

The following language shall be included minimally in this specification section and supplemental to language normally supplied by the architect. The architect is to modify and/or expand the language as appropriate to the project.

01 50 10**PROTECTION OF THE PUBLIC DURING CONSTRUCTION****PART I - PUBLIC AND OTHER GROUND LEVEL PROTECTION:**

- 1.1 Before any demolition work is begun, every sidewalk or public thoroughfare adjacent to, or near enough to be effected by the work, shall be closed, relocated, or protected as specified in this standard. Thoroughfares, which are to be used by the public, shall be kept clear, clean and unobstructed at all times. Whenever possible, pedestrian and vehicular traffic should be prohibited from using any area, which is closer to the perimeter of a structure being demolished than one-third of the height of the structure.
- 1.2 Every structure to be demolished or area of significant disturbance should be completely enclosed within a substantial fence at least eight (8) feet high. Whenever possible, such a fence shall be erected at a distance from the perimeter of the structure of not less than one-third (1/3) of the height of the structure.
- 1.3 When pedestrian traffic is required to use an area closer to the perimeter of a structure being demolished than one-third (1/3) the height of a structure, a substantial sidewalk shed, built in conformance with applicable standards for such sheds, shall be constructed over the entire length of such public use route which is adjacent, a joining, contiguous, or abutting the structure to be demolished. The sidewalk shall be of sufficient width to accommodate pedestrian traffic without causing congestion.
- 1.4 When necessary for the public to enter a building under construction or demolition, an entrance on the street side shall be protected by sidewalk sheds or canopies, or both.
- 1.5 **WARNING DEVICES:**
 - A. Danger signs of effective design and ample sized, and illuminated when necessary, shall be conspicuously posted around the perimeter of the affected area, and all doorways or other means of access to the property shall be kept adequately barricaded, except during the actual passage of personnel or equipment.
 - B. During hours of darkness, dependable bright warning lights shall be securely placed on or about all barricades, and elsewhere as needed. Lights should be

- safely located and firmly secured to prevent their becoming hazards to the public, or presenting a fire hazard. Lights shall be non-flame, or battery operated.
- C. Where in order due to location, size, or other aspects of the operation, a watchman shall be provided when work is not in progress to prevent and control fires, and to prevent the public from entering the area, and to maintain all danger signs, lights, barricades, or other public-protection devices.

1.6 CHUTES:

- A. No material shall be dropped to any point lying outside the exterior walls of the structure unless job conditions safely warrant otherwise, the area is effectively protected, and personnel and the public excluded there from. All material chutes or sections thereof at an angle of more than 45 degrees from the horizontal shall be entirely enclosed, except for openings equipped with closures at or about floor level for the insertion of materials.
- B. The chute openings shall not exceed forty-eight (48) inches in height measured along the wall of the chute, and at all stories below the top floor such openings shall be kept closed when not in use.
- C. A substantial gate shall be installed in each chute at or near the discharge end. A competent employee shall be assigned to control the operation of the gate and the backing and loading of trucks. The employee assigned shall be instructed to prevent any person from standing or passing under or near the discharge end of the chute.
- D. When operations are not in progress, the areas surrounding the discharge end of a chute shall be securely closed, or otherwise made safe.
- E. Any opening into which workmen dump debris at the top of a chute shall be protected by a substantial guardrail rising to at least thirty-six (36) inches above the floor or other surface on which the men stand to dump the material. Any space between the chute and the edge of openings in the floors through which material is passed shall be solidly covered over.
- F. Where the material is dumped from wheel-barrels, a securely attached toeboard or bumper not less than four (4) inches thick and six (6) inches high shall be provided at each chute opening.
- G. Chutes shall be designed and constructed to eliminate hazards of impact of materials or debris loaded therein. This can be accomplished by the use of adequate materials in the construction of the chutes, by the inclusion of paddles or baffles, or other controlling devices to slow the flow of the material, and by changing the direction of the chutes not less than once every six floors.

