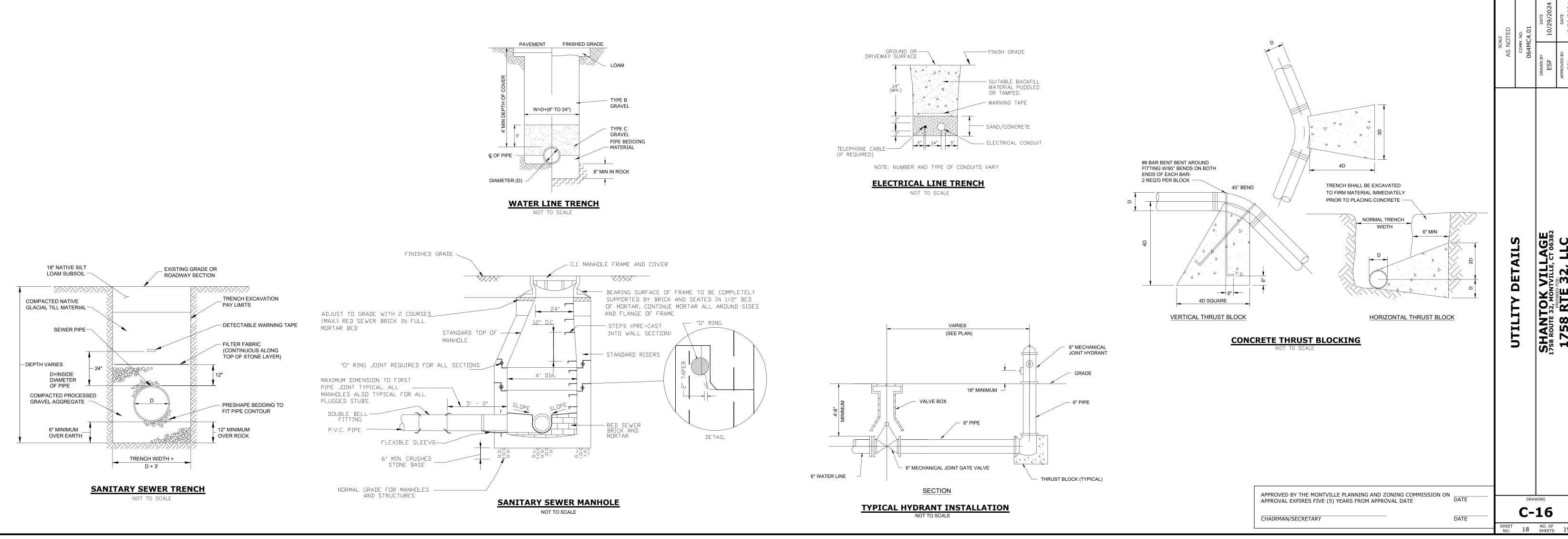
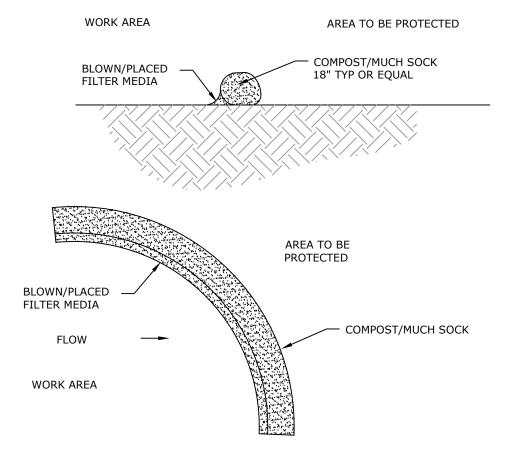
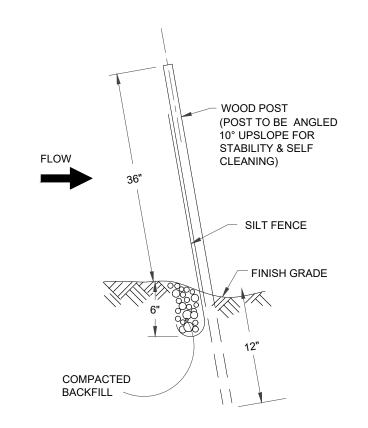


EH&S Energy



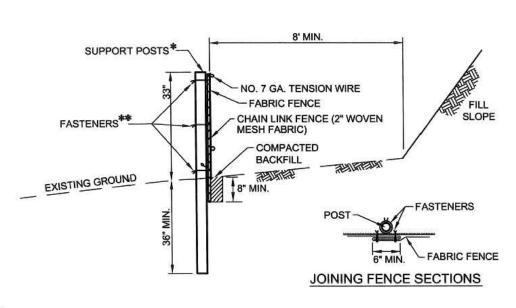


#### **COMPOST/MULCH SOCK**



### SILT FENCE, STANDARD NOTES:

- BACKFILL & COMPACT EXCAVATED FILL ALONG UPHILL SIDE OF SILT FENCE. 2. GEOTEXTILE FABRIC SHALL HAVE THE MINIMUM PROPERTIES AS SHOWN IN THE SILT FENCE GEOTEXTILE FABRIC PROPERTIES TABLE.
- 3. PREMANUFACTURED FENCE MAY BE USED. SILT FENCE, STANDARD



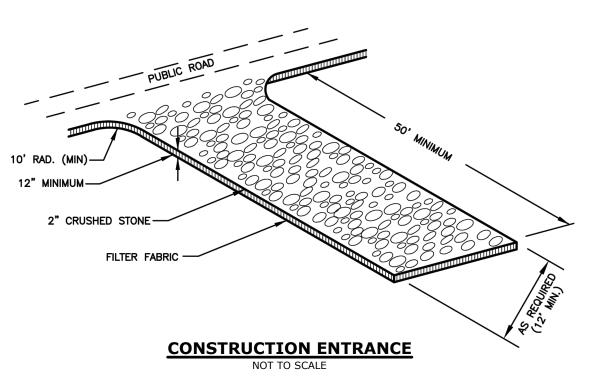
\*POSTS SPACED @ 10' MAX. USE 2 1/2" DIA. HEAVY DUTY GALVANIZED OR ALUMINUM POSTS. \*\*CHAIN LINK TO POST FASTENERS SPACED @ 14" MAX. USE NO. 9 GA. ALUMINUM WIRE OR NO. 9 GALVANIZED STEEL PRE-FORMED CLIPS. CHAIN LINK TO TENSION WIRE FASTENERS SPACED @ 60" MAX. USE NO. 13.5 GA. GALVANIZED STEEL WIRE. FABRIC TO CHAIN FASTENERS SPACED @ 24" MAX C. TO C.

## SILT FENCE, CHAIN LINK REINFORCED

## SILT FENCE, CHAIN LINK REINFORCED NOTES:

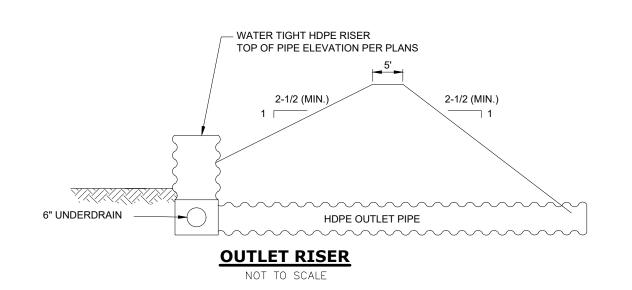
- 1. GEOTEXTILE FABRIC SHALL HAVE THE MINIMUM PROPERTIES AS SHOWN IN THE SILT FENCE GEOTEXTILE FABRIC PROPERTIES TABLE.
- FILTER FABRIC WIDTH SHALL BE 42" MINIMUM. POSTS SHALL BE INSTALLED USING A POSTHOLE DRILL.
- CHAIN LINK SHALL BE GALVANIZED NO. 11.5 GA. STEEL WIRE WITH 2 1/4" OPENING, NO. 11 GA. ALUMINUM COATED STEEL WIRE IN ACCORDANCE WITH ASTM-A-491, OR GALVANIZED NO. 9 GA. STEEL WIRE TOP AND BOTTOM WITH GALVANIZED NO. 11 GA. STEEL INTERMEDIATE WIRES. NO. 7 GAGE TENSION WIRE TO BE INSTALLED HORIZONTALLY THROUGH HOLES AT TOP AND BOTTOM OF CHAIN-LINK FENCE OR ATTACHED WITH HOG RINGS AT 5' (MAX.) CENTERS. SILT FENCE SHALL BE PLACED AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN.
- SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH HALF THE ABOVEGROUND HEIGHT OF THE FENCE OR HALF THE VERTICAL STORAGE CAPACITY, WHICHEVER IS LESS.
- 7. FENCE SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN TRIBUTARY AREA IS PERMANENTLY

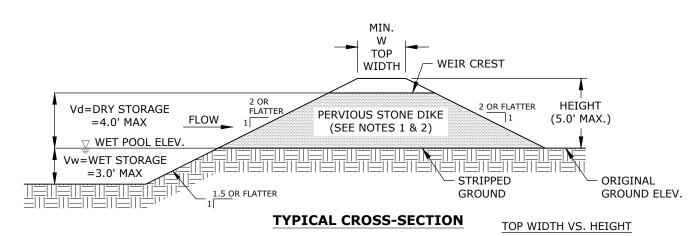
SILT FENCE GEOTEXTILE FABRIC PROPERTIES		
PHYSICAL PROPERTY	MIN REQUIREMENT	TEST METHOD
FILTERING EFFICIENCY	75% MIN	ASTM 5141
GRAB TENSILE STRENGTH	100 LBS	ASTM D4632
ELONGATION AT FAILURE	15% MAX	ASTM D4632
MULLEN BURST STRENGTH	250 PSI	ASTM D3786
PUNCTURE STRENGTH (LB)	50 LBS	ASTM 4833
APPARENT OPENING SIZE	0.60 MM TO 0.90 MM	ASTM D4751
FLOW RATE (GAL/SF/MIN)	0.2 GAL/SF/MIN	ASTM D4491
PERMITTIVITY (MIN)	0.05 SEC -1(MIN)	ASTM D4491
ULTRAVIOLET RADIATION STABILITY	70% AFTER 500 HOURS OF EXPOSURE	ASTM G-26



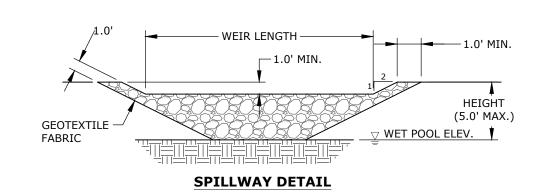
CONSTRUCTION ENTRANCE NOTES: ALL CONSTRUCTION ENTRANCE ANTI-TRACKING PADS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH 2024 CT GUIDELINES FOR SOIL EROSION & SEDIMENT CONTROL, AS AMENDED. MAINTAIN CONSTRUCTION ENTRANCE IN GOOD CONDITION THROUGHOUT CONSTRUCTION PERIOD.

3. ROADWAY SHALL BE SWEPT DAILY TO REMOVE ANY MATERIAL THAT MAY BE TRACKED ONTO THE





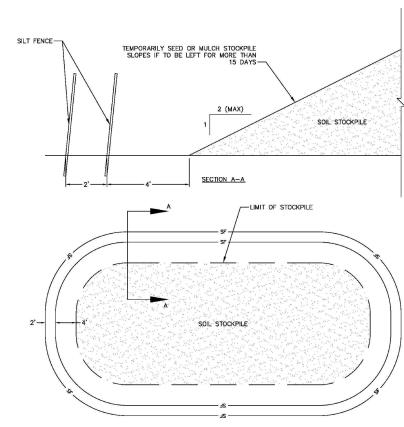
H = HEIGHT OF EMBANKMENTW = MIN. TOP WIDTH OF EMBANKMENT PERVIOUS STONE DIKE SHALL BE CONSTRUCTED OF CT DOT MODIFIED RIPRAP WITH #3 STONE ON FACE. 2.0 2.0 NON-OVERFLOW PORTIONS AND ABUTMENTS OF TEMPORARY SEDIMENT TRAP MAY BE CONSTRUCTED OF 3.0 2.5 4.5 4.0 5.0 4.5 — ELEVATION MARK - WEIR CREST FOR CLEANOUT CT DOT — — MODIFIED #3 STONE RIPRAP HFIGHT OR FLATTER (5.0' MAX.) DRY STORAGE GEOTEXTILE



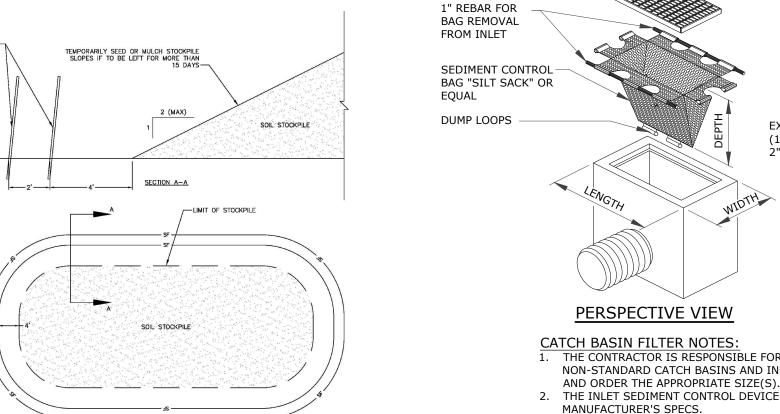
**OUTLET CROSS-SECTION** 

TEMPORARY SEDIMENT TRAP SHALL BE SIZED BASED ON A MINIMUM OF 134 CUBIC YARDS OF WATER STORAGE PER ACRE DRAINED, A MINIMUM WET STORAGE VOLUME EQUAL TO HALF OF THE TOTAL STORAGE VOLUME AND A MINIMUM DRY STORAGE VOLUME EQUAL TO HALF OF THE TOTAL STORAGE VOLUME .

# SEDIMENT BASIN/TRAP



**TEMPORARY SOIL STOCKPILE** 



PERSPECTIVE VIEW CATCH BASIN FILTER NOTES: THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE CORRECT SIZE DEVICE FOR EACH INLET. FOR NON-STANDARD CATCH BASINS AND INLETS, THE CONTRACTOR SHALL MEASURE DIMENSIONS IN THE FIELD

2. THE INLET SEDIMENT CONTROL DEVICE SHALL BE OF HIGH FLOW DESIGN (200 GAL/MIN/FT), AS PER THE MANUFACTURER'S SPECS.

EXPANSION RESTRAINT-

(1/4" NYLON ROPE, 2" FLAT WASHERS)

- 3. THE SEDIMENT CONTROL DEVICE SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND CLEANED AND MAINTAINED A MINIMUM ONCE PER MONTH OR WITHIN THE 48 HOURS FOLLOWING A STORM EVENT. THE FILTER SHALL BE REPLACED OR CLEANED WHEN THE BAG BECOMES HALF FULL. THE FILTER SHALL BE CLEANED IN A MANNER WHICH ENSURES THAT ALL SEDIMENT REMAINS ON SITE.
- 4. SUBSTITUTION OF A SHEET OF FILTER FABRIC PLACED OVER THE OPENING OF THE INLET IS NOT APPROVED.
- 5. RECESSED CURB INLET CATCH BASINS MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACKS, SIZE OF FILTER INLET SACK TO BE DETERMINED BY MANUFACTURER
- 6. THE FILTER DEVICE SHALL BE MANUFACTURED BY ACF ENVIRONMENTAL OR APPROVED EQUAL.

#### **INLET PROTECTION, SILT SACK**

**SECTION** 

BAG DEPTH TO TOP OF PIPE

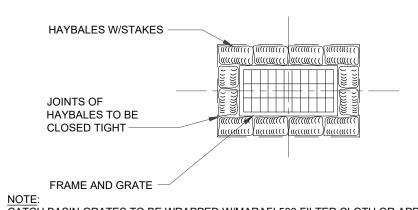
**DUMP STRAPS** 

**EXPANSION RESTRAINT** (1/4" NYLON ROPE.

2" FLAT WASHERS)

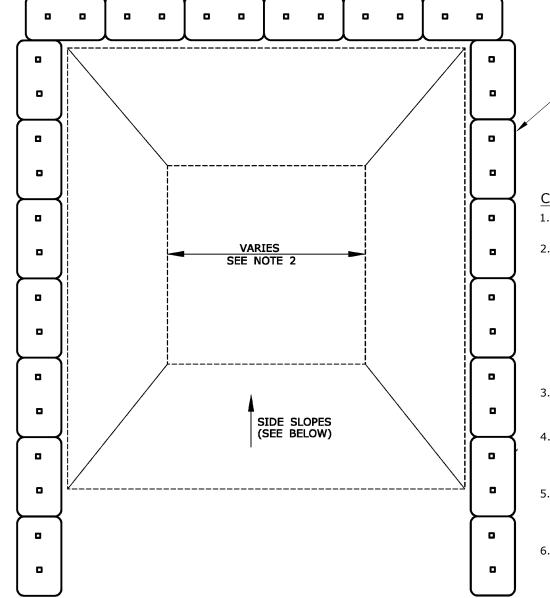
**INSTALLATION DETAIL** 

**BAG DETAIL** 



CATCH BASIN GRATES TO BE WRAPPED W/MARAFI 500 FILTER CLOTH OR APPROVED EQUAL AND BULKHEADED WITH HAYBALES IMMEDIATELY PRIOR TO CONSTRUCTION.

### **INLET PROTECTION, HAY BALE BARRIER**



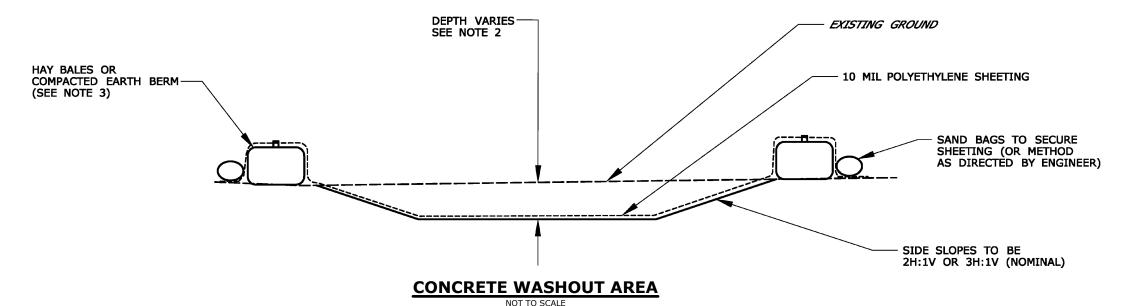
**PLAN** 

**CONCRETE WASHOUT AREA NOTES:** 

- HAY BALES OR

COMPACTED EARTH BERM (SEE NOTE 3)

- CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT IN SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY SELF-CONTAINED.
- THE CONTRACTOR SHALL SUBMIT THE DESIGN, LOCATION AND SIZING OF THE CONCRETE WASHOUT AREA(S) WITH THE PROJECT'S EROSION AND SEDIMENTATION CONTROL PLAN AND SHALL BE APPROVED BY THE ENGINEER. LOCATION: WASHOUT AREA(S) ARE TO BE LOCATED AT LEAST 50 FEET FROM ANY STREAM,
- WETLAND, STORM DRAINS, OR OTHER SENSITIVE RESOURCE. THE FLOOD CONTINGENCY PLAN MUST ADDRESS THE CONCRETE WASHOUT IF THE WASHOUT IS TO BE LOCATED WITHIN THE FLOODPLAIN. SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE
- WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, OPERATIONS ASSOCIATED WITH GROUT AND MORTAR. SURFACE DISCHARGE IS UNACCEPTABLE, THEREFORE, HAY BALES OR OTHER CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHOULD BE USED AROUND THE PERIMETER OF THE CONCRETE WASHOUT AREA FOR CONTAINMENT.
- . SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CONCRETE AREA(S) AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS. WASHOUT AREAS SHOULD BE FLAGGED WITH SAFETY FENCING OR OTHER APPROVED METHOD.
- WASHOUT AREA(S) ARE TO BE INSPECTED AT LEAST ONCE A WEEK FOR STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY AND CHECKED FOR LEAKS, TEARS, OR OVERFLOWS. (AS REQUIRED BY THE CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT) WASHOUT AREA(S) SHOULD BE CHECKED AFTER HEAVY RAINS.
- HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S DEPTH. THE WASTE CAN BE STORED AT AN UPLAND LOCATION, AS APPROVED BY THE ENGINEER. ALL CONCRETE WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS, REGULATIONS, AND GUIDELINES.
- . PAYMENT FOR THIS ITEM IS TO BE INCLUDED UNDER THE GENERAL COST OF THE WORK FOR THE PROJECT, INCLUDING SITE RESTORATION.



REFER TO SHEET 2 NOTES, LEGEND, AND ABBREVIATIONS FOR EROSION & SEDIMENTATION CONTROL NARRATIVE.

APPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSION ON DATE APPROVAL EXPIRES FIVE (5) YEARS FROM APPROVAL DATE CHAIRMAN/SECRETARY DATE

AND 0 **C-17** NO. 19 NO. OF SHEETS 19

CONTRO SEDIMENT