

PROJECT: ABC SCHOOL ADD/ALT
LOCATION: ANYTOWN, NY
CONTRACTOR: SCHMUCK BROTHERS CONSTRUCTION
INSPECTOR: KEN BROWN – CARINA CONSTRUCTION SERVICES

Item # 1: This roofer below gained access on to this roof by way of a stepladder. The ladder was opened but was lower than the top of the roof. The extension ladder was not extending up a minimum of 3’ and it was not tied off.

CFR Reference: 1926.1053(b)(1),(8)

Recommended Correction: Raise extension ladder 3’ above roof deck and tie off the ladder.



Item # 2: This ironworker below gained access to this roof by way of this stepladder. Stepladders must have the metal spreader or locking device opened when in use.

CFR Reference: 1926.1053 (a)(8)

Correction: I observed the General Contractor make a job-made ladder for the ironworkers to gain access to this section of roof.



Item # 3: A warning line needs to be established in this area to keep the carpenters installing wood blocking away from this edge of the roof.

CFR Reference: 1926.502.f.1-2

Recommended Correction: Install warning line, at least 34” high, able to withstand 16 lb of horizontal force, 6’ - 8’ from edge, and flagged at 6’-0” intervals. Workers working on the leading edge will need to be tied off.



Item # 4: This extension cord needs to have a GFCI. Extension cords can not be plugged into permanent power without a GFCI device. Additionally the cord should be moved out of the water.

CFR Reference: 1926.404 (b)(1)(ii)

Recommended Correction: Use a GFCI device, or attach to temporary power equipped with GFCI protection.



Item # 5: This damaged extension cord was being used.

CFR Reference: 1926.416.e.1

Correction: I observed the General Contractor cut the ends off the cord, take it out of service, and tag it for repair.



Item # 6: Scaffold platform is not level, is not fully planked, does not have base plates or mud sills installed. The work area is also extremely cluttered, presenting additional hazards.

CFR Reference: 1926.451.c.2; 1926.25.a

Recommended Action: Install scaffold level, install base plates and mud sills. Clean work area of debris and unused equipment.



Item # 7: Worker not wearing a hard-hat. Bucket shall not be used on top of a Baker scaffold to increase the height of the platform. Can not stand on side-rail while working.

CFR Reference: 1926.451.f.14; 1926.100.a

Recommended Correction: Remove bucket from platform. Wear the hard-hat. Raise platform on Baker scaffold or get a taller scaffold.



Item # 8: Workers can not stand on guardrails of lift basket. Fall protection is required as ironworkers are 15' above work surface. Worker on right needs to clip harness lanyard to the lift basket.

CFR: 1926.423.b.2.iv – v

Recommended Correction: Stay in lift basket while working. Tie off harness lanyard to the lift basket.



Item # 9: Workers are not wearing hard-hats, when overhead hazards are present. Working off makeshift platform, lashed to forklift forks is not allowable. Working out of excavator bucket is not allowable. Ladder access must extend 3' above a properly built working platform. An operator must be in the forklift at all times when the forklift is in use.

CFR: 1926.100.a; 1926.453.b; General Duty Clause; 1926.1053.b.1

Recommended Correction: Wear hard-hats. Use a proper all terrain basket lift. Working out of buckets or on make shift platforms is **never** allowable. Provide ladder access to roof or scaffolding, with top of ladder extending 3' above work surface.



Item # 10: Spoil pile must be 2' back from edge of bottom of excavation area. Additionally sides of excavation are not properly benched or sloped.

CFR Reference: 1926.651.j.2

Recommended Correction: Move spoil pile. Excavate earth to level no greater than 5' above bottom of work area. Alternate method: Install sheilding or sheet piling to protect excavated area.

