TYPICAL STREET NOT TO TREE PLANTING

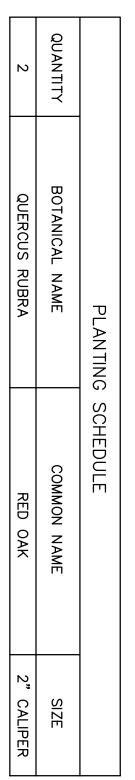
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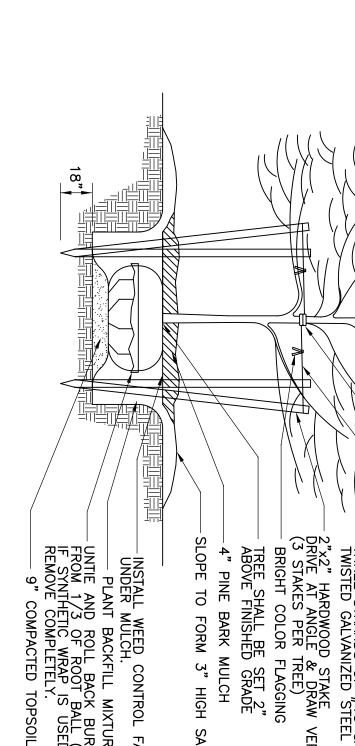
RACK

DETAIL

NOT

	QU.	
2	QUANTITY	
QUERCUS RUBRA	BOTANICAL NAME	PLANTING
RED OAK	COMMON NAME	PLANTING SCHEDULE
2" CALIPER	SIZE	





32209

CAD FILE:

8/20/10

REVISED PER CITY COMMENTS

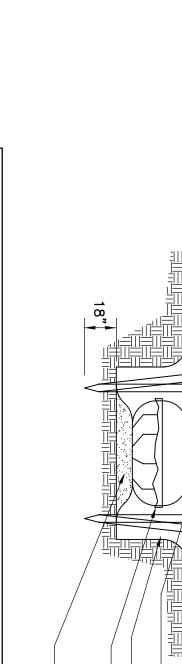
SCALE:

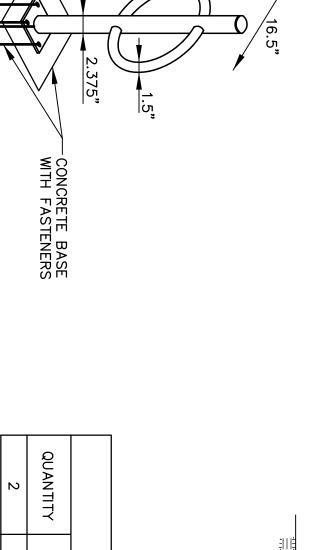
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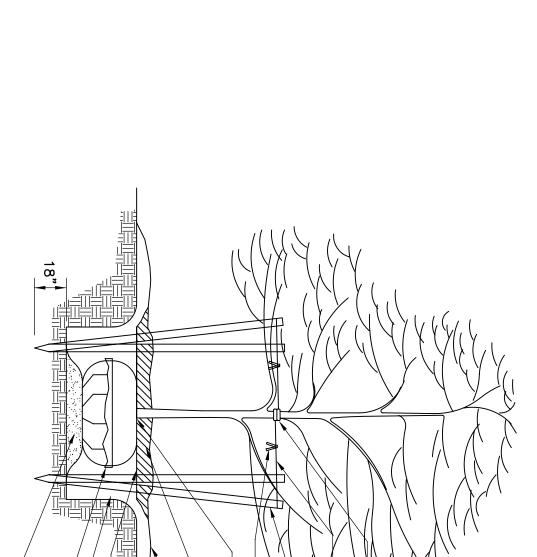
DATE: JULY 26, 2010

EROSION & SEDIMENTATION CONTROL AND CONSTRUCTION DETAILS

BUILDING ADDITION
171 WARREN AVE, PORTLAND, MAINE 04103







THE FOLLOWING GENERAL PRACTICES WILL BE USED TO PREVENT EROSION DURING CONSTRUCTION OF THIS PROJECT.

A. DISTRIBUTED TO AN AREA UNDERGOING FINAL GRADING.

B. GRADED IN AN AESTHETIC MANNER TO CONFORM TO THE TOPOGRAPHY, FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH THE RATES PREVIOUSLY STATED.

7.2 MISCELLANEOUS: ONCE ALL THE TRAPPED SEDIMENTS HAVE BEEN REMOVED FROM THE TEMPORARY SEDIMENTATION DEVICES, THE DISTURBED AREAS MUST BE REGRADED IN AN AESTHETIC MANNER TO CONFORM TO THE SURROUNDING TOPOGRAPHY. ONCE GRADED, THESE DISTURBED AREAS MUST BE LOAMED (IF NECESSARY) FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH THE RATES PREVIOUSLY STATED.

4.1 ONLY THOSE AREAS UNDER ACTIVE CONSTRUCTION WILL BE CLEARED AND LEFT IN AN UNTREATED OR UNVEGETATED CONDITION. IF FINAL GRADING, LOAMING AND SEEDING WILL NOT OCCUR WITHIN 15 DAYS. SEE ITEM NO. 4.4

PRIOR TO THE START OF CONSTRUCTION IN A SPECIFIC AREA, SILT ICING AND/OR HAY BALES WILL BE INSTALLED AT THE TOE OF SLOPE AND AS A LOCATED ON THE PLANS TO PROTECT AGAINST ANY CONSTRUCTION ATED EROSION. IMMEDIATELY FOLLOWING CONSTRUCTION OF CULVERTS AND ALES, RIP RAP APRONS SHALL BE INSTALLED, AS SHOWN ON THE PLANS.

TOPSOIL WILL BE STOCKPILED WHEN NECESSARY IN AREAS ICH HAVE MINIMUM POTENTIAL FOR EROSION AND WILL BE KEPT FAR AS POSSIBLE FROM THE EXISTING DRAINAGE COURSE. ALL DECKPILES EXPECTED TO REMAIN LONGER THAN 15 DAYS SHALL BE

2.6 TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE HAS BEEN STABILIZED OR IN AREAS WHERE PERMANENT EROSION CONTROL MEASURES HAVE BEEN INSTALLED.

6.2 VISUALLY INSPECT RIP RAP ONCE A WEEK OR AFTER EACH SIGNIFICANT RAINFALL AND REPAIR AS NEEDED. REMOVE SEDIMENT TRAPPED BEHIND THESE DEVICES ONCE IT ATTAINS A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE DAM OR RISER. DISTRIBUTE REMOVED SEDIMENT OFF—SITE OR TO AN AREA UNDERGOING FINAL GRADING.

6.1 HAY BALE BARRIERS AND SILT FENCE SHALL BE INSPECTED AND REPAIRED ONCE A WEEK OR IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL. SEDIMENT TRAPPED BEHIND THESE BARRIERS SHALL BE EXCAVATED WHEN IT REACHES A DEPTH OF 6" AND REDISTRIBUTED TO AREAS UNDERGOING FINAL GRADING. SHOULD THE HAY BALE BARRIERS PROVE TO BE INEFFECTIVE, THE CONTRACTOR SHALL INSTALL SILT FENCE BEHIND THE HAY BALES.

11.2 GROUNDWATER PROTECTION: DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA, AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN, OR AS A RESULT OF SOILS, TOPOGRAPHY AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAINMENT THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO SOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.

11.1 SPILL PREVENTION: CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS ON SITE, INCLUDING STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER, AND APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING AND IMPLEMENTATION.

HOUSEKEEPING

6.3 REVEGETATION OF DISTURBED AREAS WITHIN 25' OF DRAINAGE—
COURSE/STREAM WILL BE SEEDED WITH THE "MEADOW AREA MIX" AND INSPECTED ON A WEEKLY BASIS OR AFTER EACH SIGNIFICANT RAINFALL AND RESEEDED AS NEEDED. EXPOSED AREAS WILL BE RESEEDED AS NEEDED UNTIL THE AREA HAS OBTAINED 100% GROWTH RATE. PROVIDE PERMANENT RIPRAP FOR SLOPES IN EXCESS OF 3:1 AND WITHIN 25' OR DRAINAGE COARSE.

11.5 TRENCH OR FOUNDATION DE-WATERING WATER FROM TRENCHES, FOUNDATIONS, CONTHE CONSTRUCTION AREA THAT RETAIN WAT COLLECTED WATER IS HEAVILY SILTED AND PRACTICES. THE COLLECTED WATER MUST BOTH CONTENT OR PUMPING, AND MUST BOTH OF SEDIMENT POSSIBLE, LIKE A CONTHE WATER TO FLOW OVER DISTURBED ARE TAKEN IF APPROVED BY THE DEPARTMENT.

NON-STORMWATER DISCHARGES:-STORMWATER DISCHARGES.

IDENTIFY AND PREVENT

11.4 DEBRIS AND OTHER MATERIALS: EXPOSED TO STORMWATER MUST BE P

LITTER, CONSTRUCTION DEBRIS, AND CHEMICALS REVENTED FROM BECOMING A POLLUTANT SOURCE.

1.3 FUGITIVE SEDIMENT AND DUST: ACTIONS MUST BE TAKEN TO ENSURE THAT CTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST MISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST ONTROL.

3.1 STORMWATER RUNOFF GENERATED BY THE DEVELOPMENT OF THIS WILL BE COLLECTED IN A CLOSED DRAINAGE.

SITE

AN AREA IS CONSIDERED STABLE IF IT IS PAVED, GRAVEL, OR IF 80% 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:

ALL AREAS DISTURBED DURING CONSTRUCTION, BUT NOT SUBJECT OTHER RESTORATION (PAVING, RIPRAP, ETC.), WILL BE LOAMED, LIMED, ATILIZED AND SODDED. NATIVE TOPSOIL SHALL BE STOCKPILED AND USED FOR FINAL RESTORATION WHEN IT IS OF SUFFICIENT QUALITY.

SLOPES GREATER THAN 2:1 WILL BE TREATED WITH

THE FOLLOWING PERMANENT CONTROL MEASURES EROSION/SEDIMENTATION CONTROL PLAN:

ARE REQUIRED BY THIS

PERMANENT EROSION CONTROL MEASURES

2.5 IF WORK IS CONDUCTED BETWEEN OCTOBER 15 AND APRIL 15, ALL DENUDED AREAS ARE TO BE COVERED WITH HAY MULCH, APPLIED AT TWICE THE NORMAL APPLICATION RATE, AND ANCHORED WITH FABRIC NETTING. THE PERIOD BETWEEN FINAL GRADING AND MULCHING SHALL BE REDUCED TO A 15 DAY MAXIMUM.

2.4 ALL DENUDED AREAS WHICH HAVE BEEN ROUGH GRADED AND ARE NOT COCATED WITHIN THE BUILDING PAD, OR PARKING AND DRIVEWAY SUBBASE AREA SHALL RECEIVE MULCH WITHIN 30 DAYS OF INITIAL DISTURBANCE OF SOIL OR WITHIN 15 DAYS AFTER COMPLETING THE ROUGH GRADING DERATIONS. IN THE EVENT THE CONTRACTOR COMPLETES FINAL GRADING AND INSTALLATION OF LOAM AND SOD WITHIN THE TIME PERIODS PRESENTED ABOVE, INSTALLATION OF MULCH AND NETTING, WHERE APPLICABLE IS NOT REQUIRED.

STABILIZE STOCKPILES WITHIN 15 DAYS BY TEMPORARILY SEEDING WITH A HYDROSEED METHOD CONTAINING AN EMULSIFIED MULCH TACKIFIER OR BY COVERING THE STOCKPILE WITH MULCH.

SURROUND STOCKPILE SOIL WITH SILTATION FENCE.

6. MONITORING SCHEDULE

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MONITORING, MAINTAINING, REPLACING AND REMOVING ALL OF THE EROSION 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 VISUAL INSPECTION WILL BE MADE OF ALL EROSION AND SEDIMENTATION CONTROLS AS FOLLOWS:

5.6 FOLLOWING FINAL SEEDING, THE SITE WILL BE INSPECTED EVERY 30 DAYS UNTIL 80% COVER HAS BEEN ESTABLISHED. RESEEDING WILL BE CARRIED OUT BY THE CONTRACTOR WITHIN 10 DAYS OF NOTIFICATION BY THE ENGINEER THAT THE EXISTING CATCH IS INADEQUATE.

AVOID PLACING TEMPORARY STOCKPILES IN AREAS WITH SLOPES OVER 10 PERCENT, OR NEAR DRAINAGE SWALES.

PROVIDE THE FOLLOWING TEMPORARY EROSION/SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION OF THE DEVELOPMENT:

.6.5 LOOSE STRAW SHALL BE WEDGED BETWEEN BALES TO PREVENT VATER FROM ENTERING BETWEEN BALES.

II. BLANKETED BY TACKED PHOTODEGRADABLE/BIODEGRADABLE NETTING, OR WITH SPRAY, ON GRADES GREATER THAN 5%.

B. HYDRO-MULCH SHALL CONSIST OF A MIXTURE OF EITHER WOOD FIBER OR PAPER FIBER AND WATER SPRAYED OVER 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 SEEDING BETWEEN SEPTEMBER 15 AND APRIL 15. SHOULD SEEDING BE NECESSARY BETWEEN SEPTEMBER 15 AND APRIL 15, THE FOLLOWING PROCEDURE SHALL BE FOLLOWED.

10.1 LIMIT OF CONSTRUCTION: THE LIMI BE AS INDICATED ON THE PLANS. NO DONE WETLANDS WILL BE PERMITTED BEYON EXCEPT IN THE AREAS OF STORMWATER APRONS.

III OF CONSTRUCTION FOR THE SITE SHALL DISTURBANCE OF SOILS, VEGETATION, ND THE LIMIT OF DISTURBANCE, DITCHES, CULVERTS, AND DISCHARGE

LIMITS OF CONSTRUCTION

10.2 CONSTRUCTION STAGING AREAS: THE CONSTRUCTION AND STAGING AREAS THE SITE SHALL BE LOCATED IN WITHIN THE LIMIT OF DUSTURBANCE. SILT FENCING SHALL BE PLACED ALL AROUND THE PERIMETER OF THE STAGING/STORAGE AREAS.

7.1 THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL REVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS—OF—WAY. WHEN WASHING REVENT TRACKING OF SEDIMENT ON AN AREA STABILIZED WITH AGGREGATE HICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. ALL SEDIMENT HALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERWAYS.

.6.4 EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY NT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.

.6.3 THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH HALL BE EXCAVATED AROUND THE INLET THE WIDTH OF A BALE TO A MINIMUM EPTH OF 4 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL HALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.

.6.2 BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.

.6.1 BALES SHALL BE EITHER WIRE—BOUND OR STRING TIED WITH THE INDINGS ORIENTATED AROUND THE SIDES RATHER THAN OVER AND UNDER HE BALES.

STRAW BALE DROP INLET STRUCTURE

LAWNS
KENTUCKY BLUEGRASS 0.46 LBS/1000 SF.
CREEPING RED FESCUE 0.46 LBS/1000 SF.
PERENNIAL RYEGRASS 0.11 LB/1000 SF.

SWALES
CREEPING RED FESCUE 0.46 LBS/1000
RED TOP 0.05 LBS/1000 SF. TALL
FESCUE 0.46 LBS/1000 SF.

MULCH ANCHORING: MULCH AND THE FOLLOWING CRITERIA:

N. BETWEEN NOVEMBER 1 AND AI BY PEG LINE, MULCH NETTING, TRACK OR WOOD CELLULOSE FIBE

PRIL 15, ALL MULCH SHALL BE ANCHORED ASPHALT EMULSION CHEMICAL, OR ER.

NG SHALL BE INSTALLED ACCORDING

.3 AN AREA SHALL BE MULCHED IMMEDIATELY AFTER IT HAS BEEN SEEDED. IULCHING SHALL CONSIST OF HAY MULCH, HYDRO— MULCH OR ANY SUITABLE UBSTITUTE DEEMED 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:

I. BEING DRIVEN OVER BY TRACKED CONSTRUCTION EQUIPMENT ON GRADES OF 5% AND LESS.

9.4 DAILY PROTECTION: DURING THE PE BARE AND EXPOSED EARTH SHALL BE TO MULCHED AND ANCHORED AT THE END OF 9.5 SNOW REMOVAL: SNOW SHALL BE FOR

PERIOD OF OCTOBER 1 TO APRIL 15, ALL TREATED WITH A DORMANT SEEDING, OF EACH WORKING DAY.

Б

THE APPLICATION OF

C. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 5%.

B. MULCH NETTING SHALL BE US WAYS WITH SLOPES GREATER THA DIRECT WINDS, AND FOR ALL OTH

ED TO ANCHOR MULCH IN ALL DRAINAGE IN 3% FOR SLOPES EXPOSED TO HER SLOPES GREATER THAN 5%.

2.1 SILTATION FENCE ALONG THE DOWNGRADIENT SIDE OF THE PARKING AREAS AND OF ALL FILL SECTIONS. THE SILTATION FENCE WILL REMAIN N PLACE UNTIL THE SITE IS REVEGETATED.

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 SHALL BE DONE ON LOAM THE DAY THE LOAM IS TRACKING BY MACHINERY ALONE WILL NOT SUFFICE.

F. HAY MULCH SHALL BE SECURED WITH PHOTODEGRADABLE/BIODEGRADABLE NETTING. TRACKING BY MACHINERY ALONE WILL NOT SUFFICE.

THE FINE AND VERY FINE SANDY LOAMS THAT WILL BE EXPOSED DURING SITE PREPARATION MAY BE SUSCEPTIBLE TO EROSION, AND CAN UNDERGO STRENGTH LOSS WHEN SUBJECTED TO CONSTRUCTION TRAFFIC AND EXCAVATION ACTIVITIES, PARTICULARLY DURING PERIODS OF PRECIPITATION AND HIGH GROUND WATER LEVELS. THEREFORE, CARE WILL BE EXERCISED DURING CONSTRUCTION TO MINIMIZE DISTURBANCE OF THE BEARING SOILS. ALL TOPSOIL, ORGANIC AND LOOSE SURFACE SOIL WILL BE STRIPPED AND STORED FOR REUSE LATER. SHOULD THE SUBGRADE BECOME SOFT OR DIFFICULT TO WORK AND/OR WHEREVER SUBSURFACE DRAINAGE CAVITIES ARE ENCOUNTERED, THE SUBGRADE WILL BE OVER EXCAVATED AS REQUIRED, AND BACKFILLED WITH GRANULAR FILL OR CRUSHED STONE.

C. WHERE PERMANENT SEEDING IS NECESSARY, ANNUAL WINTER RYE (1.2 LBS/1000 SQ.FT) SHALL BE ADDED TO THE REVIOUSLY NOTED AREAS.

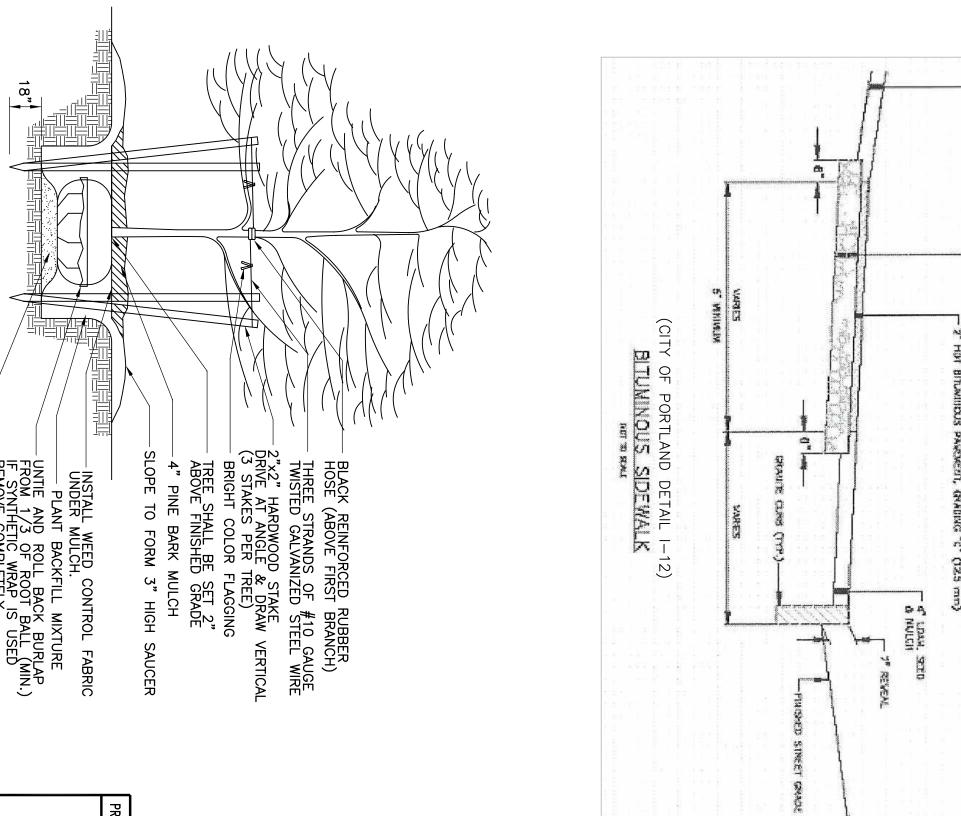
A. ONLY UNFROZEN LOAM SHALL BE USED.

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.

.3 PROTECT TEMPORARY STOCKPILES OF STUMPS, GRUBBINGS, OR OMMON EXCAVATION AS FOLLOWS:

SOIL STOCKPILE SIDE SLOPES SHALL NOT EXCEED 2:1.

HAY BALES AT KEY LOCATIONS TO SUPPLEMENT THE SILT FENCE.



HANDICAPPED

PAINTING

THIS PLAN IS FOR REVIEW PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION OR RECORDING

NOTE: PER MDOT ITEM 627

N.T.S.

1'-8"

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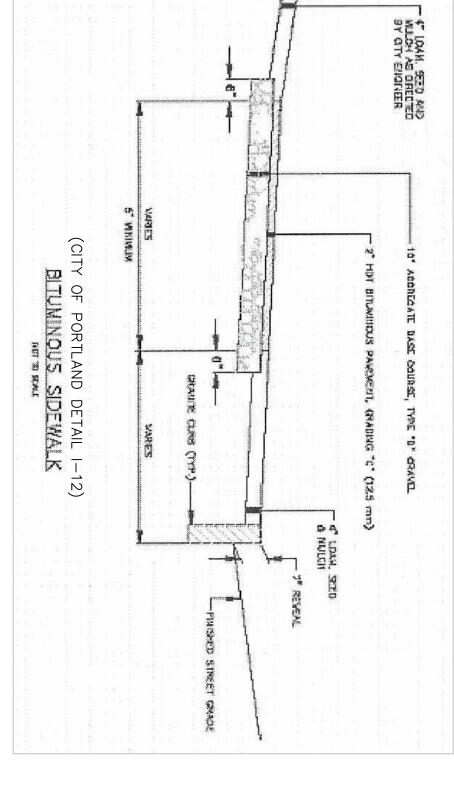
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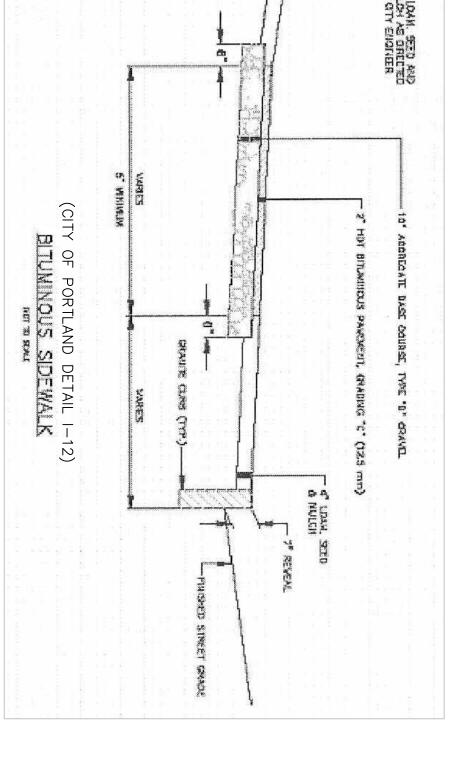
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PAVEMENT

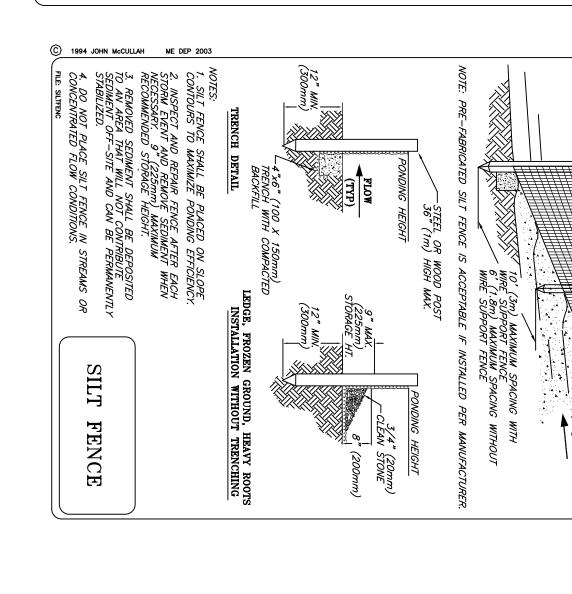
PER MDOT ITEM 403

SEAL JOINT WITH TACK COAT

MATCH

DETAIL

N.T.S.



ANCHORING

DETAIL

2 REBARS, STEEL PICKETS OR 2"x 2" HARDWOOD STAKES DRIVEN 1 1/2' TO 2' IN GROUND

- WIRE OR NYLON
BOUND HAY BALES
PLACED ON THE
CONTOUR

BALE

SEDIMENT BARRIER

1.4. LOAM, SEED, & MULCH: ALL DISTURBED AREAS, WHICH ARE NOT OTHERWISE TREATED, SHALL RECEIVE PERMANENT SEEDING AND MULCH TO STABILIZE THE DISTURBED AREAS. THE DISTURBED AREAS WILL BE REVEGETATED WITHIN 5 DAYS OF FINAL GRADING. SEEDING REQUIREMENTS ARE PROVIDED AT THE END OF THIS SPECIFICATION.

1.5 JUTE MESH: STRAW AND HAY MULCH; USED TO COVER DENUDED AREAS UNTIL PERMANENT SEED OR EROSION CONTROL MEASURES ARE IN PLACE. MULCH CAN BE USED ON SLOPES LESS THAN 3:1. USE JUTE MESHON SLOPES IN EXCESS OF 3:1.

1.3 RIPRAP: PROVIDE RIPRAP IN AREAS WHERE SLOPES ARE STEEPER THAN 2:1 AND AS SHOWN ON THE PLANS.

2 HAY BALES: PLACE IN DRAINAGE SWALES AND PATHS TO TRAP EDIMENTS AND REDUCE RUNOFF VELOCITIES.

THE FOLLOWING GENERAL PRACTICES WILL BE USED TO PREVENT ERO: AS SOON AS AN AREA IS READY TO UNDERGO FINAL GRADING.

9.2 LOAM OR SEED WILL NOT BE REQUITE, AND APRIL 15. DURING PERIODS WHEREZING, EXPOSED SLOPES SHALL BE FEMULCH, OR TEMPORARILY SEEDED AND MINAL TREATMENT CAN BE APPLIED. AFTI FINAL GRADED AREAS MAY BE DORMANT SHOULD FOR PERMANENT CONSTRUCTION CONTINUOES DURING FREEZ SHALL BE CONTINUOUSLY GRADED BEFORI BE PROTECTED TEMPORARILY FROM EROSIS SLOPES SHALL NOT BE LEFT EXPOSED DIEXTENDED TIME OF WORK SUSPENSION UNTIL SUCH TIME AS WEATHER CONDITION PERMANENT SURFACE TREATMENT, EROSIO NISTALLATION OF HAY BALES OR STONE OSTANDARD DETAILS.

EQUIRED BETWEEN THE DATES OF OCTOBER WHEN TEMPERATURES ARE ABOVE WHEN TEMPERATURES ARE ABOVE WITH JUDGE AND PROTECTED WITH AFTER NOVEMBER 1, ANY LOAMED, SMOOTH, NI SEEDED AT A RATE OF 200% TO 300% IENT SEED, AND THEN MULCHED. IF REZUNG TEMPERATURES, ALL EXPOSED AREAS FORE FREEZING, AND THE SURFACE SHALL ROSION BY THE APPLICATION OF MULCH. D DURING THE WINTER OR ANY OTHER UNLESS TREATED IN THE ABOVE MANNER. THONS ALLOW DITCHES TO BE FINISHED WITH SOSION SHALL BE CONTROLLED BY THE SION SHALL BE CONTROLLED BY THE SION SHALL BE CONTROLLED BY THE

5.1 A MINIMUM OF 4" OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND GRADED TO A UNIFORM DEPTH AND NATURAL APPEARANCE, OR STONE WILL BE PLACED ON SLOPES TO STABILIZE SURFACES.

5.2 IF FINAL GRADING IS REACHED DURING THE NORMAL GROWING SEASON (4/15 TO 9/15), PERMANENT SEEDING WILL BE DONE AS SPECIFIED BELOW. PRIOR TO SEEDING, LIMESTONE SHALL BE APPLIED AT A RATE OF 138 LBS/1000 SQ. FT. AND 10:20:20 FERTILIZER AT A RATE OF 18.4 LBS/1000 SQ.FT WILL BE APPLIED. BROADCAST SEEDING AT THE FOLLOWING RATES:

4.6 CONSTRUCTION TRAFFIC WILL BE DIRECTED OVER THE PROPOSED ROADWAY SYSTEM. ANY AREAS SUBJECT TO RUTTING WILL BE STABILIZED IMMEDIATELY. THE ENTRANCE WILL BE SWEPT WEEKLY, SHOULD MUD BE TRACKED ONTO IT.

4.5 ALL GRADING WILL BE HELD TO A MAXIMUM 2:1 SLOPE WHERE PRACTICAL. ALL SLOPES WILL BE STABILIZED WITH PERMANENT SEEDING, OR WITH STONE, WITHIN 5 DAYS AFTER FINAL GRADING IS COMPLETE. (SEE POST—CONSTRUCTION REVEGETATION FOR SEEDING SPECIFICATION.)

TO HAVE BEEN STABILIZED WHEN R MULCHED WITH STRAW OR HAY AT WITH OR WITHOUT SEEDING), OR DORMANT NCHORED BY AN APPROVED ANCHORING ALL BE APPLIED SUCH THAT THE SOIL E MULCH.

B. SEEDED WITH CONSERVATION MIX OF ANNUAL RYE GRASS (0.9 LBS/1000 SQ. FT) AND MULCHED IMMEDIATELY.

TREATED WITH ANCHORED MULCH IMMEDIATELY, OR

8.2 MAXIMUM AREAS WITHOUT STABILIZA EARTHWORK SHALL BE DONE SUCH THAT SITE IS WITHOUT STABILIZATION AT ANY C BE LIMITED TO THE AREA THAT CAN BE ANY SNOW EVENT. CONTINUATION OF EAF AREAS SHALL NOT BEGIN UNTIL THE EXF BEING WORKED HAS BEEN STABILIZED WI

8.1 WINTER CONSTRUCTION: CONSTRU NOVEMBER 1 AND APRIL 15 OF ANY Y CONSTRUCTION," AND SHALL CONFORM

RFORMED ANY TIME BETWEEN

L BE CONSIDERED "WINTER

OLLOWING CRITERIA.

1.1 SILT FENCE: SILT FENCE WILL BE INSTALLED ALONG THE DOWNGRADIENT EDGES OF DISTURBED AREAS TO TRAP RUNOFF BORNE SEDIMENTS UNTIL THE SITE IS STABILIZED. IN AREAS WHERE STORMWATER DISCHARGES THE SILT FENCE WILL BE REINFORCED WITH HAY BALES TO HELP MAINTAIN THE INTEGRITY OF THE SILT FENCE AND TO PROVIDE ADDITIONAL TREATMENT.

THE FOLLOWING EROSION SEDIMENTATION CONTROL DEVICES ARE PROPOSED TOR CONSTRUCTION ON THIS PROJECT. INSTALL THESE DEVICES AS NDICATED ON THE PLANS.

EROSION/SEDIMENT CONTROL DEVICES

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

FOLLOWING PLAN FOR CONTROLLING SEDIMENTATION AND EROSION FROM S PROJECT IS BASED UPON SOUND CONSERVATION PRACTICES, AND HERES TO THE STANDARDS DETAILED IN THE MAINE EROSION AND DIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT ACTICES BY THE CUMBERLAND COUNTY SOIL AND WATER CONSERVATION TRICT AND THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR MARCH 2003. THE CONTRACTOR SHALL MAKE HIMSELF FAMILIAR WITH THE ACTICES SENTED THEREIN.

STOCKPILES EXPECTED TO REMAIN LONGER THAN 7 DAYS SHALL BE ENCIRCLED WITH HAY BALES OR SILT FENCE AT THE TOE OF THE PILE.

4.4 ALL DISTURBED AREAS EXPECTED TO REMAIN LONGER THAN
7 DAYS SHALL BE EITHER:

EROSION

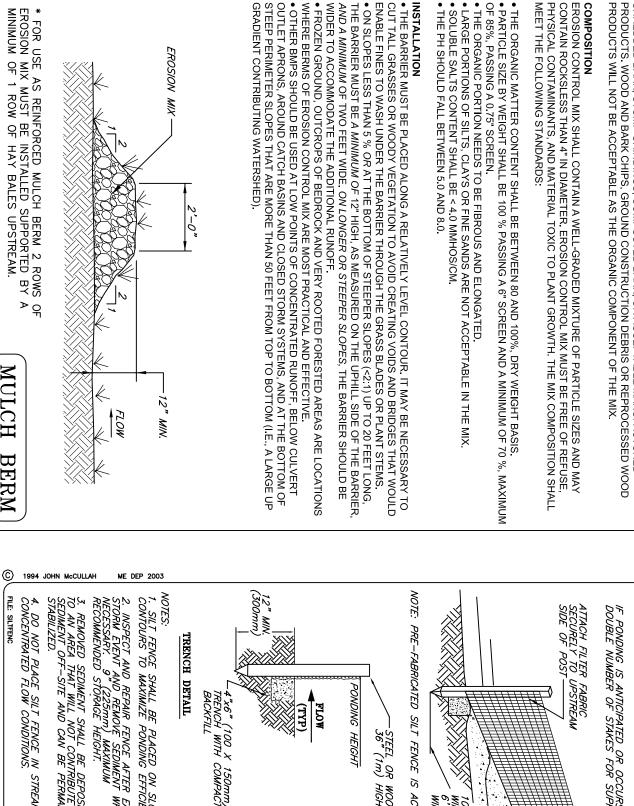
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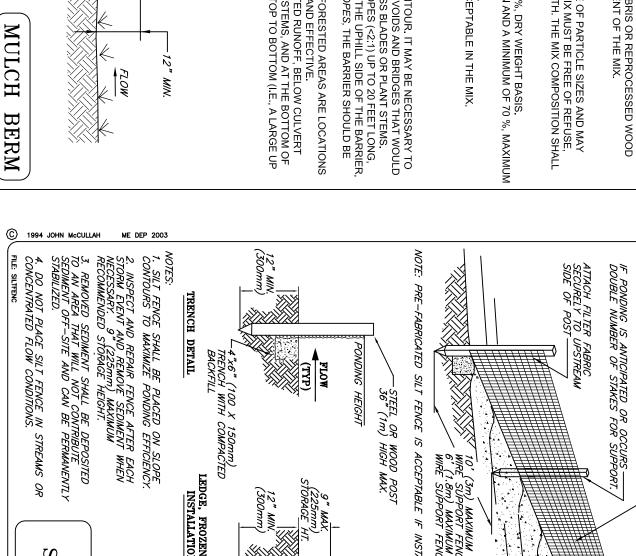
SEDIMENTATION CONTROL

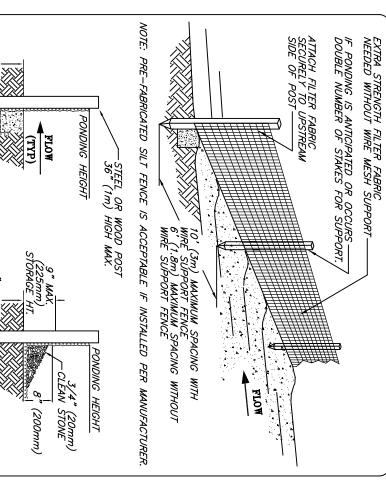
PLAN

TREATED WITH ANCHORED MULCH (WITHIN LAST DEPOSIT OF STOCKPILED SOIL).

5 DAYS OF THE





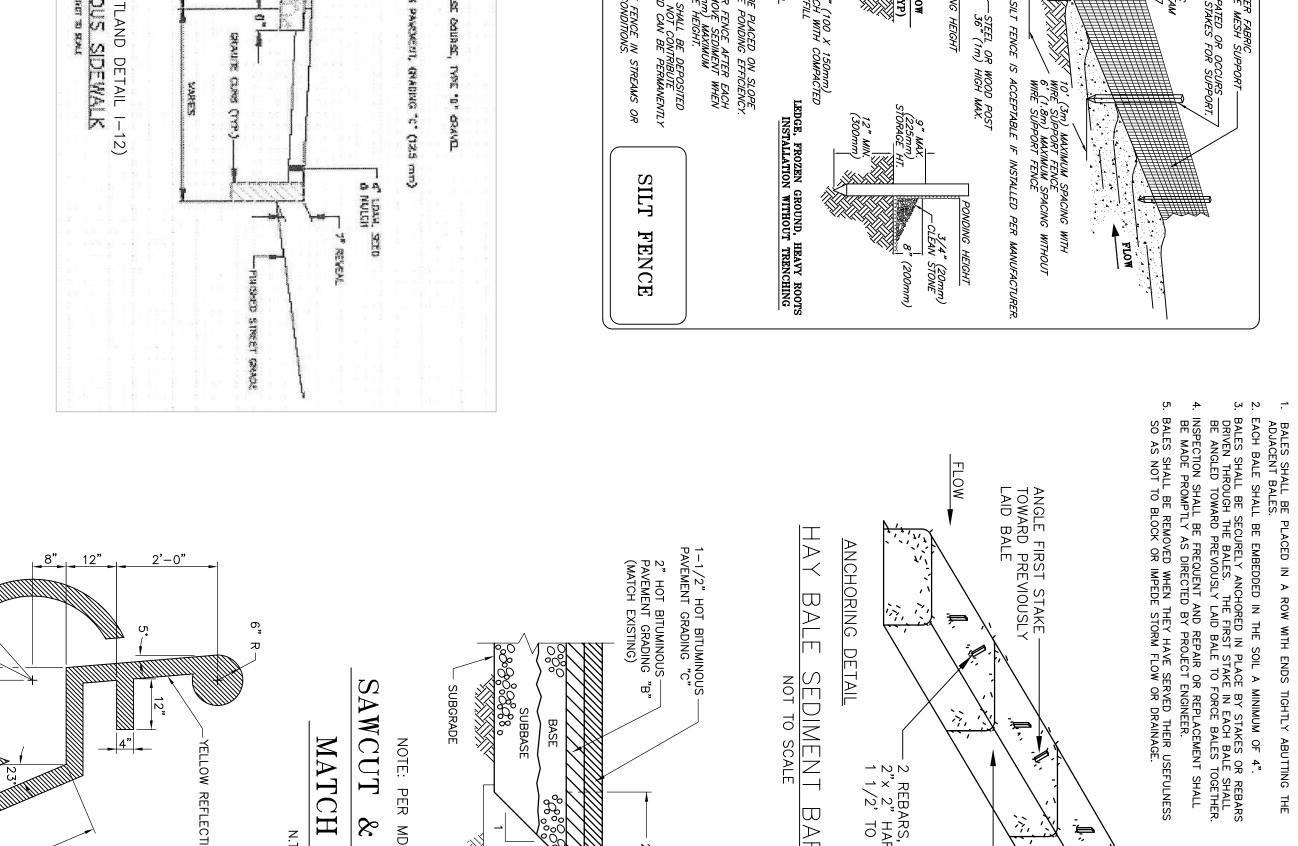


EMBEDDING

DETAIL

FLOW

4" VERTICAL FACE



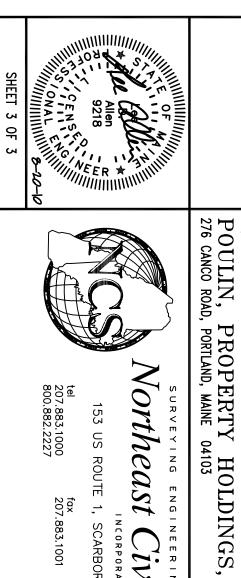
1-1/2" HOT BITUMINOUS PAVEMENT GRADING "C"

FULL DEPTH RECONSTRUCTION

▲1, MIN.-

-EXISTING TOP COURSE

EXIST. BIT CONCRETE





Northeast Civil Solutions 153 US ROUTE 1, SCARBOROUGH, MAINE 04074

tel 207.883.1000 800.882.2227 fax 207.883.1001

NOTES

E:\LAND PROJECT\32000\32209-POULIN-WARREN AVE\PLANSET\32209-DETAILS.DWG

LLC