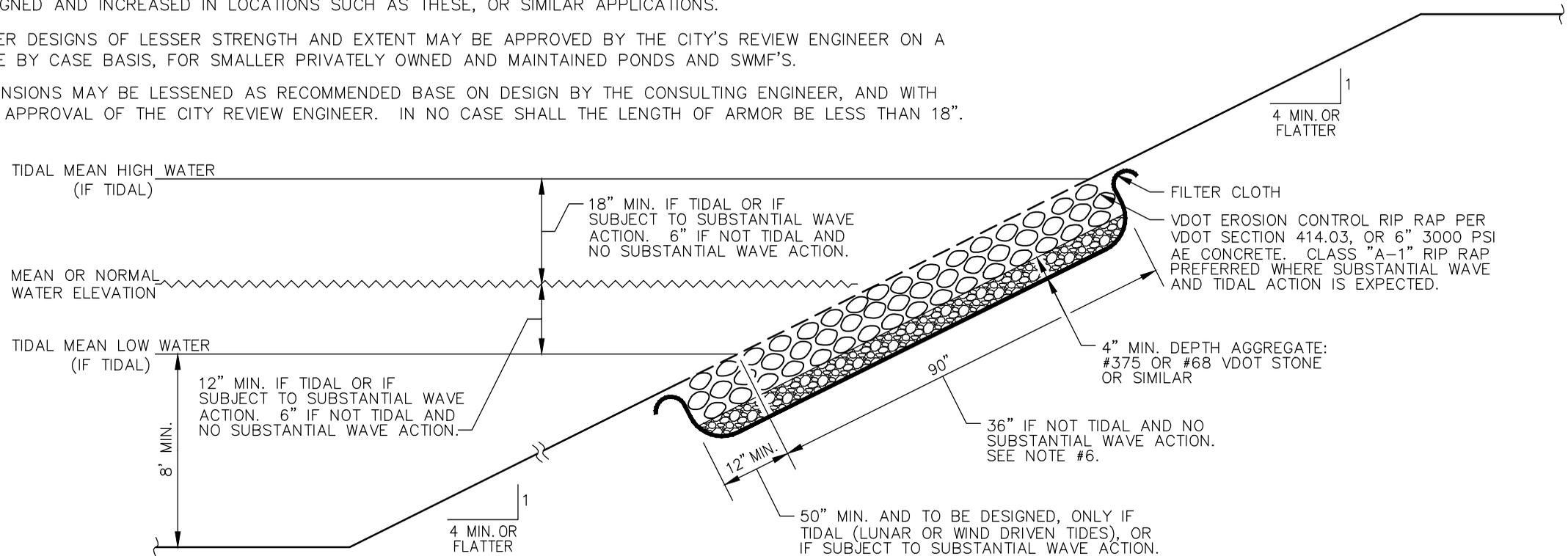


**NOTES:**

1. FOR ALL WET PONDS, LAKES AND CANALS WITHIN CITY IMPOUNDMENT OR DRAINAGE EASEMENT. TOE, EDGE OF WATER REVETMENT REQUIRED.
2. ALTERNATIVE FOR LARGE WET PONDS, LAKES, AND CANALS CITY OR PRIVATE AND COMMERCIAL, AS WELL AS RESIDENTIAL.
3. MIN. = OR GREATER THAN, OR FLATTER THAN
4. "SUBSTANTIAL WAVE ACTION" MEANS THAT WHICH NORMALLY IS EXPECTED ON THE ELIZABETH RIVER, INTERCOASTAL WATERWAY, NORTH LANDING RIVER, ETC. THESE MINIMUMS MAY NEED TO BE INDIVIDUALLY DESIGNED AND INCREASED IN LOCATIONS SUCH AS THESE, OR SIMILAR APPLICATIONS.
5. OTHER DESIGNS OF LESSER STRENGTH AND EXTENT MAY BE APPROVED BY THE CITY'S REVIEW ENGINEER ON A CASE BY CASE BASIS, FOR SMALLER PRIVATELY OWNED AND MAINTAINED PONDS AND SWMF'S.
6. DIMENSIONS MAY BE LESSENED AS RECOMMENDED BASE ON DESIGN BY THE CONSULTING ENGINEER, AND WITH THE APPROVAL OF THE CITY REVIEW ENGINEER. IN NO CASE SHALL THE LENGTH OF ARMOR BE LESS THAN 18".



**WITHOUT BENCHING**  
NOT TO SCALE

		DESIGN AND CONSTRUCTION STANDARDS	
		EROSION CONTROL FOR SHORELINES AND WET PONDS	
		DR. BY: RTB	DATE: 10/12/16
		CHK. BY:	DATE:
DATE	REVISIONS	APP. BY:	DATE:

**ECS-SH**