SITE survey. APP

SITE SURVEY REPORT

Construction Quality Control Checklist

Prepared for	High Desert Logistics Partners LLC
Date	14 Oct 2026
Site	Building B, Lemmon Valley Distribution Center, Reno
Prepared by	D. Marchetti

FORM

Construction Quality Control Checklist

1. Work package and inspection

Project	Building B, Lemmon Valley Distribution Center, Reno: steel frame QC (completed example)
Project address	4850 Sierra Crest Parkway, Reno, NV 89506
Owner or client	High Desert Logistics Partners LLC
Location (GPS)	39.6412, -119.8571
Inspection date	14 Oct 2026
QC inspector or QC manager	D. Marchetti
Project or contract number	SB-2611
Work package or feature of work	Structural steel frame erection, Building B, gridlines 1 to 6
Trade	Structural steel
Subcontractor	Truckee Steel Erectors Inc.
ITP or QC plan reference and revision	ITP-05 Structural steel, rev 2
Specification sections	Section 05 12 00 Structural Steel Framing
Drawings and revisions used	S-201 rev C, S-501 rev B, erection drawings E1 to E4 rev 1
Stage of the work	Initial: first part of the work
Others present	R. Ybarra (superintendent), L. Tran (Truckee Steel foreman)

2. Materials against the approved submittals

Materials 1: Wide flange columns and rafters, gridlines 1 to 3

Material or product	Wide flange columns and rafters, gridlines 1 to 3
Approved submittal or reference	Submittal 05 12 00-003 rev 1, shop drawings
Delivery ticket, batch or heat number	Delivery tickets 4471 and 4472, mill certificates on file
Delivered material against the approval	Matches the approval

Materials 2: High-strength structural bolts, 3/4 in

Material or product	High-strength structural bolts, 3/4 in
Approved submittal or reference	Submittal 05 12 00-005
Delivery ticket, batch or heat number	Lot number on kegs matches the certificate
Delivered material against the approval	Matches the approval

Materials 3: Non-shrink grout for base plates

Material or product	Non-shrink grout for base plates
Approved submittal or reference	Submittal 05 12 00-007
Delivery ticket, batch or heat number	12 bags delivered 13 Oct
Delivered material against the approval	Does not match
What is different, or why not checked	Bags on site are a different product from the one approved in submittal 05 12 00-007. Quarantined in the container; not to be used until the substitution is approved or the right product arrives.

Photo of the material or label



Materials checked	3
Do not match the approval	1
Not checked	0

3. Workmanship checks

Drawings and specification on site are the current revision	Acceptable

Materials in the work match the approved submittals	Acceptable
Setting out, lines and levels checked against the drawings	Acceptable
Tolerance readings taken against the specification values	Acceptable
Workmanship meets the agreed standard or sample	Acceptable
Finished work and materials protected from damage and weather	Acceptable
Work area clean, clear of debris and offcuts	Action needed
What needs doing, or why not checked	Bolt boxes and banding left along gridline 5. Clear before the lift starts there.
Required test results received and attached, or tests booked	Not checked
What needs doing, or why not checked	No tests due yet. Bolting special inspection booked once plumbing is complete.
Items from the last inspection corrected	Not applicable
Standard checks needing action	1
Not checked	1
Acceptable	6

Checks for this package 1: All bolt holes filled and bolts snug-tight at haunch connections, gridlines 1 to 3

Check	All bolt holes filled and bolts snug-tight at haunch connections, gridlines 1 to 3
Requirement or clause	ITP-05 line 6, S-501 detail 4
Result	Acceptable

Photo



Checks for this package 2: Temporary bracing in place as the erection plan

Check	Temporary bracing in place as the erection plan
Requirement or clause	Erection drawing E2
Result	Acceptable

Checks for this package 3: Base plates in full bearing on grout, no voids

Check	Base plates in full bearing on grout, no voids
Requirement or clause	Spec 05 12 00, grouting
Result	Not checked
What needs doing, or why not checked	Grouting not started. Waits for final plumb and the grout substitution.
Package checks needing action	0
Acceptable	2

4. Tolerance readings by location

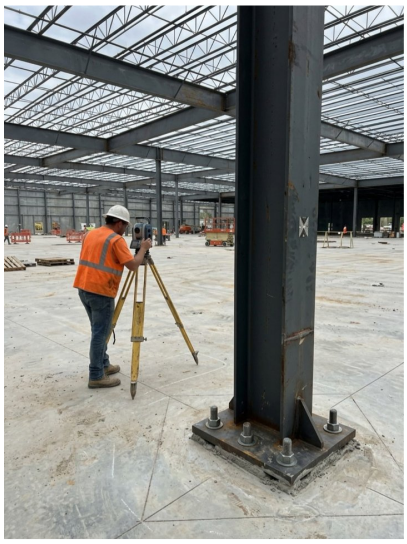
Locations 1: Column B-4

Location or element	Column B-4
Level, grid or elevation	Gridline B/4, ground floor
Location (GPS)	39.6413, -119.8569

Tolerance readings 1: Out of plumb, base to top

What was measured	Out of plumb, base to top
Unit	in
Spec or drawing reference for the tolerance	Project spec 05 12 00, erection tolerances
Design or target value	0
Allowed below the target	0
Allowed above the target	0.5
Measured value	0.69
Deviation from the target	0.69
Result	Fail: out of tolerance
Instrument used	Total station

Photo of the reading



Tolerance readings 2: Top of base plate against design elevation

What was measured	Top of base plate against design elevation
Unit	in
Spec or drawing reference for the tolerance	S-201 base plate schedule
Design or target value	0
Allowed below the target	0.25

Allowed above the target	0.25
Measured value	-0.06
Deviation from the target	-0.06
Result	Pass: within tolerance
Instrument used	Total station
Readings here	2
Out of tolerance	1
Notes	Leans east. Bracing on line 4 not yet tensioned.

Locations 2: Column C-4

Location or element	Column C-4
Level, grid or elevation	Gridline C/4
Location (GPS)	39.6413, -119.8566

Tolerance readings 1: Out of plumb, base to top

What was measured	Out of plumb, base to top
Unit	in
Spec or drawing reference for the tolerance	Project spec 05 12 00, erection tolerances
Design or target value	0
Allowed below the target	0
Allowed above the target	0.5
Measured value	0.31
Deviation from the target	0.31
Result	Pass: within tolerance
Instrument used	Total station

Tolerance readings 2: Top of base plate against design elevation

What was measured	Top of base plate against design elevation
Unit	in

Spec or drawing reference for the tolerance	S-201 base plate schedule
Design or target value	0
Allowed below the target	0.25
Allowed above the target	0.25
Measured value	0.13
Deviation from the target	0.13
Result	Pass: within tolerance
Instrument used	Total station
Readings here	2
Out of tolerance	0

Locations 3: Columns A-1 to A-3

Location or element	Columns A-1 to A-3
Level, grid or elevation	Gridline A, 1 to 3
Location (GPS)	39.6411, -119.8575

Tolerance readings 1: Out of plumb, worst of three columns

What was measured	Out of plumb, worst of three columns
Unit	in
Spec or drawing reference for the tolerance	Project spec 05 12 00, erection tolerances
Design or target value	0
Allowed below the target	0
Allowed above the target	0.5
Measured value	0.25
Deviation from the target	0.25
Result	Pass: within tolerance
Instrument used	Total station
Readings here	1
Out of tolerance	0

Photos of this location



Readings taken	5
Out of tolerance	1
Within tolerance	4

> A reading is out of tolerance. Raise a nonconformance on the next page, and do not build on or cover the work until it is dealt with.

5. Hold points, tests and nonconformances

Hold and witness points in this package 1: ITP-05 line 3: anchor rod survey before erection

ITP line or point	ITP-05 line 3: anchor rod survey before erection
Type	Hold point
Status	Released
Released or witnessed by	J. Okoro, Basin Survey Group
Date	6 Oct 2026

Hold and witness points in this package 2: ITP-05 line 7: final plumb and bolting before grouting

ITP line or point	ITP-05 line 7: final plumb and bolting before grouting
Type	Hold point
Status	Not released
What is needed before release	Column B-4 to be re-plumbed and re-shot, then the QC manager releases grouting.

Hold and witness points in this package 3: ITP-05 line 8: special inspection of high-strength bolting

ITP line or point	ITP-05 line 8: special inspection of high-strength bolting
Type	Witness point
Status	Not reached yet
Hold points reached, not released	1

> A hold point is not released. Work past it should wait until the person named in the ITP releases it.

Nonconformances raised 1: NCR-B-011

NCR number	NCR-B-011
Location	Column B-4
What does not conform	Out of plumb 0.69 in against 0.50 in allowed in the project spec.
Proposed disposition	Rework
Status	Open
Nonconformances	1
Still open	1

6. Result, actions and sign-off

Checks acceptable	8
Materials not matching	1
Readings out of tolerance	1
Open nonconformances	1
Items needing action	4
Overall result	Action needed before the work is built on or covered

Actions 1: Tension the line 4 bracing, re-plumb column B-4 and send the new survey shot.

Action	Tension the line 4 bracing, re-plumb column B-4 and send the new survey shot.
Priority	Before the next stage
Who will do it	L. Tran, Truckee Steel Erectors
Due by	16 Oct 2026

Status	In progress

Actions 2: Approved grout to site, or substitution submittal to the architect. Keep the wrong bags quarantined.

Action	Approved grout to site, or substitution submittal to the architect. Keep the wrong bags quarantined.
Priority	Before the next stage
Who will do it	R. Ybarra, Sagebrush Builders
Due by	17 Oct 2026
Status	Open

Actions 3: Clear bolt boxes and banding from gridline 5.

Action	Clear bolt boxes and banding from gridline 5.
Priority	Before the next stage
Who will do it	L. Tran, Truckee Steel Erectors
Due by	15 Oct 2026
Status	Done, checked
Actions still open	2
Decision	Proceed once the listed actions are done
Next inspection or re-inspection date	16 Oct 2026

> This is the contractor's quality control record. It does not accept the work for the owner, engineer or building official, and their inspections do not replace it.

Summary	Gridlines 1 to 3 erected and bolted. Column B-4 out of plumb, NCR-B-011 raised. Grout on site is not the approved product. No grouting until line 7 is released.
QC manager name	D. Marchetti
QC manager signature	
Subcontractor representative name	L. Tran

Subcontractor representative signature

