



**INSTALLATION:**

- LOCATE THE SEDIMENT TRAP SO AS TO DISTURB AS FEW TREES AS POSSIBLE.
- CLEAR AND GRUB THE AREA UNDER THE EMBANKMENT OF ALL VEGETATION AND ROOT MATS.
- LAYOUT THE WIRE MESH AND THEN THE GEOTEXTILE FABRIC.
- CONSTRUCT THE GEOTEXTILE CORE AND CORRESPONDING ROCK EMBANKMENT TO THE DESIGNATED HEIGHT AND CONFIGURATION.
- WRAP THE STRUCTURE WITH THE PREVIOUSLY PLACED WIRE MESH SECURE ENOUGH SO THAT WHEN WALKED ACROSS, THE STRUCTURE RETAINS IT'S SHAPE. SECURE WITH THE WIRE.
- PLACE THE EMBANKMENT MATERIAL IN 8 TO 12 INCH (8" - 12") LIFTS AND MACHINE COMPACT.

**INSPECTION AND MAINTENANCE GUIDELINES:**

- INSPECTION SHOULD BE MADE WEEKLY AND AFTER EACH RAINFALL. CHECK THE EMBANKMENT, SPILLWAYS, AND OUTLET FOR EROSION DAMAGE AND INSPECT THE EMBANKMENT FOR PIPING AND SETTLEMENT. REPAIR SHOULD BE MADE PROMPTLY AS NEEDED BY THE CONTRACTOR.
- TRASH AND OTHER DEBRIS SHOULD BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO HALF OF THE DESIGN DEPTH OF THE TRAP.
- SEDIMENT REMOVED FROM THE TRAP SHOULD BE DEPOSITED IN AN APPROVED SPOILS AREA AND IN SUCH A MANNER THAT IS WILL NOT CAUSE ADDITIONAL SILTATION.



**CITY OF HUTTO**  
**CONSTRUCTION STANDARDS AND DETAILS**

**SEDIMENT TRAP**  
**ENGINEERING & PUBLIC WORKS**

DRAWING NO. ESC07

UPDATED: 02/01/2019

DRAWN BY: BB

SCALE: N.T.S.

FILE NAME: ESC07.DWG