

Pre-Lift Setup Checklist

Yes/No **Preparation: Prior to setting up cranes, SCA project Officers should walk areas where cranes are to be set up and discuss with GC and subcontractor the following:**

Foundation:

Is ground where crane will be set up stable and soil identified?

Are there any subways, rail tunnels, etc. near the crane set up area?

Are there any voids or vaults?

If yes, have the proper subway or transit authorities been notified or consulted?

If there are concerns with stability, has an engineer been assigned to evaluate the soil and foundation?

Has the soil / foundation been approved for the crane and load considerations?

Is there documentation for it?

If not, has a cribbing design been submitted by the engineer?

Are there any backswing concerns for the cranes cab? (Residents, cars, utility poles etc.)

Power Lines:

Are there any power lines present next to or beneath any area where the crane boom or load will swing/lift?

If yes, have the sources been identified and has energy provider (e.g. Con Edison) been consulted for precautions?

If yes, have power-lines been protected, moved or has letter from utility company been provided stating lines are de-energized or low voltage?

Off Hours:

Will the crane be operating outside of normal work hours? (Weekdays, 6PM-7AM)

If not is an after hours work permits (NYCDOB) in place?

Has the SCA Safety Office been notified? (Forms available, SCA Safety Manual)

Area for load:

Is area where material being lifted an occupied building or will other workers be working in the building?

Will any other person(s) be working in the vicinity of the crane?

If yes, has their Safety been addressed?

If the building is occupied has the owner been notified?

Will the top floor(s) have to be evacuated prior to the lift?

Will any other areas of the building have to be protected from unauthorized personnel? (Penthouse doors, stairwells)

Will any residents or neighboring structures be affected by the swing of the load?

If yes have they been notified, protected?

Will parking lanes, traffic lanes be affected or altered?

Have the proper New York City DOT permits been filed?

Will additional traffic measures need to be taken? Barricades, detours signs, Police assigned, etc.

If roads are being closed or traffic detoured, will signs be posted 48 hours in advance of operation as per New York City DOT rules?

Will private vehicles need to be moved from street or parking lots?

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Pre-Lift Setup Checklist Continued

Day of lift:

Has the SCA Project Officer verified the following paperwork prior to all crane set ups:

NYC DOT permits for any road closures, limitations

CD-2 Forms for ALL cranes and hoisting trucks

CD 4 Permits on site (If applicable)

Are engineered drawings attached? (If applicable)

Is a Master Rigger assigned? (Verify license)

After hours work permit

Additional forms for NYC Department of Buildings (Form CD8, CD3 etc)

Cranes Licenses verified for all operators

Pre Operational Inspection been performed and documented by crane operator or competent person?

Additional Items of concern:

Flag person(s) stationed at all roadway entrances.

Pedestrian traffic closed or detoured

All rigging for lift been inspected by competent person

Pre Lift meeting held and documented (As per NYC Dept. of Buildings)

Hand signals or other means of communication been established for crane operator and signal person

Building, areas cleared of unauthorized personnel