

Element C	Interiors
Interior Construction	C1010 Partitions

PART 1 - GENERAL

1.01 OVERVIEW

- A. Fixed partitions, moveable partitions, interior windows, and storefronts.

PART 2 - DESIGN CRITERIA

2.01 GENERAL

- A. Meet minimum requirements outlined in Facility Guidelines Institute (FGI) "Guidelines for Design and Construction of Hospitals" and "Guidelines for Design and Construction of Outpatient Facilities" as applicable.
- B. Typical interior partitions shall be 3-5/8 inch wide, 22 gage (or structurally equivalent) metal studs at 16 inches on center with one layer of 5/8 inch gypsum drywall each side.
- 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.
- F. Provide partitions that terminate at the ceiling at multi-person offices.
- G. Brace and reinforce partitions as required to support wall mounted equipment, furniture, and casework including Owner Furnished items.
- H. Brace and support wing walls over 2 feet.
- I. Provide double 20 gage (or structurally equivalent) studs at each door jamb.
- J. Where applicable, provide doors to accommodate people of size (44 inches).
- K. Interior windows shall be clear or patterned glass. Windows shall be set in aluminum or hollow metal frames to match door frame material. Provide safety glass in lieu of standard glass only where required by applicable Code, or where special circumstances warrant its use.
- L. Partitions at dock receiving areas leading to a service elevator shall be 6" minimum concrete masonry.

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- M. For facilities with TECO steam service, provide concrete masonry partitions to isolate steam pressure reducing station from other building spaces.
- N. Design and size partitions surrounding elevator shafts to accommodate internal structural members completely within the required fire resistance rated construction, while maintaining shaft wall rating without interruption.

PART 3 - SPECIAL CONTRACT DOCUMENT REQUIREMENTS

3.01 GENERAL

- A. Where applicable, include a note on Drawings referencing the need to coordinate with the Mechanical Contractor for locations where penetrations of fire dampers and associated ductwork are to be removed at existing partitions.
- 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."].
- C. The location, size, and quantity of back boxes, enclosure panels, and similar items which are mounted in, and penetrate the membrane of, fire resistance rated partitions shall be coordinated with limiting requirements contained in the governing Codes. Drawings shall indicate by detail drawing and, or notation the limitation/allowance criteria for each type of listed and non-listed (non-rated) item that may be installed in fire resistance rated partitions.
- D. Drawings shall include complete reproductions of all UL designs for fire resistance rated partitions and associated joints which are referenced on the Project. Indicate appropriate UL designs for joints at head and base of wall, as well as joints within the wall, to accompany the selected UL design for each fire resistance rated partition. Refer to UL online certifications directory database for complete listing of joint designs.
- E. Detail termination of reveals at change of finish, especially at base. Avoid gaps and holes at reveal termination, and ensure ease of finish application in reveal design. Call for application of final finish, where possible, to the back of reveal prior to construction of remainder of reveal.
- F. Fully detail fire resistance rated walls to extend around /behind unrated items mounted in the wall, such as fire extinguisher cabinets, safety showers, etc.

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PART 4 - DOCUMENT REVISION HISTORY

Issue	Date	Revision Description	Revised By
	20190301	Original Issuance	
Rev. 1			
Rev. 2			
Rev. 3			
Rev. 4			
Rev. 5			

END OF ELEMENT C1010