

NOT TO SCALE

REV. DATE	4/2/21
STD. NO.	REV.
21.05	5

**WETPOND PLAN**  
**BMP FIG. 4.2.2**

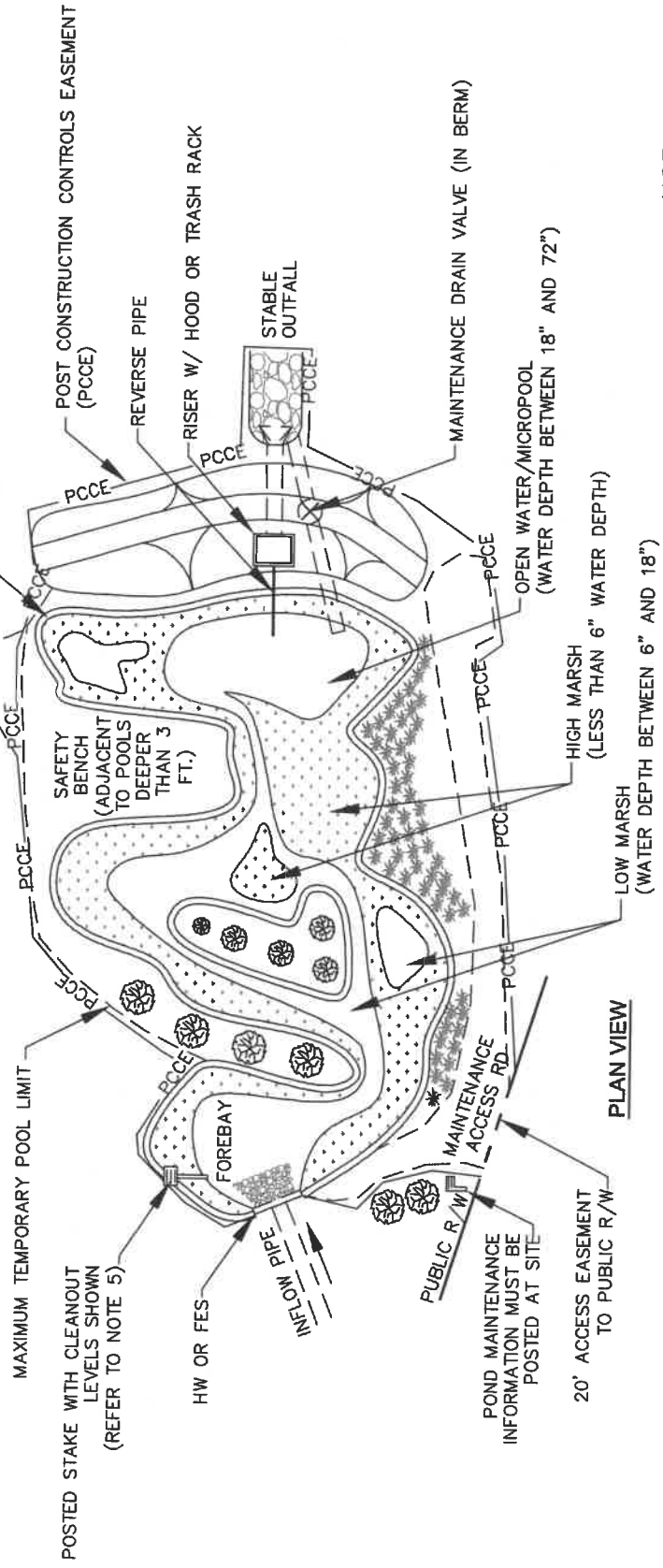
**TOWN OF PINEVILLE**  
**LAND DEVELOPMENT**  
**STANDARDS**

**NOTES:**

1. 4-6 INCH LAYER OF AMENDED SOIL IS RECOMMENDED ON LITTORAL SHELF AREA WHERE PLANTINGS ARE REQUIRED (SEE SOIL PARAMETERS IN CHARLOTTE-MECKLENBURG STORMWATER SERVICES BMP DESIGN MANUAL)
2. PROVIDE 20-FOOT ACCESS EASEMENT TO CONNECT WETPOND EASEMENT TO DEDICATED RIGHT OF WAY. ACCESS ROAD SHALL HAVE MIN. 12' STABILIZED WIDTH, MAX. LONG. GRADE OF 15%, MAX. CROSS-SLOPE 5%.
3. A 10-FOOT WIDE PERMANENT MAINTENANCE ACCESS EASEMENT MUST BE PROVIDED AROUND THE PERIMETER OF ALL BMPs TO ALLOW FOR ADEQUATE MAINTENANCE AND REPAIR.
4. WITHIN THE FOREBAY AND MAIN POND AREAS, THE OVERALL STAKE HEIGHT MUST BE HIGHER THAN PERMANENT POOL ELEVATION FOR VISIBILITY. THERE SHALL BE MARKINGS/COLORATIONS/NOTATIONS THAT CLEARLY INDICATE THE MAXIMUM SEDIMENT LEVEL BEFORE CLEANOUT IS REQUIRED. WITH THIS BMP, THE MAXIMUM SEDIMENT LEVEL CAN NOT BE GREATER THAN 50% OF THE FOREBAY CAPACITY AND IN THE MAIN POND AREA THE SEDIMENT CAN NOT BE GREATER THAN 25% OF THE MAIN POND STORAGE CAPACITY. THESE SURVEYED LEVELS TO BE CALLED OUT ALSO ON THE PLANS FOR REFERENCE.

**NOTES:**

1. 4-6 INCH LAYER OF AMENDED SOIL IS REQUIRED ON ANY MARSH AREA WHERE PLANTINGS ARE REQUIRED (SEE SOIL PARAMETERS IN CHARLOTTE-MECKLENBURG STORMWATER SERVICES BMP DESIGN MANUAL)
2. PROVIDE 20' ACCESS EASEMENT TO CONNECT WETLAND EASEMENT TO DEDICATED RIGHT OF WAY.
3. ALL WETLANDS SHALL HAVE A MINIMUM 20 FOOT ACCESS EASEMENT CONNECTING TO A DEDICATED PUBLIC RIGHT OF WAY. ACCESS ROAD SHALL HAVE MIN. 12' STABILIZED WIDTH, MAX. LONG. GRADE OF 15%, MAX. CROSS-SLOPE 5%.
4. A 10-FOOT WIDE PERMANENT MAINTENANCE ACCESS EASEMENT MUST BE PROVIDED AROUND THE PERIMETER OF ALL BMPs TO ALLOW FOR ADEQUATE MAINTENANCE AND REPAIR.
5. PERMANENT STAKE MUST BE POSTED WITHIN THE FOREBAY. THE OVERALL STAKE HEIGHT MUST BE HIGHER THAN PERMANENT POOL ELEVATION FOR VISIBILITY. THERE SHALL BE MARKINGS/COLORATIONS/NOTATIONS ON THE STAKE THAT CLEARLY INDICATE THE MAXIMUM SEDIMENT LEVEL BEFORE CLEANOUT IS REQUIRED. THESE SURVEYED LEVELS TO BE CALLED OUT ALSO ON THE PLANS FOR REFERENCE.



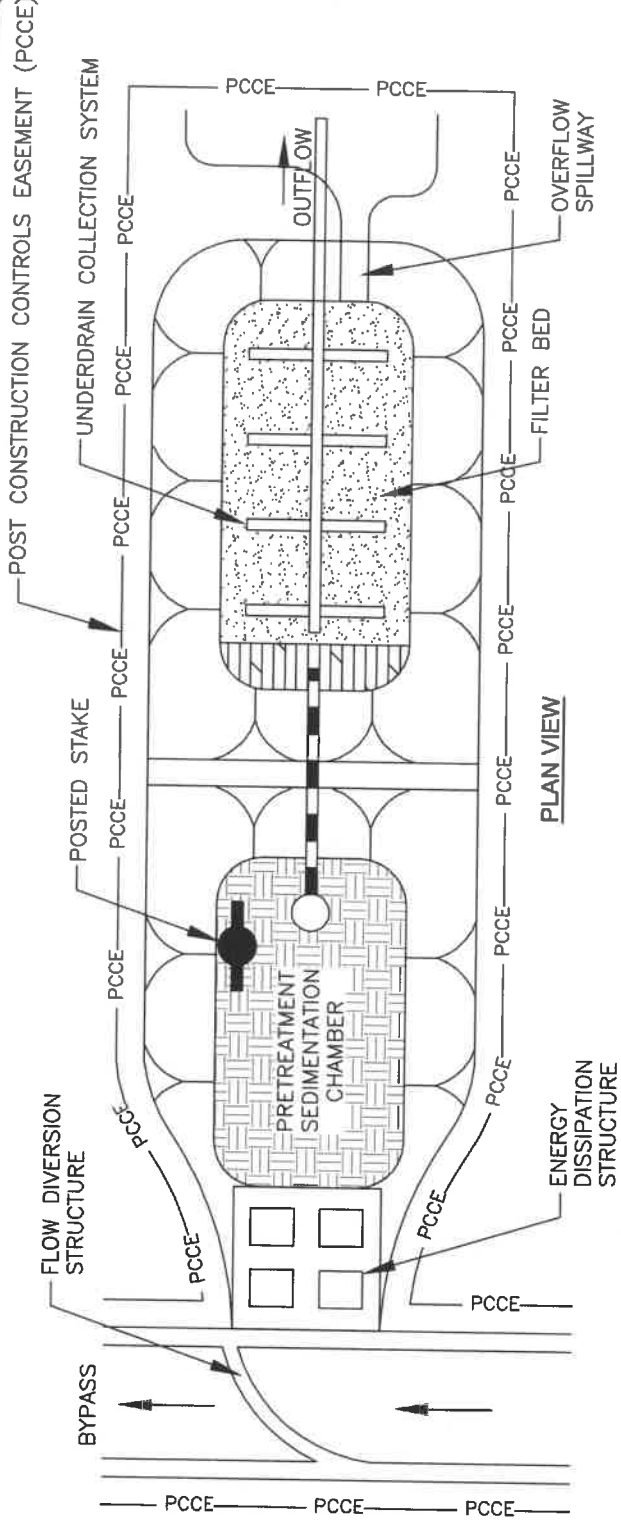
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STD. NO.	21.10
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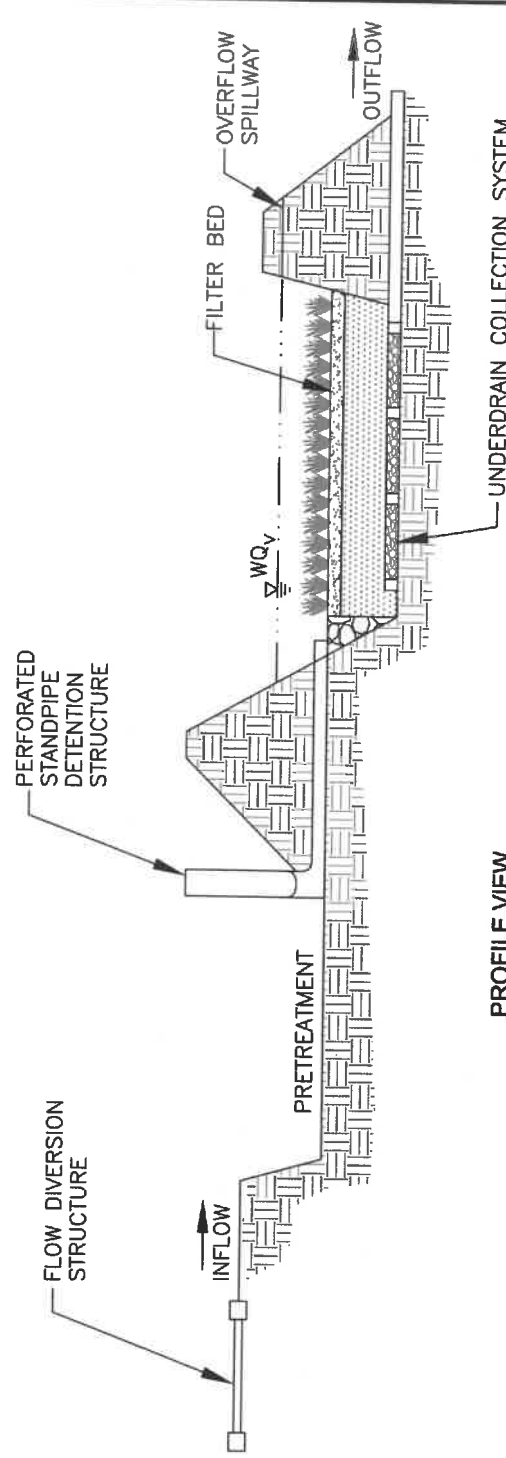
**WETPOND PLAN  
BMP FIG. 4.3.2**

**NOTES:**

- ALL SAND FILTERS SHALL HAVE A MINIMUM 20 FOOT ACCESS EASEMENT CONNECTING TO A DEDICATED PUBLIC RIGHT OF WAY. ACCESS ROAD SHALL HAVE MIN. 12' STABILIZED WIDTH, MAX. LONG. GRADE OF 15%, MAX. CROSS-SLOPE 5%. IN ADDITION, A 10-FOOT WIDE PERMANENT MAINTENANCE ACCESS EASEMENT MUST BE PROVIDED AROUND THE PERIMETER OF ALL BMPs TO ALLOW FOR ADEQUATE MAINTENANCE AND REPAIR.
- ALL DRAINAGE AREAS TO A SAND FILTER FACILITY ARE TO BE STABILIZED PRIOR TO INSTALLATION OF SAND.
- CLEAN OUTS IN THE UNDERDRAIN SYSTEM ARE TO BE PROVIDED EVERY 50' AND AS DETERMINED BY THE COUNTY REVIEWER. CLEAN OUTS SHALL HAVE WATER TIGHT, VANDAL PROOF CAPS AND EXTEND 6" ABOVE THE SURFACE.
- A PERMANENT STAKE MUST BE POSTED IN THE PRETREATMENT AREA. THERE SHALL BE MARKINGS/NOTATIONS THAT CLEARLY INDICATE THE MAXIMUM SEDIMENT LEVEL BEFORE CLEANOUT IS REQUIRED. WITH THIS BMP, THE MAXIMUM SEDIMENT LEVEL IS WHEN 1 FOOT OF STORAGE IS LOST. PLANS SHOULD CALL OUT THIS ELEVATION FOR MAINTENANCE FOR FUTURE REFERENCE.



**PLAN VIEW**



**PROFILE VIEW**

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REV. DATE	4/2/21
STD. NO.	21.24
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**TOWN OF PINEVILLE  
LAND DEVELOPMENT  
STANDARDS**



**SURFACE SAND FILTER**