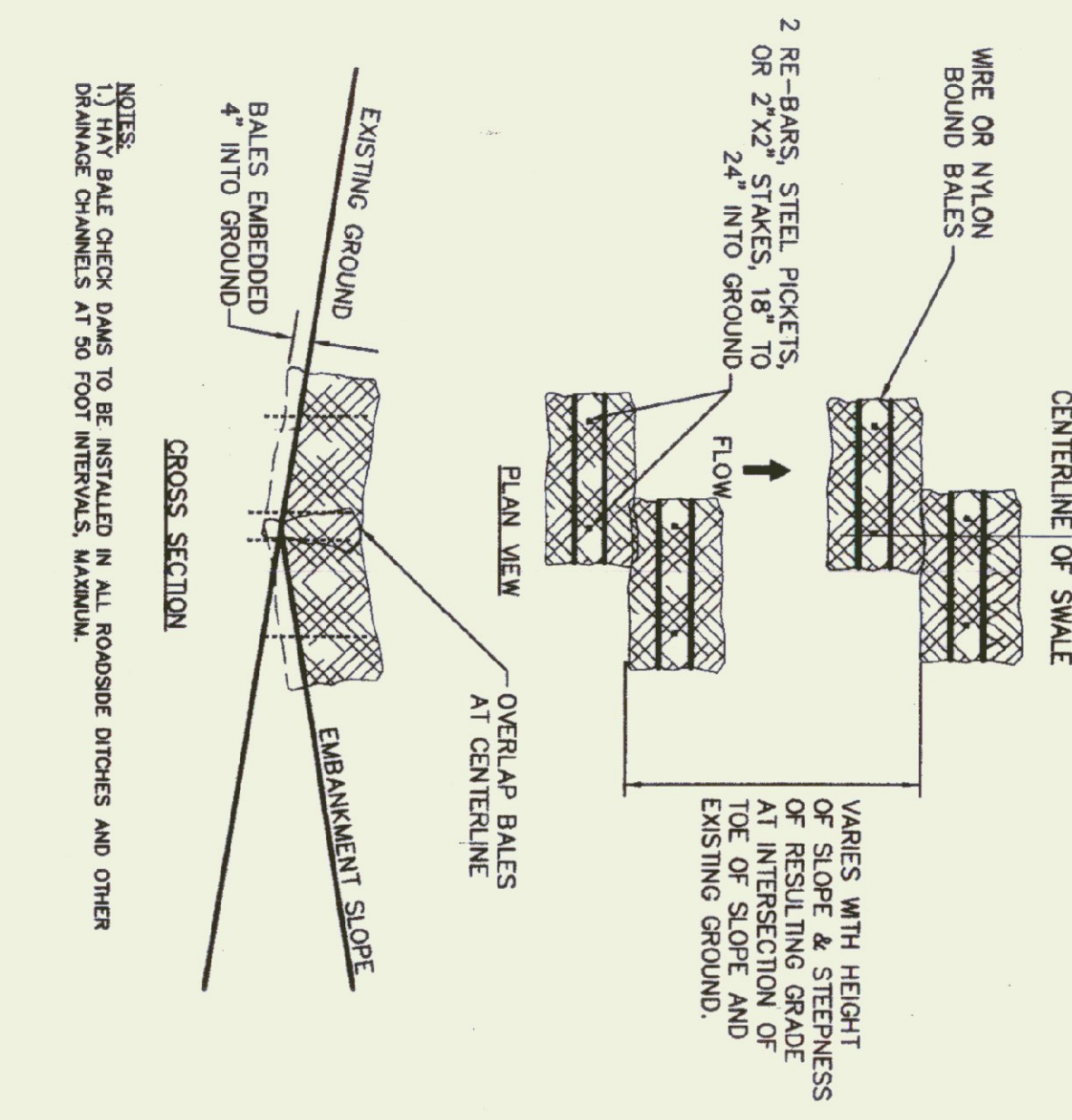
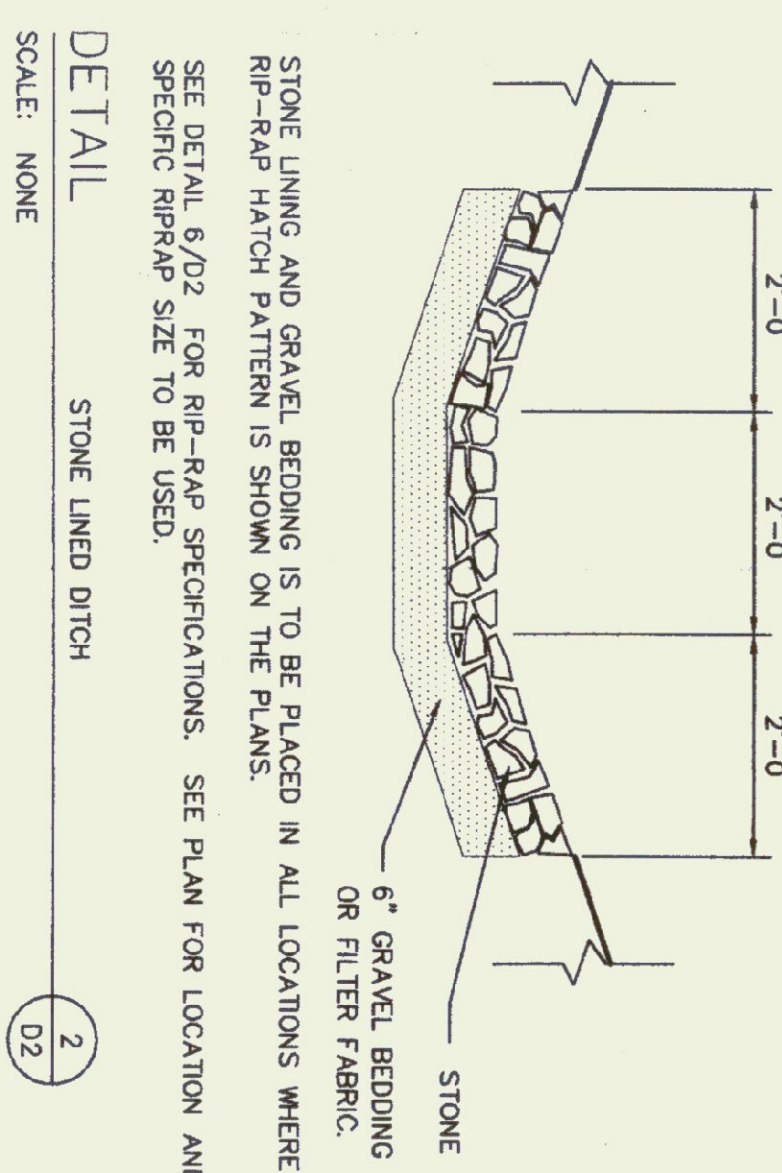


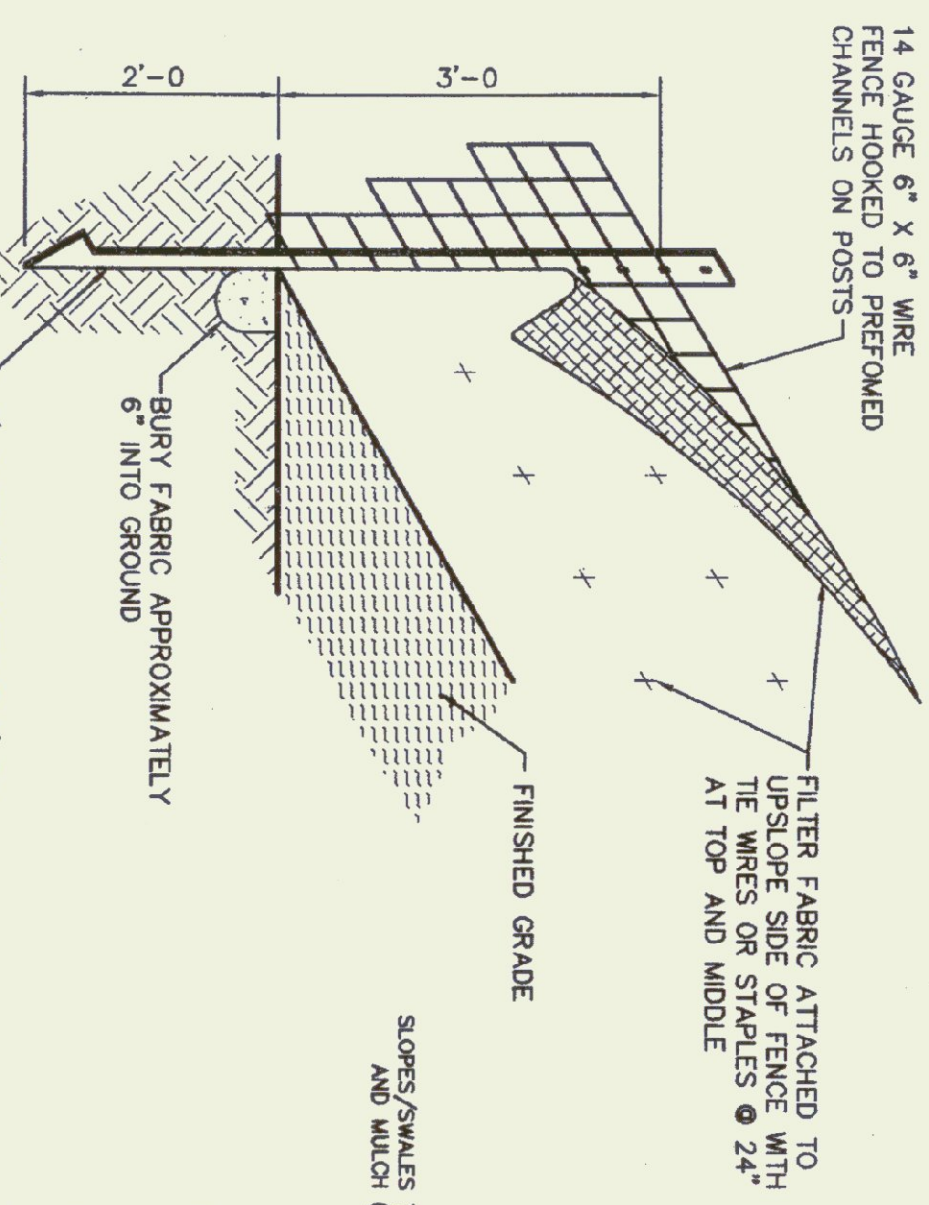
### HAY BALE INSTALLATION



DETAIL HAY BALE CHECK DAM, TYPE 'A'  
SCALE: NONE



DETAIL STONE LINED DITCH  
SCALE: NONE



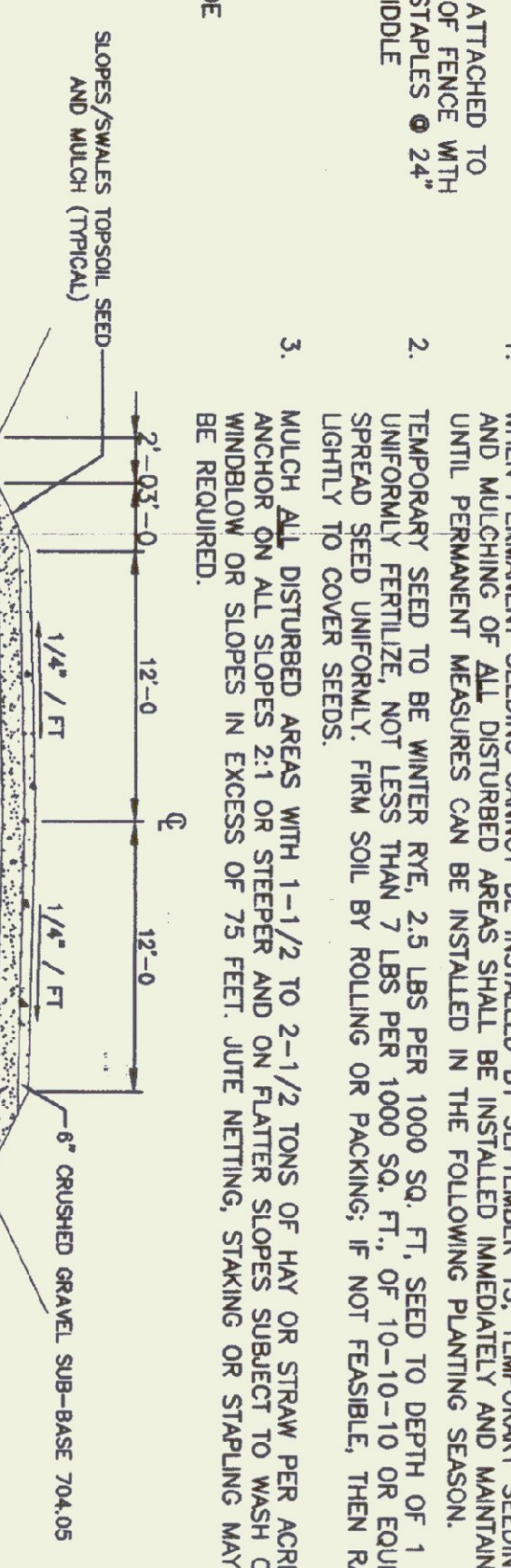
DETAIL TYPICAL SILT FENCE INSTALLATION  
SCALE: NONE

### EROSION CONTROL GENERAL NOTES

- THE HAY BALE BARRIER SHOULD FOLLOW THE SLOPE CONTOUR. IF THE BARRIER IS AT THE TOE OF A SLOPE, PLACE IT 5 TO 6 FT. AWAY FROM THE SLOPE. THIS PLACEMENT WILL PROVIDE ACCESS FOR MAINTENANCE AND REPAIRS TO THE BARRIER.
- PLACE BALES IN THE TRENCH WITH THEIR SIDES ORIENTED AROUND THE SLOPE RATHER THAN ALONG THE TOPS AND BOTTOMS OF THE BALES. IF THE BARRIER IS PLACED IN CONTACT WITH THE SOIL, IT WILL SOON DISINTEGRATE AND CAUSE THE BALE TO FALL APART.
- ALL BALES MUST BE EITHER WIRE-BOUND OR STRING-TIED. INSTALL BALES SO THAT BINDINGS ARE ORIENTED AROUND THE SLOPE RATHER THAN ALONG THE TOPS AND BOTTOMS OF THE BALES. IF THE BARRIER IS PLACED IN CONTACT WITH THE SOIL, IT WILL SOON DISINTEGRATE AND CAUSE THE BALE TO FALL APART.
- SECURELY ANCHOR EACH BALE BY DRIVING AT LEAST TWO STAKES THROUGH THE BALE. DRIVE THE FIRST STAKE IN EACH BALE TOWARD THE TOPSLOPE. LEAD BALE TO FORCE THE BALE TOWARD THE TOPSLOPE. STAKES AT LEAST 1 1/2 FEET INTO THE GROUND.
- FILL ANY GAPS BETWEEN BALES BY WEAVING LOOSE HAY BERRIES INTO THE GAPS. HAY BERRIES SCATTERED OVER THE AREA IMMEDIATELY UPHILL FROM A HAY BALE BARRIER TENDS TO INCREASE BARRIER EFFICIENCY. IT IS PICKED UP BY RUNOFF AND TRANSPORTED TO HOLES IN THE BARRIER, WHICH IT TENDS TO SEAL.
- INSPECT AND REPAIR OR REPLACE DAMAGED BALES PROMPTLY. BALES TYPICALLY DETERIORATE WITHIN THREE MONTHS WHEN WET. REMOVE THE BALES WHEN THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.

### TEMPORARY SEEDING

- WHEN PERMANENT SEEDING CANNOT BE INSTALLED BY SEPTEMBER 15, TEMPORARY SEEDING AND MULCHING OF ALL DISTURBED AREAS SHALL BE INSTALLED IMMEDIATELY AND MAINTAINED UNTIL PERMANENT MEASURES CAN BE INSTALLED IN THE FOLLOWING PLANTING SEASON.
- TEMPORARY SEED TO BE WINTER RYE 2.5 LBS PER 1000 SQ. FT., SEED TO DEPTH OF 1 INCH. SPREAD SEED UNIFORMLY. FIRM SOIL BY ROLLING OR PACKING. IF NOT FEASIBLE, THEN RAKE LIGHTLY TO COVER SEEDS.
- MULCH ALL DISTURBED AREAS WITH 1-1/2 TO 2-1/2 TONS OF HAY OR STRAW PER ACRE ANCHOR ON ALL SLOPES 2:1 OR STEEPER AND ON FLATTER SLOPES SUBJECT TO WASH OR WINDBLOW OR SLOPES IN EXCESS OF 75 FEET. LITE NETTING, STAKING OR STAPLING MAY BE REQUIRED.



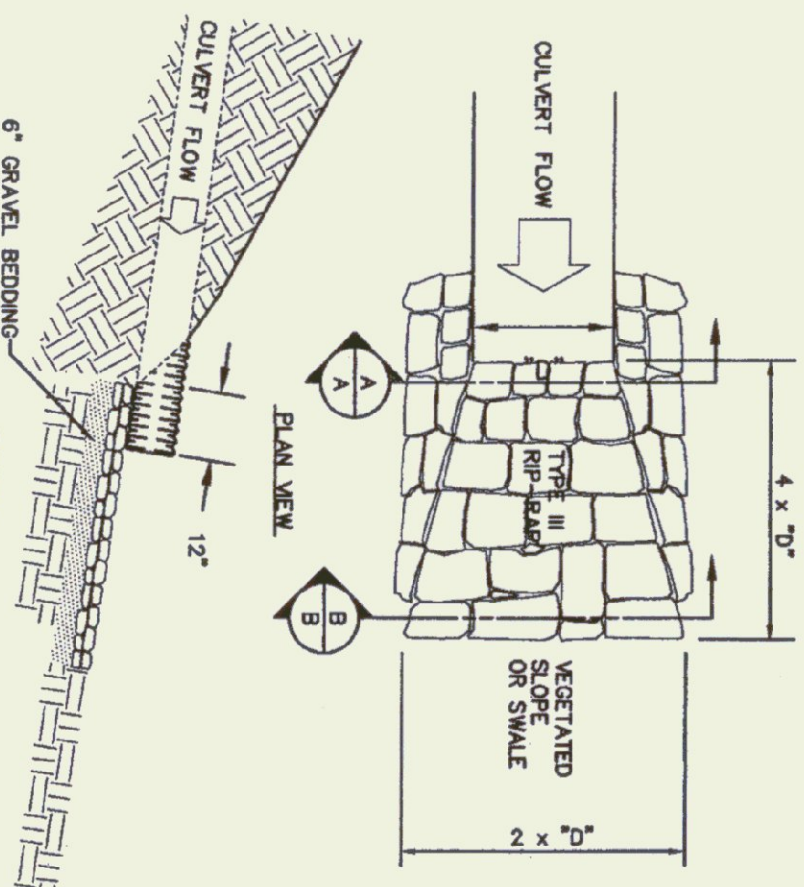
DETAIL THROUGH ACCESS ROAD  
SCALE: NONE

### STONE FILL GRADATION AND AS DESCRIBED IN VT AOT SPEC 706.04

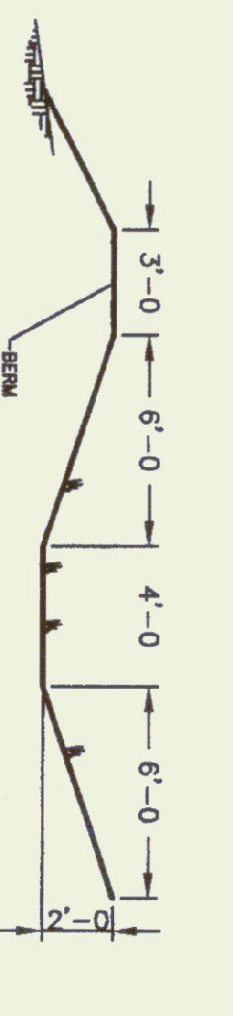
STONE FILL TYPE	WELL-GRADED FROM	MIN. OF 50% BY VOLUME LARGER THAN IN FEET	RIPPRAP THICKNESS
I	1" TO 12"	4"	1.0
II	2" TO 36"	12"	1.5
III	3" TO 48"	16"	1.5
IV	3" TO 60"	20"	2.0

GENERAL NOTE: HARD, BASTARD ANGULAR ROCK OTHER THAN SPONGING ROCK CONTAINING THE FIBROUS VARIETY CRISTATA (SIBSTON). THE LEAST DIMENSION OF THE STONE SHALL BE GREATER THAN 1/3 THE LONGEST DIMENSION. THE STONE SHALL BE WELL GRADED FROM THE MAXIMUM SIZE STONE SPECIFIED SO AS TO FORM A COMPACT MASS WHEN IN PLACE. STONE TILL PLACEMENT SHALL BE UNIFORMLY PLACED WITH THE LONG DIMENSIONS APPROXIMATELY PARALLEL TO THE ENABANKMENT SLOPE AND ARRANGED SO THAT THE SIZE OF THE Voids BETWEEN ROCKS IS MINIMIZED. AFTER ALL ROCKS OF THE SPECIFIED MINIMUM SIZE ARE PLACED, THE Voids BETWEEN THE ROCKS SHALL BE CHINKED WITH SMALLER ROCKS.

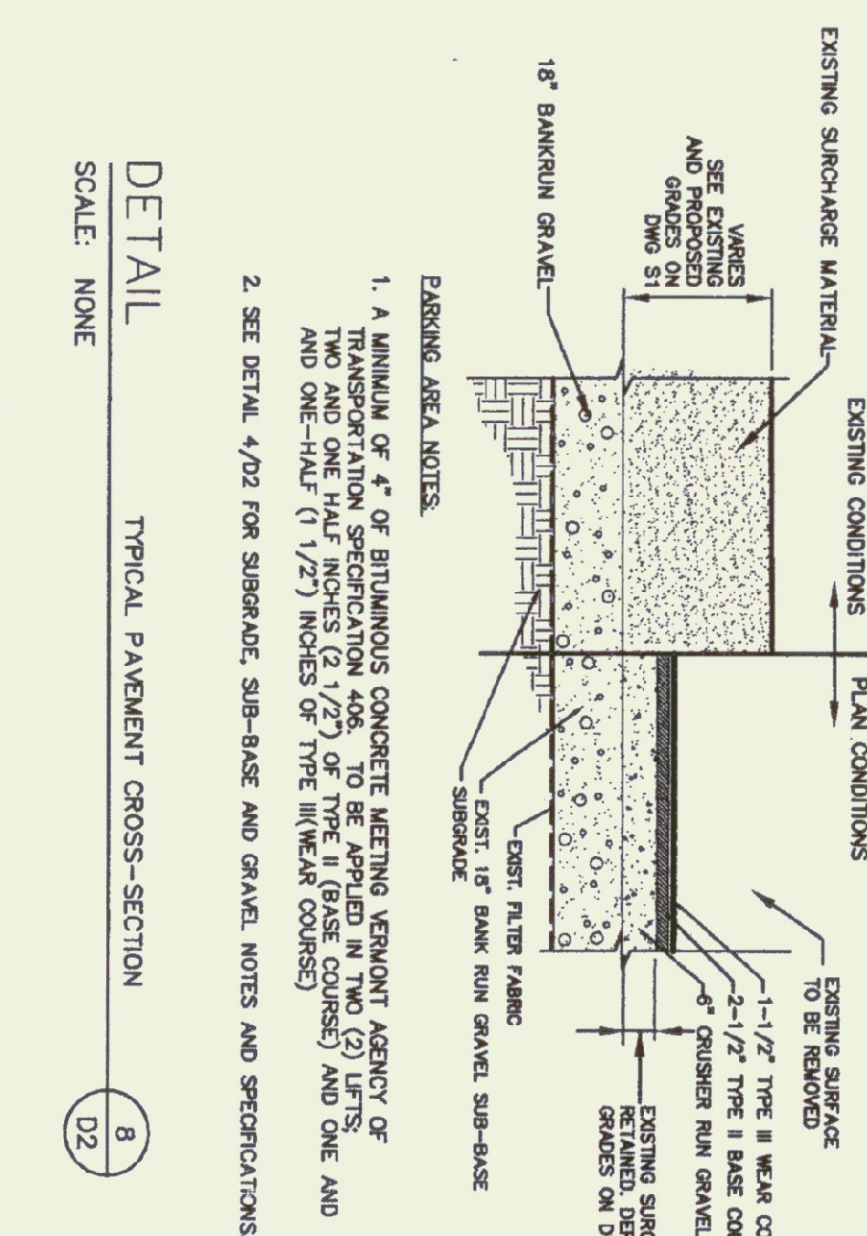
DETAIL STONE FILL SIZING CHART  
SCALE: NONE



DETAIL TYPICAL STONE DISCHARGE APRON (LEFT DETAIL SIMILAR)  
SCALE: NONE



DETAIL GRASS TREATMENT SWALE  
SCALE: 1/2" = 1'-0"



DETAIL TYPICAL PAVEMENT CROSS-SECTION  
SCALE: NONE

### RESTORATION OF GROWTH

- GRADING AND SHAPING
  - SLOPES SHALL NOT BE STEEPER THAN 2:1; 3:1 SLOPES OR FLATTER ARE PREFERRED. WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE REQUIRED.
- SEEDBED PREPARATION
  - GENERAL CONTRACTOR TO TOPSOIL SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS WHICH NOT PLANNED TO BE PLANNED ON THE PLANS. TOPSOIL TO BE 4 INCHES DEEP. SPECIAL OF ORGANIC MATTER (HUMUS) CONTAINING TWO PERCENT (2%) MINIMUM DECEASED ORGANIC MATTER (HUMUS) NO TOXIC MATERIALS, FROM A WELL DRAINED, ARABLE SITE, REASONABLY FREE OF SURFACE STONES, EARTH, CLODS, STOKES, ROOTS OR DEBRIS. RAKE TO A SMOOTH SURFACE PRIOR TO APPLYING SPECIFIED FERTILIZER AND SEED.
  - SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
  - STONES LARGER THAN 1 1/2 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEEDBED AND MAX FERTILIZER AND LIME INTO THE SEEDBED. THE SEEDBED SHOULD BE IN GOOD CONDITION AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
- ESTABLISHING A STAND
  - LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL.

USE	SEEDING MIXTURE	WET/DROUGHT	WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BORROW AREAS	III	FAIR	GOOD	FAIR
DISPOSAL	IV	FAIR	GOOD	EXCELLENT
AREAS	V	FAIR	EXCELLENT	POOR
WATERWAYS, EMERGENCY CHANNELS & OTHER WATER	III	GOOD	EXCELLENT	EXCELLENT

MIXTURE	SEEDING RATES:	POUNDS PER ACRE	POUNDS PER 1,000 SQ. FT.
I. TALL FESCUE		15	0.45
II. CREEPING RED FESCUE		15	0.45
III. TALL FESCUE		42	1.26
IV. CREEPING RED FESCUE		42	1.26
V. TALL FESCUE		30	0.90
VI. CREEPING RED FESCUE		30	0.90
VII. TALL FESCUE		40	1.20
VIII. CREEPING RED FESCUE		40	1.20
IX. BIRDSFOOT TREFOIL		20	0.60
X. BIRDSFOOT TREFOIL		20	0.60
XI. TALL FESCUE		20	0.60
XII. CREEPING RED FESCUE		20	0.60
XIII. BIRDSFOOT TREFOIL		20	0.60
XIV. BIRDSFOOT TREFOIL		20	0.60
XV. TALL FESCUE		20	0.60
XVI. CREEPING RED FESCUE		20	0.60
XVII. TALL FESCUE		20	0.60
XVIII. CREEPING RED FESCUE		20	0.60
XIX. BIRDSFOOT TREFOIL		20	0.60
XX. BIRDSFOOT TREFOIL		20	0.60
XXI. TALL FESCUE		20	0.60
XXII. CREEPING RED FESCUE		20	0.60
XXIII. BIRDSFOOT TREFOIL		20	0.60
XXIV. BIRDSFOOT TREFOIL		20	0.60
XXV. TALL FESCUE		20	0.60
XXVI. CREEPING RED FESCUE		20	0.60
XXVII. TALL FESCUE		20	0.60
XXVIII. CREEPING RED FESCUE		20	0.60
XXIX. BIRDSFOOT TREFOIL		20	0.60
XXX. BIRDSFOOT TREFOIL		20	0.60
XXXI. TALL FESCUE		20	0.60
XXXII. CREEPING RED FESCUE		20	0.60
XXXIII. BIRDSFOOT TREFOIL		20	0.60
XXXIV. BIRDSFOOT TREFOIL		20	0.60
XXXV. TALL FESCUE		20	0.60
XXXVI. CREEPING RED FESCUE		20	0.60
XXXVII. TALL FESCUE		20	0.60
XXXVIII. CREEPING RED FESCUE		20	0.60
XXXIX. BIRDSFOOT TREFOIL		20	0.60
XL. BIRDSFOOT TREFOIL		20	0.60
XLI. TALL FESCUE		20	0.60
XLII. CREEPING RED FESCUE		20	0.60
XLIII. BIRDSFOOT TREFOIL		20	0.60
XLIV. BIRDSFOOT TREFOIL		20	0.60
XLV. TALL FESCUE		20	0.60
XLVI. CREEPING RED FESCUE		20	0.60
XLVII. TALL FESCUE		20	0.60
XLVIII. CREEPING RED FESCUE		20	0.60
XLIX. BIRDSFOOT TREFOIL		20	0.60
L. BIRDSFOOT TREFOIL		20	0.60
LI. TALL FESCUE		20	0.60
LII. CREEPING RED FESCUE		20	0.60
LIII. BIRDSFOOT TREFOIL		20	0.60
LIV. BIRDSFOOT TREFOIL		20	0.60
LVI. TALL FESCUE		20	0.60
LVII. CREEPING RED FESCUE		20	0.60
LVIII. TALL FESCUE		20	0.60
LIX. CREEPING RED FESCUE		20	0.60
LX. BIRDSFOOT TREFOIL		20	0.60
LXI. BIRDSFOOT TREFOIL		20	0.60
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LXIV. TALL FESCUE		20	0.60
LXV. CREEPING RED FESCUE		20	0.60
LXVI. BIRDSFOOT TREFOIL		20	0.60
LXVII. BIRDSFOOT TREFOIL		20	0.60
LXVIII. TALL FESCUE		20	0.60
LXIX. CREEPING RED FESCUE		20	0.60
LXX. TALL FESCUE		20	0.60
LXXI. CREEPING RED FESCUE		20	0.60
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LXXV. CREEPING RED FESCUE		20	0.60
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LXXVIII. BIRDSFOOT TREFOIL		20	0.60
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