

TOEBOARD Accessory

TOEBOARD DEFINED

- TOEBOARD means a low protective barrier that will prevent the fall of materials and equipment to lower levels and provide protection from falls for personnel [on non-portable systems mounted on sloped roofs]. (OSHA 1926.500)

WHEN TO USE TOEBOARDS

PORTABLE GUARD RAIL shall be provided with a ToeBoard:

1. When the unprotected edge does not have a substantial barrier (such as a parapet wall on a roof) [DETAILS 'A' & 'B', page 4]

AND

The fall of materials and equipment are a potential at a work area (such as at a mechanical unit near the edge of a roof)

AND

Wherever, beneath the open sides,

- Persons can pass,
- There is moving machinery, or
- There is equipment with which falling materials could create a hazard.

(OSHA 1910.23 (c)(1))

2. At every ladderway floor opening or platform - shall be guarded by a standard railing with standard TOEBOARD on all exposed sides (except at entrance to opening), with the passage through the railing either provided with a swinging gate or so offset that a person cannot walk directly into the opening (OSHA 1910.23(a)(2)).
3. On a Continuous Run - the TOEBOARD protection shall extend one GUARD RAIL unit on either side of a work area (TOEBOARD Manual page 5).

4. In the "Protection from falling objects." When an employee is exposed to falling objects, the employer shall have each employee wear a hard hat and shall implement one of the following measures:
- Erect TOEBOARDS, screens, or guardrail systems to prevent objects from falling from higher levels; or,
 - Erect a canopy structure and keep potential fall objects far enough from the edge of the higher level so that those objects would not go over the edge if they were accidentally displaced; or,
 - Barricade the area to which objects could fall, prohibit employees from entering the barricaded area, and keep objects that may fall far enough away from the edge of a higher level so that those objects would not go over the edge if they were accidentally displaced.
- (OSHA 1926.501(c))
-

PORTABLE GUARD RAIL TOEBOARDS, when used as falling object protection:

- Shall be erected along the edge of the overhead walking/working surface for a distance sufficient to protect employees below. (OSHA 1926.502(j)(1))

AND

- Where tools, equipment, or materials are piled higher than the top edge of a ToeBoard, paneling or screening shall be erected from the walking/working surface or ToeBoard to the top of a guardrail system's top rail or midrail, for a distance sufficient to protect employees below. (OSHA 1926.502(j)(4))

PGR TOEBOARD CONSTRUCTION

- ToeBoards shall be capable of withstanding, without failure, a force of at least 50 pounds (222 N) applied in any downward or outward direction at any point along the ToeBoard. (OSHA 1926.502(j)(2))
- ToeBoards shall be a minimum of 3 1/2 inches (9 cm) in vertical height from their top edge to the level of the walking/working surface. They shall have not more than 1/4 inch (0.6 cm) clearance above the walking/working surface. They shall be solid or have openings not over 1 inch (2.5 cm) in greatest dimension. (OSHA 1926.502(j)(3))

TYPE-TB: METAL TOEBOARDS WITH ASSEMBLY FITTINGS

- Fabricated sheet steel toeboard with durable galvanealed or powder coated finish.
- Pre-mounted assembly fittings slides onto base fittings without any tools required.

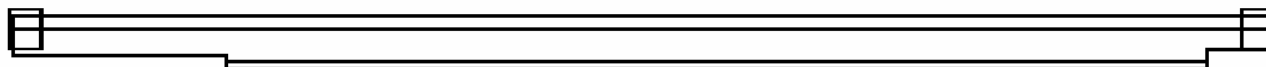
TYPE-AF: WOOD TOEBOARD ASSEMBLY FITTING

- Fabricated finished galvanealed sheet steel assembly fittings.
- Fitted for 2x4 lumber toeboard (*not provided*).

METAL TOEBOARD WITH ASSEMBLY FITTINGS –TYPE TB

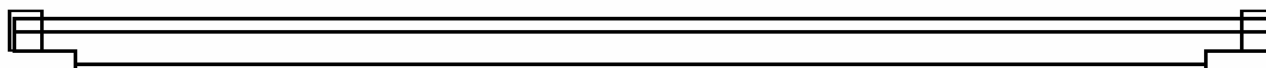


TOP VIEW



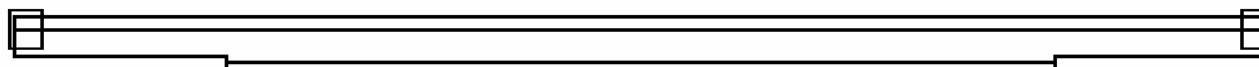
TB-(6' or 8' or 10') L - SIDE VIEW

PART #s: 7900020 or 7900022 or 7900024



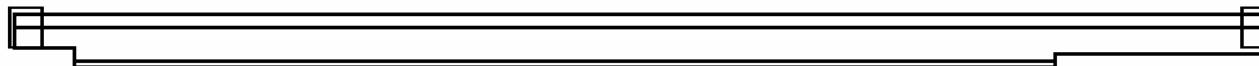
TB-(6' or 8' or 10') M - SIDE VIEW

PART #s: 7900013 or 7900015 or 7900017



TB-(6' or 8' or 10') M2 - SIDE VIEW

PART #s: 7900014 or 7900016 or 7900018



TB-(6' or 8' or 10') R - SIDE VIEW

PART #s: 7900019 or 7900021 or 7900023

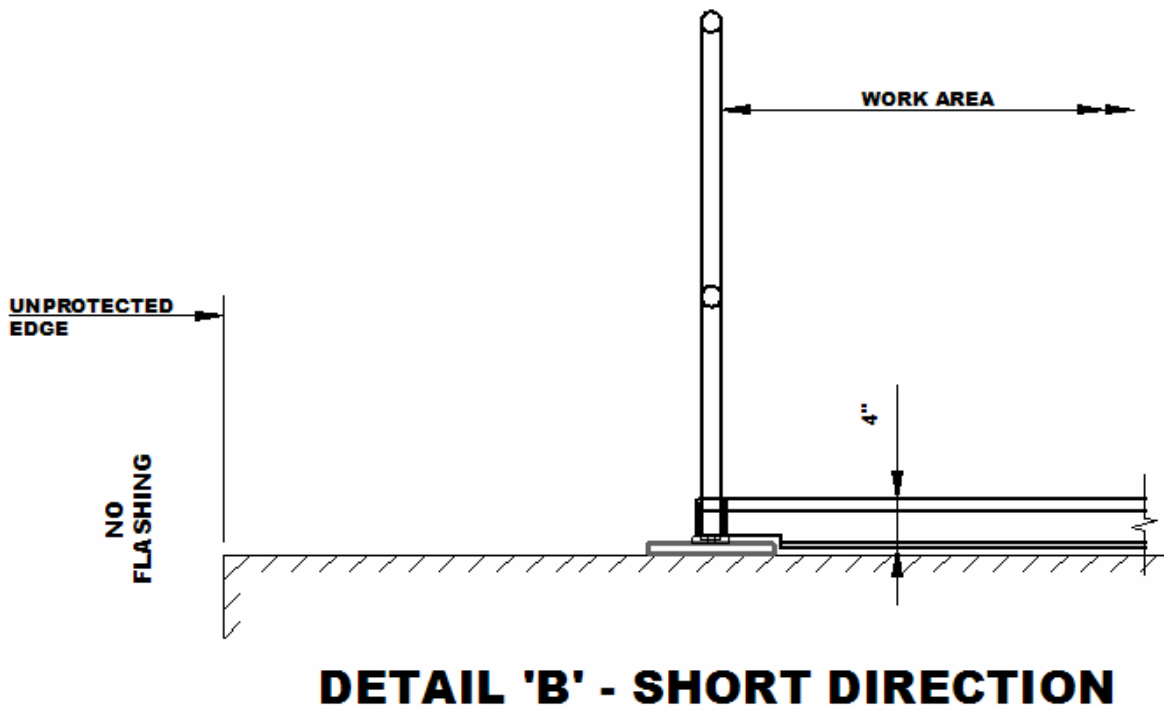
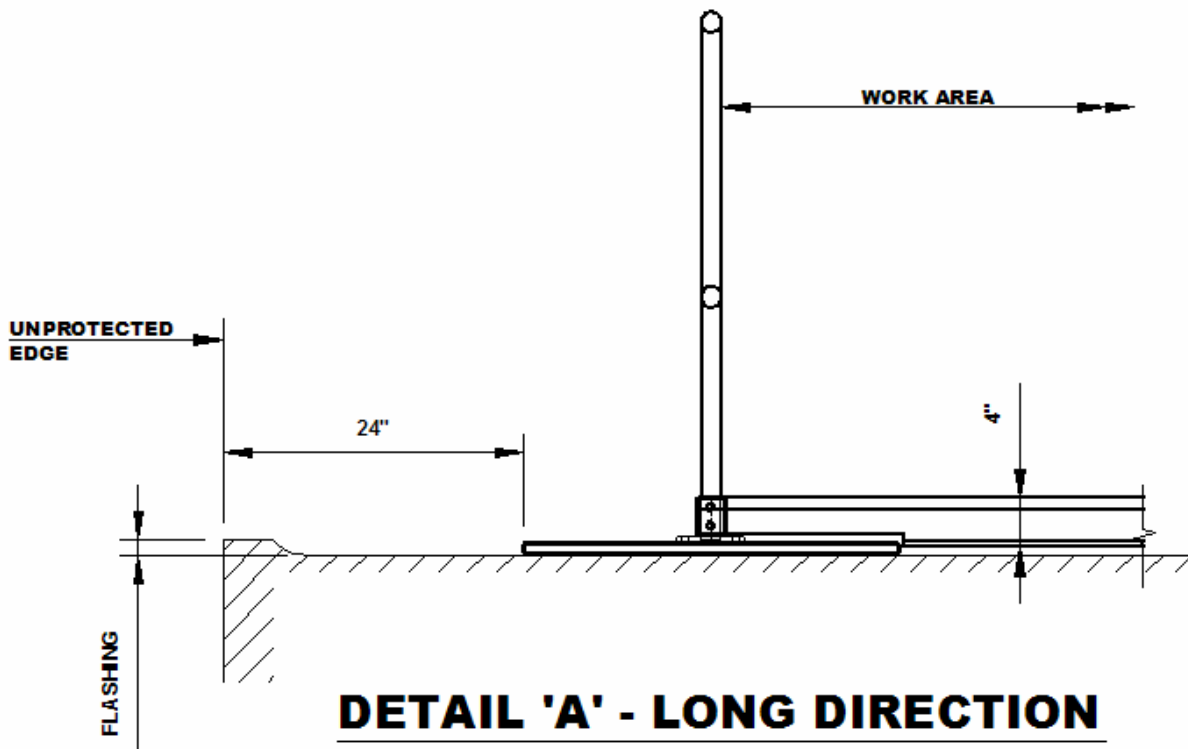


CUSTOM LENGTH WITH SPLICE PLATE TBSP4

SPLICE PLATE KIT PART #: 7900025 (INCLUDES TWO PLATES)

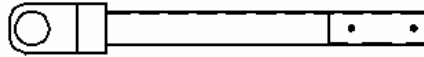
Please contact the manufacturer's representative to determine the type and part number required for your installation.

METAL TOEBOARD DETAILS - TYPE TB

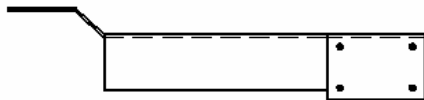


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WOOD TOEBOARD ASSEMBLY FITTINGS – TYPE AF



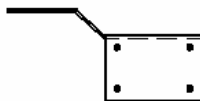
AF-L TOP VIEW



AF-L SIDE VIEW

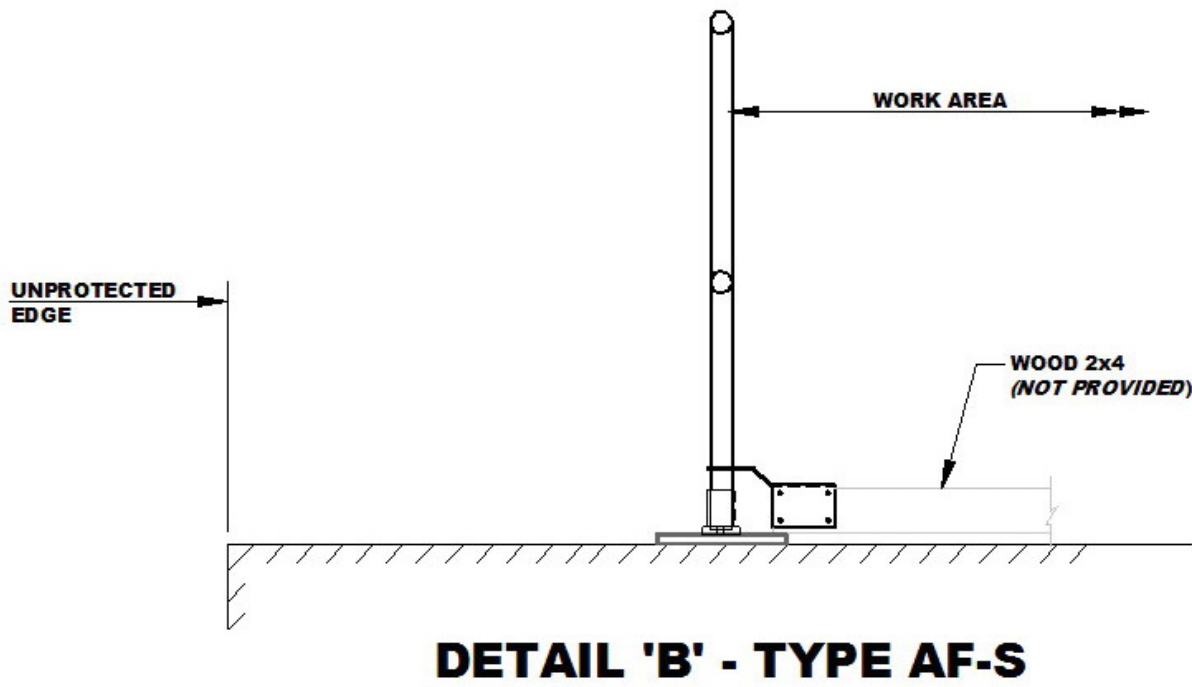
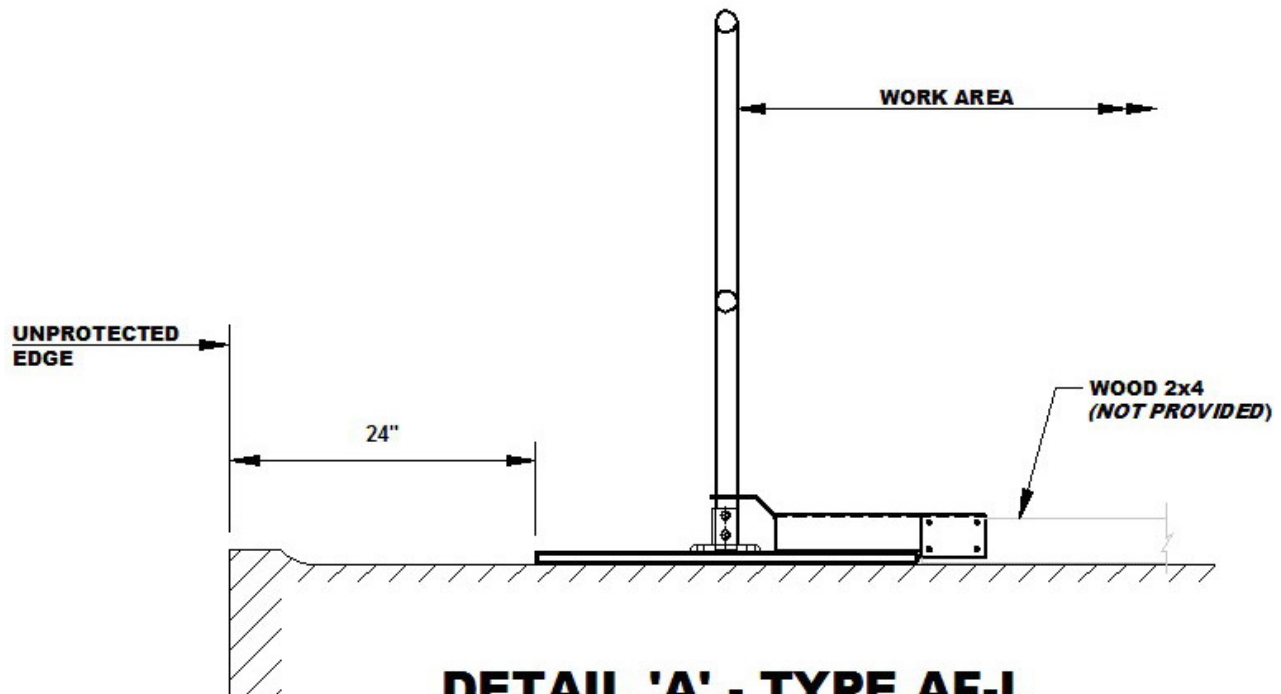


AF-S TOP VIEW



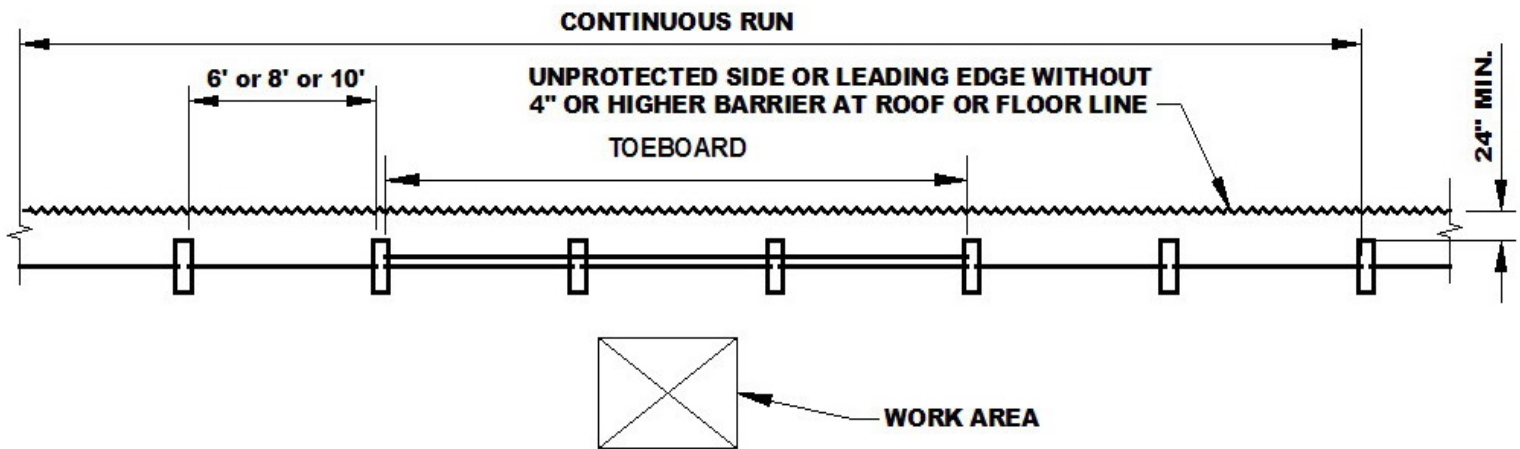
AF-S SIDE VIEW

WOOD TOEBOARD DETAILS - TYPE AF

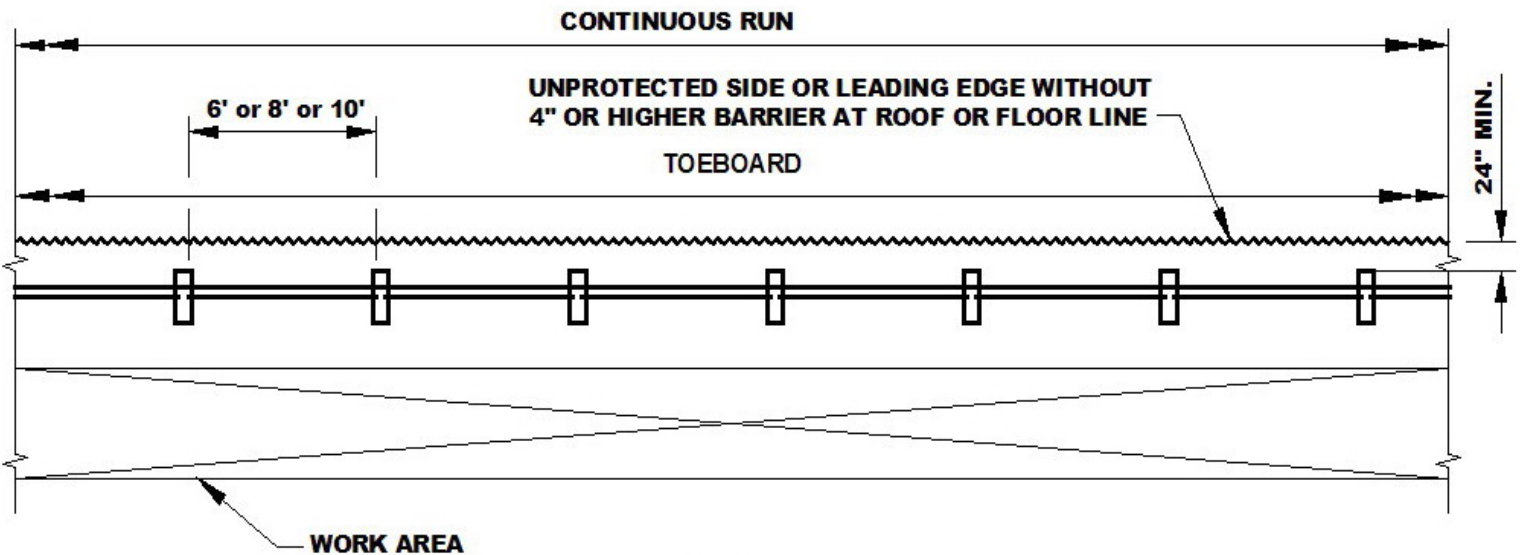


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TOEBOARD INSTALLATION CONFIGURATIONS



CORRECT !! 😊



CORRECT !! 😊

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TOEBOARD INSTALLATION PROCEDURES

- 1) After laying out the job and placing BASE PLATES per the “PGR-M INSTALLATION PROCEDURES, slide the TOEBOARD over the BASEPLATE (BP2Y5) fitting which is mounted on the BASE PLATE.
- 2) Be sure the proper TOEBOARD model is used with the properly corresponding BASE PLATE orientation (long or short direction).
- 3) Insert the Guardrail sections M6, M8 or M10 into BASE PLATE (BP2Y5) fitting which is mounted on the BASE PLATE.
- 4) It is necessary to rise up the TOEBOARD assembly at this point to tighten the set screws for the fittings mounted on the BASE PLATE.