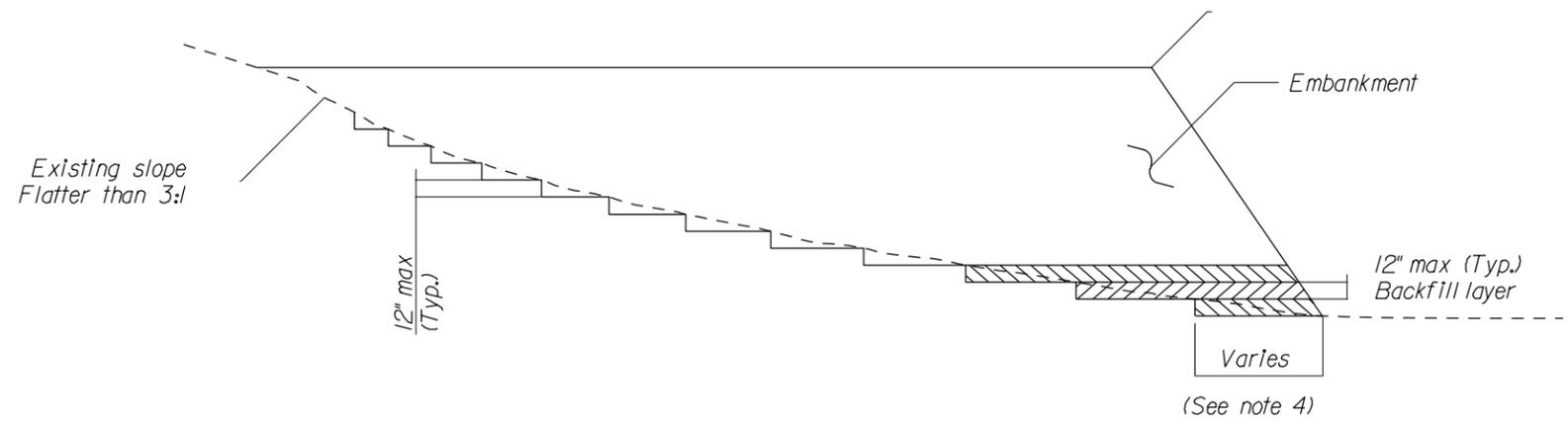


BENCHING DETAIL A
SLOPES STEEPER THAN 1:3



BENCHING DETAIL B
SLOPES FLATTER THAN 3:1

NOTES:

1. Where the embankment foundation is a hillside or another existing embankment, the foundation must be benched while the embankment is being constructed.
2. For slopes 3:1 or steeper, refer to Benching Detail A. Cut 8 ft wide horizontal benches in the existing slope. Bench the slope as the embankment is placed and compacted in 1 ft thick layers until a backfill height of 4 ft is reached. Excavate and backfill in a similar manner until the top of slope is reached.
3. For slopes flatter than 3:1, refer to Benching Detail B. Cut into the existing slope until a maximum height of 1 ft is reached, allowing the horizontal distance to vary. Place embankment material. Excavate and backfill in a similar manner until the top of slope is reached.
4. Benching is considered incidental to the item of roadway excavation and no additional measurement of quantity or payment will be made for benching.
5. Refer to Section 204 for benching specifications.

NO SCALE

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U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
DETAIL BENCHING DETAIL	
REVISIONS: DETAIL APPROVED FOR USE ---	DETAIL E204-2