

# Specification Review Checklist

## SFB Roofing Performance Specification Type:

### METAL ROOFS for Pre-engineered Buildings (Only)

07 41 13

*This checklist can be used for new construction and building renewal grant projects*

Project: \_\_\_\_\_

Revised 12/29/20

Checked	Specification	Paragraph	Comments	Field Acceptance
<input type="checkbox"/>	SFB recommendations	This checklist refers to the SFB General Roofing Specification 07 30 00 numerous times which needs to be followed.		
<input type="checkbox"/>	General Roofing Performance Specification Para. 17.1.4	The Architect shall provide to the SFB at the first kickoff meeting or pre-design award meeting the SFB Performance Specifications which will be used as a guideline to supplement the Architect's roofing specification before proceeding with their design. <a href="#">Performance Specification</a>	Optional: Use the <a href="#">SFB NC kickoff meeting</a> agenda form for BRG pre-design award meeting with the District's representatives.	
<input type="checkbox"/>	General Roofing Performance Specification Para. 2.1.9.	Has the Architect signed their Shop Drawing review stamp?		
<input type="checkbox"/>	General Roofing Performance Specification Para. 1.2	Has a roof assessment been performed? If so, who performed this? If an assessment by the District has not been performed by others, has this Project's Architect or SFB Liaison performed their assessment in the field prior to the start of construction?		
<input type="checkbox"/>	General Roofing Performance Specification Para. 1.2.6.1	Has a pre-design award meeting with the Assessor, Project Architect, District & the SFB been held to define scope of work?	Optional: Use the <a href="#">SFB NC kickoff meeting</a> agenda form for BRG pre-design award meeting with the District's representatives.	
<input type="checkbox"/>	General Roofing Performance Specification Para. 1.2.9	Has the Architect provided a schedule for this project?		
<input type="checkbox"/>	General Roofing Performance Specification Para. 2.1.1-2.1.7	Has the Architect or Liaison verified the existing condition? If so, can a repair or restoration be applied to extend this roof another 3-5 years?		

<input type="checkbox"/>	SFB recommendation	Has the Architect or Liaison verified the interior existing finishes showing signs of water infiltration?		
<input type="checkbox"/>	General Roofing Performance Specification Para. 8	Has a Structural Engineer reviewed the as found condition prior to the start of construction?		
<input type="checkbox"/>	SFB recommendation	Has a Mechanical Engineer reviewed the as found condition prior to the start of construction?		
<input type="checkbox"/>	General Roofing Performance Specification Para. 2.1.11	The manufacturer cannot be specified in the District's IFB		
<input type="checkbox"/>	General Roofing Performance Specification Para. 2.1.13	If a roofing submittal has been rejected, the Architect shall provide the reasoning in writing.		
<input type="checkbox"/>	General Roofing Performance Specification Para. 2.3.1	If the project requires multiple site visits within a week, this situation shall be reported to the SFB.		
<input type="checkbox"/>	General Roofing Performance Specification Para. 2.4.1	All weekly reports by the bidder's foreman or local manufacturer representative must be submitted to the Architect and the SFB. If the manufacturer's local representative is not available, a 3 <sup>rd</sup> party QA/QC representative may be provided by the District and funded by the SFB.	Has the manufacturer been copied on these reports?	
<input type="checkbox"/>	General Roofing Performance Specification Para. 3.1.1.1	The SFB shall discuss with the Registrar of Contractors open & resolved actions with the Architect as part of the contractor's qualifications prior to award of contract.		
<input type="checkbox"/>	General Roofing Performance Specification Para. 6.2	The Architect shall provide written justification for a roof replacement or restoration in lieu of repair		
<input type="checkbox"/>	General Roofing Performance Specification Para. 9.1	All new roof installations require compliance to the minimum R/CI values found in IECC.		
<input type="checkbox"/>	General Roofing Performance Specification Para. 10.3.2	Have the existing HVAC curb heights been verified prior? Are taller curbs required?		
<input type="checkbox"/>	General Roofing Performance Specification Para. 2.1.1-2.1.7	A roof shall be determined as failed when any of the following conditions exist: loss of surface granules, visible fibers/felts, curling edges, hips & ridges leaking & failed underlayment.		
<input type="checkbox"/>	SFB recommendation	Based upon the above assessments, has the Architect included these conditions in his contract documents for this project prior to the start of construction?		
<input type="checkbox"/>	SFB recommendation	Are there existing solar panels on the roof? Please refer to SFB <a href="#">Rooftop Solar Policy</a> .		

<input type="checkbox"/>	Metal Roofs Specification 7.8.1-7.8.6	Metal panels shall meet the ASTM's & UL's found here in for air infiltration, water infiltration, roof uplift testing, static water head and underlayment.		
<input type="checkbox"/>	Metal Roofs Specification 7.4.7	Transition from metal to low slope shall be detailed to allow for low slope replacement in the future if required and to prevent the removal of metal panels.	The maximum width of a standing seam metal panel is 18". 24 gauge is specified w/o traffic but traffic paths would require 20 gauge.	
<input type="checkbox"/>	Metal Roofs Specification 7.	Components of a Standing Metal Seam Roofing system shall include rigid board insulation, cover board, underlayment, metal roof panels, fasteners, sealants & roof mounted equipment/accessories.		
<input type="checkbox"/>	Metal Roofs Specification 11.	The expectant end of life for a metal roofing system 20 years if properly maintained and inspected regularly.	Note: T-Lock standing seam metal roof should be preferred type system. This specification is only for District's reference as SFB is currently not providing funding for the metal roofs.	
<input type="checkbox"/>	Metal Roofs Specification 9.1	A 2 year minimum material & labor warranty shall be provided by the Contractor		
<input type="checkbox"/>	Pre-construction	Has the Architect's design package been submitted to the District, Liaison and the Structural & Mechanical Engineers?		
<input type="checkbox"/>	Pre-construction	Has this design package been reviewed by the Structural and Mechanical Engineers?		
<input type="checkbox"/>	Pre-construction	Has the actual roof assessment been submitted to the Liaison?		
<input type="checkbox"/>	Bid process	Has the District's procurement department received the approved design drawings and specifications?		
<input type="checkbox"/>	Bid process	Has the District advertised these documents?		
<input type="checkbox"/>	Bid process	Is the Liaison part of this procurement selection process?		
<input type="checkbox"/>	Bid process	The District shall include the requirement of payment & performance bonds.		
<input type="checkbox"/>	General Roofing Performance Specification Para. 2.1.7	Have the manufacturer's wind load calculations been included in the Bid documents?		
<input type="checkbox"/>	General Roofing Performance Specification Para. 2.1.10	If any manufacturer misses out on the Pre-bid meeting, it's the bidder's responsibility to make sure the manufacturer visits the site so a warrant document can be provided with the bid.		

DISTRICT NAME

DISTRICT ACKNOWLEDGED

DATE

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SFB LIAISON NAME

SFB LIAISON ACKNOWLEDGED

DATE

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ARCHITECT NAME

ARCHITECT ACKNOWLEDGED

DATE