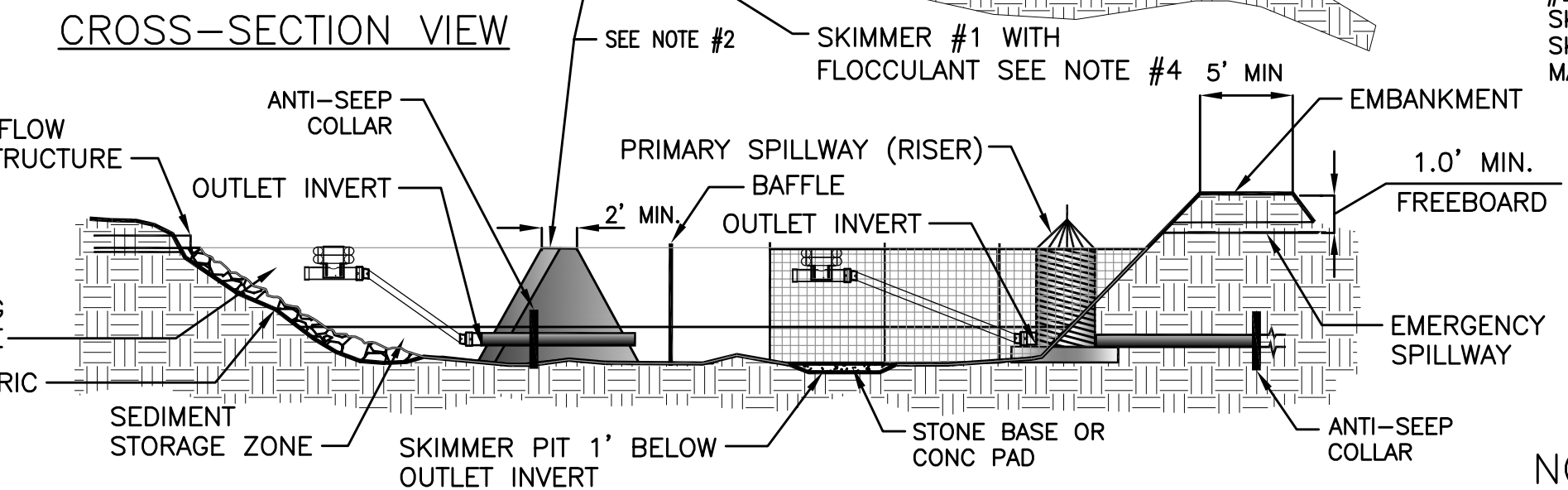
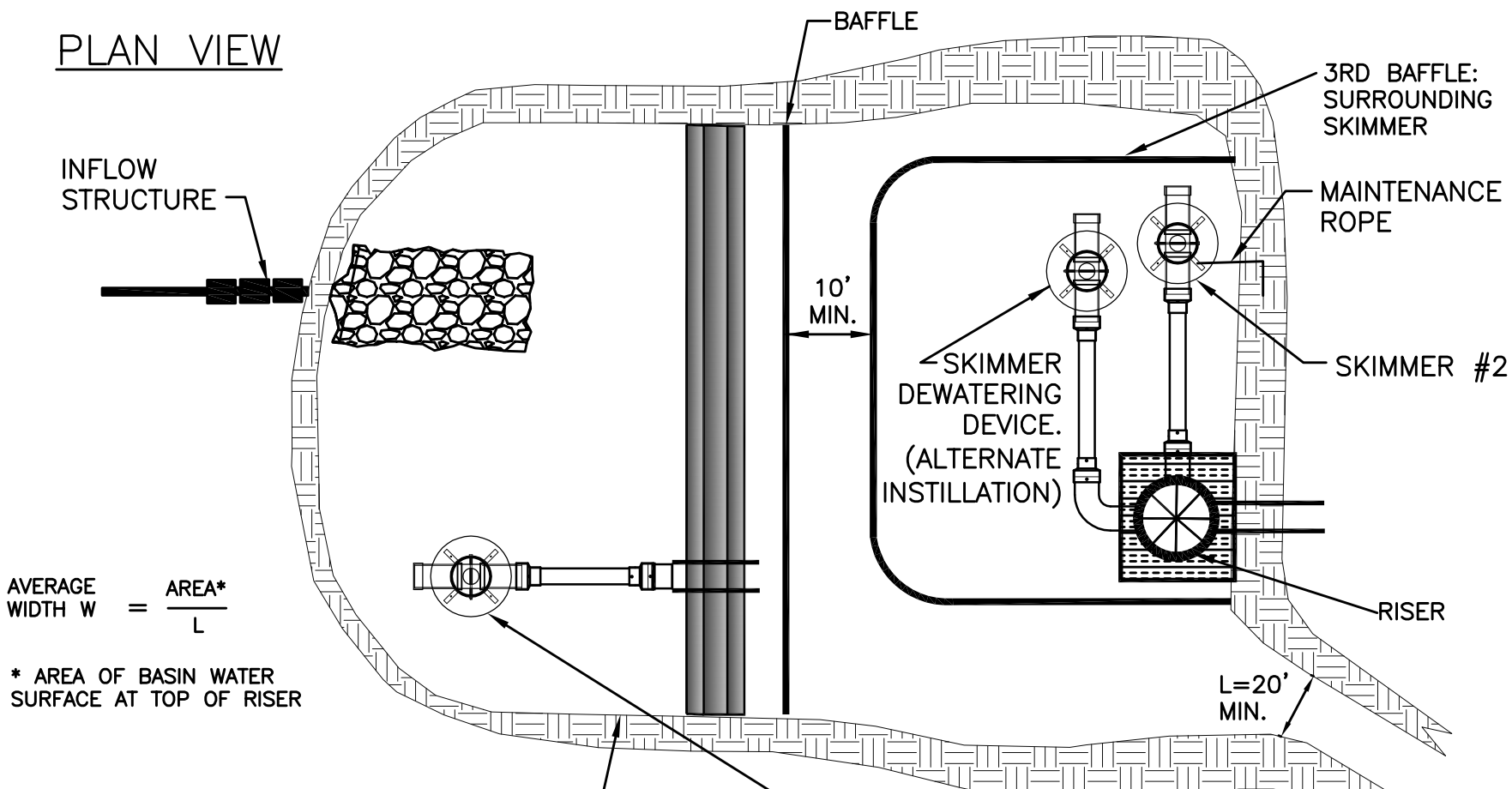


| SKIMMER SEDIMENT BASIN DESIGN CRITERIA | |
|--|---|
| DRAINAGE AREA (ACRES) | |
| MIN. LENGTH TO WIDTH RATIO | 2:1 |
| MAX. LENGTH TO WIDTH RATIO | 6:1 |
| MIN. VOLUME REQUIRED | 1800 CU. FT. (67 CU. YD.) PER AC. DISTURBED |
| SURFACE AREA REQUIRED | 325 SQ. FT. PER CFS Q10 |
| MINIMUM DEWATERING TIME | 48 HRS |
| MAXIMUM DEWATERING TIME | 120 HRS |



- NOTES:
1. REFER TO MS4 FOR ADDITIONAL DESIGN SPECIFICATIONS REGARDING SEDIMENT BASINS.
 2. FOREBAY VOLUME MIN. 20% OF REQUIRED VOLUME. TOP OF FOREBAY BERM MIN. 6" BELOW TOP OF RISER.
 3. INSTALL SKIMMER PARALLEL TO BANK FOR EASE OF INSPECTION.
 4. SKIMMER #1 WITH FLOCCULANT TO HAVE FLOW RATE 2X SKIMMER #2.
SKIMMER SIZE _____
SKIMMER ORIFICE _____
MANUF. _____

* IF EQUAL ALLOWED MUST CONFIRM MEETS FLOW RATE RANGE SPECIFIED.

NOT TO SCALE

DATA BLOCK

| BASIN NO. | DRAINAGE AREA (ACRES) | DENUDED AREA (ACRES) | Q ₁₀ (C.F.S.) | BASIN VOLUME | | BASIN SURFACE AREA | | OUTLET INVERT (ELEV.) | EMERGENCY SPILLWAY (ELEV.) | SKIMMER #2 SIZE | SKIMMER #2 ORIFICE DIAMETER | SKIMMER #2 MANUFACTURER | EQUAL ALLOWED * | | SKIMMER FLOW RATE | |
|-----------|-----------------------|----------------------|--------------------------|-----------------|-----------------|--------------------|-----------------|-----------------------|----------------------------|-----------------|-----------------------------|-------------------------|-----------------|----|-------------------|------|
| | | | | REQUIRED (C.F.) | PROVIDED (C.F.) | REQUIRED (C.F.) | PROVIDED (C.F.) | | | | | | YES | NO | MIN. | MAX. |
| | | | | | | | | | | | | | | | | |



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