



Structural Steel Inspection Report - Industry Vetted

30 Dec 2025 / Jeff Gold

Complete

Score	34 / 37 (91.89%)	Flagged items	3	Actions	0
Business unit	Unanswered				
Project name	Lumière Residence Expansion – Stage 2				
Project number	SC-2478				
Project location	2236 47th St Ensley, Birmingham, AL 35208, USA (33.4942078, -86.8760358)				
Conducted on	30 Dec 2025 12:00 PST				
Prepared by	Jeff Gold				
Drawing/Spec No.	S-102 Rev B and S-205 Rev A (current IFC set)				

Flagged items

3 flagged

Structural Steel Inspection / Pre-Installation Activities

Bolts, nuts, and washers are received packaged per spec and labeled appropriately

Fail

We are missing 2 more 5" bolts. Pls find them or ask for more

Structural Steel Inspection / Pre-Installation Activities

Base plates are at correct elevation and located correctly along N/S and E/W axes

Fail

Base plates are not at the correct elevation, with minor deviations noted along both N/S and E/W axes.

Structural Steel Inspection / Structural Steel Erection

At least two bolts are installed in each solid web beam during temporary positioning

Fail

not bolted properly. pls re-check everything agian



Photo 1

Structural Steel Inspection		3 flagged, 34 / 37 (91.89%)
Pre-Installation Activities		2 flagged, 8 / 10 (80%)
Structural members are received in good condition and stored on proper dunnage or racks		Pass
Members are clearly piece-marked or tagged according to erection drawings		Pass
Dimensional spot checks confirm compliance with approved shop drawings		Pass
Bolts, nuts, and washers are received packaged per spec and labeled appropriately		Fail
We are missing 2 more 5" bolts. Pls find them or ask for more		
Surface coatings or primer meet job requirements and were not damaged during shipping		Pass
Pre-installation bolt testing (e.g., Skidmore-Wilhelm test) completed		Pass
Base plates are at correct elevation and located correctly along N/S and E/W axes		Fail
Base plates are not at the correct elevation, with minor deviations noted along both N/S and E/W axes.		
Base plate grout pockets or leveling arrangements are prepared to spec		Pass
Torque wrenches or tensioning tools are calibrated and within certification		Pass
Concrete receiving anchor bolts has reached required curing (typically 75% design strength)		Pass
Structural Steel Erection		1 flagged, 13 / 14 (92.86%)
Columns are plumb in all directions and aligned within tolerance		Pass
Hold-down nuts and washers are in place and torqued to specification		Pass
At least two bolts are installed in each solid web beam during temporary positioning		Fail
not bolted properly. pls re-check everything again		



Photo 1

Bracing members have a minimum of one bolt during erection for stability	Pass
Horizontal framing is installed at correct elevations per plan	Pass
Bolted connections are completed using specified hardware and torqued per RCSC specs	Pass
Plate washers are installed for slotted holes where required	Pass
Welding is performed by qualified personnel and meets WPS and visual inspection criteria	Pass
Weld filler material is verified and welds are acceptable in size, appearance, and contour	Pass
Post-weld heat treatment is performed and documented if applicable	Pass
NDE for welds is completed and results are reviewed and accepted	Pass
Vertical and horizontal bracing is properly installed and bolted	Pass
Exterior siding supports are correctly located and anchored	Pass
Temporary supports and erection brackets are removed after permanent connections verified	Pass
Platforms, Ladders, and Access Systems	5 / 5 (100%)
Fixed ladders and cages are installed per OSHA and project specs	Pass
Fixed stairs are installed with correct rise, run, tread depth, and handrails	Pass
Railing systems for walkways and elevated work areas are properly anchored and meet fall protection standards	Pass
Grating and floor openings are flush, secure, and meet structural and safety requirements	Pass
Miscellaneous steel such as platforms and handrails are	Pass

securely installed and inspected

Coatings, Grouting, and Fireproofing

4 / 4 (100%)

Grouting at base plates is completed to specification and cleanly finished

Pass

Touch-up coating is applied to damaged or cut areas per coating system requirements

Pass

Fireproofing repairs are completed following steel modifications or inspection findings

Pass

Coating and fireproofing thickness verified where required by spec

Pass

Documentation and Close-Out

4 / 4 (100%)

Erection, bolting, and welding logs are complete and traceable

N/A

won't sign this is pass until every bolt and nut are in place

NDE reports are submitted and reviewed for all applicable welds

Pass

Field change documentation, RFIs, and deviations are closed out

Pass

Final inspection documentation is complete and accepted by quality control

Pass

All asbuilts and redline drawings are complete

Pass

Sign Off

Additional notes

Read my comments :)

Inspector signature



Jeff Gold
18 Dec 2025 14:10 PST

Supervisor signature



Sylver Salamonte
18 Dec 2025 14:11 PST

Media summary



Photo 1