

Site Specific Steel Erection Plan and Checklist

Project Name/Location: _____

Project Number: _____ Date: _____

Fabricator: _____ Controlling Contractor _____

Engineer of Record: _____ SESAC Project Manager: _____

Fabricator Contract.: _____ SESAC Supt: _____

SESAC Crane Oper: _____ SESAC Project Engineer: _____

Scope of Work	(X)		
Pre-Engineered Metal Building	_____	Sq. Ft. _____	Tons _____
Conventional Steel Building	_____	Sq. Ft. _____	Tons _____
Complex Steel Structure	_____	Sq. Ft. _____	Tons _____
Roofing	_____	Sq. Ft. _____	Tons _____
Siding	_____	Sq. Ft. _____	Tons _____
Decking	_____	Sq. Ft. _____	Tons _____
Miscellaneous Steel	_____	Sq. Ft. _____	Tons _____
General Miscellaneous	_____	Sq. Ft. _____	Tons _____
General Description of Work:	_____		

Footings, Piers, Walls and Anchor Bolts

1. Has concrete reached 75% of sufficient strength? _____ Yes _____ No
2. Proof of Strength:
 - a. ASTM test method results _____ Yes _____ No
 - b. Engineer verification _____ Yes _____ No
3. Were anchor bolts repaired, replaced or modified? _____ Yes _____ No
4. Was contractor notified in writing? _____ Yes
_____ No

Notification of Commencement of Steel Erection

1. Was written notification given to SESAC? _____ Yes _____ No

Site Layout

1. Has controlling contractor provided adequate access to site? _____ Yes _____ No

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2. Is lay down area firm, properly graded, well drained and accessible? _____ Yes _____ No

Pre-Construction Site Conference

- Has a Pre-Construction Site Conference been held? _____ Yes _____ No
Please list those attending

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Sequence of Erection Activity

1. Give a general sequence of erection activities: _____

2. Has erector Submitted an Erection Sequence to Steel Fabricator? _____ Yes _____ No

3. Material delivery date: _____

4. How will activities be coordinated with other trades? _____

Cranes

1. Crane Type(s): Crane #1 _____ Crane #2 _____ Crane #3 _____

2. Crane Brand: Crane #1 _____ Crane #2 _____ Crane #3 _____

3. Crane Capacity: Crane #1 _____ Crane #2 _____ Crane #3 _____

4. How is the site prepared for the crane? _____

5. How many different locations will the crane have and where are they? _____

6. What is the path for overhead loads? _____

7. How will employees be notified of overhead loads? _____

8. Are there any critical lifts? (75% of capacity or dual crane) _____ Yes _____ No

a. How many? _____

9. Describe critical lifts: _____

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10. Are lift permits attached for critical lifts? Yes No
11. Has trucking to site been approved? Yes No

Steel Erection Activities / Procedures (give a description of the following items and how they will be performed)

1. Temporary Bracing / Guying: _____

2. Repair, Replacement or Modification of Anchor Bolts: _____

3. Columns / Beams (Joists or Purlins): _____

4. Connections: _____

5. Decking: _____

6. Roofing: _____

7. Siding: _____

8. Steel Grating: _____

9. Handrail or Miscellaneous Iron: _____

Fall Protection (Please identify the Fall Protection procedures for the following tasks):

1. Erection of vertical structural members JLG Lift / Tie-Off
 Scissor Lift / Guardrails
 Vertical Lifeline / Harness and Lanyard
 Retractable Lanyard / Harness
 Other – Explain _____
2. Erection Horizontal Structural Members JLG Lift / Tie-Off
 Scissor Lift / Guardrails
 Vertical Lifeline / Harness and Lanyard
 Retractable Lanyard / Harness
 Other – Explain _____
3. Installation of Bolts & welded connections JLG Lift / Tie-Off

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- _____ Scissor Lift / Guardrails
_____ Vertical Lifeline / Harness and Lanyard
_____ Retractable Lanyard / Harness
_____ Other – Explain _____
4. Installation of Spandrel Framing _____ JLG Lift / Tie-Off
_____ Scissor Lift / Guardrails
_____ Vertical Lifeline / Harness and Lanyard
_____ Retractable Lanyard / Harness
_____ Other – Explain _____
5. Installation of Decking _____ JLG Lift / Tie-Off
_____ Scissor Lift / Guardrails
_____ Vertical Lifeline / Harness and Lanyard
_____ Retractable Lanyard / Harness
_____ Other – Explain _____
6. Unprotected Sides / Edges _____ JLG Lift / Tie-Off
_____ Scissor Lift / Guardrails
_____ Vertical Lifeline / Harness and Lanyard
_____ Retractable Lanyard / Harness
_____ Other – Explain _____
7. Leading Edges _____ JLG Lift / Tie-Off
_____ Scissor Lift / Guardrails
_____ Vertical Lifeline / Harness and Lanyard
_____ Retractable Lanyard / Harness
_____ Other – Explain _____
8. Holes _____ JLG Lift / Tie-Off
_____ Scissor Lift / Guardrails
_____ Vertical Lifeline / Harness and Lanyard
_____ Retractable Lanyard / Harness
_____ Other – Explain _____
9. Wall Opening _____ JLG Lift / Tie-Off
_____ Scissor Lift / Guardrails
_____ Vertical Lifeline / Harness and Lanyard
_____ Retractable Lanyard / Harness
_____ Other – Explain _____
10. Has fall protection training been documented? _____ Yes _____ No
11. Is a competent person on-site at all times? _____ Yes _____ No
12. Were fall protection systems designed by a Qualified Person? _____ Yes _____ No

Falling Object Protection

1. Method for securing loose items aloft: _____

2. Are all personnel wearing hardhats? _____ Yes _____ No
3. Are erection areas properly barricaded? _____ Yes _____ No

Hazardous Non-Routine Tasks

1. Are Job Safety Analyses performed on all non-routine hazardous tasks?

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2. Attach JSA's. Yes No

Training Certification

1. Are all personnel properly trained for performing steel erection activities?
 Yes No
2. Are all personnel properly trained for the use of fall protection systems?
 Yes No
3. Attach documentation of training.

List of Qualified and Competent Persons

1. Qualified Person for site specific erection plan: _____
2. Qualified Person for fall protection system design: _____
3. Qualified Rigger: _____
4. Crane Operator: _____
5. Crane Inspector: _____
6. Fall Protection Competent Person: _____

Emergency Rescue Procedures

Self-Rescue Emergency Response Team Manbasket
 Stair Tower 1st Aid Trained Personnel Hoists
 Aerial Lifts Other

Comments: _____

Completed By: _____ Date: _____

Reviewed By: _____ Date: _____