



**STORMWATER MANAGEMENT NOTES**

THE OPERATION AND MAINTENANCE ENTITY SHALL PERFORM THE FOLLOWING PROCEDURES TO ENSURE ADEQUATE PERFORMANCE OF THE STORMWATER MANAGEMENT SYSTEM AND ITS CONTINUED SAFE OPERATION.

1. THE DEBRIS CONTROL STRUCTURES SHALL BE MAINTAINED OPERATIONAL BY ELIMINATING CLOSING OF THE SLOT, GRATE, PIPES, ETC. CAUSED BY TRASH, DEBRIS, SEDIMENT, VEGETATION, ETC. THE INSPECTION FOR PROPER OPERATION AND MAINTENANCE OF THE CONTROL STRUCTURES SHALL BE CONDUCTED QUARTERLY. ADDITIONAL MONITORING SHALL BE CONDUCTED AFTER RAINFALL EVENTS OF MORE THAN 2 INCHES.
2. THE INTERNAL STORMWATER SYSTEM INLETS AND MANHOLES SHALL BE MAINTAINED OPERATIONAL BY ELIMINATING CLOSING OF THE SLOT, GRATE, PIPES, ETC. CAUSED BY TRASH, DEBRIS, SEDIMENT, VEGETATION, ETC. THE INSPECTION FOR PROPER OPERATION AND MAINTENANCE OF THESE STRUCTURES SHALL BE CONDUCTED QUARTERLY. ADDITIONAL MONITORING SHALL BE CONDUCTED AFTER RAINFALL EVENTS OF MORE THAN 2 INCHES.
3. ALL GRASS IN THE POND AREA SHALL BE MOWED PERIODICALLY. AND ALL CLIPPINGS RECOVERED AND DEPOSITED AT OFFSITE. GRASS CLIPPINGS POSE PROBLEMS BY SMOTHERING DESIRABLE VEGETATION. CLOSING OFFSITE STRUCTURES AND WHEN THEY DECOMPOSE, MAY CAUSE UNSIGHTLY ALGAE BLOOMS THAT CAN KILL FISH.
4. ANY BROOD AREAS THAT ARE NOTICED DURING ROUTINE MAINTENANCE SHOULD BE FILLED, AS SOON AS DISCOVERED, WITH SIMILAR SOILS AND GRADED BY SODDING (STAKED) OR SEEDING AND MULCHING (CUT IN). SLOPES OF 4:1 OR GREATER ARE TO BE SODDED.
5. CHEMICALS, OILS, GREASES OR SIMILAR WASTES ARE NOT TO BE DEPOSITED DIRECTLY TO THE STORMWATER FACILITY OR THROUGH STORM SEWERS. TREATMENT PONDS ARE DESIGNED TO TREAT NORMAL ROAD PAVING LOT, ROOF AND YARD RUNOFF ONLY. SOME CHEMICALS MAY INTERFERE WITH A TREATMENT POND'S FUNCTION OR KILL VEGETATION AND WILDLIFE. DEPOSE OF THESE POTENTIALLY DANGEROUS MATERIALS PROPERLY BY TAKING THEM TO RECYCLING FACILITIES.
6. ACCUMULATED POND SEDIMENTS MAY CONTAIN HEAVY METALS SUCH AS LEAD, CADMIUM AND MERCURY, AS WELL AS OTHER POTENTIALLY HAZARDOUS MATERIALS. THEREFORE, SEDIMENTS REMOVED FROM STORM SEWER INLETS, PIPES AND PONDS SHOULD BE DEPOSITED OF AT AN APPROVED FACILITY. CHECK WITH THE COUNTY SOLID WASTE DEPARTMENT OR THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR DISPOSAL FACILITIES APPROVED TO ACCEPT TREATMENT POND SEDIMENT.

**PROPOSED LEGEND**

- EROSION CONTROL
- TREE BARRICADE
- STORM SEWER MAIN
- WATER MAIN
- FIRE LINE
- SANITARY SEWER MAIN
- STORM SEWER STRUCTURE
- STORM CLEANOUT
- SANITARY SEWER STRUCTURE
- SANITARY CLEANOUT
- FIRE HYDRANT
- VALVE
- REDUCER
- METER
- HOSE RIBB
- PARKING COUNT
- ADA PARKING SPACE
- ELEVATION
- SURFACE FLOW
- STRIKING ARROW
- BORING LOCATION
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK

**EXISTING LEGEND**

- BOUNDARY / PROPERTY LINE
- CONTOUR
- OVERHEAD UTILITY LINE
- STORM SEWER MAIN
- WATER MAIN
- FIRE LINE
- SANITARY SEWER MAIN
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- STORM SEWER STRUCTURE
- SANITARY SEWER MANHOLE
- SANITARY CLEANOUT
- WATER METER
- FIRE HYDRANT
- PARKING COUNT
- SEAL

<p>David W. Bell State of Florida Professional Engineer License No. 57966</p> <p>This item has been electronically signed and sealed by David W. Bell, P.E. on the date adjacent to the seal.</p> <p>Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.</p>		<p>DAVID W. BELL, No. 57966 PROFESSIONAL ENGINEER</p>
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<p>COMMONWEALTH HOLDINGS PHASE 4 HILLSBOROUGH COUNTY, FLORIDA</p>		<p>DRAINAGE PLAN</p>
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<p><b>C4.1</b></p>		