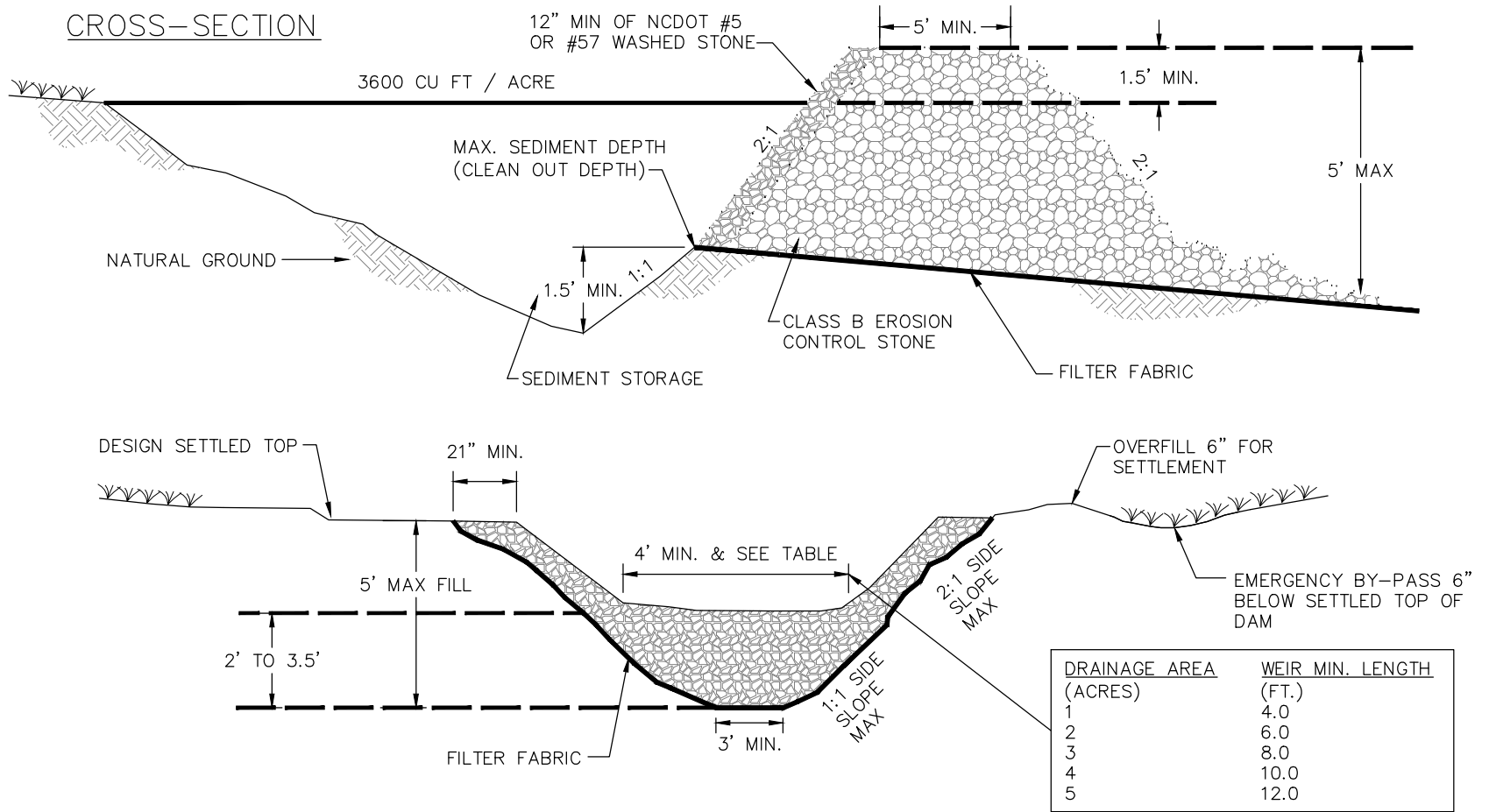


CROSS-SECTION



TEMPORARY SEDIMENT TRAP DESIGN CRITERIA

DRAINAGE AREA (ACRES)	< 5 AC.
MIN. VOLUME REQUIRED	3600 CU FT/ACRE DISTURBED AREA
SURFACE AREA REQUIRED	435 SQFT/CFS (Q10)
MIN. LENGTH TO WIDTH RATIO	2:1
MINIMUM DEPTH	3.5', 1.5' EXCAVATED BELOW GRADE
MAXIMUM HEIGHT	WEIR ELEV. 3.5' ABOVE GRADE
BAFFLES REQUIRED	3

NOTES:

- INSTALL BAFFLES IN THE TEMP. SEDIMENT TRAP. THE PERCENT OF SURFACE AREA FOR EACH SECTION OF THE BAFFLE ARE:
 -INLET ZONE: 25%
 -FIRST CELL: 25%
 -SECOND CELL: 25%
 -OUTLET ZONE: 25%
 -BASINS LESS THAN 20 FT. IN LENGTH MAY USE 2 BAFFLES THAT DIVIDE THE BASIN INTO THIRDS.

DRAINAGE AREA (ACRES)	WEIR MIN. LENGTH (FT.)
1	4.0
2	6.0
3	8.0
4	10.0
5	12.0

CITY OF HIGH POINT
 NORTH CAROLINA
 ENGINEERING SERVICES DEPARTMENT

APPROVED... FEBRUARY 17, 2009

BXP
 DIRECTOR

ISSUED 2-17-09

REVISIONS

9-12-16

STANDARD DRAWING FOR
 TEMPORARY SEDIMENT TRAP
 FOR EROSION CONTROL

TEMPSEDTRAP.DWG

610.00

SHEET 1 OF 1