

Element A Substructure

Foundations

A1030 Slab on Grade

PART 1 - GENERAL

1.01 OVERVIEW

- A. Includes standard slabs on grade, trenches, pits and bases.

PART 2 - DESIGN CRITERIA

2.01 GENERAL

- A. Design the first floor at an elevation nominally one-foot above the 500-year flood plain elevation per the latest FEMA data.
- B. Provide a waterproof membrane system under slab on grade.
- C. Provide subsoil drainage system under slab connected to perimeter drainage system, with sump and pumps, where Project includes occupied spaces below grade and where recommended by the Geotechnical Investigation Report.
- D. Identify areas and equipment that will require a recessed slab and additional slab thickness.
- E. Provide a mud slab for Projects with underfloor crawl spaces, which occur below grade.
- F. If required for Project, specify flood protection devices consistent with devices currently in use at MD Anderson Main Campus.

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PART 3 - 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 A1030