

Element C Interiors

Interior Construction

C1010 Partitions

PART 1 - GENERAL

1.01 OVERVIEW

- A. Includes fixed partitions, moveable partitions, interior windows, and storefronts.

PART 2 - DESIGN CRITERIA

2.01 GENERAL

- A. Typical interior partitions shall be 3-5/8 inch wide, 22 gage metal studs at 16 inches on center with one layer of 5/8 inch gypsum drywall each side.
- B. Provide sound attenuation batts in the wall cavities of toilet rooms, conference rooms, private offices and other specialized rooms as appropriate to achieve additional sound control. Provide STC55 or better sound rated partitions at mechanical rooms or other noise generating areas.
- C. Provide wider and/or heavier than twenty-two gage studs as required for extra unsupported height or wall-mounted shielding or equipment per the Facility Program.
- D. For clinical and research applications, typical interior partitions shall be full height to the structure above.
- E. Provide full height partitions at core elements such as mechanical, electrical, security, and telecommunications rooms, stairs, elevator shafts, chases and toilets, at fire rated walls, private offices, conference rooms, and break rooms. Additionally, it may be determined for budgetary or special-use reasons that selected partitions should terminate at the underside of ceiling. Confirm locations with Owner's Project Manager. At multi-person offices, provide partitions that terminate at the ceiling.
- F. Brace and reinforce partitions as required to support wall mounted equipment, furniture, and casework.
- G. Provide double 20 gage studs at each door jamb.
- H. Provide moisture resistant gypsum wallboard at all wet areas and toilet rooms. Provide tile backer board at walls surrounding showers.
- I. Interior windows shall be clear or patterned glass. Windows shall be set in aluminum or hollow metal frames, to match door frame material.
- J. Partitions at dock receiving areas leading to a service elevator shall be 6" minimum concrete masonry.
- K. For facilities with TECO steam service, provide concrete masonry partitions to isolate steam pressure reducing station from other building spaces.
- L. Provide non-magnetic construction at MRI rooms.

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- M. For shell spaces, delete inner layer of gypsum drywall unless required for fire rated construction.
- N. All penetrations through new fire/smoke rated partitions shall be sealed to provide a rating equal to or greater than the rating of the partition. Existing noncompliant penetrations through rated partitions in a Project area shall be identified, and properly sealed as a part of the scope of work for the Project.

PART 3 - SPECIAL CONTRACT DOCUMENT REQUIREMENTS

3.01 GENERAL

- A. In addition to incorporating all applicable life safety and building code requirements, provisions described within this Element shall be included within the Project Contract Documents.
- B. Drawings shall clearly identify where non-rated partitions are to be constructed in front of rated walls and note that additional labeling shall be provided on the non-rated partition to identify the rated wall if the non-rated partition extends more than 12 inches above ceiling line. [Example of additional labeling: "2-Hour Fire Rated Barrier Behind This Partition - Do Not Penetrate."].

PART 4 - PRODUCTS

4.01 GENERAL

- A. Obtain approval from Owner's Project Manager/Planner Designer for all finish schedules prior to issuance of Construction Documents.
- B. For renovation projects, refer to Owner's Master Construction Specifications. These are available on the Owner's Design Guidelines website:
<http://www2.mdanderson.org/depts/cpm/standards/specs.html>

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PART 5 - DOCUMENT REVISION HISTORY

Issue	Date	Revision Description	Reviser
	01-01-07	Initial Adoption of Element	
Rev. 1	05-03-07	Added requirement for full height partitions at private offices; sound rated partitions at mechanical rooms.	SAK
Rev. 2	08/14/08	Various revisions throughout document incorporating interior standards and eliminating project specific requirements.	LN, JC, DB
Rev. 3	02/24/09	Add paragraph 2.01 N. to address penetrations.	JC, DB
Rev. 4	11/10/09	Add requirements to identify locations where partitions are applied in front of rated walls. Paragraph 3.01 B.	SH

END OF ELEMENT C1010