THE FOLLOWING PLAN FOR CONTROLLING SEDIMENTATION AND EROSICN FROM THIS PROJECT IS BASED UPON SOUND CONSERVATION PRACTICES, AND ADHESES TO THE STANDARDS CETALED IN THE MAINE EROSION AND SEDIMENTATION ORDITOL HAVIDEOUN FOR CONSTRUCTIONS BEST MANAGEMENT PRACTICES BY THE COMPRESSION FOR CONSTRUCTIONS REST MANAGEMENT PRACTICES BY THE COMPRESSION OF THE CONSERVATION DISTRICT AND THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION DATED MARCH 2003. THE CONTRACTOR SHALL MAKE HINSELF FAMILIAR WITH THE AFOREMENTIONED PUBLICATION AND COMPLY WITH THE FRACTICES

THIS REPORT ADDRESSES THE EROSION CONTROL MEASURES TO BE APPLIED TO THE PROPOSED SITE WORK FOR THE PROJECT REFERENCE IS MADE TO THE EROSION CONTROL EXHBITS, SHOWING THE LOCATIONS OF PROPOSED MEASURES INCLUDED IN THIS REPORT.

GENERAL EROSION AND SEDIMENTATION CONTROL PRACTICES

- ERDSION/SECIMENT CONTROL DEVICES
- THE FOLLOWING EROSION SEDIMENTATION CONTROL DEVICES ARE PROPOSED FOR CONSTRUCTION ON THIS PROJECT. INSTALL THESE DEVICES AS INDIGATED ON THE PLANS,
- I.1. SLIT FENDE: SILT FENDE WILL BE INSTALED, ALDIG THE DOWNGRADIENT EDGES OF DISTURBED AGES TO TRAP RUNDIFF BORNE SCHIMENTS UNIT THE SITE SCHIMENTS UN AFESS WHESTE STORMANT DISCHARGES THE SLIT FENDE WILL BE ROMFORCED WITH HAY BALES TO HELP MAINTAIN THE INTEGRITY OF THE SILT FENCE AND TO PROVIDE ADDITIONAL TREATAGNIT.
- 1.2 HAY BALES: PLACE IN DRAINAGE SWALES AND PATHS TO TRAP SEDIMENTS AND REDUCE RUNOFF VELOCITIES.
- 1.3 RIPRAP: PROVIDE RIPRAP IN AREAS WHERE SLOPES ARE STEEPER THAN 2:1 AND AS SHOWN ON THE PLANS.
- 1.4. LOAM, SEED, & MULCH: ALL DISTURBED AREAS, WHICH ARE NOT OTHERMISE TREATED, SHALL RECEVE PERMANENT SEEDING AND MULCH TO STABILIZE THE DISTURBED AREAS WITHIN S DAYS OF FINAL GADING, SEEDING REQUIREDMENTS ARE PROVIDED AT THE END OF THIS SPECIFICATION.
- 1.5 JUTE MESH: STRAM AND HAY MULCH; USED TO COVER GENUDED AREAS UNTIL PERMANENT SEED OR EROSION CONTROL MEASURES ARE IN PLACE, MULCH CAN BE USED ON SLOPES LESS THAN 3:1. USE JUTE MESH ON SLOPES IN DOCSSS OF 3:1.
- 1.6 INLET PROTECTION: STRAW BALE DROP INLET STRUCTURE
- 1.8.1 BALES SMALL BE EITHER WIRE-BOUND OR STRING TIED WITH THE BINDINGS GRIENTATED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
- 1.8.2 BALES SHALL, BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOOETHER.
- 1.8.3 THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED ASOUND THE INLET THE WOTH OF A BALE TO A MINIMUM DEFITH OF A HOMES. AFTER THE BALES ARE STAKED, THE EXCAVATES SOIL SHALL BE BACKFILLED AND COMPACTED MAINST THE FILTER BARRIER.
- 1.8.4 EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
- 1.7 MAINTENANCE
- 1.7.1 THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SECONDARY OFFICE WHICH SHAPE AND ANY OFFICE WHICH SECONDARY OF SHAPE AS COME ON AN AREA STABILIZED WHITH ACORECATE WHICH DRAWS INTO AN APPROVED SEGMENT TRAPPING DEVICE, ALL SEDIMENT SHALL BE PREVENTED FROM ENTERNIN STORM DRAWS, DICKES, OR WATERWAYS.
- 2. TEMPORARY EROSION/SEDIMENTATION CONTROL MEASURES
- PROVIDE THE FOLLOWING TEMPORARY EROSION/SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION OF THE DEVELOPMENT:
- 2.1 STABILIZED CONSTRUCTION ENTRANCE SHALL, BE INSTALLED PRIOR TO ANY HAUL TO OR FROM THE SITE.
- 2.2 SILTATION FÉNCÉ ALONG THÉ DOWNGRADIENT SIDE OF THE FARKING AREAS AND OF ALL RLL SECTIONS. THE SILTATION FENCE WILL REMAIN IN PLACE UNTIL THE SITE IS REVOCETATED.
- 2.3 HAY BALES AT KEY LOCATIONS TO SUPPLEMENT THE SILT FENCE. 2.4 PROTECT TEMPORARY STOCKPILES OF STUMPS, GRUBBINGS, OR COMMON EXCAVATION AS FOLLOWS:
- A. SOIL STOCKPILE SIDE SLOPES SHALL NOT EXCEED 2:1.
- B. AVOID PLACING TEMPORARY STOCKPILES IN AREAS WITH SLOPES OVER 10 PERCENT, OR NEAR DRAINAGE SWALES.
- C. STABILIZE STOCKPILES WITHIN 15 DAYS BY TEMPORABILY SEEDING WITH A HYDROSEED METHOD CONTAINING AN EMIRSIPED MUTCH TACKIFIER OR BY COVERING THE STOCKPILE WITH MULCH.
- 2.5 ALL DENUDED AREAS WHICH HAVE BEEN ROUGH GRADED AND ARE NOT LOCATED WITHIN THE BUILDING PAD, OR PARKING AND DRIVENMY SUBBASE AREA SHALL REGIVE MULICH MISHIN 30 DAYS OF INTILN DESTURBANCE OF SOIL OR WITHIN 16 DAYS AFTER COMPLETING THE ROUGH GRADNIC PEPERATIONS, IN THE EVENT THE CONTRATOR SOMPLETES FIRM. GRADNIC AND INSTALLATION OF LIJAM AND SOD WITHIN THE TIME PERADOS PRESENTED ABOVE, INSTALLATION OF MULCH AND NETTING, WHERE APPLICABLE IS NOT REQUIRED.
- 2.6 IF WORK IS CONDUCTED SETWEEN OCTOBER 15 AND APPIL 15, ALL DENUDED AREAS ARE TO BE COMERCO WITH HAY MULCH, APPILED AT WITH EVEN NORMAL APPILED AT WITH A PRICATION FACE, AND AUSCHORE WITH PARRIC NETTING. THE PERIOD BETWEEN HALL GRADING AND MULCHING SHALL BE REDUCED TO A 15 DAY MASSUM.
- 2.7 TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE HAS BEEN STABILIZED OR IN ASEAS WHERE PERMANENT EROSICAL CONTROL MEASURES HAVE BEEN INSTALLED.
- 3. PERMANENT EROSION CONTROL MEASURES
- THE FOLLOWING PERMANENT CONTROL MEASURES ARE REQUIRED BY THIS EROSION/SEDIMENTATION CONTROL PLAN:
- 3.2 ALL AREAS DISTURBED DURING CONSTRUCTION, BUT NOT SUBJECT TO OTHER RESTORATION (PAVING, RIPAP), ETC.), WILL BE LOAMED, LIMED, FERTILLED AND SOLDED, NATIVE TOPSOIL SHALL BE STOCKPILED AND REUSED FOR FINAL RESTORATION WHEN IT IS OF SUFFICIENT QUALITY.
- 3.3 SLOPES GREATER THAN 2:1 WILL BE TREATED WITH RIPRAP.
 THE FOLLOWING GENERAL PRACTICES WILL BE USED TO PREVENT EROSION
- DURING CONSTRUCTION OF THIS PROJECT.
- 4.1 ONLY THOSE AREAS UNDER ACTIVE CONSTRUCTION, WILL BE CLEARED AND LEFT IN AN UNTREATED OR UNIVESTRATED CONDITION, IF RINAL GRADING, LOAMING AND SEEZING WILL NOT OCCUR WITHIN 15 DAYS. SEE STEM NO. 4.4
- 4.2 PRIOR TO THE START OF CONSTRUCTION IN A SPECIFIC AREA, SILT FENOING AND/OR HAY BALES WILL BE INSTALLED AT THE TOE OF SLOPE MID IN AREA, SA LOCATE ON THE FLANS TO PROTECT AGAINST ANY CONSTRUCTION RELATED EROSION, MAREDIATELY FOLLOWING CONSTRUCTION OF CLUZPRTS AND SWALES, RET RAY APPONDS SHALL BE INSTALLED, AS SHOWN ON THE PLANS.

- 4.3 TOPSOIL WILL BE STOCKPILED WHEN NECSSSARY IN AREAS WHICH KAVE MINDIUM POTENTIAL FOR EROSION AND WILL BE KEPT AS FAR AS POSSIBLE FROM THE EXISTING DRAINAGE COURSE. ALL STOCKPILES EXPECTED TO REMAIN LONGER THAN 15 DAYS SHALL SE
- B. SEEDED WITH CONSERVATION MIX AND MULCHED IMMEDIATELY. STOCKPILES EXPECTED TO REMAIN LONGER THAN 7 DAYS SHALL BE EXCIRCLED WITH HAY BALES OR SILT FENCE AT THE TOE OF THE FILE.
- 4.4 ALL DISTURBED AREAS EXPECTED TO REMAIN LONGER THAN 7 DAYS SHALL BE SITHER:
- A. TREATED WITH ANCHORED MULCH IMMEDIATELY, OR
- B. SEEDED WITH CONSERVATION MIX OF ANNIAL BYE GRASS (0.8 LBS/1000 SO. FT) AND MULCHED IMMEDIATELY.
- 4.5 ALL GRADING WILL BE HELD TO A MAXIMUM 2: SLOPE WHERE PRACTICAL, ALL SLOPES WILL BE STABILIZED WITH FERMANEUT SEEDING, OR WITH STONE, WITHIN 5 DAYS AFTER FINAL GRADING IS COMPLETE, (SEE POST-CONSTRUCTION REVERSEATION FOR SEEDING SPECIFICATION.)
- 4.6 CONSTRUCTION TRAFFIX WILL BE DIRECTED OVER THE PROPOSED ROADWAY SYSTBM. ANY AREAS SUBJECT TO SUTTING WILL BE STABILIZED IMMEDIATELY. THE STITPANCE WILL BE SWEPT WEEKLY, SHOULD MUD BE TRACKED ONTO IT.
- 5. POST-CONSTRUCTION REVEGETATION
- THE FOLLOWING GENERAL PRACTICES WILL BE USED TO PREVENT EROSION AS SOON AS AN AREA IS READY TO UNDERGO FINAL GRADING.
- 5.1 A MINIMUM OF 4° OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND GRADED 70 A UNIFORM DEPTH AND NATURAL APPEARANCE, OR STONE WILL BE PLACED ON SLOPES TO STABILIZE SURFACES.
- SWALES MENTUCKY BLUECRASS 0.48 LBS/1000 SF. CREEPING RED FESCUE 0.48 LBS/1000 SF. RED TOP 0.03 LBS/1000 SF. TALL PEREINNAL RYECRASS 0.11 LB/1000 SF. FESCUE 0.48 LBS/1000 SF. TALL
- 5.3 AN ARSA SHALL BE MULCHED INMEDIATELY AFTER IT HAS BEEN SEEDED. MULCHING SHALL CONSETS OF HAY MULCH, HYDRO- WALCH OR ANY SURABLE SUBSTITUTE DEEVED ACCEPTABLE BY THE DESIGNER.
- A. HAY MULCH SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. HAY MULCH SHALL BE SECURED BY EITHER:
 -). Being driven over by tracked construction equipment on grades of 5% and less.
- 3. BLANKETED BY TACKED PHOTODEGRADABLE/BICDEGRADABLE NEITING, OR WITH SPRAY, ON GRADES GREATER THAN 5%.
- B. HYDRO-MULCH SHALL CONSIST OF A MIXTURE OF BITHER WOOD FIBER OR PAPER FIBER AND WATER SPRAYED CVER A SEEDED AREA HYDRO-MULCH SHALL NOT BE USED BETWEEN 9/15 AND 4/15. 5.5 CONSTRUCTION SHALL BE PLANNED TO ELIMINATE THE NEED FOR SETVING BETWEEN SEPTEMBER 1.5 AND APRIL 15, SKOLZ.D SEEDING BE NECESSARY BETWEEN SEPTEMBER 15 AND APRIL 15, THE FOLLOWED.
 - A. ONLY UNFROZEN LOAM SHALL BE USED.
 - B. LOAMING, SEEDING AND MULCHING WILL NOT BE DONE OVER SNOW OR ICE COVER. IF SNOW EXISTS, IT MUST BE REMOVED PRIOR TO PLACEMENT OF SEED.

 - D. WHERE TEMPORARY SEEDING IS REQUIRED, ANNUAL WINTER RYE (2.6 LBS/1000 SQ. FT.) SHALL BE SOWN INSTEAD OF THE PREVIOUSLY NOTED SEEDING RATE.
 - E. FERTILIZING, SEEDING AND MULCHING SMALL BE DONE ON LOAM THE DAY THE LOAM IS TRACKING BY MACHINERY ALONE WILL NOT SHEEZE
- 5.6 FOLLOWING FINAL SEEXING, THE SITE WILL BE INSPECTED EVERY 30 DAYS UNTIL BOX GOVER PAS BEEN ESTABLISHED. RESECONG WILL BE CARRIED DUT BY THE CONTRACTOR WHICH TO DAYS OF NOTIFICATION BY THE ÉNSINEER THAT THE EXISTING GATCH IS INADEQUATE.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MONITORING, MAINTAINING, REPAIRING, REPLACING AND REMOVING ALL OF THE ENGINE AND SEDIMENTATION CONTROLS OR APPOINTING A QUALIFIED SUBCONTRACTOR TO DO SO. MAINTENANCE MEASURES WILL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. AFTER EACH RAINFALL, A MISUAL MISPECTION WILL BE WADE OF ALL EROSION AND SEDIMENTATION CONTROLS AS FOLLOWS:
- 6.1 HAY BALE BARRIERS AND SILT FENCE SHALL BE INSPECTED AND REPAIRED ONCE A WEEK OR LAMEDIATELY FOLLOWING MY SIGNIFICANT RANDRALL SEDIMENT TRAPPED BOILING THESE BARRIERS SHALL BE EXCAMATE WHEN IT REACHES A DESTI OF 8° AND REDSSTRIBUTED TO AFEAS UNDERSCRING FINAL GRADING, SHOULD THE HAY BALE SHARRIERS PROVE TO BE INCTFECTIVE, THE CONTRACTOR SHALL INSTRUL SILT FENCE BERNOT THE HAY BALES.
- 8.2 MSUALLY INSPECT RIP RAP DIKES A WEEK OR AFTER EACH SIGNIFICANT RUNFALL AND REPARK AS REPEDD. REMOVE SEDIMENT TRAPPED BEHIND THESE DEXICES DRICKE IT ATTAINS A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE DAM OR RISER, DISTRIBUTE REMOVED SEDIMENT OFF—SITE OR TO AN AREA UNDERSORING FINAL GRADING.
- 6.3 FEVEGETATION OF OSSTURBED AREAS WITHIN 25' OF DRAINAGE— COURSE/STREAM WILL BE SEEDED WITH THE "MEADOW AREA MIX" AND INSPECTED ON A WEEZLY BASIS OR AFTER EACH SIGNIFICANT RAINFAL AND RESEDED AS NEEDED EXPOSED AREAS WILL BE RESEDED AS NEEDED UNTIL THE AREA HAS OFFINIED JOING ROWTH FALL PROVIDE PERMANENT RIPRAP FOR SLOPES IN EXCESS OF 3:1 AND WITHIN 25' OR DRAINAGE COARSE.
- AN AREA S CONSIDERED STABLE IF IT S PAVED, CRAVEL, OR IF BOX GROWTH OF PLANTED SEEDS IS ESTABLISHED. ONCE AN AREA IS CONSIDERED STABLE, THE EROSION CONTROL MEASURES CAN BE REMOVED AS FOLLOWS; 7.1 HAY BALES AND SILT FENCE THE HAY BALES AND SILT FENCE SHALL BE DISPOSED OF LEGALLY AND PROPERLY OFF-SITE. ALL SEDIMENT TRAPPED BEHIND THESE CONTROLS SHALL BE:
 - A. DISTRIBUTED TO AN AREA UNDERGOING FINAL GRADING B. GRADED IN AN AESTHÉTIC MANNER TO CONFORM TO THE TOPOGRAPHY, FERTILIZED, SÉEDÉD AND MULCHÉO IN ACCORDANCE WITH THE RATES PREVIOUSLY STATED.
- 7.2 MISGELLANEOUS: CHOE ALL THE TRAPPED SEDMENTS HAVE BEEN REMOVED FROM THE TEMPORARY SEDMENTATION DEVICES, THE DISTURBED AREAS MUST BE REGRANDED IN AN ASSISTENCY MANIER TO CONFORM TO THE SURGULADING TOPODRAPHY, CHOES GRANDED, PRESS DISTURBED AREAS MUST BE LOAMED, (F. RECESSARY) FERTILIZED, SEEDED AND MULCHED HI ACCORDANCE WITH THE ARIES PREVIOUSLY STATED.

8. WINTER CONSTRUCTION

- 8.1 IMINTER CONSTRUCTION: CONSTRUCTION PERFORMED ANY TIME BETWEEN NOVEMBER 1 AND APRIL 15 OF ANY YEAR SHALL BE CONSIDERED "MINTER CONSTRUCTION," AND SHALL CONFORM TO THE FOLLOWING CRITERIA.
- 8.2 MAXIMUM AREAS WITHOUT STABILIZATION: WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT NO MORE THAN 1 ACRE OF THE SIZE IS WITHOUT STABILIZATION AT ANY ONE THISE. EXPOSED AREAS SHALL BE LIMITED TO THE AREA THAT CAN BE MUILCHED IN ONE DAY, PRIOR TO ANY SHOW EVENT. CONTRIBUTION OF EARTHWORK OFFERTION ON ADDITIONAL APEAS SHALL NOT BEZRY UNTIL THE EXPOSED SOLL SUPEXICE ON THE AREA SHOW OWNERS HAS BEEN STRAILZED WITH EXPOSENCY CONTRIBL. PROTECTION.

9. STABILIZATION

9.1 AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SUBFACES HAVE BEEN BTHER MULCHED WITH STRAW OR HAY AT A RATE OF 100 LB PER 1,000 SF. (WITH OR WITHOUT SEEDING). OR DORSMONT SEEDING, WITHOUT SEEDING). OR DORSMONT SEEDING, WITHOUT SEEDING, OR DORSMONT SEEDING, WITHOUT SHALL PROPERLY AN APPROVED ANCHORING TECHNIQUE, IN ALL CASES, MULCH SHALL BE APPLIED SUCH THAT THE SO'L SURFACE IS NOT WISBLE THROUGH THE MULCH.

- SURFACE IS NOT VISIBLE THROUGH THE NUICH.

 9.2 LOAN OR SEED MILL NOT BE REQUISED BETWEEN THE DATES OF OCTOBER 15. AND APRIL 25. DURING PERIODS WITH IMPRIRATURES ARE ABOVE FREEZING, EXPOSED SLOPES SHALL BE FINE—CRADED AND PROTECTED WITH NUICH, OR TEMPORARILY SEEDED AND MUCHED UNITS. SUCH TIME AS THE PHAL GRACED PARCH SAY ESEED AND APPLIED AT A STEED AT A PAST OF 2002 TO 5002 MILLIAND THAN THE APPLIED AT A PAST OF 2002 TO 5002 MILLIAND THAN THE APPLIED DATES AND FREEZING TEMPERATURES, ALL DOPOSED APPLIED SHALL BE PROTECTED TEMPORARRY FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL BE PROTECTED TEMPORARRY FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL BE PROTECTED TEMPORARRY FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL BE THE APPLICATION OF MULCH. SLOPES SHALL BE THE APPLICATION OF MULCH. SLOPES SHALL BE THE APPLICATION ALLOW DITCHES OR ANY OTHER EXPENSED UNITED BY ANY OTHER EXPENSED UNITED BY THE APPLICATION OF MULCH. SLOPES SHALL BE THE APPLICATION ALLOW DITCHES ON STORE CHECK DAMS IN ACCORDING WITH THE SIMMAPLE DISTRIBUTION OF HAY PLASE OR STONE CHECK DAMS IN ACCORDING WITH THE SIMMAPLE DETAILS.
- 9.3 MULCH ANCHORING: MULCH ANCHORING SHALL BE INSTALLED ACCORDING TO THE FOLLOWING CRITERIA:
- A. BETWEEN NOVEMBER 1 AND APRIL 15, ALL MULCH SHALL BÉ ANCHGRÉD BY PEG. LINE, MULCH NETTING, ASPHALT EMULSION CHEMICAL, ÓR TRACK OR WOOD CELLULGSE FIBER.
- 9. MULCH NETTING SHALS BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH SLOPES GREATER THAN 3% FOR SLOPES EXPOSED TO DIRECT WINDS, AND FOR ALL OTHER SLOPES GREATER THAN 5%.
- C. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 5%.
- 9.4 DALY PROTECTION: DURING THE PERIOD OF OCTOBER 1 TO APRIL 15, ALL BARE AND EXPOSED EARTH SHALL BE TREATED WITH A DORMANT SEEDING. MULCHED AND ANCHORED AT THE END OF EACH WORKING DAY.
- 9.5 SHOW REMOVAL: SNOW SHALL BE REMOVED PRIOR TO THE APPLICATION OF SEED AND MULCH.
- 10.1 LIMIT OF CONSTRUCTION: THE LMIT OF CONSTRUCTION FOR THE SITE SHALL. BE AS INDICATED ON THE PLANS. NO DESTURBANCE OF SCLIS, VEGETATION, OR WETLANDS WILL BE PERMITTED BEYOND THE LIMIT OF DISTURBANCE, EXCEPT IN THE AREAS OF STORMWATER DITCHES, CULLMENTS, AND DISCHARGE ARRONS.
- 10.2 CONSTRUCTION STAGING AREAS: THE CONSTRUCTION AND STAGING AREAS FOR THE SITE SHALL BE LOCATED IN WITHIN THE LIMIT OF DUSTURENNEE SILT PERIORIS AND AREAS FLORED ALL AROUND THE PERMINETER OF THE
- 10.3 SCHEDIAE: THE ANTICIPATED CONSTRUCTION SCHEDULE IS DURING THE YEAR OF 2014, AND WILL BEEN WITH THE HISTMLATION OF ERGISION CONTROL STIETMS TO PROTECT DRAIMAGE WAYS AND APEAS CUTISIOE THE CONSTRUCTION LIMITS. SILT FENCING AND DITCH PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ART SOIL DISTURBEANCE IN THE CONTRIBUTING DRAIMAGE AREA. SOIL DISTURBEANCE IN THE CONTRIBUTING PRIOR TO AREA SOIL DISTURBEANCE IN PRICK TO APPRIAD THE STALLED TO STUDIES ARE IN FLACE, AND PRICK TO SHAMEACHING SOIL DISTURBEANCE ACTIVITIES, THE CONSTRUCTION RADS SHALL BE INSTALLED. IT IS INPERATURE THAT DISTURBEANCES TO VEDERATION BE LIMITED ONLY TO THOSE AREAS, WHICH ARE NECESSARY TO ACCOMPLISH THE WORK.
- THE ATTEMPT AND MERY FINE SANDY LOADER THAT WILL BE EXPOSED DURING STE PREPARATION MAY BE SUSCEPTIBLE TO EROSION, AND CAN UNDERGO STRENGTH. LOSS WHEN SUSCEPTIBLE TO EROSION, AND CAN UNDERGO STRENGTH. LOSS WHEN SUSIGERED TO CONSTRUCTION DEPAPER. AND EXCAMPTION ADDRESS. PARTICULARLY DURING FERIODS OF PRESIDENTIATION AND HIGH GROUND WATER LEVELS. THESEFORCE, CARE WILL BE EXPENSED DURING CONSTRUCTION TO MINIMIZE DISTURBANCE OF THE BEARNING SOILS. ALL TORSOIL, DREAMER AND LOOSE SUBFRACE SOIL WILL BE STRIPPED AND STOKED FOR FRUSE LITER. SHOULD THE SUBGRADE BECOME SOFT OF DIFFICULT TO WORK AND/OR WHEREVER SUBSURFACE DRAINED AND STANDED FOR SUBSURFACE DISTURDANCE OF SUBSURFACE BUSINESS WITH SUBGRADE WILL BE OVER EXCAVATED AS RECUIRED, AND BACKFLIED WITH GRAHULAR FILL OR CRUSHED STOKE.

- THESE PERFORMANCE STANDARDS APPLY TO ALL PROJECTS EXCEPT FOR STORMWATER PER PROJECTS.
- 1.1. SPILL PROTECTION. CONTRELS MUST BE USED TO PROPERT POLLEPARTS FROM CONSTRUCTION AND WASTE MATERIALS STORED ON SITE TO ENTER STORMANTER, WHICH INCLUDES STORIGE PRACTICES TO MINUTZE EXOSURE OF THE MATERIALS TO STORMANTER. THE SITE CONTRACTOR OF OPERATOR MUST DEPLED, AND IMPLEMENT AS NECESSARY, APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING MESSURES.
- MEASURES.

 11.2 GROUNDWATER PROTECTION. DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDUS MATERIALS WITH THE POTENTIAL TO CONTAINING GROUNDWATER MAY NOT BE STORED OR HAVILLED IN MAYER OF THE SITE DRIVINING TO AN INILITRATION AREA. AN "INFLITRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOURS. TOPOGRAPHY AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFLITRATES INTO THE SOIL DIKES, BERMS, SUMPS, AND DITIER FORMS OF SECONDARY CONTINUARIEST THAT PREVENT INSICHARES TO REQUINIONARE MAY BE USED TO ISSAURE FORGIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THE SITE FOR THE PURPOSES OF TH
- CURSIONERY FLOURING AND DESIGNALIZATION.

 11.3. FURITHE SEDIMENT AND DUST. ACTIONS MUST BE TAKEN TO ENSURE THAT ACTINITIES DO NOT RESULT IN MEDICIBALE ADDISHO OF SOULS OF FURITHE DUST CONTROL BUSINGS OF SOULS OF SOURCE OF SOURCE CONTROL ON MAY NOT BE UPED FOR DUST CONTROL, BUT OTHER WATER ADDITIES MAY BE CONSIDERED AS MEEDED. A STABILIZED CONSTRUCTION ONLYMINES, GECC. SHOULD BE INCLUDED TO ANHIMIZE TRACKING OF MUD AND SEDIMENT, IF OFF-SITE TRACKING DOCURS, PUBUL BOODS SHOULD BE SWEPT MADERIAL OF MUD AND SEDIMENT, IF OFF-SITE TRACKING DOCURS, PUBUL BOODS SHOULD BE SWEPT WHEN NO HE SET HAD NOTE AS WEST AND PRIOR OF SUBPLICANT STORM EVENTS, OFFERTIONS DUBNIC BRY MONTHS, THAT EXPERIENCE FUCTIVE DUST PROBLEMS, SHOULD BET DOWN LUMBANCE ADDESS FOOGS ONCE A WEST OR MORE FREQUENTLY AS NEEDED WITH A WATER ADDITIME TO SUPPRESS FUCILITY SEDMENT AND DUST.
- 11.4 DEBRIS AND OTHER NATERIALS. MINIMIZE THE EXPOSURE OF CONSTRUCTION DEBRIS, BUILDING AND LANDSCAPING MATERIALS, TRASH, FERTILIZERS, PESTICIDES, REXRIGIODES, DETERGENTS, SANTIARY WASTE AND OTHER MATERIALS TO PREOPITATION AND STORMWATER RUNGET, THESE MATERIALS MUST BE PREVENTED FROM BECOMING A POLLUTIVIT STURCE.
- 11.5 EVATION DE-MATERING. MAST DE PREVENIED PHOM BECOMING A POLLUTIANT SOURCE.

 11.5 EVATION DE-MATERING. EXCANATION DE-MATERING IS THE REMOVAL OF MATER.

 FROM TRENCHES, FOUNDATIONS, OOFERS DANS, PONDS, AND OTHER AREAS WITHIN THE

 CONSTRUCTION AREA THAT RETAIN WARRE AFTER EVALATION. IN MOST CASES THE

 COLLECTED WARRE IS HEAVILL SILED AND HINDERS CORRECT AND SAFE DEMISTRACION

 CRAFTY OF PUMPHING, BLIED IS, SEPREMO THEOLOGY AND MATERIAL PROPERTY.

 CRAFTY OF PUMPHING, BLIED IS, SEPREMO THEOLOGY ANTURAL WOOKED BUFFETS OF

 PROMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MANIHUM AMOUNT

 OF SEDIMENT POSSIBLE, LIKE A COFFERDAM SEDIMENTATION BASIN. AND ALLOWING THE

 MATER TO TO, MOY OVER DISTURBED AREAS OF THE SITE. EQUIVALENT MEASURES MAY BE

 TAKEN IF APPROVED BY THE DEPARTMENT.

11.6 AUTHORIZED NON-STORMWATER DISCHARGES. IDENTIFY AND PREVENT CONTAMARTIN BY NON-STORMWATER DISCHARGES, WARRE ALDWED NON-STORMWATER DISCHARGES, WARRE ALDWED NON-STORMWATER DISCHARGES SHOULD BE TAKEN TO ENSURE THE IMPLIBACIATION OF APPROPRIATE POLUMION PREVENTION MEASURES FOR THE NON-STORMWATER CONFORMANCES ARE:

- (A) DISCHARGES FROM FIREFIGHTING ACTIVITY;

 (B) FIRE HYDRAIT FUUSHINGS;

 (C) VEHICLE WASHWATER IN DOTERGENTS ARE NOT LISED AND WASHING IS LIMITED

 TO THE EXTERIOR OF VEHICLES (ENEME, UNDERCARRIAGE AND TRANSMISSION WASHING AS POPULIFIED.)
- (D) DUST CONTROL RUNGFF IN ACCORDANCE WITH PERMIT CONDITIONS AND APPENDIX (C)(3);
- (E) ROUTINE EXTERNAL, BUILDING WASHDOWN, NOT INCLUDING SURFACE PAINT REACHAL. THAT DOES NOT INVOLVE DETERGENTS:
- REMOVAL, THAT DOES NOT INVOLVE DEFERENTS;

 (F) PAVEMENT WASHAMER (WHERE SPILLALEMS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED, UNLESS ALL SPILLED MATERIAL HAD BEEN REMOVED) IF DETERORATIS ARE NOT USED;

 (G) UNCONTRAINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE;

 (I) UNCONTRAINATED REMOVINOWATER OR SEPINS WATER;

 (O) FOUNDATION OR FOOTER DRAIN—WATER WHERE FLOWS ARE NOT CONTRAINANTED;

 (J) UNCONTRAINATED DECRAYATION DEWATERING (SEE REQUIREMENTS IN APPENDIX CS15):

- (a) UNLUSTRANIPATED DECAYASING DEMATERING (SEE REGIOTERMANS IN C(5));
 (X) POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS; AND LINDSCAPE IRRIGATION.
- 11.7 UNAJTHORIZED NON-STORMANTER DISCHARGES. THE DEPARTMENT'S APPROVAL UNDER THIS CHAPTED DOES NOT JUSTICHERE THE TEST IS MECEL WITH A SQUIRE OF KNON-STORMANTER, OTHER THAN THOSE DISCHARGES IN COMMUNACE WITH APPENDIX C (6). SPECIFICALLY, THE DEPARTMENT'S APPROVAL DOES NOT AUTHORIZE (SOCIATIONS OF THE FELLOWING).
- (A) WASTEWAYER FROM THE WASHDUT OR CLEANOUT OF CONCRETE, STUCCO, PAIRT, STORM RELIASE OILS, CURING COMPOUNDS OR OTHER CONSTRUCTION MATERIALS;

 (B) FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;
- (C) SOMPS, SOLVENTS, OR DETERGENTS USED IN VEHICLE AND EQUIPMENT
- 11.5 ADDITIONAL REQUIREMENTS. ADDITIONAL REQUIREMENTS MÁY BÉ APPLIED ON A SITE—SPECIFIC BASIS.

BASIC STANDARDS - ESOSION CONTROL MEASURES:

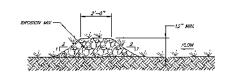
MINIMUM EROSION CONTROL MEASURES WILL NEED TO BE IMPLEMENTED AND THE APPLICANT WILL BE RESPONSIBLE TO MAINTAIN ALL COMPONENTS OF THE PROSECT CONTROL, PLAN UMEL THE STRUCTS THAT STABILIZED, MUMPERS, RASED ON SITE AND WEATHER CONDITIONS DURING CONSTRUCTION, ADDITIONAL BROSSON CONTROL MEASURES ANY NEED TO BE IMPREMENTED. ALL AREAS OF ENSTABLITY AND EROSION MUST BE REPARED IMMEDIATELY CHARGE CONSTRUCTION AND NEED TO BE MAINTAINED UNTIL THE STREET IS PULLY STABILIZED OR VOCATION IS SENSIBLISTED. AND CONSTRUCTION AND SEDIMENTATION CONSTRUCTION AND SEDIMENTATION CONTROL MIST EXPLORED AND MAINTENANCE.

ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL MEET MOOT ITEM 656.

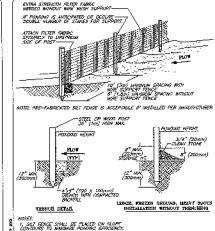
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COMPOSITION
ENGINEER MIX SHALL CONTAIN A VINEL-CHARLED MIX LINES OF FARTICLE SIDES AND MAY
CONTRAIN HOCKOLOS THAN 4" IN DIAMPTER, FROSION DONTERS MIX MUST BE FREE OF REFUSE,
PRIVACIAL CONTRAINANTS, AND MOTORAL TORUS TO PLANT SHOWNTH, THE MIX COMPOSITION SHALL
MICE THE FOLLOWING STANDAFESS.

- THE ORGANIC NATTER CONTENT SHALL BE RETIVEEN AS AND LODD, DRY WEIGHT SASS.
 PRACTICE SIZE BY WEIGHT SHALL BE TOO B PASSING A 6" SYZECH AND A VINIMUM OF 70 S. WASHAUA
 OF 76 SB, "ASSIST A AD35" SOPER.
 THE CREAMIC PERTON JABBOS TO BE PERFOUND AND LOUNGAPED.
 THE CREAMIC PERTON JABBOS TO BE PERFOUND AND LOUNGAPED.
 SOLUBLE SALTE COVERN SHALL BE «AUDIMONOSCY.
 THEP 1- SHOLD JALL STEMPHS SHALL BE «AUDIMONOSCY.
 THEP 1- SHOLD JALL STEMPHS SHAM AND AC.



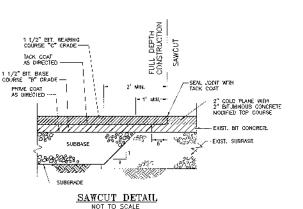
MULCH BERM



2. INSPECT AND REMAIR FENCE AFTER EACH STORE EVENT AND REMOVE SERVITATI WHEN NECESSARY. 2 (275mm) MANDROM RECORDINGED STORME HORSOT. I. REMOVED SERVICINT SHALL BY DEPOSITED TO AN APEA THAT WILL HOT CONTRIBUTE SCRUWNT OFF—SITE AND CAN BE PERMANENTLY STORM THE 4. DO NOT PLACE SET FENCE IN STREAMS OR CONCENTRATED FLOW CONDITIONS.

SILT FENCE

TRAFFIC SIGNS SIGN AREA SQ. FT, POST PER SIBN HEIGHT WOTH TEXT R7-8 1.5 1.5



1 F/2" BIT, WEARING COURSE "C" GRADE = (9.5 km accrecate)

1 1/2" BIT. BASE COURSE "B" GRADE — (12.5 MM AGGREGATE)

3° CRUSHED GRAVEL BASE COURSE —— (MDOT SPEC. 703.06 (A) TYPE A)

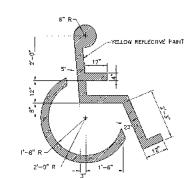
15" GRAVEL SUBBASE (MDOT SPEC 703.06 (B) TYPE D)

NOTE: PER MOOT ITEM 403

TYP. PAVEMENT SECTION

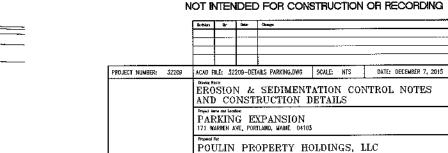
(FULL DEPTH CONSTRUCTION)

NOT TO SCALE



HANDICAPPED PAINTING

NOTE: PER MOOT ITEM 627 THIS PLAN IS FOR REVIEW PURPOSES ONLY AND IS







TURVEYING ENGINEERING LAND PLANNING Northeast Civil Solutions 381 PAYNE ROAD, SCARBOROUGH, MAINE 04074