

HOSPITAL STANDARDS

203.701 BUILDING COMPONENTS, SITEWORK, SITE PREPARATION

This document contains requirements for site preparation elements for a hospital building and is in alignment with the UniFormat II, Level 2 classification – G10. The document is subdivided into the following parts per the UniFormat II, Level 3 classifications.

UNIFORMAT II classification						MoP Document Number
Level 1 Major Elements		Level 2 Group Elements		Level 3 Individual Elements		
G	Sitework	G10	Site Preparation	G1010	Site Clearing	
				G1020	Site Demolition and Relocations	
				G1030	Site Earthwork	
				G1040	Hazardous Waste Remediation	

[ELEMENT G1030, SITE EARTHWORK](#). Includes general design requirements for earthwork.

Specific items of note include:

1. Design coordination
2. Subgrade treatments
3. Submittal requirements

ELEMENT G1030, SITE EARTHWORK

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PART 1 - GENERAL**1.01 OVERVIEW**

- A. Includes subgrade preparation for areas beneath hospital buildings.

PART 2 - DESIGN CRITERIA**2.01 GENERAL**

- A. Unless otherwise directed, BJC HealthCare will provide Geotechnical Engineering professional services through separate contract. Architect and engineers shall coordinate with geotechnical engineers and provide requirements to BJC for soil and sub-surface testing.
- B. Coordinate grading requirements with Civil Engineer and Geotechnical Engineer.
- C. Coordinate with Geotechnical Engineer for excavation to suitable subgrade conditions.
- D. Prepare subgrade so as to prevent ponding and to provide a positive surface drainage plane.
- E. Soil stabilization shall be as determined by Geotechnical Engineer.
- F. Drying agents shall be as determined by Geotechnical Engineer. In occupied areas, consider use of drying agents that do not become airborne.
- G. Provide termiticide treatments to all subgrade areas. In occupied areas, consider use of termiticide materials that do not become airborne.

PART 3 - SPECIAL CONTRACT DOCUMENT REQUIREMENTS**3.01 GENERAL**

- A. Provide Safety Data Sheets to BJC Project Manager for all chemical treatments to subgrade.
- B. Architect shall include the Geotechnical Engineer report in the contract document set (Division 00, 00 31 00, Available Project Information).

PART 4 - PRODUCTS

4.01 GENERAL

A. Not applicable.

End of G1030 – Site Earthwork

END OF DOCUMENT 203.701

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RESPONSIBILITY MATRIX

The following matrix identifies those individuals, roles or departments responsible for maintaining the accuracy of the information and those responsible for providing input. Refer to Preface for detailed explanation.

	BJC HealthCare													Hospital/Entity				
	PD&C						Clinical Asset Management (CAM)	Risk Management	Real Estate	Ergonomics	Infection Prevention (IP)	Info Systems, Data, Telecom (IS)	Other:	Standards Review Committee	Facilities Engineering	Housekeeping	Security	Other:
	Corporate Architect	Corporate Engineer	Director of Planning	Director of Design	Director of Construction	Other:												
Primary Authorship	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Authorship	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DOCUMENT REVISION HISTORY

The following table indicates the date the document originated and any subsequent revisions.

203.701 – Site Preparation, Site Earthwork		
Issue	Description of Issue	Prepared by
2018 v1	Original Issue	G. Zipfel