

EXHIBIT "A"

Shoring for Excavation Within the Street and Sidewalk Area – Removal and Other Requirements



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The treatment of the shoring system with the sidewalks and street areas, after building construction has been completed, and is as follows:

- a) All members of the shoring system in the sidewalk area, at or within two (2) feet of the property line, shall be removed to a distance of (4) feet below the adjacent sidewalk grade. All tie-back connections to soldier beams within this 4 feet distance shall be severed.
- b) All members of the shoring system in the sidewalk or roadway area, two (2) feet or more from the property line, shall be removed to a distance of ten (10) feet below the sidewalk grade. All tie-back connections to soldier beams within this 10 feet distance shall be severed.
- c) All timber shoring left in place above the low water table, shall be treated with wood preservative in accordance with the applicable requirements of Section 415 of the Standard Specifications. If low water table has not been determined definitely, all timber shoring to be left in place shall be so treated.
- d) Tie-backs will be followed to remain in place provided they are encased in concrete. However, the tie-back connection to the soldier beam shall be severed and the appropriate portions of the shoring system removed as applicable to the requirements in (a) and (b) above.
- e) Concrete will be allowed to be poured against the shoring system provided a bond breaker, such as building paper is installed adjacent to that portion of the shoring system to be removed.

The temporary shoring and tie-backs in the street area shall not be used to provide permanent support after the completion of the construction project, since they may be subject to removal upon any subsequent conflict with a public project in the street area.

This policy is intended as a uniform guide for Contractors to include in their shoring plans. Requests for deviation from the above mentioned policy will be considered only if, in the opinion of the City Engineer, the individual project requirements warrant special conditions.

**APPROVAL OF SAN FRANCISCO PUBLIC WORKS STREET IMPROVEMENT
INSPECTORS IS REQUIRED PRIOR TO BACKFILLING AND PRIOR TO
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