DESIGN CRITERIA

SUMMARY:

TEMPORARY SEDIMENT BASIN

RISER / BARREL PIPE

PRIMARY SPILLWAY:

100 ACRES MAX.

MAXIMUM DRAINAGE AREA:

1800 CUBIC FEET PER ACRE OF DISTURBED AREA

MINIMUM DRAINAGE STORAGE VOLUME:

435 SQUARE FEET PER CFS OF Q25 PEAK INFLOW

MINIMUM SURFACE AREA:

2:1

MAXIMUM L/W RATIO:

6:1

MINIMUM DEPTH:

3 MINIMUM

DEWATERING MECHANISM:

3 YEARS MAX

MINIMUM DEWATERING TIME:

15 FEET OR LESS FROM TOP OF DAM TO LOW POINT OF DOWNSTREAM TOE.

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SEE NC DENR EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

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