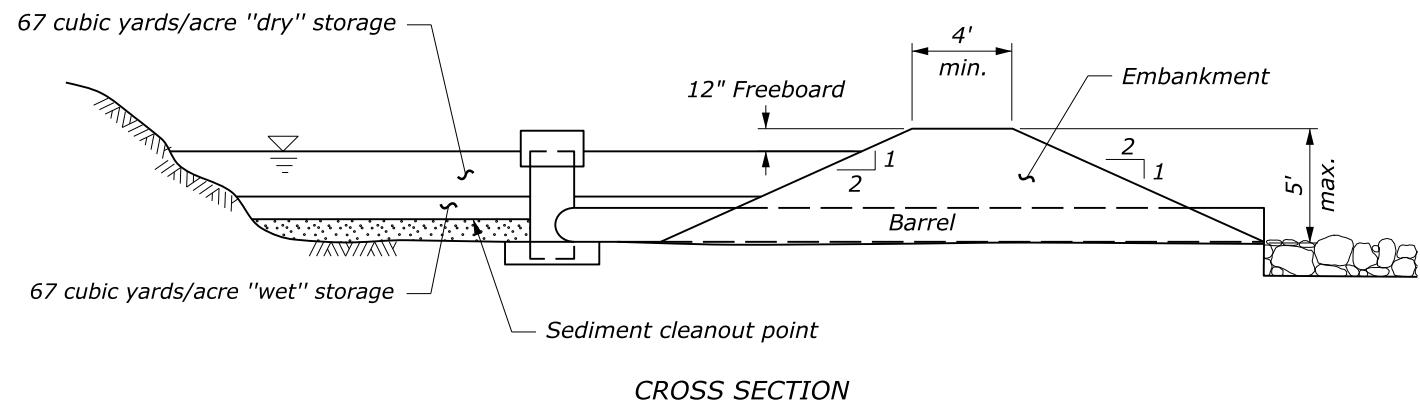


CROSS SECTION THROUGH SPILLWAY

ELEVATION

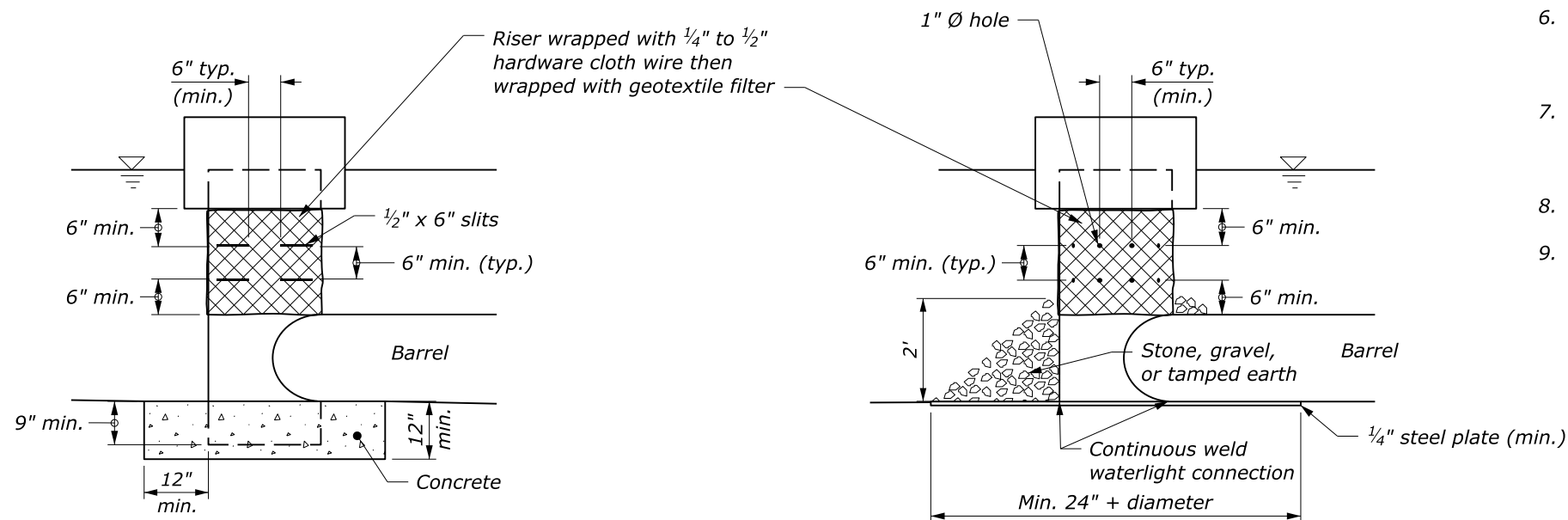
SEDIMENT TRAP (TYPE A) RIPRAP OUTLET



CROSS SECTION

NOTE:

1. Clear, grub, and remove all vegetative matter including root mat before constructing sediment trap.
2. Remove vegetative matter, other organic material, and large stones from embankment fill material.
3. Compact embankment in 8-inch layers using construction equipment for compaction of each layer.
4. Seed the soil embankment and all cut slopes with temporary or permanent vegetation within 7 days of construction.
5. Remove sediment from sediment trap when accumulated sediment reaches half the design water storage of the trap.
6. Inspect sediment trap regularly for damage and accumulated sediment and especially after each storm event. Make repairs as required.
7. Remove the sediment trap and stabilize the location by grading and seeding when the upslope drainage area has been stabilized against erosion.
8. Do not use sediment traps for drainage areas over 5 acres.
9. Provide geotextile filter conforming to Subsection 714.01(a).



CONCRETE BASE WITH SLIT PERFORATIONS IN RISER

STEEL PLATE BASE WITH HOLE PERFORATIONS IN RISER

SEDIMENT TRAP (TYPE B) PIPE OUTLET

NO SCALE

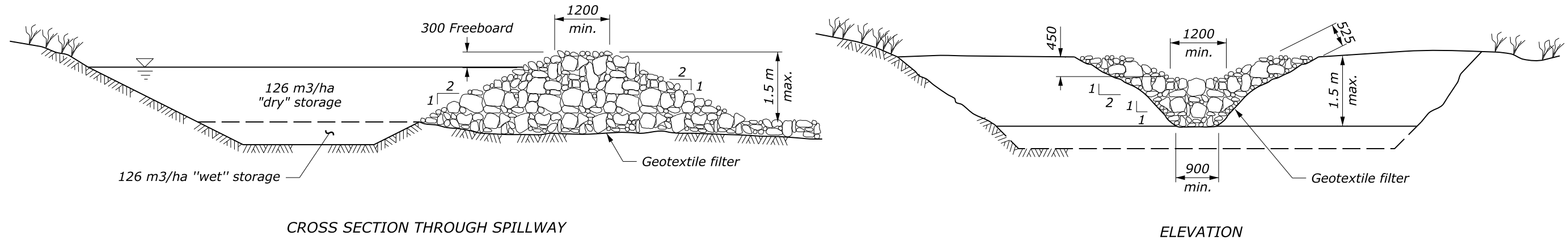
U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

FLH STANDARD
157-4

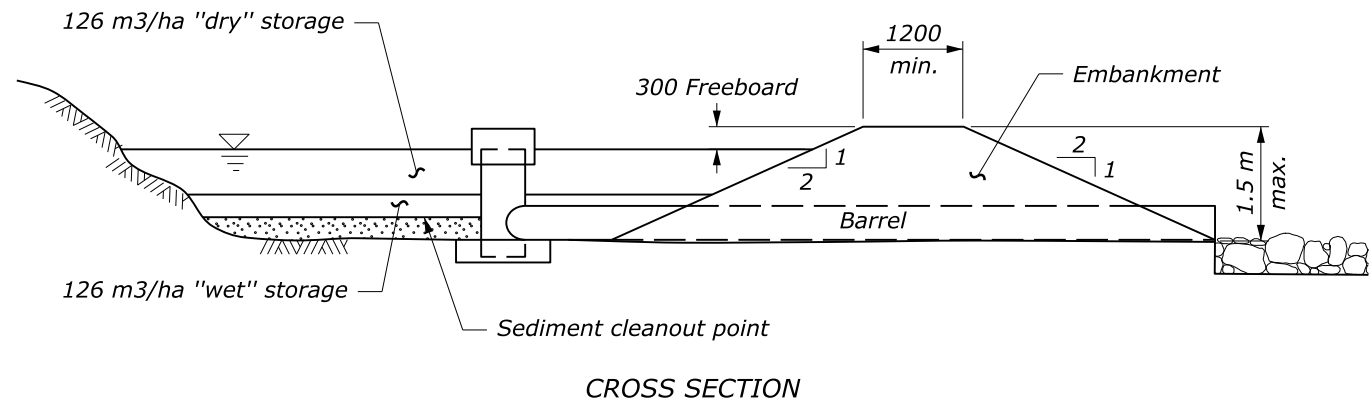
SEDIMENT TRAP

SPECIFICATION
FP-14

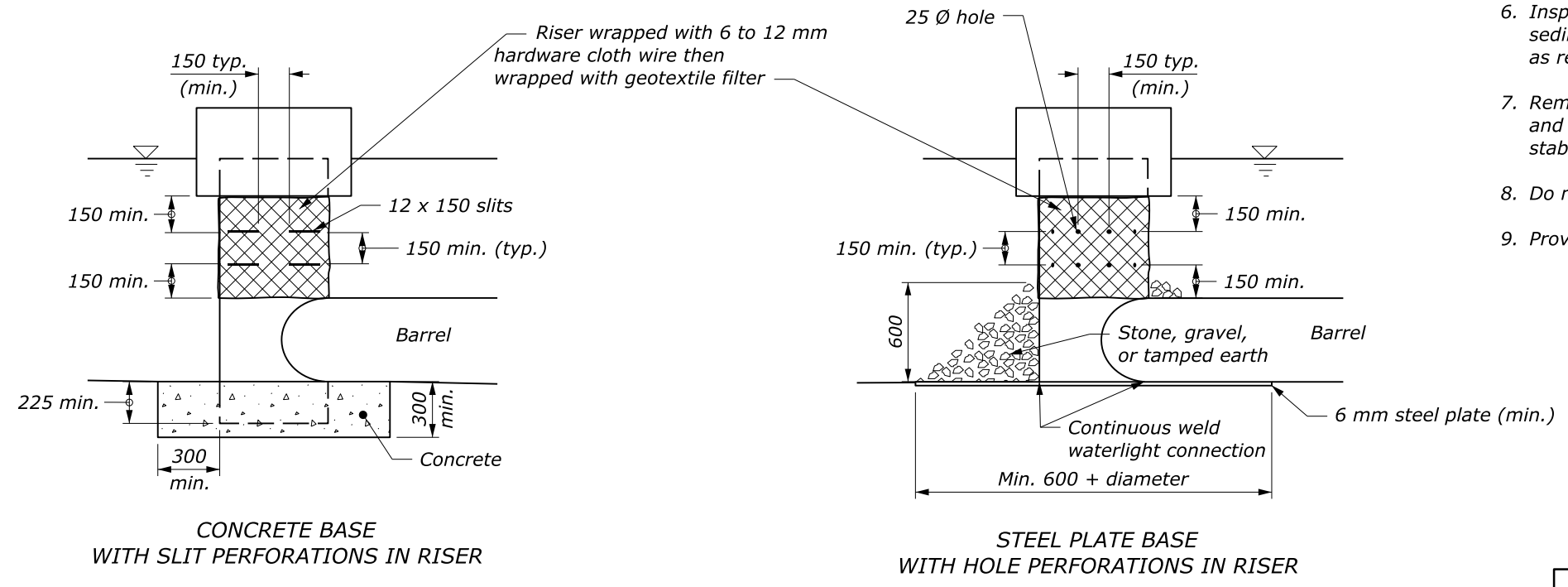
APPROVED FOR USE
1/2024



SEDIMENT TRAP (TYPE A) RIPRAP OUTLET



SEDIMENT TRAP (TYPE B) PIPE OUTLET



- NOTE:**
1. Clear, grub, and remove all vegetative matter including root mat before constructing sediment trap.
 2. Remove vegetative matter, other organic material, and large stones from embankment fill material.
 3. Compact embankment in 200 mm layers using construction equipment for compaction of each layer.
 4. Seed the soil embankment and all cut slopes with temporary or permanent vegetation within 7 days of construction.
 5. Remove sediment from sediment trap when accumulated sediment reaches half the design water storage of the trap.
 6. Inspect sediment trap regularly for damage and accumulated sediment and especially after each storm event. Make repairs as required.
 7. Remove the sediment trap and stabilize the location by grading and seeding when the upslope drainage area has been stabilized against erosion.
 8. Do not use sediment traps for drainage areas over 2 hectares.
 9. Provide geotextile filter conforming to Subsection 714.01(a).

This drawing contains **Metric** units of measure. Dimensions without units are millimeters.

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	FLH STANDARD M157-4
SEDIMENT TRAP	SPECIFICATION FP-14
	APPROVED FOR USE 1/2024

NO SCALE

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