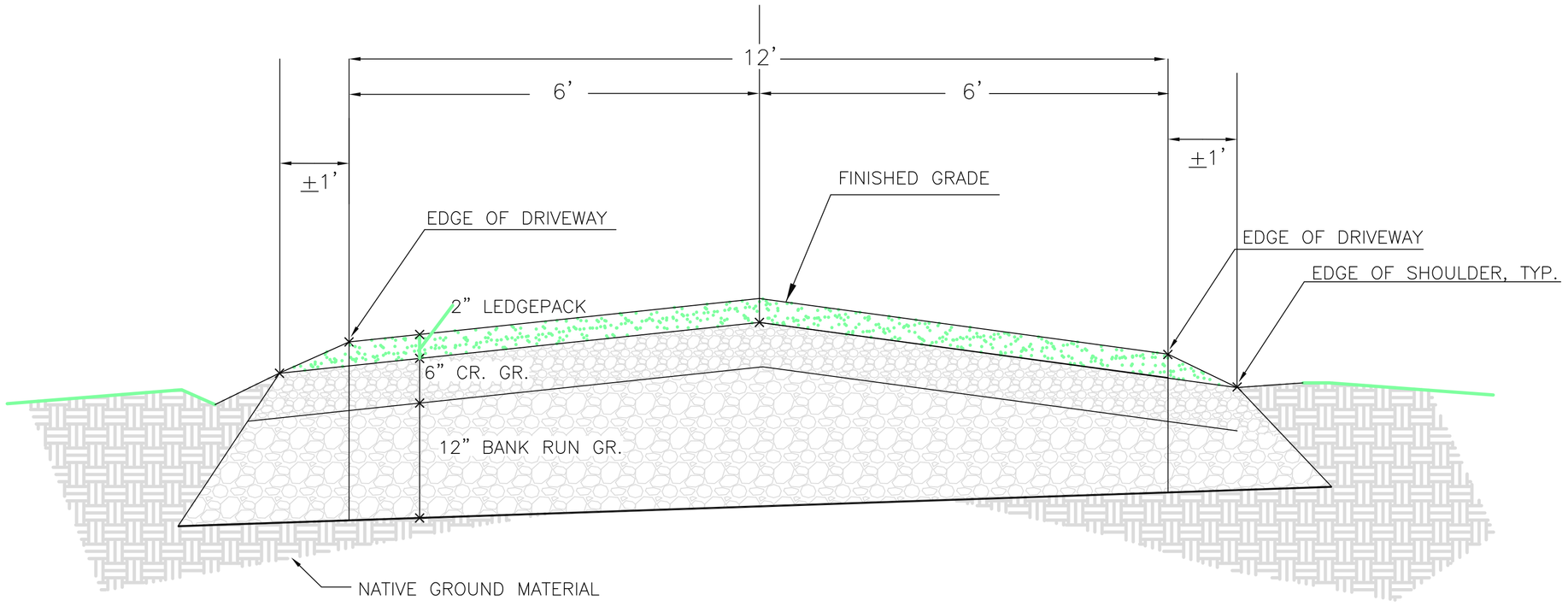
Typical Gravel Driveway Cross–Section NOT–TO–SCALE

Driveway Centerline

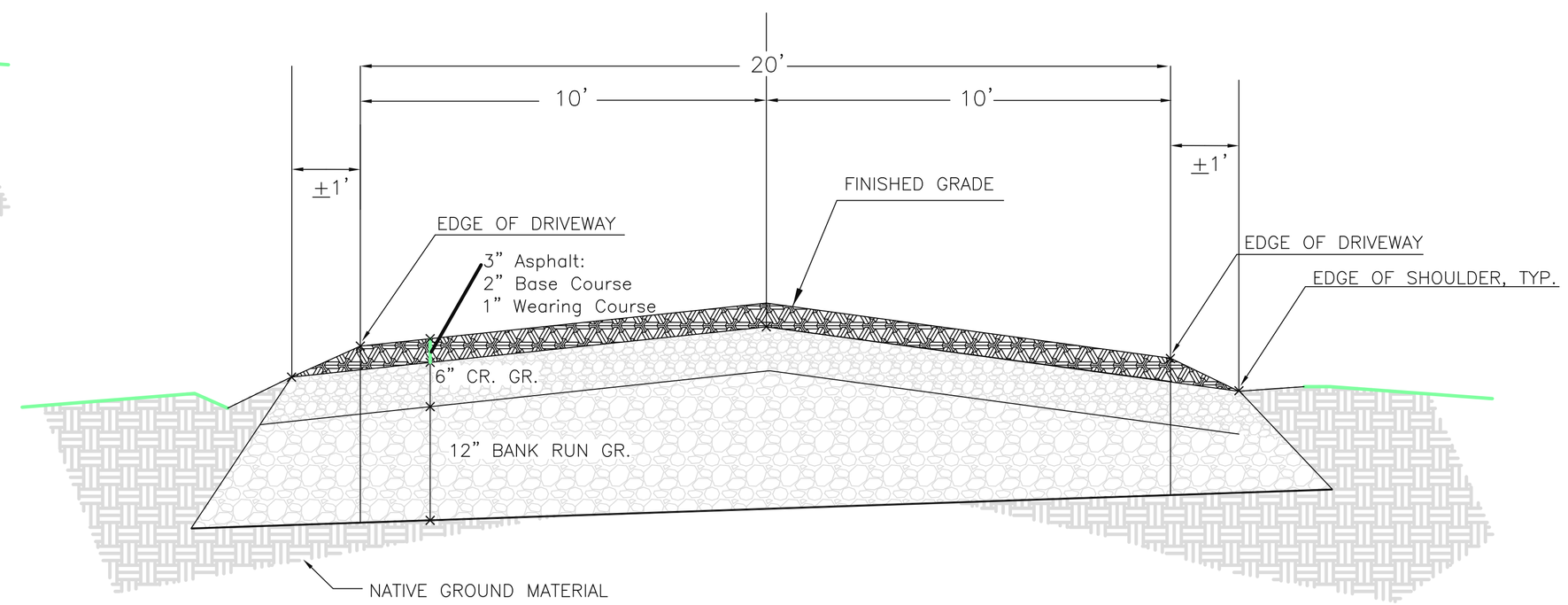


CONSTRUCTION SEQUENCE & EROSION CONTROL NOTES:

1. POST ALL PERMITS AT THE PROJECT SITE IN A CONSIPICUOUS LOCATION.
2. INSTALL SEDIMENT AND EROSION CONTROL FACILITIES. ALL PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS.
3. SILT FENCE OR SEDIMENT LOGS SHALL BE INSTALLED DOWNGRADIENT FROM ALL CONSTRUCTION ACTIVITIES.
4. ALL SEDIMENT AND EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE STATE OF NEW HAMPSHIRE DEPT. OF ENVT. SERVICES BEST MANAGEMENT PRACTICES.
5. INSPECT SITE REGULARLY TO ENSURE PROPER FUNCTION OF SEDIMENT AND EROSION CONTROLS. SITE SHALL BE INSPECTED WEEKLY, AT A MINIMUM, AND ALSO AFTER/DURING SEVERE STORM EVENT(S), WHICH SHALL CONSIST OF RAINFALL THAT EXCEEDS ½ INCH IN 24 HOURS.
6. CLEAR AND GRUB SITE AREA. ANY AND ALL OBJECTIONAL MATERIAL SHALL BE REMOVED TO AN APPROPRIATE LOCATION OFF–SITE. THIS INCLUDES, BUT IS NOT LIMITED TO: GARBAGE, DEAD/DISEASED VEGETATION, AND ROOT SYSTEMS.
7. MULCH ALL DISTURBED AREAS WITHIN 48 HOURS OF DISTURBANCE.
8. CONSTRUCT NEW DRIVEWAY ACCESS.
9. CONSTRUCT HOUSE, SUBSURFACE WASTEWATER DISPOSAL SYSTEM, AND WELL.
10. LOAM AND SEED DISTURBED AREAS UPON SITE COMPLETION FOLLOWING BEST MANAGEMENT PRACTICES.
11. REMOVE SEDIMENT AND EROSION CONTROL MEASURES UPON SITE STABILIZATION.

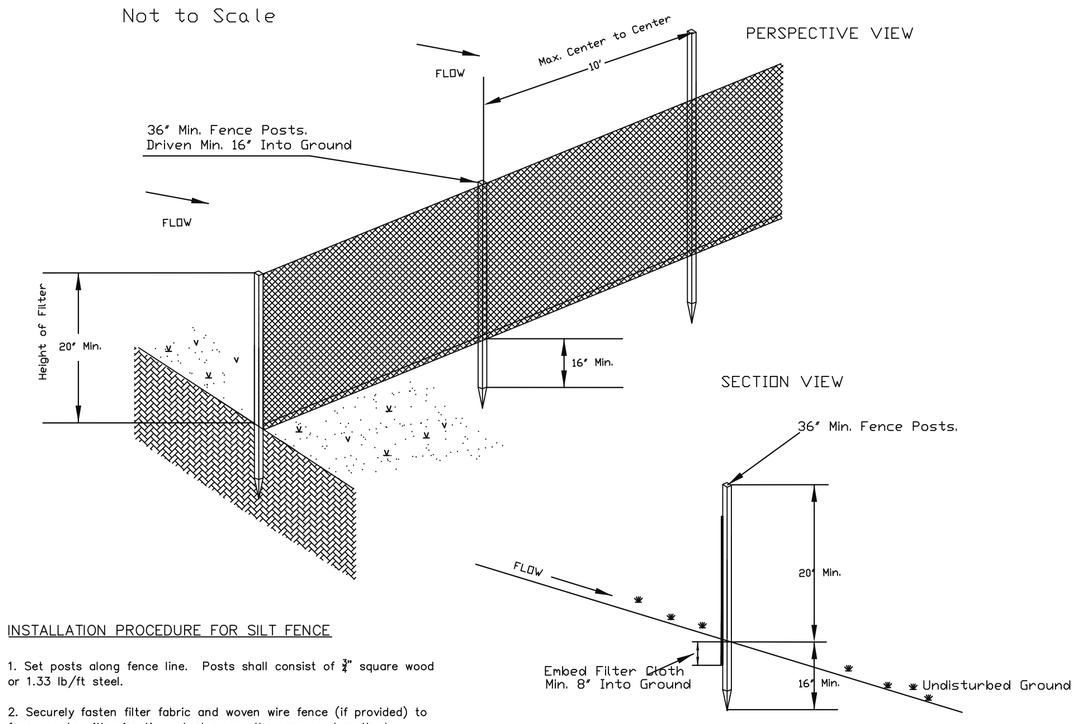
Paved Apron Cross–Section NOT–TO–SCALE

Driveway Centerline



SILT FENCE

Not to Scale



INSTALLATION PROCEDURE FOR SILT FENCE

1. Set posts along fence line. Posts shall consist of 2" square wood or 1.33 lb/ft steel.

2. Securely fasten filter fabric and woven wire fence (if provided) to fence posts with wire ties, staples, or other approved methods.

3. Securely fasten filter fabric to the woven wire fence with ties spaced every 600mm (24 in.) at the top, midsection and bottom.

4. When two sections of filter fabric adjoin each other, overlap the sections by 150mm (6 in.), fold, and staple at a post. Securely splice woven wire fence at a post.

5. Place silt fence 1500 mm (5 ft.) beyond the toe of slope or on the contour. At the end of silt fence runs, flare uphill.

6. Inspect during and after significant runoff event(s). Perform maintenance as needed or directed and remove material when "bulges" develop in the silt fence.

7. Remove silt fence, as directed, when no longer needed. Before the silt fence is removed, stabilize with vegetation any sediment which is permitted to remain in place.

VEGETATIVE MEASURES

TOPSOIL STOCKPILING: TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR LATER USE ON CRITICAL AREAS AND ALL OTHER AREAS TO BE SEEDED. THE STOCK PILE WILL NOT BE COMPACTED AND SHALL BE STABILIZED AGAINST EROSION WITH TEMPORARY SEEDING.

TEMPORARY SEEDING:

A) BEDDING: REMOVE STONES AND TRASH THAT WILL INTERFERE WITH SEEDING THE AREA. WHERE FEASIBLE, TILL THE SOIL TO A DEPTH OF ABOUT THREE INCHES TO PREPARE SEED BED AND MIX THE FERTILIZER INTO THE SOIL.

B) FERTILIZER: FERTILIZER SHOULD BE UNIFORMLY SPREAD OVER THE AREA PRIOR TO BEING TILLED INTO THE SOIL. A 10–10–10 MIX OF FERTILIZER SHOULD BE APPLIED AT A RATE OF 300 POUNDS PER ACRE (OR 7 POUNDS PER 1,000 S.F.)

C) SEED MIXTURE: USE ANY OF THE FOLLOWING:

SPECIES	PER ACRE	PER 1000 S.F.	DATES
WINTER RYE	112 LBS.	2.6 LBS.	8/15 – 10/1 (FALL)
OATS	80 LBS.	2.0 LBS.	4/1 – 7/1 ; 8/15 – 9/15
RYEGRASS (ANNUAL)	40 LBS.	1.0 LBS.	4/1 – 6/1
RYEGRASS (PERENIAL)	30 LBS.	0.7 LBS.	4/1 – 6/1 ; 8/15 – 9/15

D) MULCHING: MULCH SHALL BE USED ON HIGHLY ERODABLE SOIL, ON CRITICALLY ERODING AREAS, AND ON AREAS WHERE CONSERVATION OF MOISTURE WILL FACILITATE PLANT ESTABLISHMENT.

TYPE	RATE PER 1,000 S.F.	USE AND COMMENTS
HAY OR STRAW	70 TO 90 LBS.	MUST BE DRY AND FREE OF MOLD. MAY BE USED WITH PLANTINGS.
WOOD CHIPS OR BARK MULCH	160 TO 920 LBS.	USED MOSTLY WITH TREES AND SHRUBS PLANTINGS.
JUTE AND FIBROUS MATTING	AS PER MANUFACTURERS SPECIFICATIONS	USED IN SCOPE AREAS. WATER COURSED AND OTHER AREAS.
CRUSHED STONE ½" TO 1½ DIA.	SPREAD MORE THAN ½" THICK	EFFECTIVE IN CONTROLLING WIND AND WATER EROSION.

GENERAL NOTES

1. THIS PLAN HAS BEEN PREPARED FOR REVIEW BY THE TOWN OF NEW LONDON FOR BUILDING PERMIT REVIEW FOR THE CONSTRUCTION OF A NEW SINGLE–FAMILY RESIDENCE.
2. BASE PLAN DATA IS BASED ON PLAN PREPARED BY PIERRE J. BEDARD AND ASSOCIATED, P.C., DATED FEBRUARY 26, 2016, FOR THE DESIGN OF THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM.
3. PROPERTY LINE INFORMATION IS NOT BASED ON A COMPLETE BOUNDARY SURVEY.
4. SIGHT DISTANCE IN BOTH DIRECTIONS FOR THE DRIVEWAY EXCEEDS 150 FEET.

NO.	DATE	DESCRIPTION	BY
1			

STATE OF NEW HAMPSHIRE ERN MICHELLE DARROW No. 11767 LICENSED PROFESSIONAL ENGINEER

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CONSTRUCTION DETAILS
NEW HOUSE CONTRUCTION
ZONING VARIANCE PLAN
FOR REVIEW BY THE
TOWN OF NEW LONDON

SHAKER ROAD
TAX MAP 98, LOT 17
NEW LONDON, NEW HAMPSHIRE

SEPTEMBER 20, 2016

PREPARED FOR OWNER:

DEBRA & ROBERT BERUBE
P.O. BOX 711
NEW LONDON, NH 03257