

Element B | Shell

Superstructure

B1020 Roof Construction

PART 1 - GENERAL

1.01 OVERVIEW

- A. Includes roof structural frame, roof deck, and slab.

PART 2 - DESIGN CRITERIA

2.01 GENERAL

- A. Structural system for roofs shall be a continuation of the system for the rest of the building.
- B. Provide floated finish with roughened texture on concrete surfaces to receive roofing to enhance adhesion of roofing membrane.
- C. Slope to drain may be achieved through use of sloped structure, or use of flat structure in combination with tapered insulation.
- D. Roof design live load criteria will be 35 psf with higher capacity for roof-mounted equipment in accordance with current code unless otherwise indicated.
- E. Tie-backs are required on all roofs. Where top of parapet height exceeds 300 feet, provide both tie-backs and davit bases in accordance with OSHA 29 CFR 1910.66.
- F. Include fall protection for roof design compliant with OSHA 29 CFR 1910, OSHA 29 CFR 1910.66, OSHA 29 CFR 1926 Subpart M, and ANSI Z359-2007.

Element B | Shell

Superstructure

B1020 Roof Construction

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 B1020