

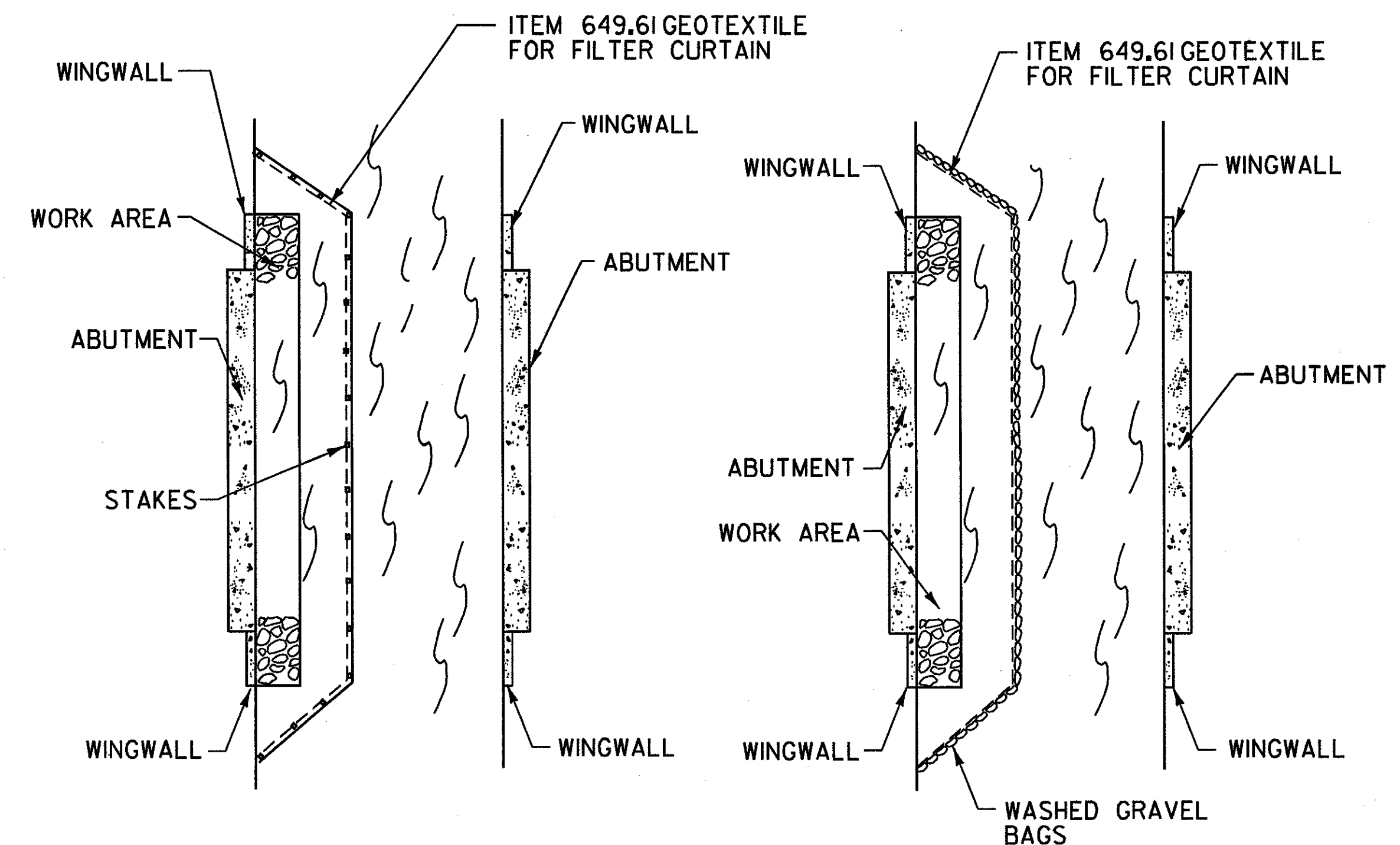
### GENERAL NOTES FOR TEMPORARY SOIL EROSION & SEDIMENT CONTROL

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THROUGHOUT THE DURATION OF THE CONTRACT IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL WATER COURSES FROM WATER BORNE SEDIMENT OR POLLUTANTS ORIGINATING FROM ANY WORK DONE ON, OR IN SUPPORT OF THIS PROJECT.

THE POLLUTION CONTROL NOTES AND DETAILS SHOWN IN THESE DRAWINGS ARE NOT INTENDED TO BE ALL INCLUSIVE BUT TO SERVE AS A GUIDELINE FOR THE DEVELOPMENT OF THE CONTRACTOR'S EROSION CONTROL SCHEME REQUIRED UNDER SECTION 105.22 THROUGH 105.30 OF THE STANDARD SPECIFICATIONS AND ALSO INCLUDING STANDARD SHEETS T-1M AND T-2M.

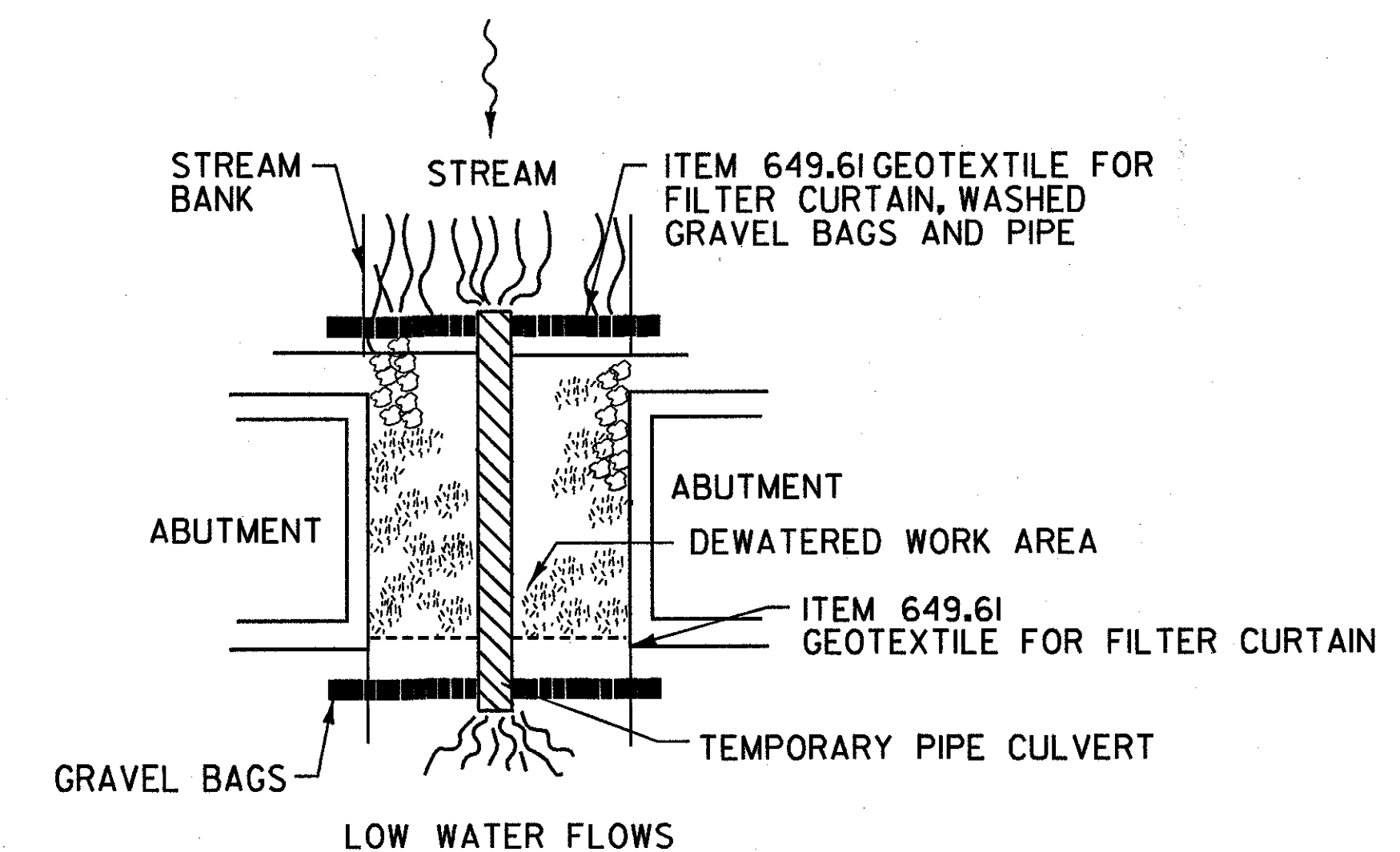
THE PURPOSE OF TEMPORARY SOIL EROSION AND SEDIMENT CONTROL IS TO PROTECT ABUTTING PROPERTY, WATER COURSES, PONDS, DITCHES, ETC., FROM THE DETRIMENTAL EFFECTS OF SOIL EROSION AND/OR SEDIMENT ORIGINATING FROM WITHIN THE WORK LIMITS AND/OR FROM AREAS SPECIFICALLY DESIGNATED FOR CONTRACTUAL OPERATIONS BY THE STATE. TEMPORARY EROSION CONTROL WORK DONE BY THE CONTRACTOR IN ACCORDANCE WITH THE PRE-APPROVED SCHEME, OR AS DIRECTED BY THE RESIDENT ENGINEER, SHALL BE PAID FOR UNDER THE APPROPRIATE ITEMS. TO PROTECT PRIVATE PROPERTY, WATER COURSES, PONDS, DITCHES, ETC. IT REMAINS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT HIS/HER OWN WORK AT NO ADDITIONAL COST TO THE STATE, IN ACCORDANCE WITH THE PROVISIONS OF SECTION 105.29 OF THE STANDARD SPECIFICATIONS.

1. INSPECTION OF SOIL EROSION & POLLUTION CONTROL MEASURES SHALL BE DONE ON A WEEKLY BASIS AND AFTER EVERY STORM OF 12 mm OR GREATER OR AS DIRECTED BY THE RESIDENT ENGINEER. REPAIRS SHALL BE MADE AS NEEDED AND SEDIMENT SHALL BE REMOVED WHEN THE STORAGE VOLUME OF AN EROSION CONTROL MEASURE IS APPROACHING ONE HALF OF ITS INTENDED CAPACITY OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. IMMEDIATELY UPON COMPLETION OF EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL INSTALL THE APPROPRIATE FINAL DITCH LINING AS SHOWN IN THE CONTRACT DOCUMENTS AND/OR PLACE TEMPORARY DITCH CHECKS IN ALL ROADWAY AND OUTLET DITCHES AS DIRECTED BY THE RESIDENT ENGINEER.
3. A TEMPORARY LINING MATERIAL MAY BE REQUIRED WHERE THE CONTRACTOR PROVIDES TEMPORARY CHANNELS TO KEEP CONTRACTOR'S WORK SITES FREE FROM WATER DURING CONSTRUCTION, AS DIRECTED BY THE RESIDENT ENGINEER. NO DIRECT PAYMENT WILL BE MADE FOR THIS WORK; THE COST IS TO BE INCLUDED IN THE PRICE BID FOR THE OTHER ITEMS OF THE CONTRACT.
4. THE CONTRACTOR SHALL GRADE AND TRIM ALL SLOPES AS THE EXCAVATION PROGRESSES AND SEED ALL SLOPES AS DIRECTED BY THE RESIDENT ENGINEER AND AS REQUIRED BY STANDARD T-1M.
5. THE CONTRACTOR SHALL HAVE A HYDROSEEDER AND/OR A MULCHING MACHINE AVAILABLE ON THE PROJECT SITE OR AVAILABLE AT ONE WEEK'S NOTICE (MAXIMUM) UNTIL THE PERMANENT SEEDING IS COMPLETED.
6. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO THE WATERS OF THE UNITED STATES FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR THE WATERS OF THE UNITED STATES. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO THE WATERS OF THE UNITED STATES ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH WOULD CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM THE WATERS OF THE UNITED STATES, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN STREAM WATER QUALITY.
7. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF THE UNITED STATES, NOR SHALL WASHING FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLANDS OR WATERS OF THE UNITED STATES.
8. THE SCHEME PROPOSED BY THE CONTRACTOR TO ACCOMPLISH EROSION AND POLLUTION CONTROL SHALL BE SUBJECT TO APPROVAL BY THE RESIDENT ENGINEER AND THE VERMONT AGENCY OF NATURAL RESOURCES STREAM ALTERATION ENGINEER.
9. GRAVEL BAGS SHALL BE AS DESCRIBED IN SECTION 203 EXCEPT THAT ONLY GRAVEL FILL IS ACCEPTABLE. GRAVEL FILL SHALL BE FREE OF SILT AND GRAVEL BAGS WILL BE REMOVED IN THEIR ENTIRETY AT THE COMPLETION OF THE PROJECT.
10. STRAW BALES MAY BE USED AS A SUBSTITUTE FOR HAY BALES.
11. SNOW FENCE (MOD.) SHALL BE ERECTED PRIOR TO ANY ACTIVITY THAT WILL ALTER THE SITE SUCH AS PLACING TRAILERS, STOCK PILES, STORAGE AREAS, DEMOLITION, OR CONSTRUCTION.
12. COFFERDAMS MAY BE CONSTRUCTED FROM MATERIALS OTHER THAN STEEL OR TIMBER SHEET PILING AS APPROVED BY THE RESIDENT ENGINEER. MATERIALS SHALL NOT BE USED THAT ARE ERODIBLE, WOULD BE HARMFUL TO PLANTS OR ANIMALS, OR WOULD ADVERSELY AFFECT WATER QUALITY.
13. STRAW BALE/HAY BALE, SILT FENCE & COFFERDAMS MAY BE SUBSTITUTED WITH COMMERCIALY AVAILABLE EROSION/SEDIMENT CONTROL DEVICES AS APPROVED IN WRITING BY THE RESIDENT ENGINEER. THE DEVICES SHALL OFFER EROSION/SEDIMENT CONTROL EQUAL TO OR BETTER THAN THE ITEMS THEY ARE SUBSTITUTING.
14. THE CONTRACTOR SHALL PROPERLY DESIGN, SIZE, INSTALL AND MAINTAIN ANY TEMPORARY PIPE CULVERT OR TEMPORARY BRIDGE STRUCTURE LOCATION IN A MANNER THAT WILL NOT CAUSE FLOOD DAMAGE TO ADJACENT PROPERTY DURING STORM EVENTS.



NOTE: WORKS WELL FOR FLOWING WATER

### OPTIONAL TURBIDITY CONTROL



### OPTIONAL POLLUTION CONTROL

### EROSION CONTROL DETAILS

SURVEYED BY	C.H.A. & V.S.E.	DATE	12/93
DESIGNED BY	D.E.G.	DATE	11/01
DRAWN BY	J.S.L.	DATE	11/01
CHECKED BY	T.P.K.	DATE	11/01
DESIGN FILE NO.	516/VAOT/VTEC.DGN		
PROJ. NAME	BENNINGTON - HOOSICK D.P.L. 014611 C/3		
PROJ. NO.	P.I.N. 1306.60		
DWG NO. EC-1	SHEET 136 OF 473		