMENT
- 1.2 WHY AN ACTIVITY BASED WORKPLACE?
- 1.3 SOCIAL IMPACT OF WORKPLACE DESIGN

**PART 2 KEY DESIGN PRINCIPLES** 

- 2.1 USER-CENTRIC DESIGN
- 2.2 PROMOTE EQUAL ACCESS
- 2.3 DESIGN FOR ACTIVITIES
- 2.4 ZONE BY FUNCTION
- 2.5 PLAN FOR FLEXIBILITY
- 2.6 IMPLEMENTATION OF KEY PRINCIPLES

PART 3 DESIGN DEVELOPMENT

- 3.1 DESIGN PROCESS MAP
- 3.2 FUNCTIONAL PROGRAMMING
- 3.3 GCWORKPLACE ACTIVITY PROFILES
- 3.4 ESTABLISHING A BASELINE WORKPOINT DISTRIBUTION
- 3.5 INTRODUCTION TO WORKPOINTS
- 3.6 SUPPORT SPACES AND SPECIAL PURPOSE SPACES
- 3.7 PERSONAL AND SHARED STORAGE

**PART 4 DESIGN STRATEGIES** 

- 4.1 STRATEGIES FOR MULTI-LEVEL STACKING
- 4.2 REGIONAL, SECONDARY AND SMALL OFFICE STRATEGIES
- **4.3 WORKPOINT PLANNING STRATEGIES**
- **4.4 FIXED FONCTION STRATEGIES**
- 4.5 INTERIOR SIGNAGE AND WAYFINDING

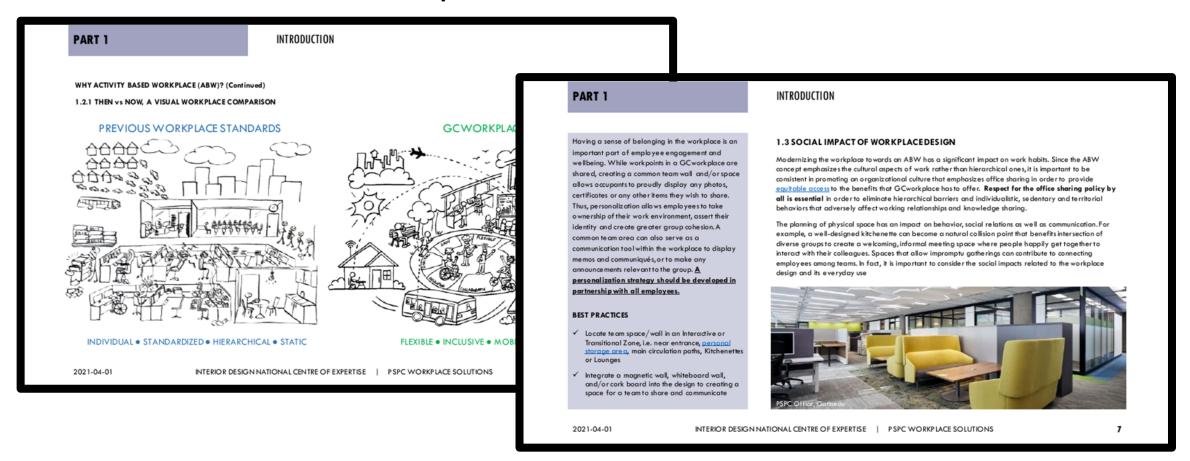
**PART 5 ANNEX** 

ACKNOWLEDGEMENTS AND CONTACT INFORMATION SAMPLE PLANS



#### Introduction

#### Part 1 introduces the context of workplace modernization.





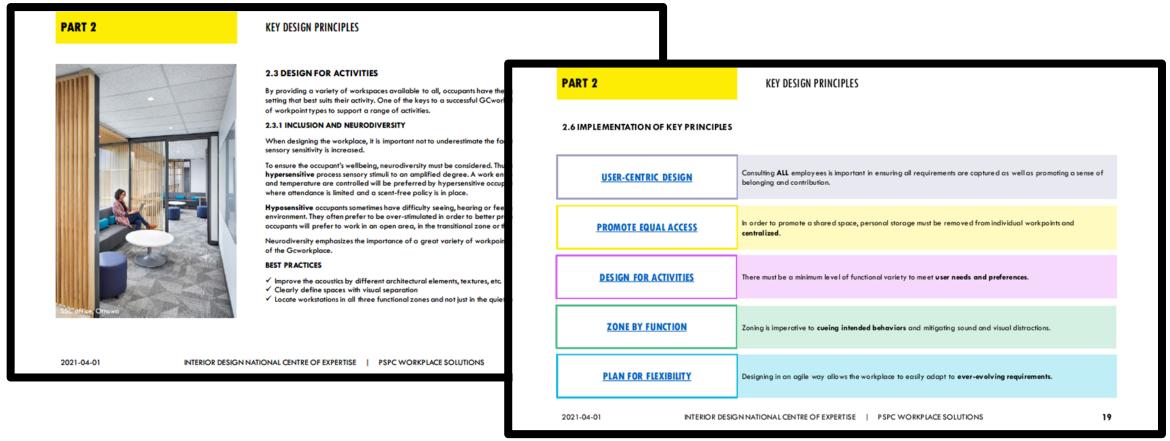






#### **Key Design Principles**

Part 2 outlines the guiding design principles of GCworkplace, and how each is supported by strategic design.





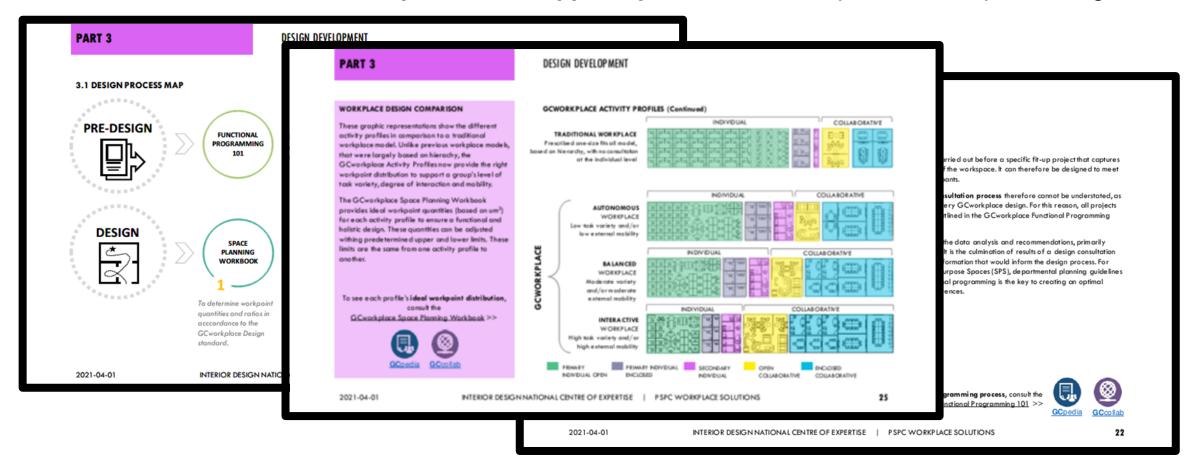






#### **Design Development**

Part 3 identifies each of the workpoints and support spaces that make up the GCworkplace design.







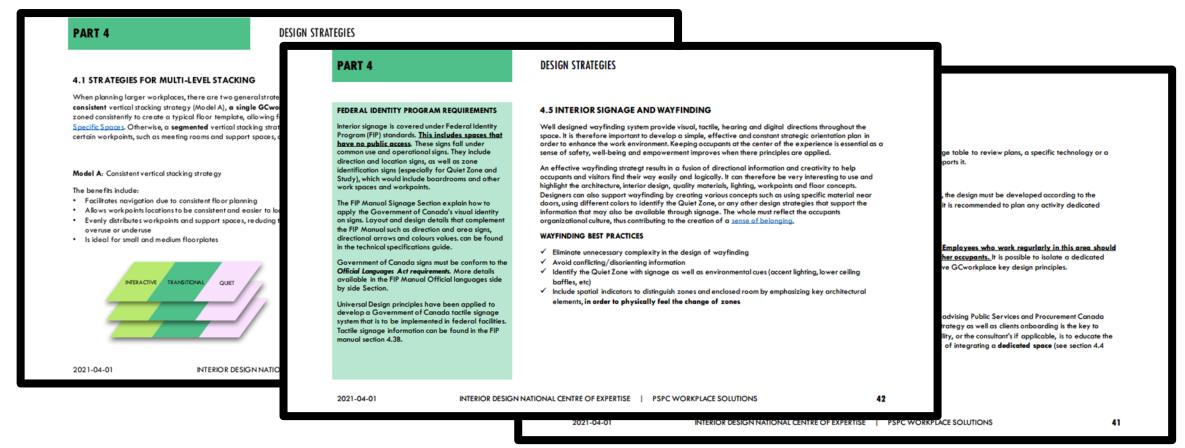
Gouvernement du Canada





#### **Design Strategies**

Part 4 ties together all the GCworkplace principles to demonstrate diverse design strategies to suit a wide range of functional requirements.









#### **Overview**

# Part 1 INTRODUCTION

Why an activity based workplace?

Then vs Now, a visual workplace comparison

Social impact of workplace design

 About the rising concerns on office depersonalization

# Part 2 KEY DESIGN PRINCIPLES

Gender based analysis +

Design for activity

 New section on inclusivity and neurodiversity

Implementation of key principles

# Part 3 DESIGN DEVELOPMENT

Design Process Map

 Explain the process and the tools associated with each step

**Functional programming** 

 Highlight the importance of following a rigorous design consultation process

Activity profile (definitions)

Workplace design comparison

Personal and shared storage

# Part 4 DESIGN STATEGIES

Strategies for multi-level staking

 Best align with the projects reality and the need of creating a sense of belonging within the workplace

Dedicated activity strategies

 About activity that require specific technologies or equipment that cannot be added to many workpoints

Interior signage and wayfinding







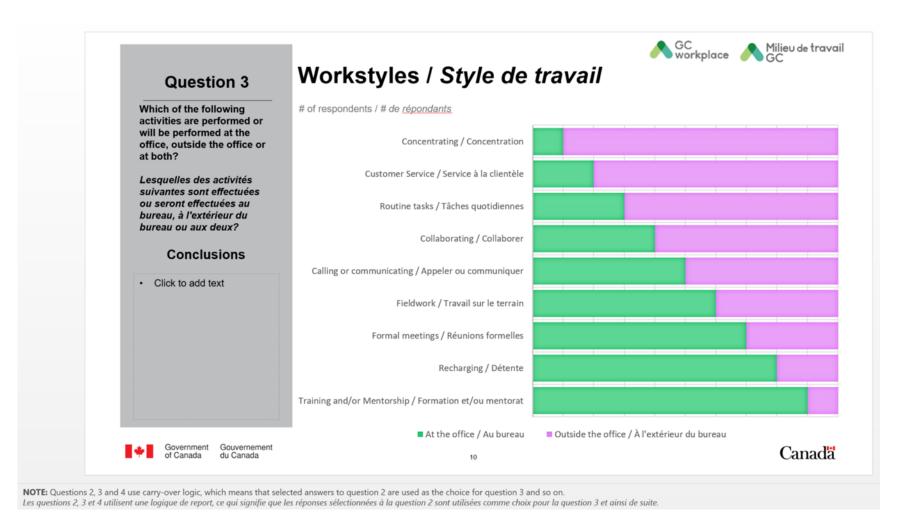








#### **GCworkplace Design Survey & Report**



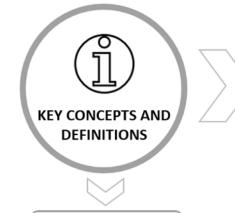


Government (

Gouvernement du Canada







INTRODUCTION

**OBJECTIVES** 

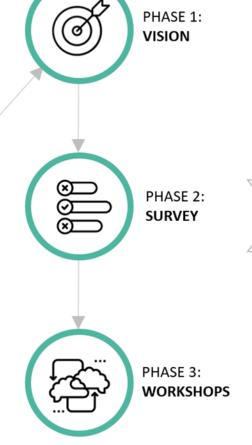
KEY TERMS & CONCEPTS

**ACTIVITY PROFILES** 

**MOBILITY FACTORS** 



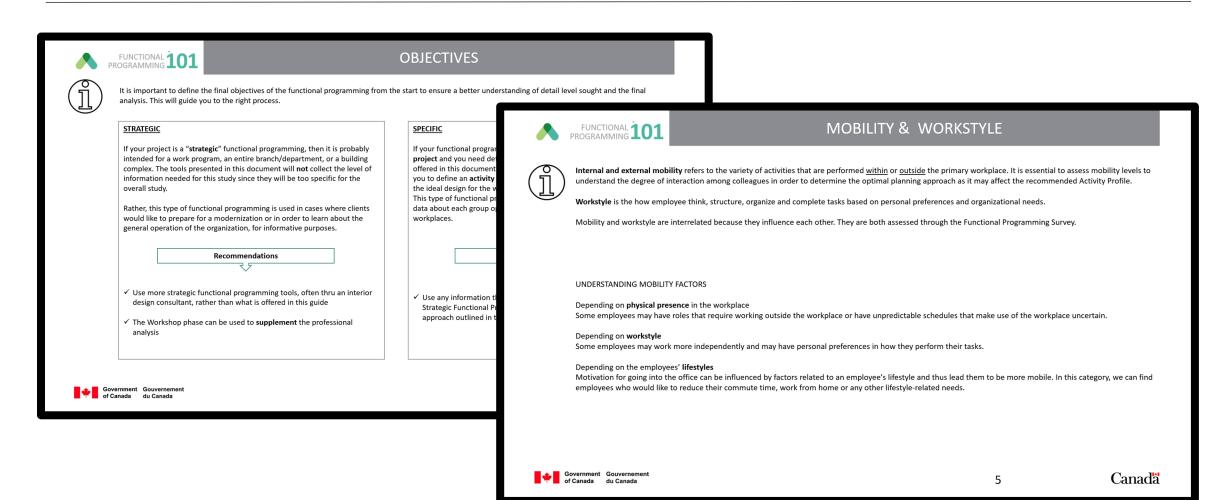








#### Introduction









#### **Phases and Final Report**











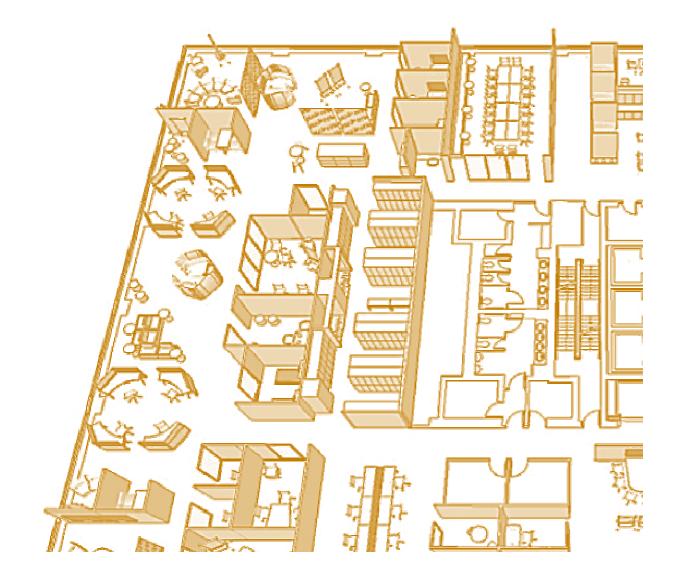






# GCworkplace generic design applications

December 2020





Government of Canada

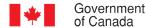
Gouvernement du Canada





#### table of contents

- p.3 **generic design objectives**
- p.4 considerations for generic design
- p.5 **key design principles**
- p.6 **generic workplace types**
- p.7 design process & tools
- p.8 design applications by workplace type
- p.11 design applications for all generic workplaces
- p.12 sample floor plans







# generic design objectives

This generic design application guideline outlines GCworkplace design criteria and their application in general purpose office space fit-up projects where **no specific occupant population is defined**, such as swing space, coworking or departmentally-shared spaces. This guideline is meant to be used as a supplement to the GCworkplace Design Guide, GCworkplace Space Planning Workbook and GCworkplace Technical Reference Manual.



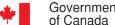
A workplace can be categorized as 'generic' when the occupant is either unknown or the space is meant to serve teams and individuals from different groups or departments. Since the GCworkplace design standard uses an **activity-based concept\***, which is normally reflective of a client's specific activities, certain modifications and precisions are required to ensure a consistent, functional design.

<sup>\*</sup> Refer to the **GCworkplace Design Guide** for information on activity-based workplace design principles and strategies >>

















#### considerations for generic design

In the absence of a specific occupant from which to gather functional requirements, the following are important considerations to achieve a successful generic design.

- ✓ Must support the broadest requirements for a general population: In order to provide a functional workplace for an unknown population, the best course of action is to provide a wide range of workpoint types in varying acoustical zones. This allows for each user to find a functional setting that supports the task at hand while catering to their own environmental needs and preferences. Futhermore, a shared, unassigned workplace is optimal in accommodating groups that may fluctuate in size and functional needs over time.
- ✓ Look for opportunities to enhance the user experience: A varied rotation of occupants means that alternative strategies for fostering a sense of belonging and creating an intuitive user experience are more important than ever.
- ✓ **Consider geographic location:** Usage patterns can be influenced by the physical location of a workplace, resulting in differing design strategies. Whether a workplace is centralized to all employees or serving a suburban area will influence why, when and how people will choose to use a workplace.







# key design principles

The GCworkplace design standard is based on 5 key design principles\*. When designing a generic workplace, these principles must be used to guide design decisions to ensure a functional and hollistic workplace.

#### USER-CENTRIC DESIGN

A generic workplace can still be considered user-centric by the fact that it allows users to self-select how, when and where they work.

# PROMOTE EQUAL ACCESS

Workpoints are shared and available to all users.
A combination of reservable and non-reservable workpoints is recommended.

#### DESIGN FOR ACTIVITIES

Based on the generic workplace type, a variety of workpoints are available to support different activities and work styles.

#### ZONE BY FUNCTION

Occupants have the choice of a quiet or interactive work zone, or the transitional zone, which acts as an acoustical barrier between the two others.

#### PLAN FOR FLEXIBILITY

Flexible furniture solutions can help create multi-functional spaces while modular planning strategies allow for easier modifications that may be required in the future.

<sup>\*</sup> Refer to the **GCworkplace Design Guide** for information on the key design principles >>













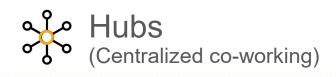


# generic workplace types

There are 3 main types of generic workplaces, each with their own unique considerations:



A Swing Space is a temporary (about a year), interim workplace provided for users while their previous workplace is being renovated or a new facility is being built. Multiple teams might be cycled through.



A **Hub** is a <u>co-working</u> office environment that is located centrally within a region/city. It serves multiple teams within a department or across multiple departments.

6



A **Node** is a <u>co-working</u> office environment that is located more <u>remotely</u>, like a suburban area. It serves multiple teams within a department or across multiple departments.



# design process & tools

All documents and tools to support the implementation of a GCworkplace design can be found in the 'Resources' tab of the GCworkplace GCpedia page >>



Information also available to external stakeholders on the **GCworkplace Interior Design** Resource Centre on GCcollab >>



For generic applications, follow the design roadmap below:



<sup>\*</sup> see pages 8 to 10 for any required Space Planning Workbook modifications by generic workplace type















# design applications by workplace type

The following table outlines the Activity Profile that is to be used for each type of generic workplace, along with the required modifications to be made to the **Space Planning Workbook** to ensure a functional design.

	SWING SPACE		
ACTIVITY PROFILE	Balanced (refer to the GCworkplace Design Guide for more information)		
RECOMMENDED WORKBOOK MODIFICATIONS	Use Workbook's automatic distribution*		
ADJACENCIES	Refer to section 4.5 of the GCworkplace Design Guide		
LOCKERS	<ul> <li>Qty = m2u / 12     (ex: 1200m2 = 100 lockers)</li> <li>Double height lockers – approx. 15w x 36h x 18d</li> <li>Include 3% larger format – approx. 15w x 54h x 18d</li> <li>Provide coat closet(s) equal to approx. m2u / 60 (ex: 1200m2 = 20 ln.ft.)</li> </ul>		

\* The GCworkplace Space Planning Workbook provides a template for the space planning of general-purpose office space. By entering the existing space in m², the workbook will provide an automatic baseline distribution of workpoints for each Activity Profile:

Autonomous, Balanced and Interactive. The workpoint quantities can then be adjusted based on the requirements outlined in the table above. The Gcworkplace Space Planning Workbook is available on:









# design applications by workplace type (continued)

	HUBS	
ACTIVITY PROFILE	Interactive (refer to the GCworkplace Design Guide for more information)	
RECOMMENDED WORKBOOK MODIFICATIONS	Use Workbook's automatic distribution*	
ADJACENCIES	<ul> <li>Refer to section 4.5 of the GCworkplace Design Guide</li> <li>Teaming Areas to be combined with, or adjacent to Lounge</li> <li>Locate Huddles near Lounge</li> <li>Desk dedicated to the CoPro to be in direct view of the main entrance</li> </ul>	
LOCKERS	<ul> <li>Qty = m2u / 15     (ex: 1200m2 = 80 lockers)</li> <li>Small day-use lockers – approx. 15w x 18h x 18d</li> <li>Include 3% larger format – approx. 15w x 54h x 18d</li> <li>Provide coat closet(s) equal to approx. m2u / 60 (ex: 1200m2 = 20 ln.ft.)</li> </ul>	

\* The GCworkplace Space Planning Workbook provides a template for the space planning of general-purpose office space. By entering the existing space in m<sup>2</sup>, the workbook will provide an automatic baseline distribution of workpoints for each Activity Profile: Autonomous, Balanced and Interactive. The workpoint quantities can then be adjusted based on the requirements outlined in the table above. The Gcworkplace Space Planning Workbook is available on:



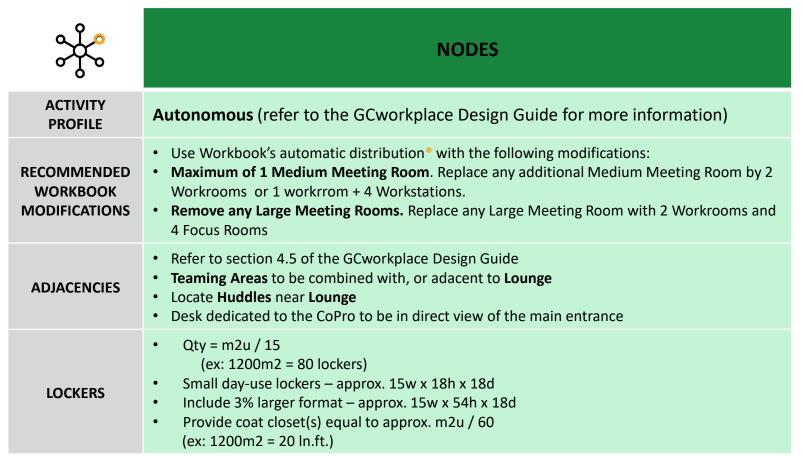








# design applications by workplace type (continued)



\* The **GCworkplace Space Planning Workbook** provides a template for the space planning of general-purpose office space. By entering the existing space in m², the workbook will provide an automatic baseline distribution of workpoints for each Activity Profile:
Autonomous, Balanced and Interactive. The workpoint quantities can then be adjusted based on the requirements outlined in the table above. The Gcworkplace Space Planning Workbook is available on:









# design applications for all generic workplace types

The following are specific design applications and strategies that apply to all generic workplaces.

Signage / Wayfinding	<ul> <li>Directional signage at entrance:</li> <li>Lockers (if not already visible)</li> <li>Washrooms</li> <li>Kitchenette</li> <li>Identify Quiet Zone at all access points</li> </ul>				
Main entrance	<ul> <li>Include a Touchdown grouping with 6-8 seats within view of the main entrance to act as a quick 'landing spot' (where feasible)</li> <li>Include a Chat Point with 2-4 seats (where feasible)</li> <li>Lockers/coat closet(s) to be adjacent (within view, where feasible)</li> </ul>				
<b>Zoning</b> (per floor)	<ul> <li>Up to 1200m2:</li> <li>1 quiet zone</li> <li>1 transitional zone</li> <li>1 intractive zone</li> </ul>	<ul> <li>Over 1200m2</li> <li>2 quiet zones</li> <li>1-2 transitonal zones</li> <li>1-2 interactive zones</li> <li>floor can be divided into 2 'sides' each providing all 3 zones, where feasible</li> </ul>	<ul> <li>Less than 500m2         please refer to section 4.2 of the         GCworkplace Design Guide on Regional,         Secondary And Small Office Strategies</li> </ul>		
Team Spirit / Sense of Community	<ul> <li>Provide a centralized 'team wall' for photos, communiqués, announcements, accomplishments, etc. (ideally located at main entrance or kitchenette/lounge)</li> <li>Include art work and biophilic elements where possible</li> </ul>				

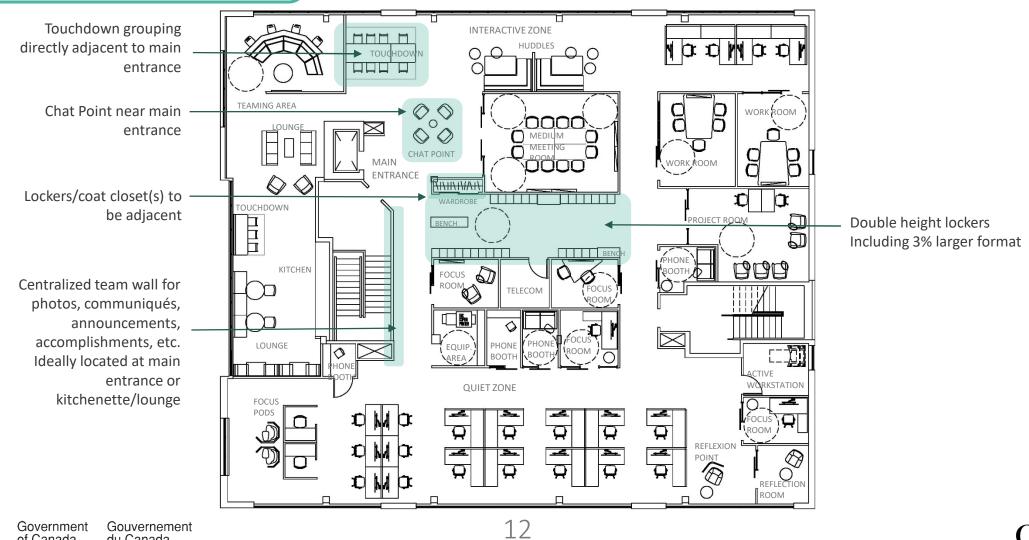








#### sample floor plan





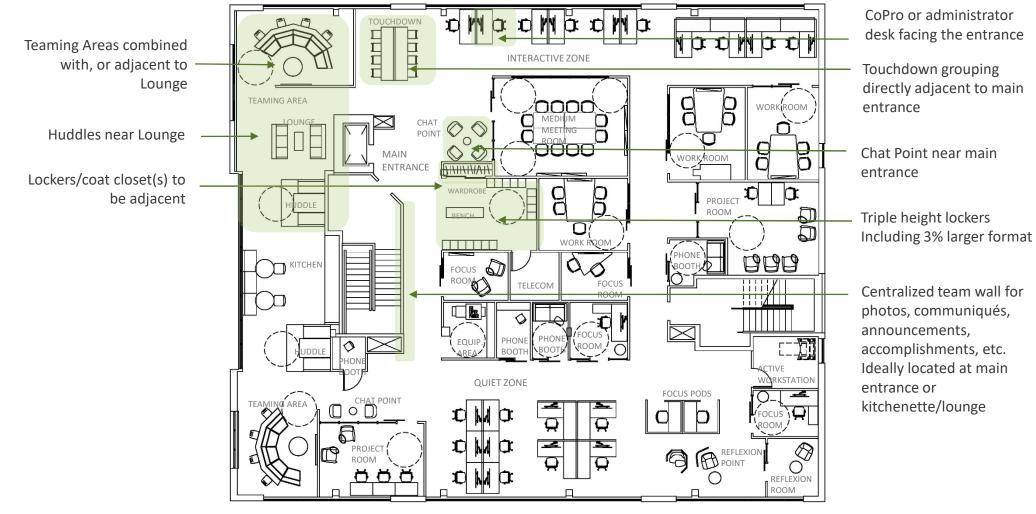
Government







#### sample floor plan





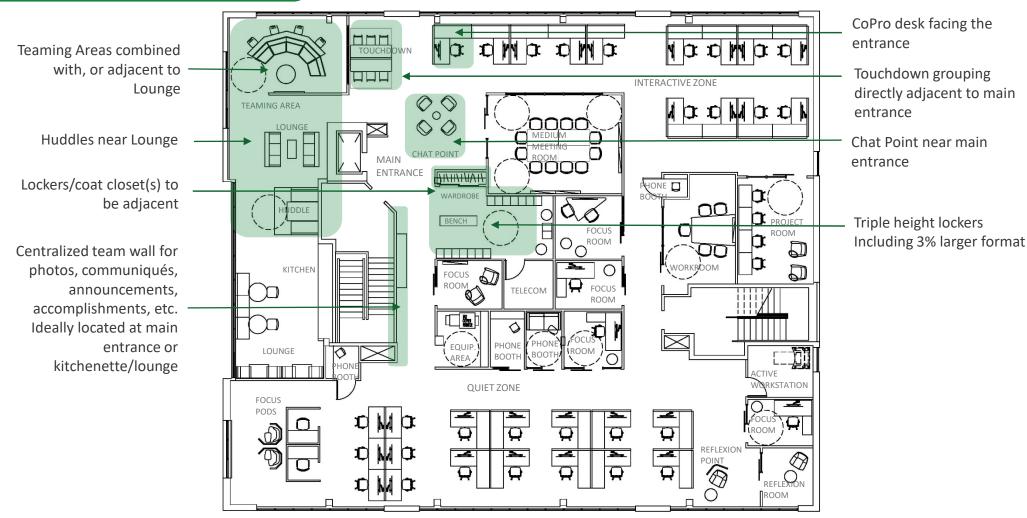
Government







#### sample floor plan









#### **GCworkplace Project Resources**



#### **GCpedia**

Internal resource center, available only to Federal employees

- 1. Go to: <a href="https://www.gcpedia.gc.ca/wiki/Main Page">https://www.gcpedia.gc.ca/wiki/Main Page</a>
- Type in "gcworkplace" in the top right search bar
- 3. Click on the first link
- 4. Click on "Project Resources"
- scroll down to find: NEW! GCworkplace Interior Design Resource Centre



#### **GCcollab**

External resource center, available to all who sign up

- 1. Go to: www.gccollab.ca
- 2. Type in "gcworkplace" in the search bar at the top of the page
- 3. On the "Results" page under "Groups" click on "GCworkplace Interior Design Resource Centre"
- 4. If you are not part of the group click on "Join".
- 5. If you are already part of the group, click on the "About" tab to see all resources.







#### Coming up this year...



 Developing ways of applying what we've learned from the <u>GCworkplace Consultation Series on Accessibility</u>



- Reviewing and updating the Fit-Up Standard
  - Section B Ministerial and Deputy Head Office Accommodations
  - Section D Call/Contact Centres Accommodations



 Continued research and development of the GCworkplace Design Standard and more...









CONTACT: <u>TPSGC.SIMilieudeTravailGC-RPSGCWorkplace.PWGSC@tpsgc-pwgsc.gc.ca</u>

