3' MIN. MAINTENANCE BERM

1' MIN

MAX. SLOPE

TOE OF SLOPE

SOD

6" MIN FREEBOARD

TOP OF POND ELEVATION=

25 YR. 24 HR. DESIGN
HIGH WATER ELEVATION=

SOD

72-HOUR WATER LEVEL (RECOVERY)

BOTTOM OF DRY POND

BOTTOM OF POND ELEVATION=

ESTIMATED WET SEASON GROUND WATER ELEVATION=

REFERENCE GEOTECHNICAL REPORT

NOTE:
PROVIDE ON-SITE DRAINAGE SWALE WHERE HEIGHT OF BANK EXCEEDS 3'

NOTES:
1. PROVIDE DESIGN DATA WHERE INDICATED (=)
2. WATER LEVEL MUST RECOVER TO BOTTOM OF POND AT OR BEFORE 72 HOURS AFTER STORM
3. PROVIDE SPILLWAY DETAILS
4. MUCK GROWN SOD IS NOT ACCEPTABLE FOR POND BOTTOM. SOD TO BE PLACED ON BOTTOM MUST BE GROWN IN SAND. PLEASE COORDINATE WITH ENGINEER OR LANDSCAPE ARCHITECT PRIOR TO PLACEMENT

STANDARD CONSTRUCTION DETAIL
DRY RETENTION POND

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MAY 2020