BY NOVEMBER 1-THE DITCH WILL BE CONTROL MIX OR STONE BY OCTOBER 1—
SOD WILL BE PLACED IN ALL DITCH CHANNELS WHERE VEGETATION HAS NOT SOD WILL EXTEND TO A HEIGHT OF ONE FOOT ABOVE DITCH CHANNEL BOTTOM.
THAN 7:1 WILL BE SEEDED TO A WINTER COVER CROP OF RYE AT A RATE OF 3
THE RYE FAILS TO GROW AT LEAST THREE INCHES OR FAILS TO COVER AT LEAST
NOVEMBER 1, OR IF SOD IS NOT PLACED IN THE APPROPRIATE DITCH CHANNELS, BY SEPTEMBER 1
ALL GRASS-LINED DITCHES AND CHANNELS WILL BE CONSTRAINED THAN 7:1 TO BE VEGETATED WILL BE SEEDED AND MULANCHORING SHOULD BE USED ON SLOPES GREATER THAN 20:1, A BIODEGRADABLE NETTING SHOULD BE USED IN CONJUNCTION ON SIDE SLOPES OF DITCHES). IF THIS IS NOT COMPLETED, THEN: 7. HAY MULCH WILL BE APPLIED AT THE RATE OF 75-90 LBS PER 1000 SF. MULCH SHALL BE ANCHORED WITH BIODEGRADABLE NETTING ON STEEP SLOPES (7:1 OR GREATER) AND ON AREAS WITHIN 100 FEET OF LAKES, STREAMS, AND WETLANDS. EROSION CONTROL MIX CAN BE USED ON SLOPES BETWEEN 3:1 AND 2:1. SEE MAINE EROSION AND SEDIMENTATION CONTROL BMP A-1 AND SECTION 02270 IN THE CONTRACT SPECIFICATIONS. 3. AGRICULTURAL LIMESTONE AND FERTILIZER WILL BE INCORPORATED INTO THE SOIL PRIOR TO SEE ITEM SECTION 02270 AND SECTION 02900 IN THE CONTRACT SPECIFICATIONS FOR DETAILS. 4. SOIL STOCKPILES WILL BE MULCHED AT WINTER RATES WITHIN 24 HOURS OF STOCKING AND REESTABLISHED PRIOR TO RAIN OR SNOWFALL. NO STOCKPILES WILL BE PLACED WITHIN 100 FEET LAKES, STREAMS, WETLANDS, OR OTHER NATURAL RESOURCES. 3. AFTER EACH DAY OF FINAL GRADING, ANY DISTURBED AREA WILL BE STABILIZED WITH ANCHORED MULCH OR EROSION CONTROL MESH. NO GROUND SURFACE SHOULD BE VISIBLE THROUGH THE MULCH. 1. WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME. THE EXPOSED AREA WILL BE LIMITED TO THAT IN WHICH WORK IS TO OCCUR DURING THE FOLLOWING 15 DAYS AND THOSE AREAS THAT CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT. FALL/WINTER SEEDING AND STABILIZATION 9. ALL SEDIMENT CONTROL STRUCTURES WILL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISH ESTABLISHED MEANS A MINIMUM OF 85% OF THE AREA IS VEGETATED WITH VIGOROUS GROWTH. 5. SEEDING WILL BE COMPLETED BETWEEN THE DATES OF MAY 1 AND BE REQUIRED DURING THE PERIOD OF JUNE 1 TO AUGUST 15. 4. DISTURBED AREAS WILL BE SEEDED AT THE RATE OF 1 LB PER 1000 SF. SEE SECTION 02270, PARAGRAPH 2.01J AND SECTION 02900 IN THE CONTRACT SPECIFICATIONS FOR SEED MIXES. 2. ALL EXPOSED SURFACES NOT TO BE FINAL GRADED FOR THIRTY (30) DAYS OR MORE SHALL BE SEEDED WITH WINTER RYE, OATS, ANNUAL RYEGRASS, OR SUDANGRASS PERENNIAL, DEPENDING ON THE TIME OF YEAR. SEE MAINE EROSION AND SEDIMENTATION CONTROL BMP A-2 FOR DETAILS AND SPECIFICATIONS. 1. LOAM WILL BE SPREAD OVER ALL DISTURBED AREAS, UNLESS OTHERWISE A UNIFORM DEPTH OF 4 INCHES. UPON COMPLETION OF SITE CONSTRUCTION, ALL AREAS PREVIOUSLY DISTURBED WILL BE TREATED AS STATED BELOW. THESE AREAS WILL BE CLOSELY MONITORED BY THE CONTRACTOR UNTIL SUCH TIME A SATISFACTORY GROWTH OF VEGETATION IS ESTABLISHED. 9. THE EXPOSED AREA SHOULD FOLLOWING 15 DAYS. 6. TO PROVIDE PROTECTION AGAINST EROSION, RIPRAP AND OUTLETS AS SHOWN ON THE CONTRACT DRAWINGS. CONTROL BMP D-2. 8. NATIVE TOPSOIL SHALL BE SAVED, STOCKPILED, MULCHED, AND REUSED AS MUCH AS POSSIBLE ON THE SITE. STOCKPILES WILL BE STABILIZED BY SEEDING AND MULCHING WITHIN SEVEN (7) DAYS OF THE FORMATION OF THE STOCKPILE. NEAR WETLAND AREAS (INCLUDING LAKES AND STREAMS), SEEDING AND MULCHING SHALL BE COMPLETED WITHIN 24 HOURS OF THE FORMATION OF THE STOCKPILE. UPHILL OF STOCKPILES, STABILIZED DITCHES AND/OR BERMS WILL BE CONSTRUCTED TO DIVERT STORMWATER RUNOFF AWAY FROM THE PILES. SIDE SLOPES OF TOPSOIL STOCKPILES SHALL NOT EXCEED 2:1. 7. ALL DITCH BASES TO BE SEEDED SHALL ALSO BE LINED WITH EROSION CONTROL MESH TO STABILIZE THE DITCH CHANNELS UNTIL VEGETATION IS ESTABLISHED. HAY BALE CHECK DAMS AND TEMPORARY MULCHING WILL BE USED TO STABILIZE ANY SECTION OF ROUGH GRADED DITCH THAT WILL NOT BE FINAL GRADED AND PERMANENTLY STABILIZED WITHIN THE NEXT SEVEN (7) DAYS. 2. PRIOR TO GRUBBING OR ANY EARTHMOVING OPERATION, SILTATION FENCE WILL BE INSTALLED AT THE SLOPE ON THE CONTOUR AT THE DOWNHILL LIMIT OF THE WORK AS PROTECTION AGAINST CONSTRUCTION RELATED EROSION. SILTATION FENCE SHALL ALSO BE INSTALLED AT THE DOWNHILL OF THE BASE OF SOIL STOCKPILES. 5. REMOVAL OF TEMPORARY SEDIMENT CONTROL MEASURES SHALL OCCUR WITHIN THIRTY (30) DAYS PERMANENT STABILIZATION. GENERAL CONSTRUCTION DETAILS THIS PLAN HAS BEEN DEVELOPED TO PROVIDE A STRATEGY FOR CONTROLLING SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROPOSED PROJECT. THIS PLAN IS BASED ON STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION IN DEVELOPING AREAS AS CONTAINED IN THE 2003 ONLINE VERSION OF THE MAINE EROSION AND SEDIMENT CONTROL BMP MANUAL FOR THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION. DISTURBED LAND AREA WILL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS AFTER FINAL GRADING STURBED LAND AREA WILL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS AFTER FINAL GRADING LAS BEEN COMPLETED. WHEN IT IS NOT POSSIBLE OR PRACTICAL TO PERMANENTLY STABILIZE DISTURBED AND, TEMPORARY EROSION CONTROL MEASURES WILL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS OF EXPOSURE OF SOIL. TEMPORARY EROSION CONTROL MEASURES SHALL INCLUDE AT A MINIMUM THE APPLICATION OF WOOD FIBER MULCH AT A RATE OF 75—90 LBS PER 1000 SF BY THE WET APPLICATION METHOD AS OUTLINED IN SECTION 02270 OF THE CONTRACT SPECIFICATIONS. WITHIN 75 THE WET APPLICATION AREAS (INLCUDING LAKES AND STREAMS), APPLY MULCH WITHIN 48 HOURS, OR PRIOR ONLY STORM EVENT, WHICHEVER IS FIRST. . ALL MULCHES SHALL BE INSPECTED PERIODICALLY, PARTICULARLY AFTER RAINFALL. 0% OF THE DISTURBED AREA IS COVERED, ADDITIONAL MULCH WILL BE SPREAD. EQUIPMENT ANTICIPATED TO BE USED FOR CONSTRUCTION MAY INCLUDE THE FOLLOWING: EXCAVATOR, KHOE, BULLDOZER, LOADER, TRENCHER, TRUCKS, COMPACTOR, AND PAVER. INTENSIVE ON-SITE INTENSIVE ON-SITE INTENSIVE ON-SITE ON THE FOLLOWING METHODS WILL BE UNDERTAKEN TO WILL MAXIMUM PROTECTION TO THE SOIL, WATER, AND ABUTTING LANDS: MAINE EROSION AND SEDIMENTATION CONTROL BMP A-3 AREAS WHICH HAVE BEEN TEMPORARILY OR PERMANENTLY SEEDED SHALL BE MULCHED IMMEDIATELY OWING SEEDING. ALL SILTATION FENCE WIL BE INSPECTED BY THE CONTRACTOR ON A WEEKLY BASIS, FOLLOWING ANY IFICANT RAINFALL (1/2 INCH OR MORE) OR SNOWMELT, OR DAILY DURING PROLONGED RAINFALL. ALL AGED SILTATION FENCE WILL BE REPAIRED AND/OR REPLACED IMMEDIATELY. TRAPPED SEDIMENT WILL REMOVED BEFORE IT HAS ACCUMULATED TO ONE HALF OF THE INSTALLED SILTATION FENCE HEIGHT. ATION FENCE NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION WILL ALSO BE REPAIRED OR REPLACED AS NECESSARY. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILTATION DE OR FILTER BARRIER IS NO LONGER REQUIRED SHOULD BE INCORPORATED INTO THE EXISTING DE, SEEDED AND MULCHED. TEMPORARY SILTATION CONTROL RISERS SHALL BE INSTALLED AT ALL EXISTING CULVERT/RMDRAIN INLET LOCATIONS. SEE MAINE EROSION AND SEDIMENTATION CONTROL BMP B-3. AND REVEGETATION LINED WITH STONE RIPRAP. RIPRAP, OR, ALTERNATIVELY: APPLIED PERIOD IS FROM PLAN BE TO A DEPTH OF 4 INCHES NOVEMBER 7 WILL BE PLACED AT ALL STORMDRAIN INLETS SEE ALSO MAINE EROSION AND SEDIMENTATION OT FOR DETAILS (150 LBS RUCTED AND STABILIZED. ALL SLC LCHED (PAST SEPTMEMBER 15, MUI AND HEAVY GRADE MATS AND SLOPES GREATER THAN 12:1 AND \overline{S} SEPTEMBER 15. ON THE INDICATED, FOLLOWING: IRRIGATION IF LESS AND GRADED THAN 9 ACROSS ТО HAY-BALE RP RAP INLET DETAIL THE ENGINEER DITCH EROSION CONTROL $\frac{\text{SECTION}\left(3\right)}{(7-5)}$ INSTALL EROSION CONTRO TO TOP OF DITCH.
SEE DETAIL THIS SHEET CHECK **EXISTING**CASTINGS DAM/ Z PROTECTION

NOT TO SCAL RIPRAP OUTFALL SECTION (:생) USE REBAR OR STEEL ROD AS HANDLES FOR REMOVAL N PAVED OR EAS WITHIN TO THE SITE CRITICAL POINTS

A. OVERLAPS AND SEAMS

B. PROJECTED WATER LINE

C. CHANNEL BOTTOM/SIDE SLOPE VERTICES HAY BALES STAKED WITH 2 STAKES PER BALE 2. BEGIN X 6" BEGIN AT THE TOP OF THE CHANNEL BY ANCHORIN X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF UP—SLOPE PORTION OF THE TRENCH. ANCHOR THIS STAPLES/STAKES APPROXIMATELY 12" APART IN 1 BACKFILL AND COMPACT THE TRENCH AFTER STAPL SOIL AND FOLD REMAINING 12" PORTION OF BLANKI COMPACTED SOIL. SECURE BLANKET OVER COMPACT STAPLES/STAKES SPACED APPROXIMATELY 12" APBLANKET. IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2"-5" (DEPENDING ON BLANKET TYPE) AND STAPLED. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITHE COLORED SEAM STITCH ON THE BLANKET BEING OVERLAPPED. HAY-BALE SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET

DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5%) WHERE

SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 cfs) ARE TYPICAL. CATCH BASIN WITH GRATE DROP SILTATION FENCE NOT TO SCALE ORING THE BLANKET IN A 6" DEEP
OF BLANKET EXTENDED BEYOND THE
R THE BLANKET WITH A ROW OF
IN THE BOTTOM OF THE TRENCH.
STAPLING. APPLY SEED TO COMPACTED
LANKET BACK OVER SEED AND
MPACTED SOIL WITH A ROW OF
APART ACROSS THE WIDTH OF THE RUNOFF WATER WITH SEDIMENT SEDIMENT OSE SOIL CONDITIONS, THE USE OF LE OR STAKE LENGTHS GREATER THAN 6"BE NECESSARY TO PROPERLY ANCHOR THE KETS. **FENCE** DETAIL (6) FILTER(, C7-5) PLE SPACING SHOULD BE SSARY TO ALLOW STAPLES TO ICAL POINTS ALONG THE -STAKED HAY BALE 9 NOTE:
TO BE USED IN PAVED OR
DISTURBED AREAS WITHIN
AND ADJACENT TO THE
CONSTRUCTION SITE

SEEDING

AS NOTED Name
HEET C7-5
WD By
DPN
Cked By
JEM C7-5 NO SOLVEN

EROSION CHANNEL INS

N CONTROL MESH
INSTALLATION DETAIL 8
NOT TO SCALE C7-5

EROSION & SEDIMENTATION CONTROL NOTES AND DETAILS

INTERNATIONAL JETPORT

PORTLAND

DEPARTMENT OF WATERFRONT AND TRANSPORTATION

CITY OF PORTLAND PORTLAND, MAINE

CONFORMED SET FOR FIELD USE

1001 WESTBROOK ST.,
PORTLAND, MAINE

PHASE II PARKING GARAGE

BY NOVEMBER 15— THE DISTURBED

HAY MULCH WILL

If this sheet is less than 30"x42" in size, it has been reduced. Graphic scales must be adjusted accordingly.

1040€

1/8"=1"

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