AND SEDIMENTATION CONTROL <u>DETAILS</u>

TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES INCLUDE THE USE OF STABILIZED CONSTRUCTION ENTRANCE, SEDIMENT BARRIER, EROSION CONTROL MIX, STONE CHECK DAMS, HAY BALE BARRIERS, CATCH BASIN INLET BARRIERS, CATCH BASIN SEDIMENT COLLECTION BAGS, EROSION CONTROL BLANKET, AND TEMPORARY SEEDING AND MULCHING AS REQUIRED. PERMANENT DEVICES INCLUDE THE USE OF RIP RAP AT EXPOSED STORM DRAIN AND CULVERT INLETS AND OUTLETS, RIP RAPPED SLOPES, AND PERMANENT VEGETATION.

- IT IS ANTICIPATED THAT NECESSARY PERMITS. CONSTRUCTION BEGIN AS NOOS S POSSIBLE FOLLOWING
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL BMPS, PUBLISHED BY THE BUREAU OF LAND AND WATER QUALITY MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, LATEST EDITION.
- ANY ADDITIONAL EROSION AND SEDIMENTATION CONTROL DEEMED NECESSARY BY TREPRESENTATIVE, DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) PERSONNEL MUNICIPAL OFFICIALS SHALL BE INSTALLED BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR ALL FINES RESULTING FROM EROSION OR WITH SITE TO SURROUNDING PROPERTIES, WATER BODIES, OR WETLANDS AS PROJECT. THE OWNER'S EL AND/OR SEDIMENTATION

 A RESULT OF
- L BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT/MAINTENANCE OF ALL SURES UNTIL ALL DISTURBED AREAS ARE STABILIZED TO THE SATISFACTION INEL. DESCRIPTIONS OF ACCEPTABLE PERMANENT STABILIZATION FOR FOLLOWS:
- FOR SEEDED AREAS, PERMANENT STABILIZATION MEANS A 90% MATURE, HEALTHY PLANTS WITH NO EVIDENCE OF WASHING OR RESTORED , AREA WITH
- SOD FOR FOR MULCHED AREAS, PERMANENT MULCHING MEANS TAREA WITH AN APPROVED MULCH MATERIAL. EROSION MULCH FOR PERMANENT STABILIZATION ACCORDING TO AND LIMITATIONS. SODDED AREAS, PERMANENT STABILIZATION MEANS THE COMPLETE BINDING OF THE ROOTS INTO THE UNDERLYING SOIL WITH NO SLUMPING OF THE SOD OR DIE-OFF. TOTAL COVERAGE OF THE EXPOSED CONTROL MIX MAY BE USED AS THE APPROVED APPLICATION RATES
- FOR AREAS STABILIZED WITH RIPRAP, PERMANENT STABILIZATION MEANS THAT STABILIZED WITH RIPRAP HAVE AN APPROPRIATE BACKING OF A WELL-GRADED APPROVED GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIPRAP. MUST BE SIZED APPROPRIATELY.
- PAVED AREAS. FOR PAVED AREAS, PERMANENT STABILIZATION MEANS THE PLACEMENT OF THE COMPACTED GRAVEL SUBBASE IS COMPLETED.
- FOR OPEN CHANNELS, PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH MATURE VEGETATION AT LEAST THREE INCHES IN HEIGHT, WITH WELL-GRADED RIP RAP, OR WITH ANOTHER NON-EROSIVE LINING CAPABLE OF WITHSTANDING THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHOUT RELIANCE ON CHECK DAMS TO SLOW FLOW. THERE MUST BE NO EVIDENCE OF SLUMPING OF THE LINING, UNDERCUTTING OF THE BANKS, OR DOWN CUTTING OF THE CHANNEL. 12. 13.
- SEDIMENTATION CONTROL MEASURES
- PRIOR TO THE BEGINNING OF CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE AND TEMPORARY SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. IT IS THE INTENT THAT SEDIMENT BARRIERS BE INSTALLED DOWN GRADIENT OF ALL DISTURBED AREAS OF THE SITE. SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS WILL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE SEDIMENT BARRIERS. THIS SEDIMENT WILL BE SPREAD AND STABILIZED IN AREAS OF THE SITE NOT SUBJECT TO EROSION. SEDIMENT BARRIERS SHALL BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. IF THERE ARE SIGNS OF UNDERCUTTING AT THE CENTER OR THE EDGES, OR IMPOUNDING OF LARGE VOLUMES OF WATER BEHIND THEM, THEY WILL BE REPLACED WITH A TEMPORARY CRUSHED STONE CHECK DAM. <u>1</u>5.
- CATCH BASINS, NEW OR EXISTING, THAT MAY RECEIVE RUNOFF FROM PROTECTED DURING CONSTRUCTION. INSPECT & CLEAN OUT AS NECESSEDIMENT & REMOVE FLOATABLES WITH OIL ABSORBENT PADS AS APP ROM DISTURBED AREAS MUST CESSARY, LEGALLY DISPOSE APPLICABLE. DISTURBANCE WILL BE KEPT
- GRUBBINGS AND ANY UNUSABLE TOPSOIL SHALL BE STRIPPED AND REMOVED FROM THE PROJECT SITE AND DISPOSED OF IN AN APPROVED MANNER. REMOVAL OF SOD, TREES, BUSHES AND OTHER VEGETATION AND SOIL TO A MINIMUM WHILE ALLOWING PROPER SITE DEVELOPMENT.
- ANY SUITABLE TOPSOIL WILL BE STRIPPED AND STOCKPILED FOR REUSE IN FINAL GRADING. TOPSOIL WILL BE STOCKPILED IN A MANNER SUCH THAT NATURAL DRAINAGE IS NOT OBSTRUCTED AND NO OFF—SITE SEDIMENT DAMAGE WILL RESULT. IF A STOCKPILE IS NECESSARY, THE SIDE SLOPES OF THE TOPSOIL STOCKPILE WILL NOT EXCEED 2:1. TOPSOIL STOCKPILES WILL BE TEMPORARILY SEEDED WITH AROOSTOOK RYE, ANNUAL OR PERENNIAL RYE GRASS (DEPENDING ON DATE SEEDED) WITHIN 7 DAYS OF FORMATION, OR TEMPORARILY MULCHED IF SEEDING CANNOT BE DONE WITHIN THE RECOMMENDED SEEDING DATES.
- TEMPORARY DIVERSION BERMS AND DRAINAGE SWALES SHALL BE CONSTRUCTED AS NECESSARY.
- TEMPORARY STABILIZATION SHALL BE CONDUCTED WITHIN 7 DAYS OF INITIAL DISTURBANCE OF SOILS, PRIOR TO ANY RAIN EVENT, AND PRIOR TO ANY WORK SHUT DOWN LASTING MORE THAN ONE DAY. TEMPORARY STABILIZATION INCLUDES SEED, MULCH, OR OTHER NON-ERODABLE COVER. AREAS WITHIN 75 FEET OF WETLANDS SHALL BE TEMPORARILY STABILIZED WITHIN 48 HOURS OR PRIOR TO RAIN EVENT.
- AT A RATE OF SNOT AND AS
- TEMPORARY SEEDING SPECIFICATIONS. WHERE THE SEEDBED HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO A DEPTH OF 4 INCHES BEFORE APPLYING FERTILIZER, LIME, AND SEED. APPLY LIMESTONE AT A RATE OF 3 TONS PER ACRE (138 LB 1,000 SQUARE FEET) AND 10-10-10 (N-P205-K20) FERTILIZER AT A RATE OF 600 LBS. ACRE (13.8 LB. PER 1,000 SQUARE FEET). UNIFORMLY APPLY SEED AT THE RECOMMENDED SEEDING RATES AND DATES, APPLY HAY OR STRAW MULCH AT A RATE OF 2 TONS PER AND ANCHOR AS NECESSARY. BS. PER
- RECOMMENDED TEMPORARY SEEDING DATES AND DATES: APPLICATION RATES 8/15

RYE: RECOMMENDED SEEDING RATE: 112 LBS./ACRE

SEEDING

4/1

SEEDING DATES: 8/15 9/15

ANNUAL RYE APPLICATION PERENNIAL RYE GRASS: RECOMMENDED APPLICATION RATE: 40 LBS./ACRE S: RECOMMENDED 40 LBS./ACRE

IF THE FINAL OUSING V REMAIN UNWORKED FOR MORE THAN ONE YEAR OR HAS WILL NOT BE BUILT ON, THEN IMMEDIATELY PROVIDE PE THROUGH PLANTING, SEEDING, SOD, OR THROUGH THE L. IF USING VEGETATION FOR STABILIZATION, SELECT THE

<u>.</u>

Drawing Name: K: $\0$ Donovan $\$ Dwgs $\$ Details | Plot Date / Time: Feb. 19, 13 / 4:57 PM

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PORTLAND

- FOR THE LIGHT, MOISTURE, AND SOIL CONDITIONS. AMEND AREAS (TOP SOIL OR OTHER ORGANIC AMENDMENTS, PROTECT SEEDED ARE NECESSARY EROSION CONTROL BLANKETS, AND SCHEDULE SODDIN SO TO AVOID DIE-OFF FROM SUMMER DROUGHT AND FALL FROSTS SODDED AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC, EXCE AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL ESTAREWORKED AND RESTABILIZED IF GERMINATION IS SPARSE, PLANT (TOPSOIL EROSION IS EVIDENT.
- I. PERMANENT SEEDING SPECIFICATION. IF A LANDSCAPE PLAN HAS E PROJECT, SOIL PREPARATION AND SEEDING OF THAT PLAN SHALL! PERMANENT SEEDING SPECIFICATIONS. IT IS RECOMMENDED THAT PLAN COMPLETED BETWEEN APRIL 1 AND AUGUST 15 OF EACH YEAR. LA DONE BETWEEN AUGUST 15 AND SEPTEMBER 15. AREAS NOT SEEDING OBTAIN A SATISFACTORY GROWTH BY OCTOBER 1 SHALL BE SEEDE MULCHED AT RATES PREVIOUSLY SPECIFIED. SEE WINTER CONDITION STABILIZATION AFTER NOVEMBER 1. IAS BEEN PREPARED FOR THE
 IALL SUPERSEDE THESE GENERAL
 AT PERMANENT SEEDING BE
 R. LATE SEASON SEEDING MAY BE
 SEEDED OR WHICH DO NOT
 SEEDED WITH AROOSTOOK RYE OR
 DITIONS NOTES FOR SEEDING
- INCHES. MIX T
- APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TE APPLY GROUND LIMESTONE AT A RATE OF 3 TONS PER A SQUARE FEET) AND GRANULAR, COMMERCIAL-GRADE, 10-FERTILIZER AT A RATE OF 800 LBS. PER ACRE (18.4 LBS
- Ō ဂ UNIFORMLY APPLY SEED MIXTURE AT THE RECOMMENDED SEEDING RATES AND DATES, APPLY HAY OR STRAW MULCH AT A RATE OF 2 TONS PER ACRE, AND ANCHOR AS NECESSARY.
- FOR LAWN AREAS SHALL 유

10 10 10 10 5 % CREEPING RED FESCUE 5 % KENTUCKY BLUEGRASS 0 % PERENNIAL RYE GRASS

RATE PER 1000 SQ.FT. II 3.5 LBS. MIN.

ᇝᆴ E SEED MIXTURE I FOR WET AREAS SHALL CONSIST

80 % REED CANARY GRASS 20 % RED TOP

THE SEED MIXTURE FOR WET AREAS SHALL CONSIST AS FOLLOWS:

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- MULCH ALL AREAS SEEDED OF THE APPLICATION RATE. SO THAT SOIL IS NOT VISIBLE THROUGH THE MULCH REGARDLESS
- RIPRAP REQUIRED FIELD STONE OR STONES SHALL W SHALL EXCEED A ED AT CULVERTS AND STORM DRAIN R ROUGH UNHEWN QUARRY STONE OF WEIGH FROM 10 LBS. TO 200 LBS. A UNIT WEIGHT OF APPROXIMATELY 5 N INLETS OF APPRO AND 50% 50 LBS. D 50% LBS. ROXIM NO OF O OUTLETS SHALL CONSIST OF MATELY RECTANGULAR SHAPE.
 THE STONES BY VOLUME
- EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL PERMANENT SLOPES STEEPER THAN 3:1, IN THE BASE OF DITCHES NOT OTHERWISE PROTECTED, AND ANY DISTURBED AREAS WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE (E.G. WETLANDS AND WATER BODIES). EROSION CONTROL BLANKET SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- Ü 16. TEMPORARY CONTROL MEASURES, SUCH AS SILT FENCE, SHALL AFTER PERMANENT STABILIZATION IS ATTAINED.
- MINTER CONDITIONS
- :
- AREAS WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE DOUBLE ROW OF SEDIMENT BARRIERS. MUST BE PROTECTED WITH A

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SLOPES GREATER THAN 8% MIX IS BEING USED ON THESE

HOUSEKEEPING

- 5 ETROLEUM PRODUCTS AND OTHER E GROUNDWATER MAY NOT BE INFILTRATION AREA. AN SIGN OR AS A RESULT OF SOILS, RUNOFF THAT INFILTRATES INTO ONDARY CONTAINMENT THAT LATE PORTIONS OF THE SITE FOR LATE PORTIONS OF THE SITE FOR

- ANTING, AND SEEDING WLY SEEDED OR PEDESTRIAN TRAFFIC, ED. AREAS MUST BE AGE IS SPOTTY, OR
- APPLY TOPSOIL TO A MINIMUM DEPTH OF 6 MINIMUM DEPTH OF 2 INCHES. OPSOIL WITH THE SUBSOIL TO
- L TESTS. IN LIEU OF SOIL TESTS, ER ACRE (138 LB. PER 1,000 10-10-10 (N-P205-K20) LBS. PER 1,000 SQUARE FEET).
- SEEDS PROPORTIONED BY

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SEEDING RATE PER 1000 SQ.FT. 0.57 LBS. MIN.

- SEEDING RATE PER 1000 SQ.FT. II 0.60 LBS. <u>≅</u>
- DAMS, AND RIPRAP INLET AND OF COMPLETING THE GRADING OF UTLET PROTECTION SHALL BE THAT SECTION OF DITCH OR

- BE REMOVED WITHIN 30 DAYS

- HAY MULCH SHALL BE APPLIED AT THE END OF EACH CONSTRUCTION MUST BE STABILIZED. MULCH MAY TWICE THE STANDARD TEMPORARY STABILIZATION RATE. AT DAY, AREAS THAT HAVE BEEN BROUGHT TO FINAL GRADE NOT BE SPREAD ON TOP OF SNOW.
- AFTER NOVEMBER 1 OR THE FIRST KILLING FROST FOR THE REGION AND BEFORE SNOW FALL, ALL EXPOSED AND DISTURBED AREAS NOT TO UNDERGO FURTHER DISTURBANCE ARE TO HAVE DORMANT SEEDING. THE DORMANT SEEDING METHOD: PREPARE THE SEEDBED, LIME AND FERTILIZE, APPLY THE SELECTED PERMANENT SEED MIXTURE AT THREE TIMES THE REGULAR SEEDING RATE, AND MULCH AND ANCHOR. DORMANT SEEDINGS NEED TO BE ANCHORED EXTREMELY WELL ON SLOPES, DITCH BASES AND AREAS OF CONCENTRATED FLOWS. DORMANT SEEDING REQUIRES INSPECTION AND RESEEDING AS NEEDED IN THE SPRING. ALL AREAS WHERE COVER IS INADEQUATE MUST BE IMMEDIATELY RESEEDED AND MULCHED AS SOON AS POSSIBLE
- ALL VEGETATED DITCH LINES THAT HAVE NOT BEEN STABILIZED WORKED DURING THE WINTER CONSTRUCTION PERIOD, MUST BE APPROPRIATE STONE LINING BACKED BY AN APPROPRIATE GRAVUNLESS SPECIFICALLY RELEASED FROM THIS STANDARD BY THE ENVIRONMENTAL PROTECTION. D BY SEPTEMBER 1, OR WILL BE E STABILIZED WITH AN AVEL BED OR GEOTEXTILE IE MAINE DEPARTMENT OF
- MULCH NETTING MUST BE USED TO ANCHOR MULCH ON ALL UNLESS EROSION CONTROL BLANKETS OR EROSION CONTROL SLOPES.

- SPILL PREVENTION.CONTROLS MUST BE USED TO PREVENT POLL DISCHARGED FROM MATERIALS ON SITE, INCLUDING STORAGE PROF THE MATERIALS TO STORMWATER, AND APPROPRIATE SPILL AND RESPONSE PLANNING AND IMPLEMENTATION.
- GROUNDWATER PROTECTION. DURING CONSTRUCTION, LIQUID PETROLEU HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUN STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTR "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR TOPOGRAPHY AND OTHER RELEVANT FACTORS, ACCUMULATES RUNOFF THE SOIL. DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PC THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.
- FUGITIVE SEDIMENT AND DUST. AN RESULT IN NOTICEABLE EROSION CONSTRUCTION. OIL MAY NOT BE CTIONS MUST BE TAKEN TO EN OF SOILS OR FUGITIVE DUST E USED FOR DUST CONTROL. ISURE THAT ACTIVITIES DO NOT

- DEBRIS AND OTHER MATERIAL. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED STORM WATER, MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
- SPECTION AND MAINTENANCE DE-WATERING. TRENCH DE-WATERING IS THE REMOVAL OF WATER FROM TRENCHES, AMS, PONDS AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER OST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE S. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE PONDED WATER EITHER JMPING, CONTRACTOR SHOULD RUN DEWATERING THROUGH A DIRTBAG OR SIMILAR OF SISCHARGE TO WOODED AREA. DEWATERING MUST BE SPREAD THROUGH NATURAL MOTE AREAS THAT ARE SPECIFICALLY DESIGNATED TO COLLECT THE MAXIMUM AMOUNT JKE A COFFER DAM SEDIMENTATION BASIN. AVOID ALLOWING THE WATER TO FLOW OVER E SITE.

(00000)

EXISTING GROUND

PROFILE

CRUSHED STONE

PUBLIC RIGHT-OF-WAY

EXISTING GROUND

R=20

PUBLIC

ROAD

INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION AND STORMWATER CONTROL MEASURES, AREAS USED FOR STORAGE THAT ARE EXPOSED TO PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE A WEEK AS WELL AS BEFORE AND AFTER STORM EVENTS, PRIOR TO COMPLETION OF PERMANENT STABILIZATION. INSPECTION AND REPORTING TO BE DONE BY CONTRACTOR IF THEY ARE STATE CERTIFIED IN EROSION AND SEDIMENTATION CONTROL OR BY AN INDEPENDENT THIRD PARTY INSPECTOR WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROLS, INCLUDING THE STANDARDS IN THE MAINE CONSTRUCTION GENERAL PERMIT AND ANY DEP OR MUNICIPAL COMPANION DOCUMENTS. THE INSPECTOR MUST BE IDENTIFIED IN THE INSPECTION LOG. IF BEST MANAGEMENT PRACTICES BMP'S NEED TO BE MODIFIED OR IF ADDITIONAL BMP'S ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.

CULVERT PIPE (SIZE - AS NOTED ON PLANS)

PLAN

AN INSPECTION AND MAINTENANCE LOG MUST BE KEPT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME AND QUALIFICATIONS OF THE PERSON PERFORMING THE INSPECTION, DATE, AND MAJOR OBSERVATIONS RELATING TO OPERATION OF EROSION AND SEDIMENTATION CONTROLS AND POLLUTION PREVENTION MEASURES. MAJOR OBSERVATIONS MUST INCLUDE: BMP'S THAT NEED TO BE MAINTAINED, LOCATION(S) OF BMP'S THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION, AND LOCATION(S) WHERE ADDITIONAL BMP'S ARE NEEDED THAT DID NOT EXIST AT THE TIME OF THE INSPECTION. FOLLOW—UP TO CORRECT DEFICIENCIES OR ENHANCE CONTROLS MUST ALSO BE INDICATED IN THE LOG AND DATED; INCLUDING WHAT ACTION WAS TAKEN AND WHEN.

IT IS RECOMMENDED THAT THE OWNER RETAIN THE SERVICES OF THE DESIGN ENGINEER FOR SITE INSPECTIONS IN COMPLIANCE WITH MAINE DEP STORMWATER RULES, CHAPTER 500. OWNER/CONTRACTOR SHALL RETAIN THE DESIGN ENGINEER OR A QUALIFIED THIRD PARTY TO INSPECT/DOCUMENT CONSTRUCTION OF THE UNDERDRAINED SOIL FILTERS.

GENERAL CONSTRUCTION SEQUENCE:

CULVERT PIPE (SIZE -AS NOTED ON PLANS)

— GEOTEXTILE FABRIC — MIRAFI 600X OR APPROVED EQUAL

D₅₀

– 4" GRAVEL BORROW

CONSTRUCTION SPECIFICATIONS:

PLAN

WIDEN AT ROAD FOR VEHICLE TURNS

1. STONE SIZE - AASHTO DESIGNATION M 43, SIZE NO. 2 (2 $1/2\mbox{"}$ TO 1 $1/2\mbox{"}). USE CRUSHED STONE.$

2. LENGTH - AS EFFECTIVE, BUT NOT LESS THAN 50 FEET.

THICKNESS — NOT LESS THAN EIGHT (8) INCHES.

WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.

MAINTENANCE — THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS—OF—WAY. THIS MAY REQUIRE PERIODIC REPAIR AND TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS—OF—WAY MUST BE REMOVED IMMEDIATELY.

-0" MIN.

- EXISTING GROUND

PROVIDE APPROPRIATE TRANSITION —
BETWEEN STABILIZED CONSTRUCTION
ENTRANCE AND PUBLIC RIGHT-OF-WAY

æ

INSTALL TEMPORARY EROSION CONTROL MEASURES IN THE VICINITY OF THE SITE ENTRANCE AREA INCLUDING A STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCING OR SEDIMENT BARRIER AT LOCATIONS AS SHOWN ON THE PLANS, AND AT ANY OTHER LOCATIONS DEEMED NECESSARY BY THE OWNER'S REPRESENTATIVE.

- 2. CUT TREES, INSTALL SILT BARRIERS AND SILT FENCE ON REMAINDER OF SITE AS SPECIFIED ON THE PLAN, CLEAR SITE WITHIN CONSTRUCTION AREA. DO NOT DISTURB AREAS OUTSIDE OF CONSTRUCTION AREA TO THE MAXIMUM EXTENT POSSIBLE.
- 5. COMPLETE CLEARING AND GRUBBING OF SITE AND STOCKPILING OF TOPSOIL 3. INSPECT AND REPAIR, AS NECESSARY, ALL TEMPORARY EROSION CONTROL MEASURES 4. INSTALL ADDITIONAL EROSION CONTROL MEASURES NECESSARY FOR WORK AS DEPICTED ON PLANS.
- 6. CONSTRUCT ROAD, INSTALL CULVERTS CONSTRUCT UNDERDRAIN SOIL FILTERS AND ASSOCIATED BMP'S. DIVERT STORMWATER FROM UNDERDRAIN SOIL FILTERS UNTIL SITE AND CONTRIBUTING DRAINAGE AREAS ARE COMPLETELY STABILIZED.

RIPRAP

INLET,

) 0U:

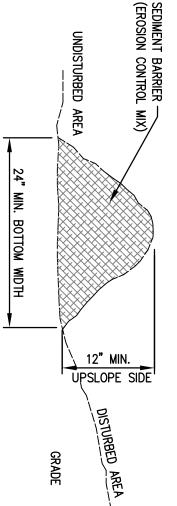
TLET PROTECTION

SCALE: N.T.S.

STABILIZED CONSTRUCTION ENTRANCE

SCALE: N.T.S.

- 7. INSTALL OTHER PROJECT APPURTENANCES.
- 9. FOLLOWING THE ADEQUATE ESTABLISHMENT OF VEGETATION, REMOVE TEMPORARY EROSION CONTROL MEASURES. 8. PLACE LOAM SEED & MULCH AS AREAS ARE COMPLETED.



- THE ORGANIC CONTENT SHALL BE BETWEEN 80 AND 100% DRY WEIGHT BASIS SHALL MEET THE FOLLOWING REQUIREMENTS
- F. THE pH SHOULD FALL BETWEEN 5.0 AND 8.0
- PLACEMENT OF BARRIER SHOULD BE:

 AT TOE OF THE SLOPE.

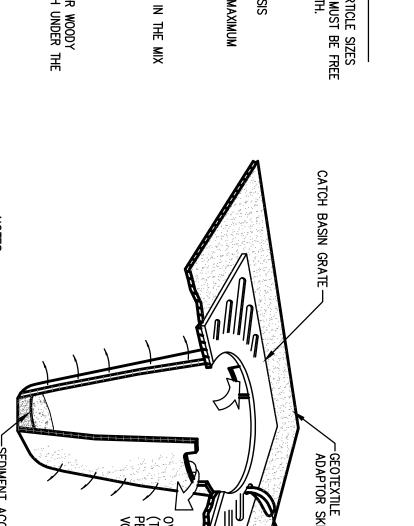
 FROZEN GROUND, BEDROCK OR ROO:

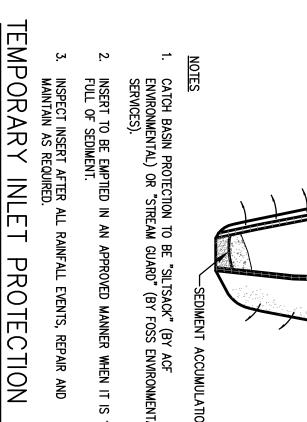
 THE EDGE OF GRAVEL AND AREAS U ND, BEDROCK OR ROOTED FORESTED AREAS. GRAVEL AND AREAS UNDER CONSTRUCTION.
- BARRIER SHALL NOT BE USED ADJACENT TO WETLANDS
- WHEN BARRIER IS DECOMPOSED, CLOGGED WITH SEDIMENT, ERODED OR INEFFECTIVE, IT MUST BE REPLACED OR REPAIRED. THE BARRIER SHOULD BE RESHAPED AS NECESSARY.
- SEDIMENT BARRIER (EROSION CONTROL

OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH.	AND MAY CONTAIN ROCKS LESS THAN 4" DIAMETER. EROSION CONTROL MIX MUST BE	THE EROSION CONTROL MIX SHALL CONTAIN A WELL GRADED MIXTURE OF PARTICLE SI	ES:
AL CONT/	ROCKS L	ROL MIX :	
AMINANTS,	ESS THAN	SHALL CO	
, AND MATERIA	4" DIAMETER.	ntain a well	
L TOXIC TO PLA	EROSION CON	GRADED MIXTUR	
NT GROWTH.	TROL MIX MUST	₹E OF PARTICLE	
	照	<u>S</u>	

- D. LARGE PORTIONS OF SILTS, CLAYS, OR FINE SANDS ARE NOT œ SOLUBLE SALTS CONTENT SHALL BE <4.0 MMHOS/CM PARTICLE SIZE BY WEIGHT SHALL BE 100% PASSING A 6" SCREEN AND A MAXIMUM OF 85% PASSING A 0.75" SCREEN THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED Z
- E BARRIER ALONG A RELATIVELY FLAT CONTOUR. CUT TALL GRASSES OR WOODY TATION TO AVOID CREATING VOIDS AND BRIDGES WHERE FINES CAN WASH UNDER THE RIPROUGH GRASS BLADES AND BRANCHES.
- REMOVE SEDIMENT DEPOSITS WHEN THEY REACH APPROXIMATELY ONE HALF THE BARRIER.
- $\stackrel{\mathbb{Z}}{\times}$

SCALE: N.T.S.





SECTION (KEYED IN)

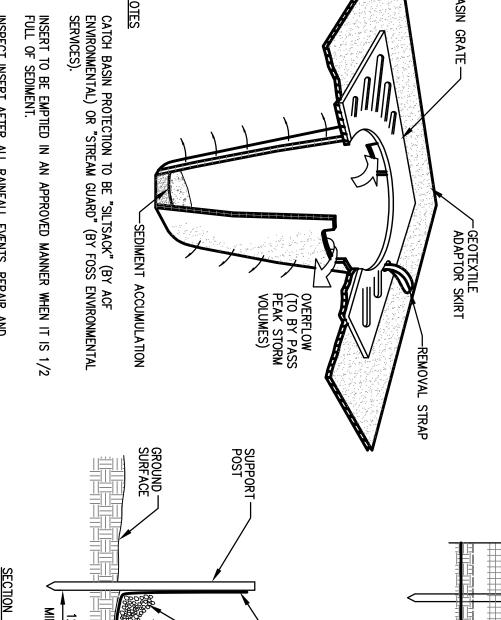
TOE ANCHOR TRENCH
4" BELOW GRADE

— BACKFILL WITH EXCAVATED MATERIAL

FLOW

- SEDIMENTATION CONTROL FABRIC MIRAFI 100X OR EQUIVALENT

36" MAX.

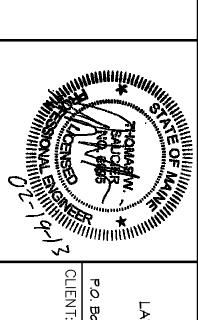


ET PROTECTION SILTATION FENCE SCALE: N.T.S.	ALL RAINFALL EVENTS, REPAIR AND	OVERFLOW (TO BY PASS PEAK STORM VOLUMES) SUPPORT POST GROUND SURFACE SURFACE WHEN IT IS 1/2 N AN APPROVED MANNER WHEN IT IS 1/2	REMOVAL STRAP	GEOTEXTILE ADAPTOR SKIRT
ENCE	SECTION (STONE FILLET)	SEDIMENTATION CONTROL FABRIC MIRAFI 100X OR EQUIVALENT STONE ANCHORING MATERIAL FLOW SURFACE SURFACE SURFACE SURFACE SURFACE	ELEVATION	SPACING PER MANUFACTURER'S REQUIREMENTS POST EXST. GRADE
	SE SE	MIN.		

ESIGN SOLUTIONS PLANNING & LANDSCAPE ARCHITECTURE	DESIGN: PBB DRAWN: DEPT.	1062 00
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	CHKD: PBB	
9 Koda, Cumberland, ME 04081 (e1:(201) 939-1111		
PROPERTIES, LLC	DATE: MAY 2012	PROJ. NO.
DRIVE, FALMOUTH, MAINE 04104	SCALE: AS NOTED	DWG.

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LAND DESIGN SOLUTIONS	DESIGN: PBB	1062 OCEAN AVENUE DORTI AND MAINE
AND PLANNING, SITE PLANNING & LANDSCAPE ARCHITECTURE	DRAWN: DEPT.	1062 OCEAN AVENUE, PORTLAND, MAINE
	CHKD: PBB	EROSION AND SEDIMENTATION
Box 316, 160 Longwoods Road, Cumberland, ME 04081 tel:(207) 939-1717		NOTES AND DETAILS
Τ:		מסובס אינס סרואורס
TPO PROPERTIES, LLC	DATE: MAY 2012	PROJ. NO.
30 LEDGEWOOD DRIVE, FALMOUTH, MAINE 04104	SCALE: AS NOTED	DWG. C—