EMBANKMENT VOLUME / WAVE BERM DIMENSIONS ARE MINIMUMS. HEIGHT, WIDTH AND SIDE SLOPES MAY VARY, AS DIRECTED BY THE
EMBANKMENT / TOP ELEVATION RH · L CORE TRENCH DIMENSIONS ARE MINIMUMS. DEPTH, WIDTH, AND SIDE SLOPES MAY VARY BASED ON SITE AND SOIL
BOTTOM WIDTH THE ENTIRE SURFACE OF EACH LIFT OF FILL SHALL BE
SPILLWAY / CONSTRUCTION REQUIREMENTS

EMBANKMENT ESTIMATED QUANTITIES
1. CONSTRUCTED ELEV. (VARES) = DESIGN ELEVATION PLUS REQUIRED SETTLEMENT (A + H)
2. (VARES) = TOTAL FILL HEIGHT TIMES SETTLEMENT ALLOWANCE (A + H)

CONSTRUCTION DETAILS

ISOMETRIC VIEW SPILLWAY

PROFILE OF SPILLWAY

TYPICAL EMBANKMENT PROFILE

TYPICAL EMBANKMENT X-SECTION

NOT TO SCALE

EMBANKMENT AND SPILLWAY PROFILES TO BE PROVIDED ON OTHER DESIGN SHEETS

EMBANKMENT:
• SUBCUT DIMENSIONS ARE MINIMUMS. DEPTH MAY VARY BASED ON SITE AND SOIL CONDITION. ENGINEER MAY DIRECT WHEN NECESSARY TO EXCAVATE TO DIFFERENT DEPTHS THAN SHOWN.
• PLACE TO 4 TO 6 INCHES OF TOPSOIL ON THE ENTIRE EMBANKMENT SURFACE AFTER CONSTRUCTED ELEVATION IS ACHIEVED. TOPSOIL MATERIAL USED SHALL BE SUITABLE FOR VEGETATION ESTABLISHMENT.

CORE TRENCH:
• CORE TRENCH DIMENSIONS ARE MINIMUMS. DEPTH, WIDTH, AND SIDE SLOPES MAY VARY BASED ON SITE AND SOIL CONDITIONS. ENGINEER MAY DIRECT WHEN TO EXCAVATE TO DIFFERENT DEPTHS THAN SHOWN.

WAVE BERM:
• WAVE BERM DIMENSIONS ARE MINIMUMS. HEIGHT, WIDTH AND SIDE SLOPES MAY VARY, AS DIRECTED BY THE ENGINEER, BASED ON SITE AND SOIL CONDITIONS, AND MATERIAL AVAILABILITY.

SPILLWAY:
• TRENCHES AND EXIT SLOPES SHALL BE EXCAVATED / GRADED TO ENSURE POSITIVE DRAINAGE IN AND OUT OF SPILLWAY CONTROL SECTION.
• WHEN DIRECTED OR DEEMED NECESSARY, OVER EXCAVATE SPILLWAY 4 TO 6 INCHES AND REPLACE WITH TOPSOIL TO DESIGN ELEVATIONS. TOPSOIL MATERIAL SHALL BE SUITABLE FOR VEGETATION ESTABLISHMENT.

COMPACTION:
• THE ENTIRE SURFACE OF EACH LIFT OF FILL SHALL BE COMPACTED BY AT LEAST 2 PASSES OF THE SPECIFIED COMPACTING EQUIPMENT.
• COMPACTING EQUIPMENT: 200 P.S.I. TAMPER-ROLLER OR SIMILAR TYPE EQUIPMENT AS APPROVED BY ENGINEER

SETTLEMENT ALLOWANCE

CONSTRUCTION DETAILS

EMBANKMENT ESTIMATED QUANTITIES

WETLAND RESTORATION PLAN

PROJECT #: SHEET NO.

EMBANKMENT ESTIMATED QUANTITIES

SPILLWAY ESTIMATED QUANTITIES

EMBANKMENT VOLUME (CU.YD.) CORE TRENCH VOLUME (CU.YD.) WAVE BERM VOLUME (CU.YD.)