

THE ZONING ORDINANCE, SEE N.H. RSA 674:39

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DWG. NO.

1

KPM APB 12696

DESIGNED DRAFTED CHECKED APPROVED BOOK & PAGE REVISION SIZE JOB NUMBER

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■ STONE BOUND (FOUND

• IRON PIN (FOUND)

NOTES:

NET CONTIGUOUS

(S.F. / AC.) 102,439 SF

99,298 SF

120,460 SF

BUILDABLE AREA

FRONTAGE

473.82 FT.

154.94 FT.

152.00 FT.

STEEP SLOPES

(S.F. / AC.)

69,500 SF

45,000 SF

21,300 SF

TOTAL LOT AREA

(S.F. / AC.)

236,108 SF

131,878 SF

130,659 SF

LOT NUMBER

138/10-1

138/10-2

WETLANDS

(S.F. / AC.)

9,969 SF

2,340 SF

2,323 SF

1. TOTAL AREA = 498,646 S.F OR 11.45 Ac.±

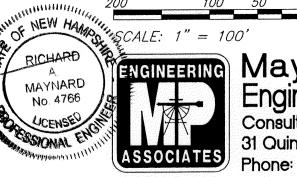
2. U.S.D.A.-N.R.C.S. SOIL SURVEY INDICATES ON-SITE SOILS AS: WAC WINDSOR LOAMY SAND, 8-15% SLOPE WdB WINDSOR LOAMY SAND, 3-8% SLOPE

GRADING SUBDIVISION PLAN

TAX MAP 128/LOT 10

# 299 WEBSTER STREET HUDSON, NEW HAMPSHIRE

PREPARED FOR: M.R. LACASSE HOMES, LLC 9 SCENIC LANE HUDSON, NH 03051



ENGINEERING Maynard & Paquette Engineering Associates, LLC Consulting Engineers and Land Surveyors 31 Ouincy Street, Nashua, N.H. 03060 Phone: (603)883-8433 Fax: (603)883-7227

KPM

<u>BENCHMARK DATA:</u> DI<mark>S</mark>K×IN HEADWALL — NGVD 1929 DATUM ELEV. = 123.14 APPROVED BY THE HUDSON, N.H. PLANNING BOARD DATE OF MEETING: I CERTIFY THAT THIS PLAN WAS PREPARED FROM SIGNATURE DATE: A FIELD SURVEY LAST MADE ON THE GROUND ON MAY 2021, HAVING A MAXIMUM ERROR OF SUBDIVISIONS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING CLOSURE OF 1:10,000. FINAL APPROVAL. FOR AN APPLICANT TO GAIN AN EXEMPTION FROM ALL SUBSEQUENT CHANGES IN SUBDIVISION REGULATIONS, SITE PLAN REGULATIONS, AND CHANGES TO

TYPE (TYP) S XDELINEATED EDGE -... MAR 128/LOT 10 130,659 S.F. 3.00 Ao

PERC. RATE: 10 MIN./INCH T.P. #5 APRIL 20, 2021 ELEV = 132.61 0 - 8" LOAM/TOPSOIL 8 - 36" YELLOW SAND WITH CLAY 36 - 96" COARSE SAND WITH SOME CLAY S.H.W.T. 72" WATER NONE @ 96" PERC. RATE: 10 MIN./INCH T.P. #6 APRIL 20, 2021 ELEV = 132.67 0 - 8" LOAM/TOPSOIL 8 - 72" YELLOW COURSE SAND WITH SOME CLAY 72 — 96" RED COURSE SAND S.H.W.T. 72" WATER NONE @ 96" PERC. RATE: 10 MIN./INCH

T.P. #2 APRIL 20, 2021 ELEV = 135.49 0 - 4" LOAM/TOPSOIL 6 - 48" YELLOW SAND, LITTLE CLAY 48 - 96" LIGHT YELLOW SAND, LITTLE CLAY, COARSE S.H.W.T. 48"

TEST PIT DATA:

T.P. #1 APRIL 20, 2021 ELEV = 135.72 0 - 6" LOAM/TOPSOIL

> WATER NONE @ 96" PERC. RATE: 6 MIN./INCH

WATER NONE @ 96" PERC. RATE: 6 MIN./INCH T.P. #3 APRIL 20, 2021 ELEV = 134.37 0 - 4" LOAM/TOPSOIL 6 - 36" DENSE SAND WITH CLAY 36 - 108" RED COARSE SAND WITH CLAY S.H.W.T. 36" WATER NONE @ 108"

6 - 48" YELLOW, DENSE COARSE SAND WITH CLAY 48 - 96" COARSE YELLOW SAND, SOME GRAVEL

PERC. RATE: 8 MIN./INCH T.P. #4 APRIL 20, 2021 ELEV = 133.55 0 - 8" LOAM/TOPSOIL 8 - 36" YELLOW SAND WITH CLAY 36 - 96" COARSE SAND WITH SOME CLAY S.H.W.T. 72" WATER NONE @ 96"

THE ZONING ORDINANCE, SEE N.H. RSA 674:39

#### NOTES: STANDARD TRENCH SECTION

- 1.0 GENERAL
  1.1 CONTRACTOR IS RESPONSIBLE TO MAKE ALL PROPER
  NOTIFICATIONS TO UTILITIES AND OBTAIN REQUIRED PERMITS
  FROM GOVERNMENTAL AUTHORITIES IN CHARGE OF THE PUBLIC
  RIGHT OF WAY TO BE DISTURBED PRIOR TO START OF
- 1.2 IF UNSUITABLE LOAD BEARING MATERIAL EXISTS BELOW DESIGN TRENCH EXCAVATION GRADE, OVER EXCAVATION SHALL BE REFILLED WITH BEDDING CLASS MATERIAL AND THOROUGHLY TAMPED BY MECHANICAL EQUIPMENT TO 95% COMPACTION.
- 2.0 BEDDING AND PIPE INSTALLATION
  2.1 REFER TO PLANS FOR SIZE AND MATERIAL OF PIPE. THE PIPE
  SHALL BE HANDLED, PLACED, AND JOINTED IN ACCORDANCE WITH
  INSTALLATION GUIDES OF THE APPROPRIATE MANUFACTURER, IT INSTALLATION GUIDES OF THE APPROPRIATE MANOFACTURER, IT SHALL BE CAREFULLY BEDDED ON A 6 INCH MINIMUM LAYER OF SCREENED GRAVEL AND/OR CRUSHED STONE FREE FROM CLAY, LOAM, ORGANIC MATTER AND MEETING ASTM C33, STONE SIZE NO. 67 PER ENV—WS 706.05. SIZE NO. 67 PER ENV-WS 700.03.
  THE BEDDING MATERIAL SHALL THEN BE THOROUGHLY TAMPED BY MECHANICAL EQUIPMENT TO 95% COMPACTION BEFORE PIPE PLACEMENT. AFTER THE PIPE HAS BEEN SET TO GRADE, ADDITIONAL BEDDING MATERIAL SHALL BE PLACED UP TO THE SPRING LINE OF THE PIPE. TAMPING BARS SHALL BE CAREFULLY EMPLOYED TO ASSURE COMPACTION OF THE BEDDING
- UNDER THE LOWER QUADRANTS OF THE PIPE. 3.0 BACKFILL 3.1 AS SOON AS PRACTICABLE AFTER THE PIPE HAS BEEN LAID, JOINTED, PROPERLY BEDDED (AND TESTED, IF REQUIRED) BACKFILLING SHALL BEGIN AND THEREAFTER BE PROSECUTED
- EXPEDITIOUSLY. 3.2 A SAND BLANKET SHALL BE CAREFULLY PLACED IN 6-INCH LAYERS TO A DEPTH OF 12 INCHES OVER THE CROWN OF THE PIPE. EACH LAYER SHALL BE THOROUGHLY COMPACTED WITH MECHANICAL EQUIPMENT WITH CARE TAKEN NOT TO DAMAGE THE PIPE. THEN BACKFILLING SHALL BE CONTINUED WITH SUITABLE MATERIAL IN LAYERS NOT TO EXCEED 3 FT. EXCEPT WHERE OTHERWISE REQUIRED BY DPW. COMPACTION STANDARDS AND THE UPPER LIMIT OF SUITABLE MATERIAL BACKFILL WILL TO BE IN ACCORDANCE WITH LOCATION OF TRENCH. REFER TO PLANS FOR CROSS-COUNTRY OR ROADWAY LOCATIONS. REFER TO "TYPICAL
- ROADWAY CROSS SECTION" DETAIL WHERE REQUIRED. 3.4 SUITABLE MATERIAL IN ROADS, ROAD SHOULDERS, WALK-WAYS MATERIAL EXCAVATED DURING THE COURSE OF CONSTRUCTION, BUT SHALL EXCLUDE DEBRIS, PIECES OF PAVEMENT, ORGANIC MATTER, TOPSOIL, ALL WET OR SOFT MUCK, PEAT OR CLAY, ALL EXCAVATED LEDGE MATERIAL, AND ALL ROCKS OVER SIX INCHES IN LARGEST DIMENSION, OR AND ANY MATERIAL WHICH, AS DETERMINED BY THE TOWN/CITY ENGINEER, WILL NOT PROVIDE SUFFICIENT SUPPORT OR MAINTAIN THE COMPLETED CONSTRUCTION IN A STABLE CONDITION.

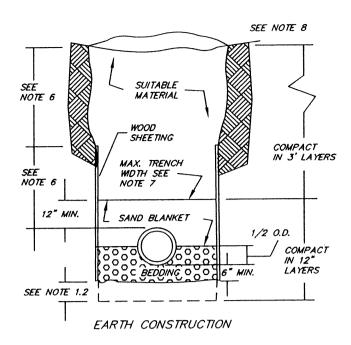
APPROVED BY THE HUDSON, N.H. PLANNING BOARD

SUBDIVISIONS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FOR AN APPLICANT TO GAIN AN EXEMPTION FROM ALL SUBSEQUENT CHANGES IN SUBDIVISION REGULATIONS, SITE PLAN REGULATIONS, AND CHANGES TO

SIGNATURE DATE:\_

DATE OF MEETING:

THE ZONING ORDINANCE, SEE N.H. RSA 674:39



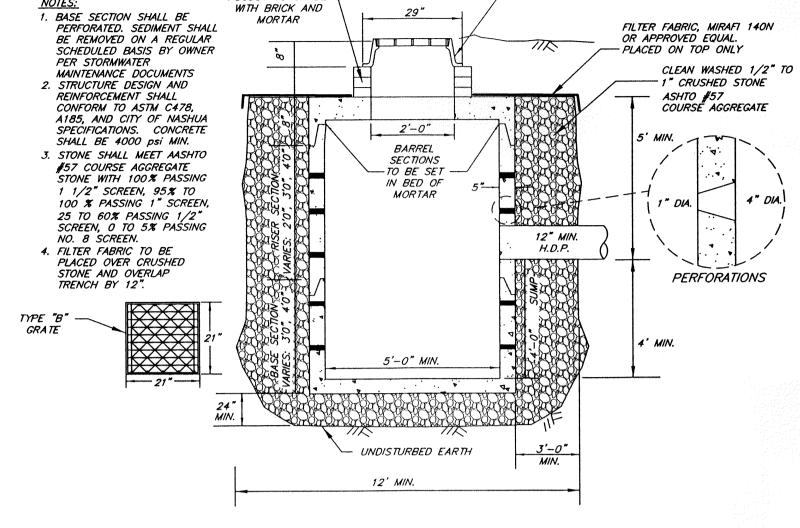
IN CROSS-COUNTRY CONSTRUCTION, SUITABLE MATERIAL SHALL BE AS DESCRIBED ABOVE, EXCEPT THAT THE ENGINEER MAY
PERMIT THE USE OF TOPSOIL, LOAM, MUCK, OR PEAT. THE
ENGINEER SHALL BE SATISFIED THAT THE COMPLETED
CONSTRUCTION WILL PROVIDE SUFFICIENT SUPPORT TO MAINTAIN
A STABLE CONDITION. FINAL LANDSCAPING ABOVE TRENCH SHOULD PROVIDE EASY ACCESS TO THE SEWER CONNECTION FOR MAINTENANCE AND/OR POSSIBLY RECONSTRUCTION, IF

- 5.0 BASE COURSE AND PAVEMENT: WHERE REQUIRED BY PLANS AND/OR ORDERED BY ENGINEER SHALL COMPLY WITH "TYPICAL ROADWAY CROSS SECTION" DETAIL AND NOTES.
  6.0 WOOD SHEETING: IF REQUIRED. WHERE SHEETING IS PLACED WOOD SHEETING: IF REQUIRED. WHERE SHEETING IS PLACED ALONGSIDE THE PIPE AND EXTENDS BELOW MID—DIAMETER, IT SHALL BE CUT OFF AND LEFT IN PLACE TO AN ELEVATION NOT LESS THAN ONE FOOT ABOVE THE TOP OF THE PIPE. WHERE SHEETING IS ORDERED BY THE ENGINEER TO BE LEFT IN PLACE, IT SHALL BE CUT OFF AT LEAST THREE FEET BELOW FINISHED GRADE, BUT NOT LESS THAN ONE FOOT ABOVE THE TOP OF THE
- 7.0 A MAXIMUM ALLOWABLE TRENCH WIDTH TO A PLANE 12 INCHES ABOVE THE PIPE, FOR A 15 INCH NOMINAL DIAMETER OR LESS, SHALL BE NO MORE THAN 36 INCHES, FOR PIPES GREATER THAN 15 INCHES NOMINAL DIAMETER, SHALL BE 24 INCHES PLUS PIPE D.D., SHALL ALSO BE THE SPECIFIED WIDTH FOR LEDGE EXCAVATION AND FOR ORDERED EXCAVATION BELOW GRADE. 8.0 FOR CROSS COUNTRY CONSTRUCTION BACKFILL OR FILL SHALL BE
- GROUND SURFACE. 9.0 CONCRETE: FOR MANHOLE SECTIONS SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF JOOD PSI AND MEET THE SPECIFICATIONS AS SET FORTH IN Env-Ws 706.06

MOUNDED TO A HEIGHT OF SIX INCHES ABOVE THE ORIGINAL

- 10.0 IF FULL ENCASEMENT IS UTILIZED, DEPTH OF CONCRETE BELOW PIPE SHALL BE 1/4 I.D. (4" MIN.) BLOCK SUPPORT SHALL BE SOLID BLOCKS. 11.0 WATER LINES SHALL BE SEPARATED FROM SANITARY SEWER LINES BY A TEN
- FOOT HORIZONTAL DISTANCE OR MEET REQUEMENTS OF Env-Ws 706.09(D) 12.0 WHENEVER SANITARY SEWER MUST CROSS WATER MAINS, THE SEWER SHALL BE CONSTRUCTED AS FOLLOWS: 12.1 SEWER PIPE JOINTS SHALL BE AT LEAST 9 FEET HORIZONTALLY FROM
- WATER MAIN. 12.2 SEWER PIPE LOINTS SHALL BE PRESSURE TESTED WITH ZERO LEAKAGE AT 25 POUNDS PER SQUARE INCH FOR GRAVITY SEWER AND 1 1/2 TIMES WORKING PRESSURE FOR FORCE MAINS. 12.3 VERTICAL SEPARATION OF THE SANITARY SEWER AND WATER MAIN SHALL
- BE NOT LESS THAN 18 INCHES.

STANDARD TRENCH DETAIL



ADJUST TO GRADE -

- CAST IRON FRAME AND GRATE

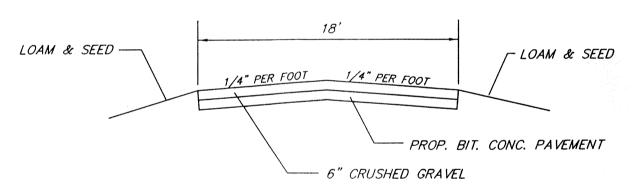
# LEACHING CISTERN

N. T. S.

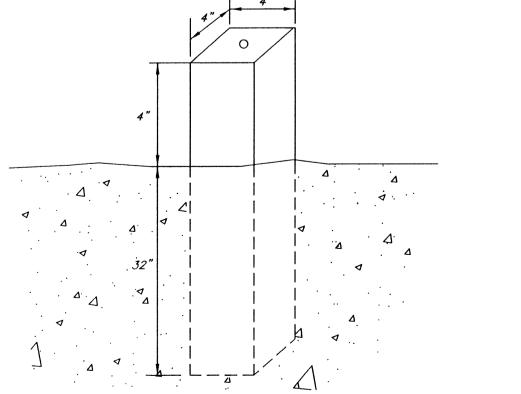
## DRIVEWAY (SLOPES VARY BY LOT) EXISTING ROAD SURFACE - 6" CRUSHED GRAVEL -BITUMINOUS CONCRETE PAVEMENT—— WEARING & BASE COURSES GRAVEL MATERIALS FOR DRIVEWAY SHALL MEET NH DOT 304.3 SPECIFICATIONS

# TYPICAL DRIVEWAY SECTION

AND BE THOROUGHLY TAMPED BY MECHANICAL EQUIPMENT TO 95% COMPACTION PER MODIFIED PROCTOR METHOD.



## DRIVEWAY CROSS- SECTION

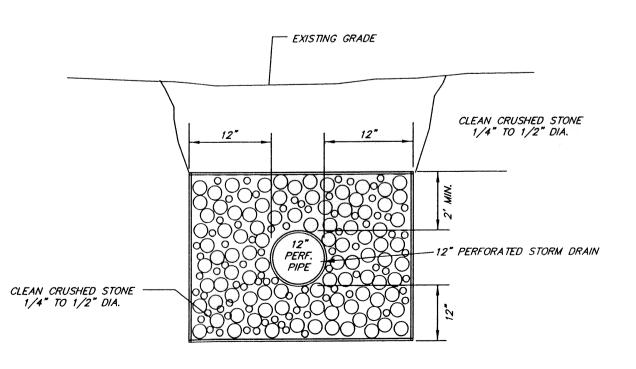


N. T. S.

CRUSHED GRAVEL

BANK RUN GRAVEL

STONE BOUND DETAIL



PERFORATED STORM DRAIN

CONSTRUCTION DETAILS - TAX MAP 128/LOT 10

## 299 WEBSTER STREET HUDSON, NEW HAMPSHIRE

PREPARED FOR: M.R. LACASSE HOMES, LLC 9 SCENIC LANE HUDSON, NH 03051

SCALE: N.T.S. JULY 13, 2021



Engineering Associates, LLC Consulting Engineers and Land Surveyors 31 Quincy Street, Nashua, N.H. 03060 Phone: (603)883-8433 Fax: (603)883-7227

DESIGNED DRAFTED CHECKED APPROVED REVISION SIZE JOB NUMBER OF 5

EROSION AND SEDIMENT CONTROL PRACTICES INCLUDE THE USE OF THE FOLLOWING: STRAW BALE BARRIERS, SILT SCREEN FENCE BARRIERS, TEMPORARY SEDIMENTATION BASINS, PERMANENT DETENTION/SEDIMENTATION BASINS, GRASS AND/OR ROCK LINED SWALES, DIVERSIONS WITH LEVEL SPREADERS.

- ALL PERMANENT AND TEMPORARY EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH "STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS OF NEW HAMPSHIRE", AUGUST 1992, PREPARED BY NHDES AND RCCD IN COOPERATION WITH USDA-
- P. ALL CONSTRUCTION ACTIVITY SHALL BE DONE IN COMPLIANCE WITH THE EPA'S PHASE II STORM WATER REGULATIONS. THE CONTRACTOR SHALL FILE THE EPA NOTICE OF INTENT (NOI) FORM AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION. THE ENTIRE CONTENTS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE RETAINED ON SITE BY THE CONTRACTOR AND MADE AVAILABLE TO ALL LOCAL, STATE, AND FEDERAL CODE ENFORCEMENT PERSONNEL.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING
- a. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN THE AREAS TO
- b. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED; c. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE
- OR RIPRAP HAS BEEN INSTALLED; OR d. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED. WINTER CONSTRUCTION:
- a. ALL PROPOSED 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 INSTALLATION 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.
- b. ALL ITCHES 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 TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- C. AFTER NOVEMBER 15TH, INCOMPLETE ROAD AND/OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL (NHDOT ITEM 304.3).
- 5. THE SMALLEST PRACTICAL AREA OF LAND NECESSARY FOR ROAD AND LOT DEVELOPMENT SHALL BE EXPOSED AT ONE TIME. IN NO CASE SHALL THIS AREA EXCEED THAT WHICH SHALL ACHIEVE PERMANENT VEGETATION COVER PRIOR TO THE NEXT WINTER SEASON OR 5 ACRES, WHICHEVER IS LESS.
- 6. FILL MATERIAL USED FOR ROADWAY CONSTRUCTION SHALL BE FREE FROM STUMPS. WOOD. ROOTS, AND OTHER ALIEN MATERIALS.
- ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4 INCHES OF CLEAN, SCREENED LOAM PLACED BEFORE BEING SEEDED AND MULCHED.
- THE SUMPS FOR ALL CATCH BASINS SHALL BE PERIODICALLY CLEANED, WITH THE SEDIMENT REMOVED TO A SECURE LOCATION SO AS TO PREVENT SILTATION OF NATURAL DRAINAGE AND WATERWAYS. D. STRAW AND/OR HAY MULCH SHALL BE MOWINGS OF ACCEPTABLE HERBACEOUS
- GROWTH, FREE FROM NOXIOUS WEEDS AND STEMS, AND SHALL BE DRY. 10. SILT SCREEN FENCES SHALL BE PERIODICALLY INSPECTED DURING THE LIFE OF THE PROJECT AND AFTER EACH SIGNIFICANT STORM. ALL DAMAGED FENCES SHALL BE REPLACED OR REPAIRED. SEDIMENT DEPOSITS SHALL BE REMOVED PERIODICALLY AND SHALL NOT BE ALLOWED TO ACCUMULATE TO THE POINT OF AFFECTING THE FUNCTION OF THE FENCES.

#### B. STRUCTURAL MEASURES

- 1. STRAW BALE BARRIERS/SILT SCREEN FENCES: STRAW BALE BARRIERS AND/OR SILT SCREEN FENCES ARE TO BE INSTALLED IN THE AREAS SHOWN ON THE PLAN. THEY ARE INTENDED PRIMARILY TO INTERCEPT AND FILTER SWALE VOLUMES OF "SHEET FLOW" RUNOFF, OR AS SEDIMENT TRAPS IN SMALL SWALES. STRAW BALES HAVE A USEFUL LIFE OF THREE MONTHS WHEN WET AND THEREFORE MUST BE INSPECTED AND REPAIRED OR REPLACED PERIODICALLY. SILT SCREEN FENCES WILL FUNCTION SIX MONTHS OR LONGER IF KEPT FREE OF SEDIMENT ACCUMULATIONS. (SEE DETAILS FOR ADDITIONAL INFORMATION.)
- . SWALES: TEMPORARY AND/OR PERMANENT SWALES ARE TO BE INSTALLED AS SHOWN ON THE PLAN. SWALES ARE USED TO CONVERT SHEET FLOW TO CHANNEL FLOW AND CONVEY THE RUNOFF TO A PERMANENT CHANNEL, STORM DRAIN. OR DETENTION/SEDIMENT STRUCTURE. SWALES ARE INTENDED TO INTERCEPT RUNOFF AND DIVERT IT FROM AN EXPOSED OR NEWLY SEEDED SLOPE TOWARD AN ACCEPTABLE OUTLET (GRASS SWALES, SEDIMENTATION POND. ETC.) OR TO REDUCE THE VELOCITY OF RUNOFF FLOWING DOWN FROM A DRAINAGE AREA. (SEE DETAIL FOR ADDITIONAL INFORMATION.)

#### C. VEGETATIVE MEASURES

- . TOPSOIL STOCKPILING: TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR LATER USE ON CRITICAL AREAS AND ALL OTHER AREAS TO BE SEEDED. THE STOCKPILE WILL NOT BE COMPACTED AND SHALL BE STABILIZED AGAINST EROSION WITH TEMPORARY SEEDING. 2. 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 3" 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 LBS/ACRE, OR 7 LBS PER 1000 S.F. SEED MIXTURE: USE ANY OF THE FOLLOWING:

C. SEED MIXIO	IKE. USE ANI	OF THE POLLO	11/140.	
SPECIES	SEEDIN	IG RATE	DATES	DEPTH
	PER ACRE	PER 1000 S.F.		
WINTER RYE	112 LBS	2.5 LBS	8/15-9/5	1 /N
OATS	80 LBS	2.0 LBS	SPRING-15-5/5	1 IN
RYEGRASS (ANNUAL)	40 LBS	1.0 LBS	4/15-9/15 (W/MULCH)	0.25 IN

- d. MULCHING: WHERE IT IS IMPRACTICAL TO INCORPORATE FERTILIZER AND SEED INTO MOIST SOIL, THE SEEDED AREA SHOULD BE MULCHED TO FACILITATE GERMINATION. MULCH IN THE FORM OF STRAW SHOULD BE APPLIED AT A RATE OF 70 TO 90 LBS/1000 S.F.
- 3. PERMANENT SEEDING: a. BEDDING-STONES LARGER THAN 4", TRASH, ROOTS, AND OTHER DEBRIS THAT INTERFERES WITH SEEDING AND FUTURE MAINTENANCE OR THE AREA SHOULD BE REMOVED. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF 4" TO PREPARE A SEEDBED AND MIX FERTILIZER INTO THE SOIL. THE SEED BED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH
- b. FERTILIZER-LIME AND FERTILIZER SHOULD BE APPLIED EVENLY OVER THE AREA PRIOR TO OR AT THE TIME OF SEEDING AND SHOULD BE INCORPORATED INTO THE SOIL. KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED: AGRICULTURAL LIMESTONE @ 100 LBS/1000 S.F. 10-20-20 FERTILIZER @ 12 LBS/1000 S.F.

TYPE	LBS/ACRE	LBS/1000 S.F.	USE
TALL FRESQUE	20	0.45	STEEP CUTS AND FILLS
CREEPING RED FRESQUE	20	0.45	DETENTION BASINS
RED TOP	2	0.50	SWALES
TOTAL	42	2.30	
CREEPING RED FRESQUE	50	1.15	ALL OTHER AREAS
KENTUCKY BLUEGRASS	50	1.15	ALL OTHER AREAS
TOTAL	100	2.30	

D. MULCHING: MULCH SHOULD BE USED ON HIGHLY ERODABLE SOILS, ON CRITICALLY ERODING AREAS, AND ON AREAS WHERE CONSERVATION OF

MOISTURE WILL FACILITATE PLANT ESTABLISHMENT.						
TYPE	RATE/100 S.F.	USE AND COMMENTS				
HAY OR STRAW	70-90 LBS	MUST BE DRY AND FREE FROM MOLD. MAY BE USED WITH PLANTINGS.				
WOOD CHIPS/BARK	AS PER MANUFACTURERS' SPECIFICATIONS	USED MOSTLY WITH TREES AND MULCH—SHRUBS PLANTINGS				
JUTE AND FIBROUS MATTING	AS PER MANUFACTURERS' SPECIFICATIONS	USED IN SCOPE AREAS, WATER COURSED AND OTHER AREAS				
CRUSHED STONE	SPREAD MORE THAN ½-Ø THICK	EFFECTIVE IN CONTROLLING WIND AND WATER EROSION				

E. SODDING: SODDING IS DONE WHERE IT IS DESIRABLE TO RAPIDLY ESTABLISH COVER ON A DISTURBED AREA. SODDING ON AREA MAY BE SUBSTITUTED FOR PERMANENT SEEDING PROCEDURES ANYWHERE ON SITE. BED PREPARATION, FERTILIZING, AND PLACEMENT OF SOD SHALL BE PERFORMED ACCORDING TO THE S.C.S. HANDBOOK.

SODDING IS RECOMMENDED FOR STEEP SLOPED AREAS, AREAS IMMEDIATELY ADJACENT TO SENSITIVE WATER COURSE, EASILY ERODABLE SITES (FINE SANDS/SILTS), ETC.

#### D. MAINTENANCE

DURING THE PERIOD OF CONSTRUCTION AND/OR UNTIL LONG TERM VEGETATION IS ESTABLISHED,

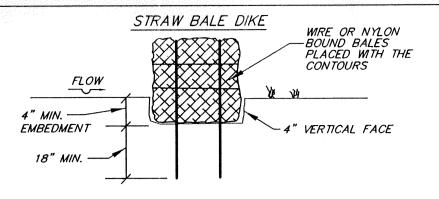
- 1. SEEDED AREAS WILL BE FERTILIZED AND SEEDED AS NECESSARY TO INSURE VEGETATIVE ESTABLISHMENT.
- 2. ADDITIONAL STONE MAY HAVE TO BE ADDED TO THE CONSTRUCTION ENTRANCE, ROCK-LINED SWALES, ETC. PERIODICALLY, TO MAINTAIN THE PROPER FUNCTIONING OF THE EROSION CONTROL STRUCTURE.
- 3. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EVERY 0.5 INCHES OF RAINFALL.

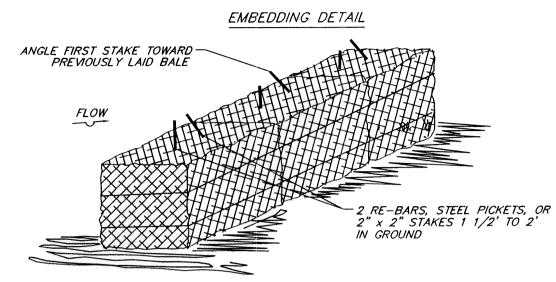
#### E. SEQUENCE OF CONSTRUCTION

- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS. THESE MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS AND SHALL BE CLEANED AND REPLACED AS NECESSARY. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS NECESSARY SHOULD DEVELOPING SITE CONDITIONS WARRANT.
- ?. THE LIMIT OF TREE CLEARING AND DEMOLITION SHALL BE MARKED BY THE OWNER/ENGINEER BEFORE ANY WORK IS TO TAKE PLACE. ALL CLEARING OPERATIONS FOR SITE WORK AND DRAINAGE CONSTRUCTION SHALL BE CONDUCTED ONE PHASE AT A TIME
- 3. AFTER THE CLEARING OPERATION IS COMPLETE. CONSTRUCTION SHALL BEGIN ON THE MAIN CONSTRUCTION ENTRANCE. RIP RAP (TRAP-ROCK) SHALL BE PLACED ACROSS THE FULL WIDTH OF THE ENTRANCE FOR A DISTANCE OF 50+ FEET AS SHOWN ON THE PLANS. AS THE RIP RAP BECOMES CLOGGED AND/OR COATED WITH SEDIMENT, ADDITIONAL 2 TO 3 INCH STONE SHALL BE LAID DOWN TO MAINTAIN THIS AREA. ALL TRAFFIC EXITING THE SITE SHALL CROSS OVER THIS PREPARED CONSTRUCTION ENTRANCE.

#### SPECIFICATIONS FOR STABILIZED CONSTRUCTION ENTRANCE

- A- STONE SIZE: 2 TO 3 INCH DIAMETER
- B- LENGTH: NOT LESS THAN 50 FEET
- C- THICKNESS: NOT LESS THAN 6 INCHES D- WIDTH: TEN FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE VEHICLES INGRESS AND EGRESS. E- FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO
- F- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE
- G- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE ADDITIONAL TOP DRESSING WITH ADDITIONAL STONES AS CONDITIONS DEMAND AND REPAIR AND/OR
- CLEANOUT OR ANY MEASURES USED TO TRAP SEDIMENT. H- PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AFTER EACH RAINFALL
- 4. TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED AROUND ALL EXISTING CATCH BASINS AND DRAINAGE OUTLETS. THESE MEASURES SHALL BE MAINTAINED IN PLACE UNTIL NEW DRAINAGE STRUCTURES ARE INSTALLED AND FUNCTIONING.
- 5. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS. THESE MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONTRACTION PROCESS, AND SHALL BE CLEANED AND REPLACED AS NECESSARY. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS NECESSARY SHOULD DEVELOPING SITE CONDITIONS WARRANT.
- 6. TOPSOIL SHALL THEN BE REMOVED FROM ALL PROPOSED ROADWAY AREAS AND BUILDING SITES WHICH WILL BE PAVED/CONSTRUCTED BEFORE THE NEXT WINTER SEASON. THE TOPSOIL SHALL BE STORED IN AREAS DESIGNATED ON THE PLANS. ANY STOCKPILED MATERIAL OR TEMPORARY GRADING SHALL BE STABILIZED BY SEEDING AND MULCHING WITHIN 72 HOURS IF THEY ARE TO REMAIN UNWORKED FOR MORE THAN 30 DAYS. ALL SOILS SHALL BE STABILIZED PRIOR TO THE NEXT WINTER SEASON, AND SHALL NOT BE LEFT EXPOSED THROUGH THE WINTER. NO AREA OF SOIL SHALL BE LEFT UNSTABILIZED FOR MORE THAN 60 DAYS.
- 7. AFTER DEMOLITION OPERATIONS ARE COMPLETE, ROUGH GRADING OF THE ROADWAY AND ASSOCIATED BUILDING SITES SHALL BE DONE. EROSION CONTROL MEASURES SHALL BE INSTALLED AROUND ALL DRAINAGE STRUCTURES IMMEDIATELY AFTER 9. ALL CLOSED DRAINAGE SHALL BE INSTALLED AS THE SITE IS BROUGHT TO
- GRADE. WHEN THE ROADWAY AND BUILDING SITES HAVE REACHED FINAL DESIGN GRADE, ALL SIDE SLOPES SHALL BE PERMANENTLY LOAMED AND SEEDED. 10. FINAL GRADING SHALL BE STABILIZED WITHIN 72 HOURS OF COMPLETION. LOAM AND SEEDING OF FINISHED GRADES SHOULD BE ACCOMPLISHED PRIOR TO SEPTEMBER 15, AFTER WHICH TIME THESE AREAS SHALL BE MULCHED AND FURTHER STABILIZED IN THE EVENT THAT SEEDING DOES NOT PRODUCE A HEALTHY
- STAND OF VEGETATION PRIOR TO THE END OF THE GROWING SEASON. ANY FINISHED SLOPE GREATER THAN 15% WHICH IS NOT STABILIZED PRIOR TO SEPTEMBER 15 SHALL BE COVERED WITH JUTE MATTING AND RESEEDED. 11. CONTINUE TO MAINTAIN ALL TEMPORARY EROSION CONTROL DEVICES IN PLACE UNTIL ALL DISTURBED AREAS HAVE ACHIEVED ADEQUATE VEGETATION COVER. RESEED AREAS AS NECESSARY TO PROMOTE PERMANENT GROUND COVER.
- 12. AFTER ROAD CONSTRUCTION (PAVING) IS COMPLETE AND ALL DISTURBED AREAS HAVE ACHIEVED ADEQUATE VEGETATION COVER, REMOVE ALL REMAINING ERODED SOIL ALONG WITH THE TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF





ANCHORING DETAIL

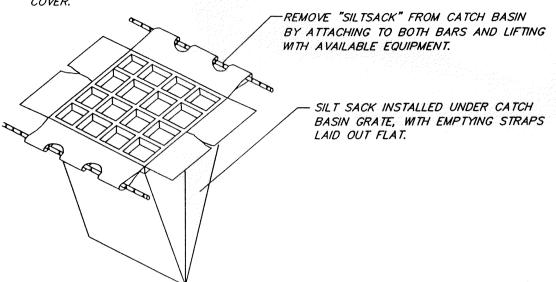
CATCH BASIN WITH GRATE STAKED STRAW BALET COMPACTED SOIL TO-PREVENT PIPING 00 00 00 RUNOFF WATER WITH SEDIMENT 90100100 FILTERED WATER--END AND SIDES OVERLAP AT CORNERS – STRAW BALES STAKED WITH TWO STAKES PER BALE

#### CONSTRUCTION SPECIFICATIONS

- 1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES. 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4". 3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR REBARS
- DRIVENS THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER. 4. INSPECTIONS SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

#### SILT SACK INSTALLATION IN CATCH BASIN

- 1. REMOVE DRAIN GRATE AND INSERT SILT SACK, MAKING SURE THAT THE EMPTYING STRAPS ARE LAID FLAT OUTSIDE OF THE BASIN. 2. REPLACE DRAIN GRATE TO HOLT SILT SACK INTO POSITION.
- 3. AS SILT SACK BECOMES FULL OF SEDIMENT, REMOVE WITH FRONT END LOADER (OR OTHER SUITABLE EQUIPMENT) AND EMPTY IN TOPSOIL STORAGE
- 4. REPLACE THE EMPTIED SILT SACK BACK INTO THE CATCH BASIN AND MAINTAIN UNTIL DISTURBED SLOPES HAVE ACHIEVED ADEQUATE VEGETATIVE

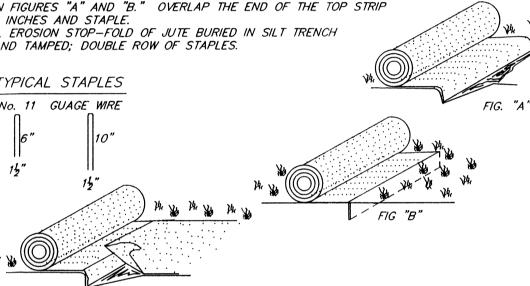


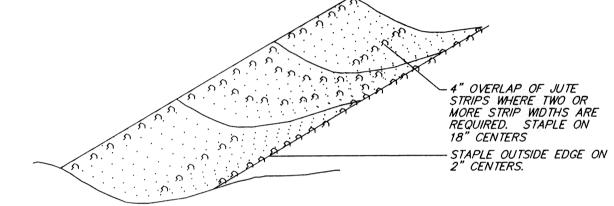
#### INSTALLATION NOTES:

- 1. STRAW BALES MAY BE USED AROUND CATCH BASINS PRIOR TO THE BASE COAT PAVING OPERATIONS. STRAW BALES SHALL NOT BE USED AS A TEMPORARY EROSION CONTROL
- MEASURE FOR CATCH BASINS AFTER BASE COAT PAVING. 2. SILT SACKS MAY BE USED PRIOR TO FINAL PAVING, AND MUST BE INSTALLED IN ALL CATCH BASINS AFTER FINAL PAYING. SILT SACKS TO BE MAINTAINED IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.

#### DETAIL FOR STABILIZING WITH JUTE MATTING

1. BURY THE TOP ENDS OF THE JUTE STRIPS IN A TRENCH 6 INCHES OR MORE IN DEPTH. 2. TAMP THE TRENCH FULL OF SOIL. SECURE IT WITH A ROW OF STAPLES, 6 INCH SPACING, 4 INCHES DOWN FROM THE TRENCH. 3. OVERLAP AND BURY THE UPPER END OF THE LOWER STRIP AS IN FIGURES "A" AND "B." OVERLAP THE END OF THE TOP STRIP 4 INCHES AND STAPLE. 4. EROSION STOP-FOLD OF JUTE BURIED IN SILT TRENCH AND TAMPED; DOUBLE ROW OF STAPLES. TYPICAL STAPLES No. 11 GUAGE WIRE



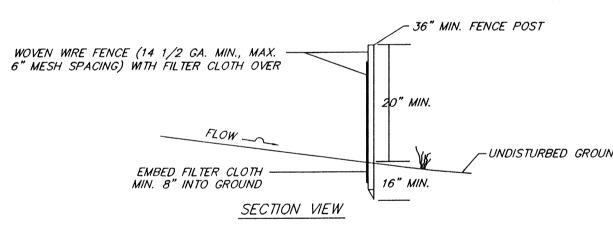


#### STRAW BALE INSTALLATION AT CATCH BASINS/OUTLET STRUCTURES

1. EXCAVATE A 4 INCH DEEP TRENCH AROUND THE INLET. MAKE THE TRENCH AS WIDE AS A STRAW BALE. 2. ORIENT STRAW BALES WITH THE BINDINGS AROUND THE SIDES OF THE BALES, RATHER THAN OVER AND UNDER THE BALES. 3. PLACE BALES LENGTHWISE AROUND THE INLET AND PRESS THE ENDS OF ADJACENT

BALES TOGETHER. 4. DRIVE TWO 2 INCH x 2 INCH STAKES THROUGH EACH BALE TO ANCHOR THE BALE

5. BACKFILL THE EXCAVATED SOIL AND COMPACT IT AGAINST THE BALES. 6. WEDGE LOOSE STRAW BETWEEN THE BALES TO PREVENT WATER FROM FLOWING IN BETWEEN THEM.



# WOVEN WIRE FENCE (MIN. 14 1/2 GUAGE, MAX. 6" MESH SPACING GROUND

### GENERAL SITE CONSTRUCTION SPECIFICATIONS

1. ALL GRADING OR DISTURBED AREAS, INCLUDING SLOPES, SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION, IN ACCORANCE WITH THESE PLANS, UNTIL THEY ARE PERMANENTLY STABILIZED 2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED, AND MAINTAINED IN ACCORDANCE WITH THESE PLANS. 3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.

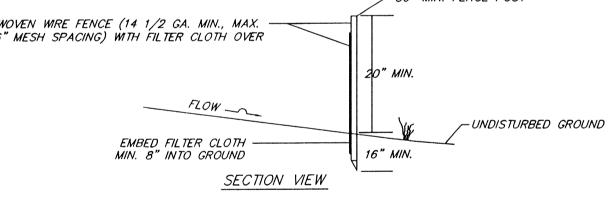
4. AREAS TO BE FINISHED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS, OR OTHER OBJECTIONABLE

5. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 3 INCHES PRIOR TO THE PLACEMENT OF TOPSOIL. 6. ALL FILL AREAS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION. SLIPPAGE, SETTLEMENT, SUBSIDENCE, OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES, CONDUITS, ETC., SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND CODES. 7. ALL FILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 8 INCHES IN THICKNESS.

BUILDING DEBRIS, AND OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS. 9. FROZEN MATERIAL OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS. 10. FILL SHALL NOT BE PLACED ON A FROZEN FOUNDATION.

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8. FILL MATERIAL SHALL BE FREE OF BRUSH, RUBBISH, LOGS, STUMPS, 11. SEEPS AND SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR 4. BACKFILL THE TRENCH OVER THE TOW OF THE FABRIC AND COMPACT THE SUBSURFACE DRAIN OR OTHER METHODS APPROVED BY THE CITY/TOWN



#### CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT TOP AND MID-SECTION. 3 WHERE TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES AND FOLDED TOGETHER. 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

#### INSTALLATION PROCEDURE

1. LAY OUT A SUITABLE FENCE LINE AND SET POSTS ALONG IT. ON SLOPES, ALIGN THE FENCE ALONG THE CONTOUR AS CLOSELY AS POSSIBLE. IN SMALL SWALES, CURVE THE FENCE LINE UPSTREAM AT THE SIDES TO DIRECT THE FLOW TOWARD THE MIDDLE OF THE FENCE. THE SIDES SHOULD BE HIGHER THAN THE CENTER. SPACE POSTS A MAXIMUM OF 10 FEET APART AND DRIVE THEM AT LEAST 12 INCHES INTO THE GROUND. WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING MUST NOT EXCEED 6 FEET. POSTS FOR SILT FENCES CAN BE EITHER 4 INCHØ WOOD OR 1.33 LB/FT STEEL WITH A MINIMUM LENGTH OF FIVE FEET. STEEL POSTS HAVE PROJECTIONS FOR FASTENING WIRE TO THEM. EXCAVATE A TRENCH APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF

POSTS AND UPSLOPE FROM THE BARRIER. 2. FASTEN WIRE MESH SECURELY TO THE UPSLOPE SIDE OF THE POSTS. USE HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG TO TIE THE WIRES OR HOG RINGS. EXTEND THE WIRE 6 INCHES INTO THE TRENCH. WIRE FENCE REINFORCEMENT FOR SILT FENCES MUST BE A MINIMUM OF 42 INCHES WIDE, BE A MINIMUM OF 14 GAUGE, AND HAVE A MAXIMUM MESH SPACING OF 6 INCHES. THE 42 INCH LENGTH IS NEEDED SO THAT 6 INCHES CAN BE EXTENDED INTO THE TRENCH AND LEAVE A 36 INCH SUPPORT FENCE ABOVE THE GROUND. WHEN EXTRA-STRENGHT FABRIC IS USED AND FENCE POSTS ARE MORE CLOSELY SPACED, THE WIRE MESH CAN BE OMITTED. 3. FASTEN THE FILTER FABRIC TO THE UPHILL SIDE OF THE FENCE POSTS AND EXTEND IT 6 TO 8 INCHES INTO THE TRENCH. THE HEIGHT OF THE FENCE SHOULD NOT EXCEED 36 INCHES. DO NOT STAPLE FABRIC ONTO TREES. CUT THE FILTER FABRIC FROM A CONTINUOUS ROLL TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, SPLICE THE FILTER CLOTH AT A SUPPORT POST, WITH A MINIMUM 6 INCH OVERLAP, AND SECURELY FASTEN BOTH ENDS TO THE

## SITE MAINTENANCE AND INSPECTION PROGRAM

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT. MAINTENANCE PRACTICES SHALL INCLUDE, BUT ARE NOT LIMITED TO:

1. CLEANING OF CATCH BASINS TWICE PER YEAR OR MORE FREQUENTLY AS DICTATED BY QUARTERLY INSPECTIONS AND/OR AFTER SIGNIFICANT RAINFALL EVENTS. 2. CLEANING OF SEDIMENT OR DEBRIS FROM STORM WATER MANAGEMENT AREA INLETS TWICE PER YEAR OR MORE FREQUENTLY AS DICTATED BY QUARTERLY INSPECTIONS AND/OR AFTER SIGNIFICANT

3. WEEKLY SITE INSPECTIONS TO DETERMINE/IMPLEMENT NECESSARY REPAIR AND MAINTENANCE

4. REMOVAL OF SEDIMENT BUILDUP ALONG SILT FENCES, STRAW BALE BARRIERS, GRASS SWALES, AND TREATMENT BASIN INLETS. REMOVE SEDIMENT BUILDUP IN BOTTOM OF TREATMENT BASINS SUCH THAT ALL OUTLETS ARE KEPT FREE FROM SEDIMENT AND DEBRIS.

5. INSPECTION/RECONSTRUCTION OF THE STABILIZED CONSTRUCTION ENTRANCE 6. TREATMENT OF NON-STORMWATER RELATED DISCHARGES SUCH AS WATER LINE INSTALLATION FLUSH WATER OR GROUNDWATER FROM DEWATERING ACTIVITIES. THESE FLOWS SHOULD BE DIRECTED TO A TEMPORARY SEDIMENTATION BASIN OR CONSTRUCTED STORM WATER MANAGEMENT AREA. 7. SWEEP PAVED PARKING LOTS AND DRIVES REGULARLY TO MINIMIZE SEDIMENT ACCUMULATION.

#### GOOD HOUSEKEEPING PRACTICES

THE CONTRACTOR SHALL EMPLOY MEASURES AND PRACTICES TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS TO STORM WATER RUNOFF. THE CONTRACTOR SHALL USE CARE IN THE HANDLING, USE AND DISPOSAL OF MATERIALS SUCH AS PETROLEUM PRODUCTS, FERTILIZERS AND PAINTS TO ENSURE THAT THE RISK ASSOCIATED WITH THE USE OF THESE PRODUCTS IS MINIMIZED. THE FOLLOWING PRACTICES SHALL BE FOLLOWED DURING THE CONSTRUCTION OF THIS

1. AN FFFORT SHALL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED FOR THIS SPECIFIC SITE. 2. ALL MATERIALS STORED ON SITE SHALL BE STORED IN A NEAT. ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER SUITABLE ENCLOSURE. 3. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THEIR ORIGINAL LABELS. 4. WHENEVER POSSIBLE, ALL OF THE PRODUCT SHALL BE USED BEFORE DISPOSING OF THE CONTAINER. 5. THE MANUFACTURERS RECOMMENDATIONS SHALL BE FOLLOWED IN REGARD TO THE PROPER USE AND DISPOSAL OF ALL PRODUCTS 6. THE CONTRACTOR SHALL INSPECT DAILY TO ENSURE THE PROPER USE AND DISPOSAL OF ALL

## SPILL PREVENTION AND CLEANUP PRACTICES

MATERIALS ON SITE.

THE CONTRACTOR/OPERATOR SHALL BE RESPONSIBLE FOR THE SAFE HANDLING, USE AND DISPOSAL PROGRAM OF ALL HAZARDOUS MATERIALS FOR THE DURATION OF THIS PROJECT AND SHALL HAVE A SPECIFIC SPILL PREVENTION AND CLEANUP PROTOCOL FOR ALL HAZARDOUS MATERIALS, INCLUDING,

1. MANUFACTURERS RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THESE PROCEDURES AND THE LOCATION OF THE CLEANUP 2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL

STORAGE AREA ON SITE. EQUIPMENT AND MATERIAL WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC/METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE 3. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. 5. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. 6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING, AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A

4. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE

DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

EROSION CONTROL DETAIL SHEET - TAX MAP 128/LOT 10

## 299 WEBSTER STREET HUDSON, NEW HAMPSHIRE

PREPARED FOR: M.R. LACASSE HOMES, LLC 9 SCENIC LANE HUDSON, NH 03051

SCALE: NONE

DATE: JULY 13, 2021



ENGINEERING Maynard & Paquette Engineering Associates, LLC Consulting Engineers and Land Surveyors 31 Quincy Street, Nashua, N.H. 03060 Phone: (603)883-8433 Fax: (603)883-7227

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