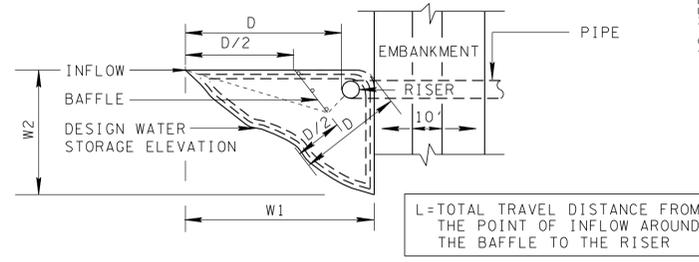
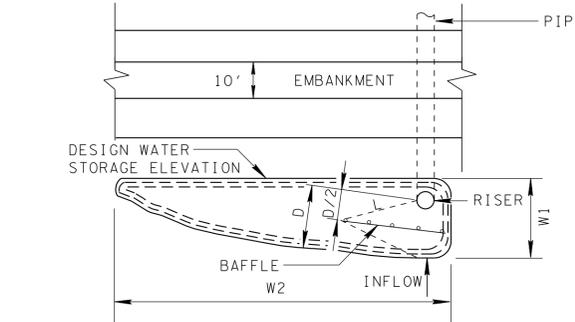


- REV. 5-27-01: CHANGED ITEM NO. 740-03.01 TO 740-10.03.
- REV. 4-15-06: REFORMATTED SHEET, REVISED NOTES, MISC. EDITS TO DRAWING, CHANGED DRAWING NAME.
- REV. 4-15-06: REVISED NOTES.
- REV. 4-1-08: REVISED GENERAL NOTES, MINOR EDITS TO DRAWING, CHANGED DRAWING NAME, AND CHANGED LEGEND.

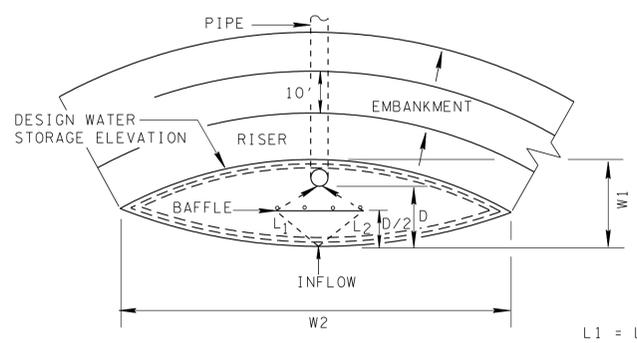
EXAMPLE PLAN VIEWS OF BAFFLE LOCATIONS IN SEDIMENT BASINS



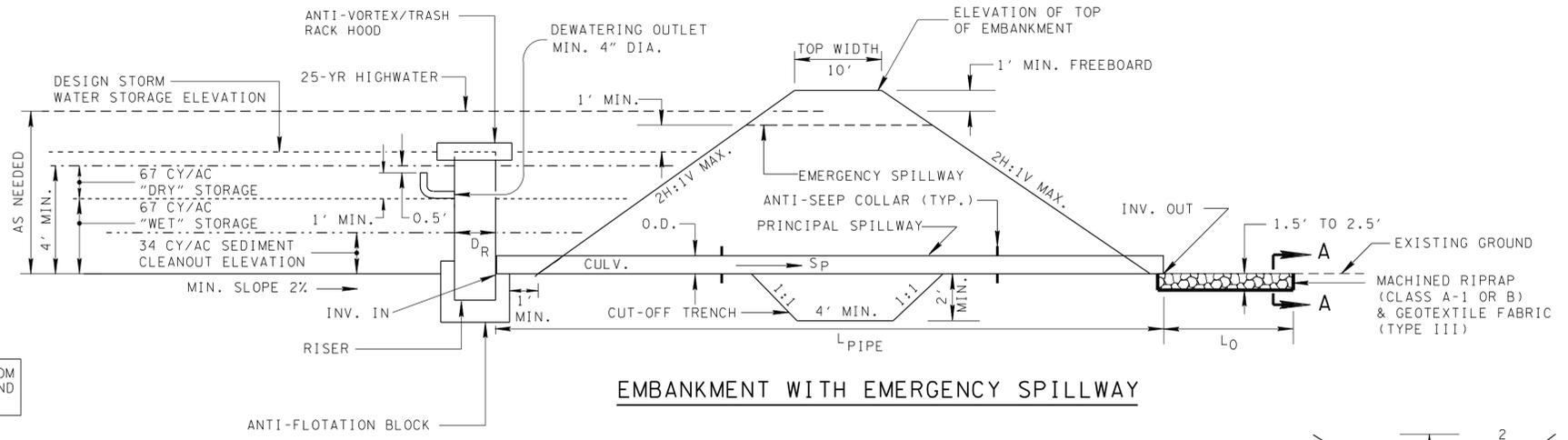
SHAPE NO. 1



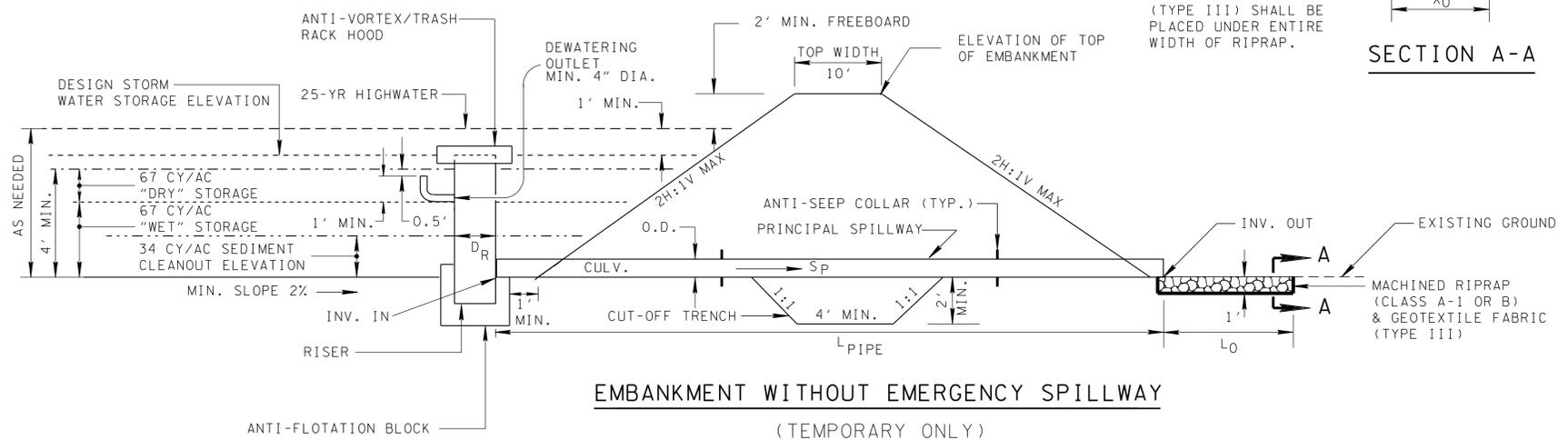
SHAPE NO. 2



SHAPE NO. 3

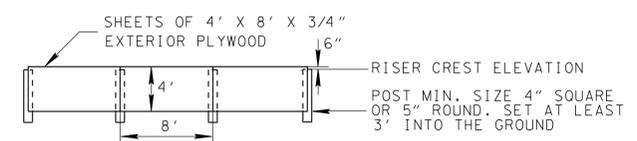
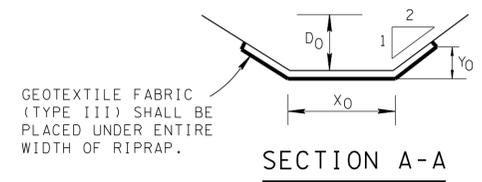


EMBANKMENT WITH EMERGENCY SPILLWAY



EMBANKMENT WITHOUT EMERGENCY SPILLWAY

(TEMPORARY ONLY)
(TO BE USED FOR SMALL SEDIMENT VOLUMES ONLY)



BAFFLE DETAIL

SEDIMENT BASIN GENERAL NOTES

- (A) BAFFLES SHALL BE 4 FEET X 8 FEET X 3/4 INCH EXTERIOR PLYWOOD, TYPE "PLYFORM" GRADE BB, D, AND ES.
- (B) FOR EARTH-FILL EMBANKMENTS, A CUT-OFF TRENCH SHALL BE EXCAVATED ALONG THE CENTERLINE OF THE DAM. THE TRENCH MUST EXTEND AT LEAST ONE (1) FOOT INTO A STABLE, IMPERVIOUS LAYER OF SOIL AND HAVE A MINIMUM DEPTH OF TWO (2) FEET. THE MINIMUM BOTTOM WIDTH SHALL BE 4 FEET, BUT ALSO MUST BE WIDE ENOUGH TO PERMIT OPERATION OF COMPACTION EQUIPMENT. THE SIDE SLOPES SHALL BE NO STEEPER THAN 1:1.
- (C) THE EXPOSED SLOPES OF THE SEDIMENT BASIN SHOULD BE STABILIZED WITH TEMPORARY SEEDING WITH MULCH OR OTHER STABILIZATION METHODS.
- (D) SEDIMENT BASINS SHALL BE PAID FOR UNDER THE FOLLOWING ITEM NUMBERS:

203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED) PER CUBIC YARD
209-05	SEDIMENT REMOVAL PER CUBIC YARD
209-11.01	THRU
209-11.09	SEDIMENT BASIN RISER (- -) PER EACH
209-11.20	SEDIMENT BASIN BAFFLES PER LINEAR FOOT
607-37.02	THRU
607-37.13	- - " CORRUGATED METAL PIPE CULVERT PER LINEAR FOOT
709-05.06	MACHINED RIP-RAP (CLASS A-1) PER TON
709-05.08	MACHINED RIP-RAP (CLASS B) PER TON
740-10.03	GEOTEXTILE (TYPE III) (EROSION CONTROL) PER SQUARE YARD
801-01.07	TEMPORARY SEEDING (WITH MULCH) PER UNIT
- (E) SEE STANDARD DRAWINGS EC-STR-15 AND EC-STR-16 FOR ADDITIONAL DETAILS AND GENERAL NOTES NOT SHOWN ON THIS DRAWING.

□ MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SEDIMENT BASIN EMBANKMENT DETAILS