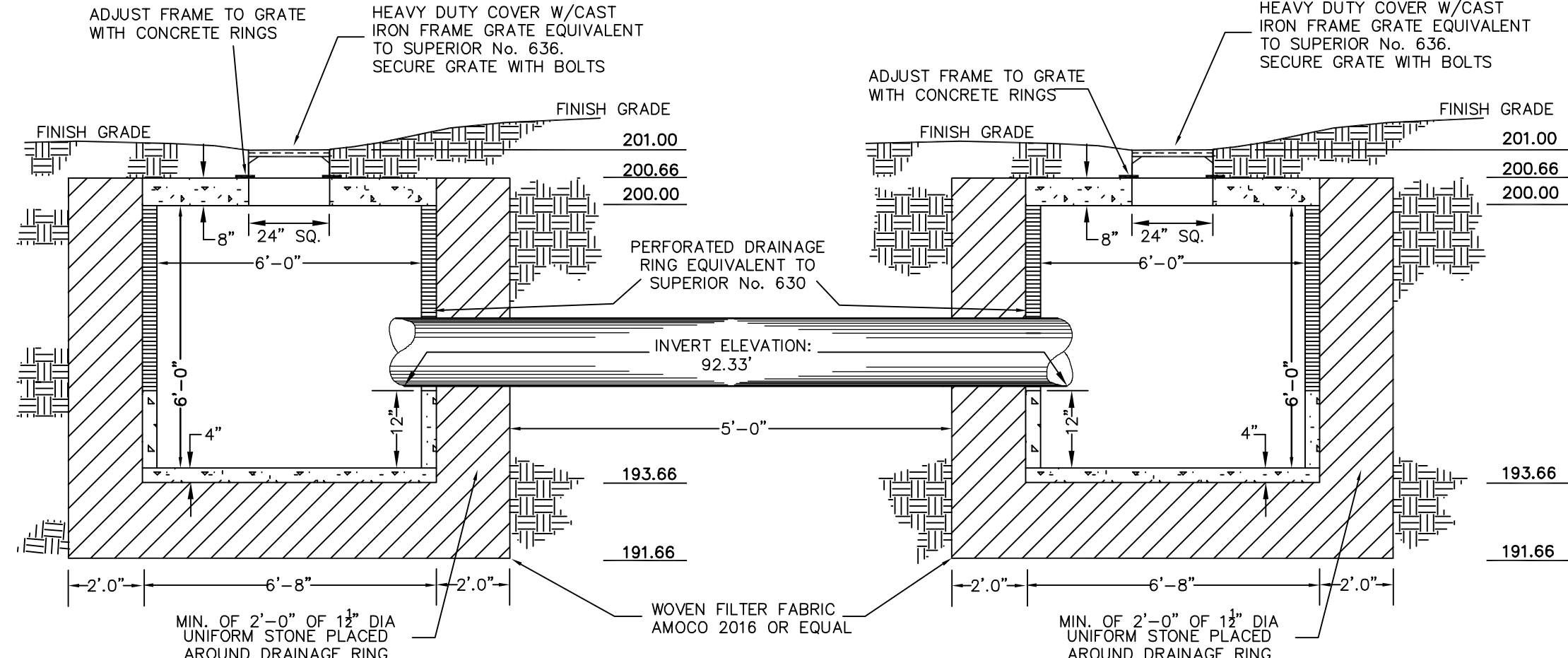
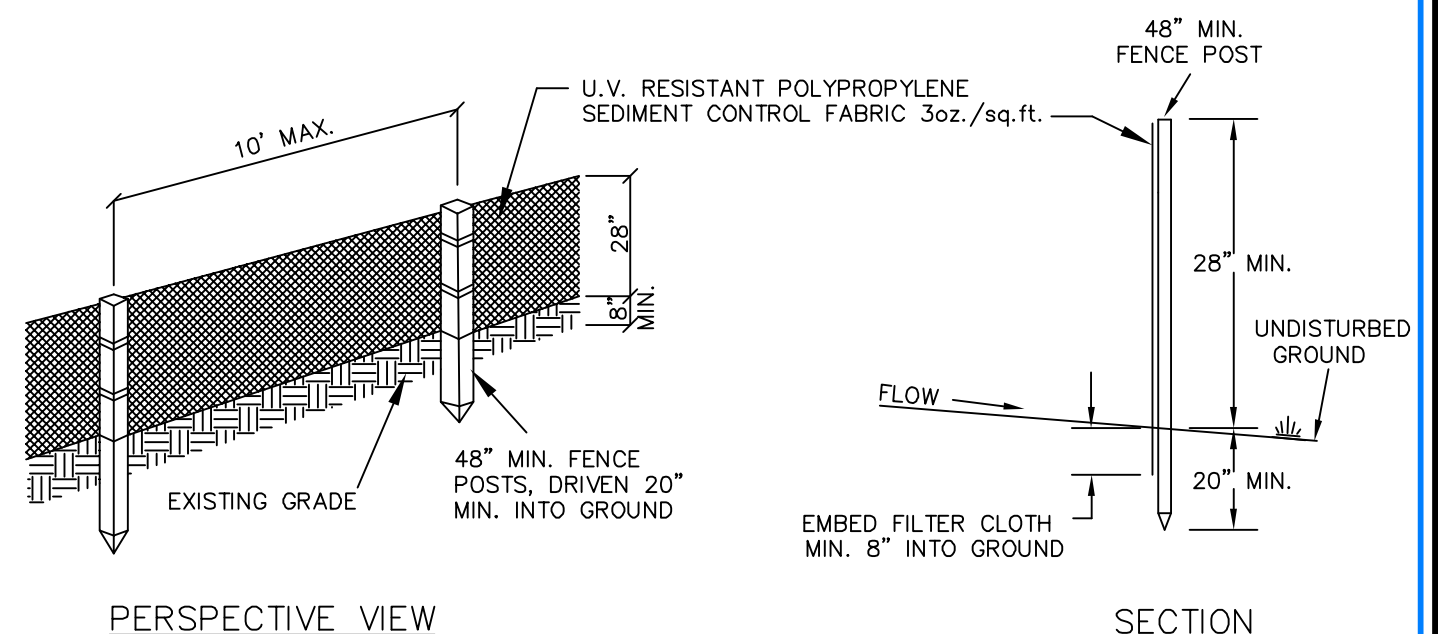


**EROSION AND SEDIMENTATION CONTROL GENERAL NOTES**

- CONDUCT ALL CONSTRUCTION IN A MANNER AND SEQUENCE THAT CAUSES THE LEAST PRACTICAL DISTURBANCE OF THE PHYSICAL ENVIRONMENT. ALL DITCHES AND SWALES MUST BE STABILIZED PRIOR TO DIRECTING FLOW TO THEM.
- ALL GROUND AREAS OPENED UP FOR CONSTRUCTION WILL BE RE-GRADED, LOAMED, SEEDED AND MULCHED IN THE SHORTEST PRACTICAL TIME. NO AREA MAY BE DISTURBED AND LEFT UNSTABILIZED FOR MORE THAN THIRTY DAYS. NO AREA IN EXCESS OF 5 ACRES SHALL BE EXPOSED AT ANY ONE TIME. ALL SOILS FINISH GRADED MUST BE STABILIZED WITHIN SEVENTY-TWO HOURS OF DISTURBANCE. ALL TEMPORARY OR LONG TERM SEEDING MUST BE APPLIED PRIOR TO OCTOBER 15TH. EMPLOY TEMPORARY EROSION AND SEDIMENTATION CONTROL DEVICES AS DETAILED ON THIS PLAN AS NECESSARY UNTIL ADEQUATE STABILIZATION HAS BEEN ASSURED. TEMPORARY SEEDING: SEE "TEMPORARY SEEDING SPECIFICATIONS" IN PLANS LONG TERM SEEDING: SEE "LONG TERM SEEDING SPECIFICATIONS" IN PLANS AN AREA IS CONSIDERED "STABLE" IF ONE OF THE FOLLOWING HAS OCCURRED:
  - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED
  - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
  - A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED; OR EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- WINTER NOTES:
  - ALL PROPOSED POST-DEVELOPMENT VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE PLACEMENT OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
  - ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
  - AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES SHALL BE PROTECTED WITH A MINIMUM OF 3-INCHES OF CRUSHED GRAVEL PER NH DOT ITEM 304.3, OR IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER SEASON BE CLEARED OF ANY ACCUMULATED SNOW AFTER EACH STORM EVENT.
- SILTATION FENCING TO BE SECURELY EMBEDDED AND STAKED AS DETAILED. WHEREVER POSSIBLE A VEGETATED STRIP OF AT LEAST TWENTY-FIVE FEET IS TO BE KEPT BETWEEN SILT FENCE AND ANY EDGE OF WET AREA.
- SEEDED AREAS WILL BE FERTILIZED AND RESEDED AS NECESSARY TO ENSURE VEGETATIVE ESTABLISHMENT.
- SEDIMENT BASIN(S), IF REQUIRED, TO BE CHECKED AFTER EACH SIGNIFICANT RAINFALL AND CLEANED AS NEEDED TO RETAIN DESIGN CAPACITY.
- ALL EROSION CONTROL MEASURES SHALL BE INSPECTED, AT A MINIMUM, WEEKLY AND AFTER EVERY 0.5" OF RAINFALL. NECESSARY REPAIRS WILL BE MADE TO CORRECT UNDERMINING OR DETERIORATION OF THE BARRIER AS WELL AS CLEANING, REMOVAL AND PROPER DISPOSAL OF TRAPPED SEDIMENT.
- TREATMENT SWALES WILL BE CHECKED WEEKLY AND REPAIRED WHEN NECESSARY UNTIL ADEQUATE VEGETATIVE COVER HAS BEEN ESTABLISHED.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES IN THE PLAN SHALL MEET THE DESIGN STANDARDS AND SPECIFICATIONS SET FORTH IN THE STORMWATER MANAGEMENT AND EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE (AUGUST 1992 OR LATEST) PREPARED BY ROCKINGHAM COUNTY CONSERVATION DISTRICT, N.H. DES AND NRCS.
- PROVIDE SILT FENCING ON THE DOWN SLOPE SIDES OF EARTH STOCKPILES.
- A LOG/JOURNAL IS TO BE KEPT DOCUMENTING THE REGULAR INSPECTION AND MAINTENANCE OF THE EROSION AND SEDIMENTATION CONTROL PRACTICES REQUIRED ON THE SITE.
- NOTIFICATION OF INTENT (NOI) TO THE US EPA (STORMWATER NOTICE PROCESSING CENTER FOR A NPDES PHASE II STORMWATER PERMIT IS REQUIRED BY SITE OPERATOR AND OWNER AT LEAST SEVEN DAYS PRIOR TO ANY CONSTRUCTION ACTIVITY DISTURBING 1 ACRE OR MORE OF LAND. A COPY OF THE NOI WILL BE POSTED AT THE FOLLOWING SITE: <http://efpub.epa.gov/npdes/stormwater/NOI/NOISearch.cfm>



**DRAINAGE RINGS**  
NOT TO SCALE



**SILT FENCE**  
NOT TO SCALE

**SILT FENCE NOTES**

- THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR BEST MANAGEMENT PRACTICE FOR SILT FENCES, OF THE "STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE" PREPARED BY ROCKINGHAM COUNTY CONSERVATION DISTRICT, DATED AUGUST 1992.
- THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED AND STAPLED.
- FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 20 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQ.IN.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT BULGES IN THE SILT FENCE DUE TO DEPOSITION OF SEDIMENT.
- REMOVE BY HAND AND PROPERLY DISPOSE OF ALL SEDIMENT PRIOR TO REMOVING FENCE.

**DRAINAGE RINGS MAINTENANCE REQUIREMENTS**

- REMOVAL OF DEBRIS FROM INLET AND OUTLET STRUCTURE
- REMOVAL OF ACCUMULATED SEDIMENT
- INSPECTION AND REPAIR OF OUTLET STRUCTURES AND APPURTENANCES
- INSPECTION OF INFILTRATION COMPONENTS AT LEAST TWICE ANNUALLY, AND FOLLOWING ANY RAINFALL EVENT EXCEEDING 2.5 INCHES IN A 24 HOUR PERIOD, WITH MAINTENANCE OR REHABILITATION CONDUCTED AS WARRANTED BY SUCH INSPECTION.
- IF AN INFILTRATION SYSTEM DOES NOT DRAIN WITHIN 72 HOURS FOLLOWING A RAINFALL EVENT, THEN A QUALIFIED PROFESSIONAL SHOULD ASSESS THE CONDITION OF THE FACILITY TO DETERMINE MEASURES REQUIRED TO RESTORE INFILTRATION FUNCTION, INCLUDING BUT NOT LIMITED TO REMOVAL OF ACCUMULATED SEDIMENTS OR RECONSTRUCTION OF THE INFILTRATION TRENCH.

**EROSION AND SEDIMENTATION CONTROL CONSTRUCTION PHASING AND SEQUENCING**

- SEE "EROSION AND SEDIMENTATION CONTROL GENERAL NOTES" WHICH ARE TO BE AN INTEGRAL PART OF THIS PROCESS.
- INSTALL SILT FENCING AND OTHER BMP PRACTICES AS PER DETAILS AND AT LOCATIONS SHOWN ON THE DRAWINGS. MAINTAIN REGULARLY TO PREVENT SEDIMENT MIGRATION.
- CLEAR AND GRUB AREA. DISPOSE OF DEBRIS IN APPROPRIATE FACILITIES.
- STRIP AND STOCKPILE TOPSOIL. STABILIZE STOCKPILES OF SOIL CONSTRUCTION MATERIAL BY PROVIDING SILT FENCING ON DOWNSLOPE SIDES.
- CONSTRUCT DRAINAGE RINGS AS DEPICTED ON DRAWINGS. NO DRAINAGE WILL BE DIRECTED TO THE STRUCTURES UNTIL THEY ARE STABILIZED. AN AREA IS CONSIDERED "STABLE" IF ONE OF THE FOLLOWING HAS OCCURRED:
  - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED
  - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
  - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- ROUGH GRADE SITE.
- INSTALL SITE IMPROVEMENTS PER THE PLANS AND DETAILS. CONSULT THE DESIGN ENGINEER IN THE EVENT OF ANY CONFLICTS.
- FINISH GRADE AND COMPACT SITE.
- RE-SPREAD AND ADD TOPSOIL TO ALL SIDE SLOPES. TOTAL TOPSOIL THICKNESS TO BE A MINIMUM OF FOUR INCHES.
- STABILIZE ALL AREAS OF BARE SOIL WITH MULCH (70 TO 90 LBS. PER 1000 SQ. FT.) AND SEEDING PER "GENERAL NOTES".
- RESEED PER "LONG TERM SEEDING SPECIFICATIONS SHOWN IN PLANS.
- SILT FENCING AND OTHER TEMPORARY EROSION CONTROL MEASURES ARE TO REMAIN AND BE MAINTAINED FOR TWELVE MONTHS AFTER CONSTRUCTION TO INSURE ESTABLISHMENT OF ADEQUATE SOIL STABILIZATION AND VEGETATIVE COVER. ALL SILT FENCING AND TRAPPED SILT ARE THEN TO BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
- CLEAN SITE AND DRAINAGE STRUCTURES OF ALL SILTS AND DEBRIS.
- NOTIFY ALL PERMITTING AGENCIES WHEN CONSTRUCTION HAS FINISHED.

**TEMPORARY SEEDING**

\*WELL TO MODERATELY WELL DRAINED SOILS FOR CUT AND FILL AREA AND FOR WATERWAYS AND CHANNELS

	#/ACRE	#/1000 S.F.
FOR APRIL 1 - AUGUST 15 ANNUAL RYE GRASS	40	1
FOR FALL SEEDING WINTER RYE	112	2.5

LIME: AT 1 TON PER ACRE or 100 LBS PER 1,000 S.F.  
FERTILIZER: 10 TO 10 (NITROGEN, PHOSPHATE, POTASH) AT 1000# / ACRE  
MULCH: HAY OR STRAW; 2 TONS/ACRE OR 2 BALES/1000 S.F.

**GRADING AND SHAPING:**  
SLOPES SHALL NOT BE STEEPER THAN 2:1. 3:1 OR FLATTER SLOPES ARE PREFERRED.  
**SEEDBED PREPARATION:**  
SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS. STONES LARGER THAN FOUR INCHES AND TRASH SHOULD BE REMOVED. SOD SHOULD BE TILLED TO A DEPTH OF FOUR INCHES TO PREPARE SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

\*FROM: STORMWATER MANAGEMENT AND EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE AUGUST 1992.

**LONG TERM SEEDING**

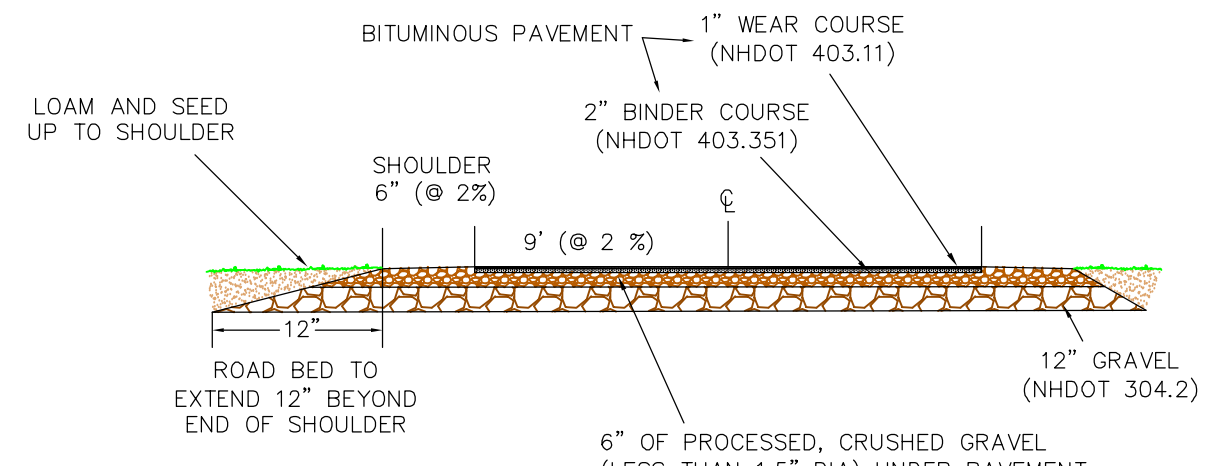
\*WELL TO MODERATELY WELL DRAINED SOILS FOR CUT AND FILL AREAS AND FOR WATERWAYS AND CHANNELS SEEDING MIXTURE C

	#/ACRE	#/1000S.F.
TALL FESCUE:	20	0.45
CREeping RED FESCUE:	20	0.45
BIRDFOOT TREFOIL:	8	0.20
TOTAL:	48	1.10

LIME: AT 2 TONS PER ACRE or 100 LBS PER 1,000 S.F.  
FERTILIZER: 10 TO 20 (NITROGEN, PHOSPHATE, POTASH) AT 500# PER ACRE  
MULCH: HAY OR CLEAN STRAW; 2 TONS/ACRE OR 2 BALES/1000 S.F.

**GRADING AND SHAPING:**  
SLOPES SHALL NOT BE STEEPER THAN 2 TO 1. 3 TO 1 OR FLATTER SLOPES ARE PREFERRED.  
**SEEDBED PREPARATION:**  
SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS. STONES LARGER THAN FOUR INCHES AND TRASH SHOULD BE REMOVED. SOD SHOULD BE TILLED TO A DEPTH OF FOUR INCHES TO PREPARE SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

\*FROM: STORMWATER MANAGEMENT AND EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE AUGUST 1992.



**DRIVE THRU LANE CROSS SECTION DETAIL**

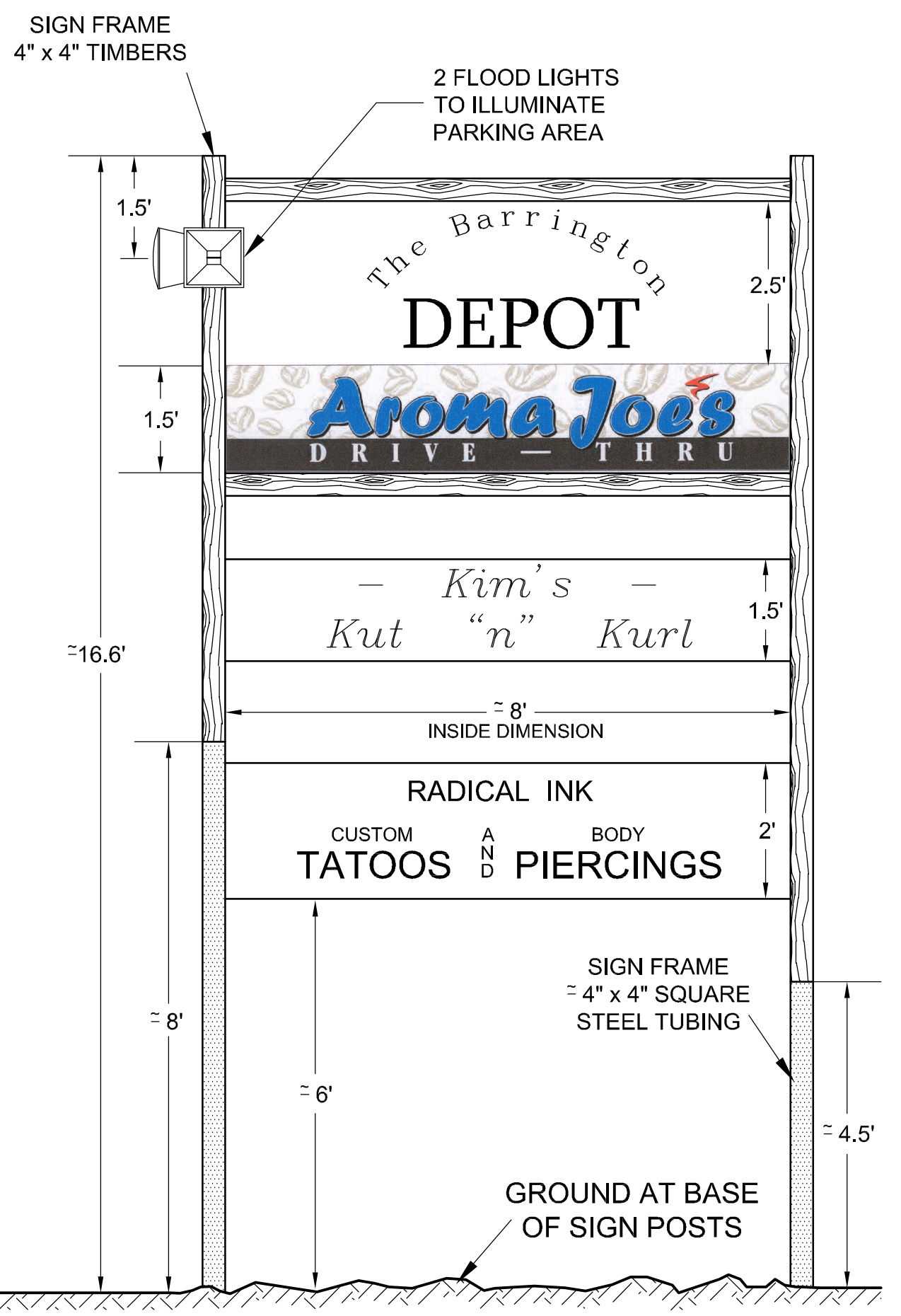
NOTE: THE MINIMUM COMPACTION RATE, ( 6" LIFTS), SHALL BE NINETY FIVE PER CENT (95%), OPTIMUM, MODIFIED PROCTOR DENSITY. ALL STUMPS SHALL BE REMOVED FROM THE SUBBASE AND THE RIGHT-OF-WAY. ALL LEDGE AND BOULDERS WHICH EXCEED A DIAMETER OF TWELVE INCHES (12") SHALL NOT BE USED IN THE SUBBASE. THE UPPER 6" SHALL NOT CONSIST OF ANY MATERIALS OTHER THAN PROCESSED GRAVEL WITH AN AGGREGATE SIZE OF LESS THAN ONE & ONE HALF INCHES (1.5"). ANY SUB SURFACE RUNNING WATER SHALL BE EITHER DIVERTED OUTSIDE OF THE TRAVELED WAY OR CONTAINED TO PREVENT UNDERMINING OF THE ROAD BASE.

**PARKING AREA NOTES:**

1. THE NUMBER OF PARKING SPACED NEEDED HAS BEEN DETERMINED USING THE CURRENT TOWN OF BARRINGTON SITE PLAN REGULATIONS. USING TABLE 6 IN ARTICLE 4.9.13(2), THE REQUIREMENT FOR NUMBER OF PARKING SPACES FOR THIS BUILDING ARE AS FOLLOWS:

KIM'S KUT N' KURL (BEAUTY OR BARBER SHOP)	2 SPACES PER CHAIR
3 CHAIRS TOTAL = 6 SPACES REQUIRED	
RADICAL INK (BEAUTY OR BARBER SHOP)	2 SPACES PER CHAIR
1 CHAIR TOTAL = 2 SPACES REQUIRED	
AROMA JOE'S COFFEE (FAST FOOD RESTAURANT)	1 SPACE PER 75 S.F.
448 SQ. FT. OF FLOOR SPACE = 6 SPACES REQUIRED	
HANDICAPPED PARKING SPACE REQUIREMENT = 1 SPACE PER 25 STANDARD SPACES	

TOTAL NUMBER OF PARKING SPACES REQUIRED FOR THIS BUILDING = 14 STANDARD, 1 HANDICAPPED  
TOTAL NUMBER OF PARKING SPACES PROVIDED = 15 STANDARD, 1 HANDICAPPED



NOTE: ALL 4 SIGNS ARE CONSTRUCTED FROM A SINGLE SHEET OF 3/4" PLYWOOD AND HAVE IDENTICAL GRAPHICS ON BOTH SIDES.

**PROPOSED BUSINESS SIGN**  
NOT TO SCALE

**CONSTRUCTION NOTES:**

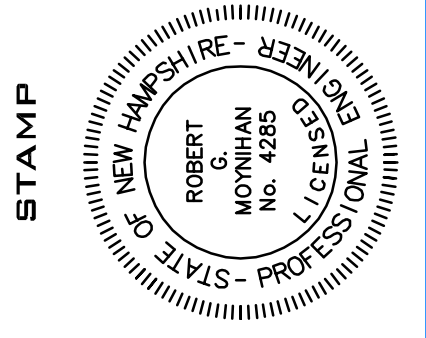
- EROSION CONTROL AND WETLANDS PROTECTION MEASURES SHALL BE USED IN ACCORDANCE WITH NRCS STORMWATER MANAGEMENT AND EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE (LATEST EDITION) FOR THE DURATION OF THE PROJECT.
- EXISTING UTILITIES- ALL INFORMATION ON AND LOCATION OF, EXISTING UTILITIES ARE APPROXIMATE AND BASED ON FIELD INFORMATION AND AVAILABLE PLANS. EXACT LOCATIONS AND DEPTHS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS REQUIRED UNDER NEW HAMPSHIRE LAW TO CONTACT "DIG-SAFE" AT 1-800-225-4977, 72 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE "DIG-SAFE" LOCATIONS THROUGHOUT THE DURATION OF THE PROJECT.
- THE CONTRACTOR SHALL BEAR THE COST TO REPAIR ANY UTILITIES DAMAGED DURING THE COURSE OF THE WORK.
- ALL EARTHWORK ACTIVITIES SHALL CONFORM TO THE PRACTICES OUTLINED IN THE USDA NATURAL RESOURCE CONSERVATION SERVICE, STORMWATER MANAGEMENT & EROSION & SEDIMENT CONTROL DESIGN HANDBOOK.
- GRASS AREAS SHALL BE LOAMED (4"), SEEDED (48 lbs. PER ACRE, SCS MIXTURE "A"), LIMED (2 TON PER ACRE), FERTILIZE WITH 10-20-20, (500 lbs. PER ACRE) AND MULCHED (1.5 TONS PER ACRE). ALL TEMPORARY LOAM STOCKPILES SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES. TEMPORARY HAYBALE BARRIERS SHALL BE INSTALLED DOWN SLOPE OF ALL DISTURBED AREA AND SHALL BE EMBEDDED AND ANCHORED IN ACCORDANCE WITH SCS.
- ALL MATERIAL & CONSTRUCTION METHODS SHALL CONFORM TO THE STATE OF NEW HAMPSHIRE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION. FILL UNDER PAVED AREAS SHALL BE COMPACTED IN 6" LIFTS TO 95% OPTIMUM DENSITY, AND SHALL BE FREE OF ORGANIC MATERIALS. BANK RUN GRAVEL (NH DOT ITEM # 304.2) SHALL BE 100% PASSING THE 6" SIEVE. CRUSHED GRAVEL (NH DOT ITEM # 304.3) SHALL BE 100% PASSING THE 1-1/2" SIEVE. PAVEMENT SHALL CONSIST OF A 2" BASE LAYER (225 lbs./SQ. YD.) WITH 3/4" DIA. TYPE B (NH DOT ITEM # 403.11) HOT BITUMINOUS CONCRETE AND A 1" WEARING LAYER (115 lbs./SQ. YD.) WITH 1/2" DIA. TYPE E (NH DOT ITEM # 403.11) HOT BITUMINOUS CONCRETE.
- REGULATION REQUIREMENTS OF THE TOWN OF BARRINGTON, N.H. SHALL BE ADHERED TO.

**TOPSOIL STANDARD:**

FRIABLE, FERTILE, NATURAL, FREE-DRAINING LOAM TYPICAL OF THE LOCALITY; FREE OF SUBSOIL ROOTS, GRASS, STICKS, WEEDS, CLAY, SOD LUMPS, DEBRIS AND STONES LARGER THAN ONE (1) INCH MAXIMUM DIMENSION. SOIL SHALL NOT BE EXCESSIVELY ACID OR ALKALINE, NOR CONTAIN TOXIC MATERIAL HARMFUL TO PLANT GROWTH. SOIL SHALL CONTAIN IN EXCESS OF 5% ORGANIC MATERIAL BY WEIGHT.

**SITE PLAN NOTES & DETAILS**  
TAX MAP 238, LOT 49.1  
371 ROUTE 125  
BARRINGTON, STRAFFORD COUNTY  
NEW HAMPSHIRE  
PREPARED FOR  
**AROMA JOE'S COFFEE**

**R. G. Moynihan**  
CIVIL ENGINEER AND SURVEYOR  
18 CAPTAIN PARKER DRIVE  
LEE, N.H. 03824  
(603) 659-2596



**Geometres Blue Hills, LLC**  
PO BOX 277  
HORNWATOWN ROAD  
FARRINGTON, NH 03855-0277  
603-659-2367  
LAND SURVEYING  
LAND USE CONSULTING  
SEPTIC SYSTEM DESIGN  
ENVIRONMENTAL CONSULTING

**SHEET**  
**3 OF 4**