Fast Eddie's Project – Spatial Planning Design Process 3

BSBCRT501A Originate and develop concepts BSBDES502A Establish, negotiate and refine a design brief

## Design Criteria Matrix

- When space planning for a commercial project, it is important to start by assessing the existing space and the requirements of each space (or area) within the whole space.
- Once you have determined the functional requirements of the spaces, you can then begin to plan the space required to perform that function and then subsequently plan any adjacencies within the entire space.
- Each project is different with different requirements, so there is no 'recipe' for making a design criteria matrix when space planning, but the important thing is to consider the functions of the various spaces and how they fit in the space.
- You must think about the types of activities carried out in each space and what the requirements might be. Once you have your data, you can record it in a matrix.

## Design Criteria Matrix

Used to help the designer make decisions about adjacencies and spatial considerations.

ORECEPTION	250	Í	I PIL PICES	A BILLESS	Z Print	Z PILL	Z SPECING	TRAFFIC HUD	
(2)INTERVIEW STA. (4)	220	0 9	M	I	L	N	N	FEEL LIKE A	*
3 DIRECTOR	140	1 ()	M	Y	н	N	N	HIGHEST IMAGE ACCESS TO REAR DR FOR PRIVATE EXIT	
()STAFF	180	3	м	Y	M	N	N		LEGEND
() SEMINAR RM	300	00	Н	I	н	N	Y	A/V USE IMPORTANT	H= HIGH M= MEDIUM
@REST ROOM (2)	200	CENTRAL	м	N	н	Y	N		L= LOW Y= YES
WORK AREA	120	2 D	L	N	M	Y	Y		N=NO/NONE I=IMPORTANT BI NOT REQUIRES
B STATION	50	CENTRAL	н	Y	N	Y	Y	CONVENIENT FOR EVERYONE	
O APARTMENT	350	RENOTE	L	Y	н	Y	N	RESIDENTIAL	

Example

- Using the Design Criteria Matrix template provided, complete the matrix for the Fast Eddie's project.
- The template is available at:

*Fast Eddie's Website / Concept Stage* page / *Spatial Planning* heading / *Design Criteria Matrix Template* document

			D	ESIG	N CRIT	<b>FER!</b>	MA	TRIX		
Name: Project: Square metres:							Legend: H = High M = Medium L = Low Y = Yes N = No / None I = Important but not required			
Name o	of area/space:	Square metres required	Adjacencies	Public access	Daylightand/or view	Privacy	Plumbing	Special equipment	Special considerations:	Notes:

• Start by completing your details, the project name and the m<sup>2</sup> of the space.

	DESIGN CRIT	ERIA MATRIX
Name:	JOHN PAPA	Legend: H = High
Project:	FAST EDDIES	M = Medium L = Low Y = Yes
Square métres:	43.69M2.	N = No / None I = Important but not required

• List and number the various spaces within the project.

Name:		RITERIA MATRIX Legend:
-	JOHN PAPA	H = High
Project:	FAST EDDIES 43.69M2.	M = Medium L = Low
Square	1101 0000	Y = Yes
métres:	43.69M	N = No / None I = Important but not required
1 11	of area/space: THING STATIONSX3 S. COUNTER UTING ABEA	
JVVV		
4 00	NR L/AFE	
4 50	ORAGE	

- Work out the importance of each space within the project and label these accordingly.
- Record the m<sup>2</sup> per space (if known). This can be worked out from the spatial requirement drawing we completed earlier for the cutting station areas.

			_	N CRITERIA MATRIX
Name:	JOHN PAT	Å		Legend: H = High
Project:	FAST ED		M = Medium L = Low Y = Yes	
Square métres:	FAST EDI 43.69M2	•		N = No / None I = Important but not required
1 11	of area/space: THING STATIONSX S. COUNTER AITING AREA ORAGE	Importance	Square metre required	

- •In the *Adjacencies* column, indicate which of the spaces should be located next to each other in the final plan.
- Circle those adjacencies which are critical (i.e. they must be next to each other).

1			_	DE	CRITERIA MATRIX
Name	JOHN	PAPA	1	Legend: H = High	
Proje	HE FAST	EDDI	M = Medium L = Low		
Squa métri	res: 43.6	EDDI#		Y = Yes N = No / None I = Important but not required	
	Name of area/space:	Importance	Square metres	Adjacencies	
2	P.O.S. COUNTE	THENSKAA		3	
3	WAITING AR	EA B		02	
4	STORAGE	D		1	

• Using the legend provided, indicate whether each of the spaces requires: public access, access to daylight/view, privacy or access to plumbing.

			_	DE	SIGN	CRIT	ERIA	MATR	IX.
Name:	JOHN PAT;	Ą	Legend: H = High						
Project:	FAST ED	M = Medium L = Low							
Square métres:	FAST EDI 43.69M2	•		Y = Yes N = No / None i = Important but not required					
Name	e of area/space:	Importance	Square metre required	Adjacencies	Public access	Daylight and/or view	Privacy	Plumbing	
1 m	THING STATIONSX	A	4.50	34	Y	M	L	I	
2 1.0	D.S. COUNTER	C		3	Y	L	L	N	
3 W	AITING AREA	B		D2	Ý	H	F	N	
49	ORAGE	D		1	Ν	L	M	I	

• Finally, list any special requirements or equipment needs for each area.

				_	DE	SIGN	CRIT	ERIA	MAT	RIX	and the second sec	
Nam	16:	JOHN PAT,	Ą		Legend: H = High M = Medium L = Low							
Proje	ect:	FAST ED		=5								
Squa métr		43.69M2.									Y = Yes N = No / None i = Important but not required	
	Name o	of area/space:	Importance	Square metres required	Adjacencies	Public access	Daylight and/or view	Privacy	Plumbing	Special equipment	Special considerations / Notęs:	
1	un	FING STATIONSX	A	4.50	34	Y	M	L	I		GPOS, CHAIR, MIRRORS	
2	P.O.	S. COUNTER	C		3	Y	L	L	N		REGISTER, PHONE, INTERN	
3	WA	HTING AREA	B		02	Ý	H	F	N		FURNITURE - TABLES	
4	sto	RAGE	D		1	N	L	Μ	I		BASINS = EQUIPMENT BINS	