ABATEMENT AND DEMOLITION OF THE FORMER FORSTER MILL

581 DEPOT STREET

WILTON, MAINE

ENGINEER:

RANSOM
Consulting Engineers and Scientists

400 Commercial Street, Suite 404
Portland, ME 04101
Tel. (207) 772-2891
Fax (207) 772-3248
www.ransomenv.com

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UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
5 POST OFFICE SQUARE #100
BOSTON, MA 02109

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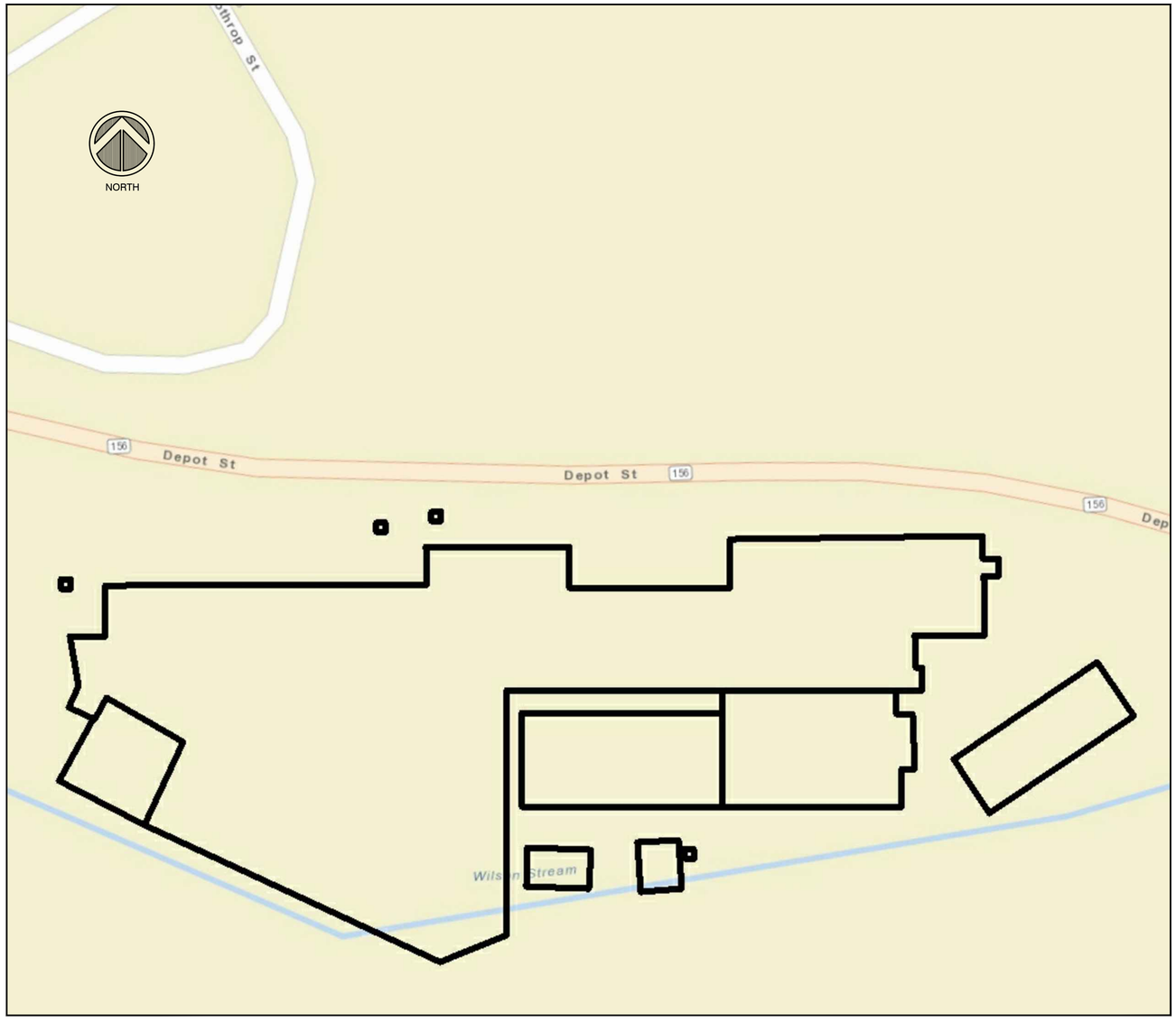
MAINE DEPARTMENT OF
ECONOMIC AND COMMUNITY
DEVELOPMENT
59 STATE HOUSE STATION
AUGUSTA, MAINE 04333

ON BEHALF OF:

TOWN OF WILTON
158 WELD ROAD
WILTON, MAINE



SHEET INDEX:

PAGE	SHEET	DESCRIPTION
1	-	COVER SHEET
2	C1.0	DEMOLITION PLAN
3	C2.0	EROSION CONTROL DETAILS AND GENERAL NOTES

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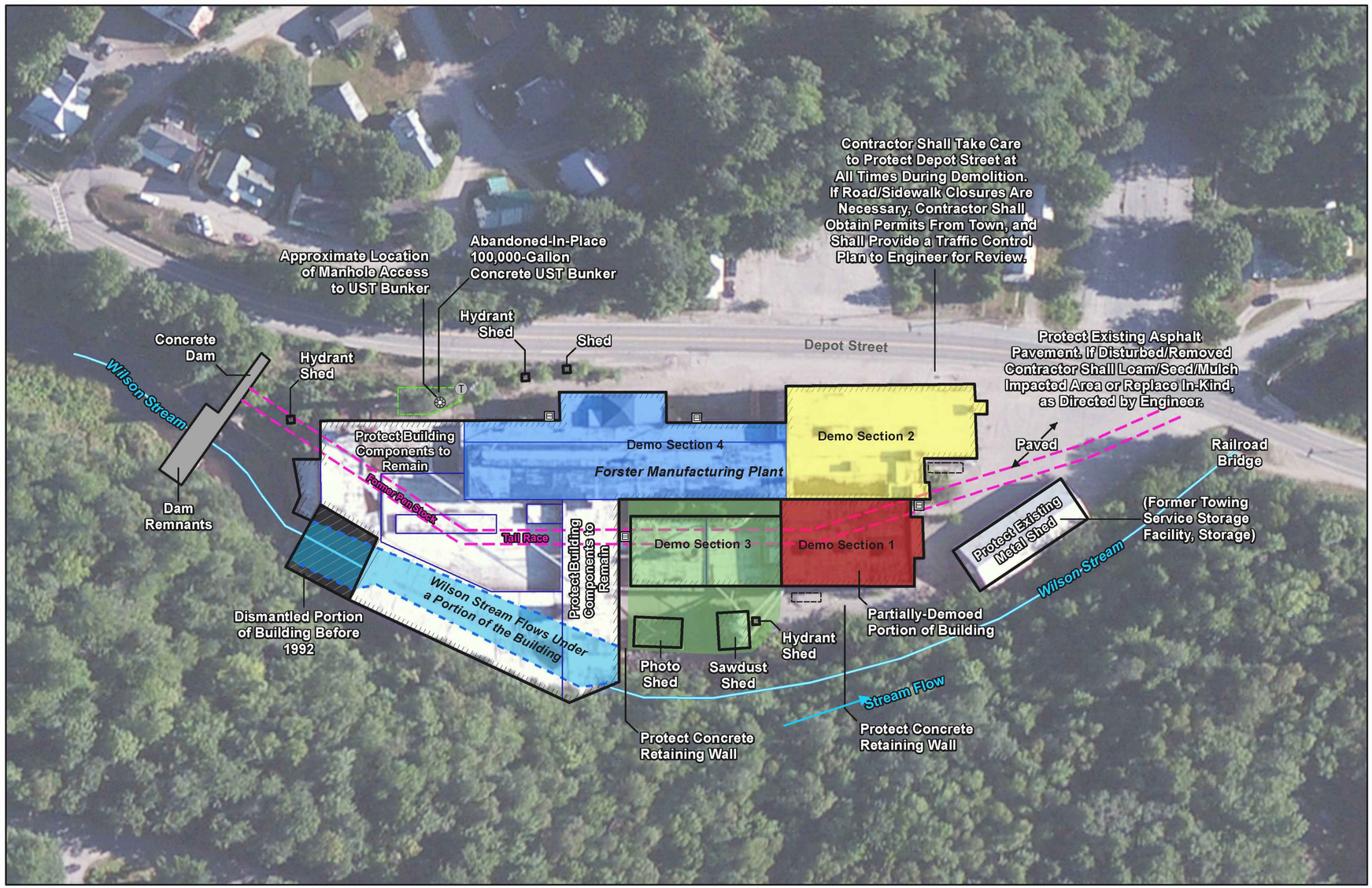

BUILDING DEMOLITION AND ABATEMENT NOTES:

1. THE CONTRACTOR SHALL ABATE HAZARDOUS BUILDING MATERIALS PRESENT IN THE SITE BUILDING PRIOR TO DEMOLITION. THIS INCLUDES REMOVAL AND DISPOSAL OF ASBESTOS-CONTAINING BUILDING MATERIALS AND MANAGEMENT OF LEAD-BASED PAINT AS IDENTIFIED IN THE HAZARDOUS MATERIALS INVENTORY REPORT (SEE PROJECT SPECIFICATIONS FOR COPY OF THIS INVENTORY). THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING AND DETERMINING THE ACTUAL QUANTITIES OF ASBESTOS-CONTAINING MATERIALS REQUIRING ABATEMENT, REMOVAL, AND OFF-SITE DISPOSAL. UNIVERAL AND HAZARDOUS WASTES HAVE PREVIOUSLY BEEN REMOVED FROM THE SITE BUILDING.
2. THE CONTRACTOR SHALL ABATE ALL IDENTIFIED ASBESTOS IN THE SITE BUILDING AND PROVIDE DOCUMENTATION OF PROPER HANDLING, TRANSPORT, AND DISPOSAL TO THE ENGINEER FOLLOWING THE COMPLETION OF ABATEMENT ACTIVITIES. THE CONTRACTOR SHALL PROPERLY TRANSPORT AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH STATE OF MAINE AND FEDERAL GUIDELINES.
3. THE CONTRACTOR SHALL NOTIFY THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION OF THE INTENT TO REMOVE ASBESTOS-CONTAINING MATERIALS FROM THE SITE BUILDING ON BEHALF OF THE OWNER AND OBTAIN NECESSARY PERMITS AND WAIVERS, AS APPLICABLE.
4. THE CONTRACTOR SHALL DEVELOP AN ASBESTOS ABATEMENT DESIGN IN ACCORDANCE WITH MAINE DEP CHAPTER 425 (ASBESTOS MANAGEMENT REGULATIONS) FOR REMOVAL OF ASBESTOS-CONTAINING BUILDING MATERIALS, INCLUDING A PLAN IDENTIFYING THE SEQUENCE OF EVENTS AND SCHEDULE FOR THE WORK.
5. THE CONTRACTOR SHALL OBTAIN NECESSARY DEMOLITION AND REMOVAL PERMITS FROM THE TOWN OF WILTON, MAINE AND COORDINATE WITH NECESSARY UTILITIES, INCLUDING CABLE, ELECTRIC, WATER, SEWER.
6. DISCONNECT AND CAP UTILITIES AS NECESSARY. PROVIDE DOCUMENTATION TO ENGINEER THAT UTILITIES HAVE BEEN DISCONNECTED, AS WELL AS CORRESPONDENCE FROM AFFECTED UTILITIES PROVIDING CLEARANCE/ACCEPTANCE.
7. THE CONTRACTOR SHALL PREPARE A DEMOLITION PLAN IDENTIFYING THE SCHEDULE AND SEQUENCE OF EVENTS FOR THE PROJECT, INCLUDING A DESCRIPTION OF EVENTS AND STRATEGIES FOR PROTECTING UTILITIES, PROPERTIES, AND RIGHT OF WAYS ADJACENT TO THE SITE BUILDINGS.
8. THE CONTRACTOR SHALL PROVIDE AND SET UP NECESSARY ENVIRONMENTAL AND ENGINEERING CONTROLS TO CONTAIN POTENTIALLY HAZARDOUS DUSTS FROM IMPACTING THE PUBLIC, WORKERS AT THE SITE, OR OCCUPANTS OF ADJACENT PROPERTIES.
9. PROPERLY TRANSPORT AND DISPOSE OF ALL DEMOLITION DEBRIS IN ACCORDANCE WITH STATE OF MAINE AND FEDERAL GUIDELINES, AND PROVIDE DOCUMENTATION OF PROPER HANDLING, TRANSPORT, AND DISPOSAL OF CONSTRUCTION AND DEMOLITION DEBRIS TO THE ENGINEER FOLLOWING THE COMPLETION OF DEMOLITION ACTIVITIES.
10. IT IS THE INTENT OF THE TOWN TO RECYCLE OR SALVAGE, TO GREATEST EXTENT PRACTICAL, THE DEMOLITION MATERIAL PRODUCED DURING THIS PROJECT. THE SELECTED CONTRACTOR SHALL SUBMIT A RECYCLING PLAN IDENTIFYING MATERIALS THAT THE CONTRACTOR WILL BE RECYCLING, AND THE OFF-SITE FACILITY THAT WILL BE ACCEPTING THE RECYCLED MATERIAL. THE RECYCLING PLAN SHALL INCLUDE A SCHEDULE OF ESTIMATED QUANTITIES OF MATERIALS AND DISPOSAL/RECYCLING MEANS.
11. FLOOR DRAINS ARE PRESENT THROUGHOUT THE BASEMENT OF THE SITE BUILDING. ALL FLOOR DRAINS AND SUMPS SHOULD BE PROPERLY DECOMMISSIONED AND PERMANENTLY CLOSED BY FILLING WITH CONCRETE.

DEMOLITION TASKS SHALL CONSIST OF THE FOLLOWING:

DEMO SECTION 1:
- ABATE ACM IDENTIFIED IN WINDOWS
- ABATE ACM IN ROOFING MATERIALS WHICH REMAIN
- DEMOLISH BUILDING COMPONENTS TO GRADE (BUILDING SLAB TO REMAIN)
- REMOVE DEMOLITION BYPRODUCTS AND CONSTRUCTION DEBRIS PRESENT ON GROUND SURFACE
- ENSURE STRUCTURAL STABILITY OF BUILDING TO REMAIN

DEMO SECTION 2:
- ABATE ACM IDENTIFIED IN WINDOWS
- ABATE ACM PRESENT IN ROOFING MATERIALS (MAY BE DONE AFTER THE ROOF HAS BEEN DEMOLISHED/BROUGHT TO GROUND)
- DEMOLISH BUILDING COMPONENTS TO GRADE.
- BUILDING SLAB TO REMAIN. NORTHERN BASEMENT WALL TO REMAIN. INSTALL FENCING ALONG TOP OF REMAINING BASEMENT WALL TO REDUCE FALL RISK.
- REMOVE DEMOLITION BYPRODUCTS
- DECOMMISSION FLOOR DRAINS
- ENSURE STRUCTURAL STABILITY OF BUILDING TO REMAIN

DEMO SECTION 3:
- ABATE ACM IDENTIFIED IN WINDOWS
- ABATE ACM PRESENT IN ROOFING MATERIALS (MAY BE DONE AFTER THE ROOF HAS BEEN DEMOLISHED/BROUGHT TO GROUND)
- DEMOLISH BUILDING COMPONENTS. DEMOLISH BUILDING SLAB. DEMOLISH SAWDUST SHED, PHOTO SHED, AND HYDRANT SHED.
- ASPHALT PAVEMENT TO REMAIN
- REMOVE DEMOLITION BYPRODUCTS AND CONSTRUCTION DEBRIS PRESENT ON GROUND SURFACE
- BACKFILL WITH CLEAN FILL TO GRADE AS NECESSARY. LOAM/SEED/MULCH EXPOSED SOIL.
- ENSURE STRUCTURAL STABILITY OF BUILDING TO REMAIN

DEMO SECTION 4:
- ABATE ACM IDENTIFIED IN WINDOWS
- ABATE ACM PRESENT IN ROOFING MATERIALS (MAY BE DONE AFTER THE ROOF HAS BEEN DEMOLISHED/BROUGHT TO GROUND)
- DEMOLISH BUILDING COMPONENTS TO GRADE. DEMOLISH HYDRANT SHEDS AND OUTBUILDINGS BETWEEN THIS SECTION OF THE BUILDING AND DEPOT STREET.
- BUILDING SLAB TO REMAIN. NORTHERN BASEMENT WALL TO REMAIN. INSTALL FENCING ALONG TOP OF REMAINING BASEMENT WALL TO REDUCE FALL RISK.
- REMOVE DEMOLITION BYPRODUCTS
- DECOMMISSION FLOOR DRAINS
- REMOVE DEBRIS FROM LARGE CENTRAL SUMPS IN FLOOR. DECOMMISSION DRAINS WHICH LEAD TO/FROM SUMPS. INSTALL PLYWOOD FLOORING OVER HOLES TO ELIMINATE FALL RISK.
- ENSURE STRUCTURAL STABILITY OF BUILDING TO REMAIN

Site:

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WILTON, MAINE

Prepared for:

TOWN OF WILTON
158 WELD ROAD
WILTON, MAINE

STATE OF MAINE
JAIME L. MADORE #11459
PROFESSIONAL LICENSED ENVIRONMENTAL ENGINEER

ENVIRONMENTAL ENGINEER:
JAIME L. MADORE, PE# 11459
400 COMMERCIAL STREET, SUITE 404
PORTLAND, ME 04101
207-772-2891

RANSOM
Consulting Engineers and Scientists
400 Commercial Street, Suite 404
Portland, ME 04101
Tel. (207) 772-2891
Fax (207) 772-3248
www.ransomenv.com

DEMOLITION PLAN

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EROSION CONTROL NOTES

EROSION CONTROL MEASURES AND SITE STABILIZATION

THE PRIMARY EMPHASIS OF THE EROSION AND SEDIMENT CONTROL PLAN IS AS FOLLOWS:

- RAPID VEGETATION OF EXPOSED AREAS TO MINIMIZE THE PERIOD OF SOIL EXPOSURE.
- RAPID STABILIZATION OF DRAINAGE PATHS TO AVOID CHANNEL EROSION.
- THE USE OF ON-SITE MEASURES TO CAPTURE SEDIMENT (HAY BALES, STONE CHECK DAMS, SILT FENCE, SILT SAC, PLUNGE POOL, ETC.)
- DEVELOPMENT OF A CAREFUL CONSTRUCTION SEQUENCE.

THE FOLLOWING TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL DEVICES WILL BE IMPLEMENTED AS PART OF THE SITE DEVELOPMENT. THESE DEVICES SHALL BE INSTALLED AS INDICATED ON THE PLANS OR AS DESCRIBED WITHIN THIS REPORT. FOR FURTHER REFERENCE, SEE THE MAINE EROSION AND SEDIMENT CONTROL BMPs, MARCH 2003.

PROTECTED NATURAL RESOURCES

CARE SHALL BE TAKEN TO PROTECT THE ADJACENT WILSON STREAM. EROSION CONTROL AND SEDIMENTATION CONTROL DEVICES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. NO WORK SHALL BE CONDUCTED WITHIN 100 FEET OF THE STREAM EDGE WITHOUT ADEQUATE AND ENGINEER-APPROVED EROSION CONTROL MEASURES IN PLACE. THE CONTRACTOR SHALL ENSURE NO CONTAMINATION FROM IMPACTED SOILS, RUNOFF, EXCAVATION EQUIPMENT, OR OTHER SOURCES DISCHARGES TO THE STREAM.

TEMPORARY EROSION CONTROL MEASURES

THE FOLLOWING MEASURES ARE PLANNED AS TEMPORARY EROSION & SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION. THESE TEMPORARY EROSION CONTROL MEASURES SHOULD BE REMOVED WITHIN 30 DAYS AFTER PERMANENT STABILIZATION HAS BEEN ESTABLISHED.

1. CRUSHED STONE-STABILIZED CONSTRUCTION ENTRANCES SHALL BE PLACED AT SITE ENTRANCES.

2. SILTATION FENCE OR WOOD WASTE COMPOST BERMS (EROSION CONTROL BERM) SHALL BE INSTALLED DOWNSTREAM OF ANY DISTURBED AREAS TO TRAP RUNOFF BORNE SEDIMENTS UNTIL THE TRIBUTARY AREAS ARE VEGETATED. THE SILT FENCE AND/OR THE EROSION CONTROL BERMS SHALL BE INSTALLED PER THE DETAILS PROVIDED AND INSPECTED REGULARLY, INCLUDING BEFORE AND AFTER A STORM EVENT OF 0.5 INCHES OR GREATER. REPAIRS SHALL BE MADE IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BELOW THE FENCE OR BERM LINE. IF THERE ARE SIGNS OF UNDERCUTTING AT THE CENTER OR THE EDGES, OR IMPOUNDING OF LARGE VOLUMES OF WATER BEHIND FENCE OR BERM, THE BARRIER SHALL BE REPLACED WITH A STONE CHECK DAM.

3. STRAW, HAY MULCH AND HYDROSEEDING IS INTENDED TO PROVIDE COVER FOR BARE OR SEEDED AREAS UNTIL VEGETATION IS ESTABLISHED AND SHOULD BE APPLIED WITHIN 7 DAYS AT A RATE OF 90 POUNDS PER 1,000 SQUARE FEET. MULCH PLACED BETWEEN APRIL 15TH AND SEPEMBER 30TH (ON SLOPES OF LESS THEN 15%) SHALL BE ANCHORED BY APPLYING WATER. MULCH PLACED ON SLOPES OF EQUAL TO OR STEEPER THAN 15% SHALL BE COVERED BY FABRIC NETTING AND ANCHORED WITH STAPLES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION. SLOPES STEEPER THAN 3:1 SHALL RECEIVE EROSION CONTROL BLANKETS.

5. STATE AND LOCAL ROADS SHALL BE SWEPT TO CONTROL MUD AND DUST AS NECESSARY. ADDITIONAL STONE SHALL BE ADDED TO THE STABILIZED CONSTRUCTION ENTRANCE TO MINIMIZE THE TRACKING OF MATERIAL OFF THE SITE AND ONTO THE SURROUNDING ROADWAYS.

7. SILT FENCE HAS A MINIMUM STAKE SPACING OF 6 FEET, UNLESS THE FENCE IS SUPPORTED BY WIRE FENCE REINFORCEMENT (MINIMUM 14 GAUGE AND WITH A MAXIMUM MESH SPACING OF 6 INCHES), IN WHICH CASE STAKES MAY BE SPACED A MAXIMUM OF 10 FEET APART. THE BOTTOM OF THE FENCE MUST BE ANCHORED. SEE DETAIL ON PLAN SET.

8. STORM DRAIN CATCH BASIN INLET PROTECTION SHALL BE PROVIDED THROUGH THE USE OF STONE SEDIMENT BARRIERS OR APPROVED SEDIMENT BAGS (SUCH AS SILT SACK). INSTALLATION DETAILS ARE PROVIDED IN THE PLAN SET. THE BARRIERS SHALL BE INSPECTED AFTER EACH RAINFALL AND REPAIRS MADE AS NECESSARY. SEDIMENT SHALL BE REMOVED AND THE BARRIER RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO HALF THE DESIGN DEPTH OF THE BARRIER. THE BARRIER SHALL BE REMOVED WHEN THE TRIBUTARY DRAINAGE AREA HAS BEEN STABILIZED.

9. WATER AND/OR CALCIUM CHLORIDE SHALL BE FURNISHED AND APPLIED IN ACCORDANCE WITH MDOT SPECIFICATIONS-SECTION 637-DUST CONTROL.

10. LOAM AND SEED IS INTENDED TO SERVE AS THE PRIMARY PERMANENT VEGETATIVE MEASURE FOR ALL BARE AREAS NOT PROVIDED WITH OTHER EROSION CONTROL MEASURES, SUCH AS RIPRAP.

PERMANENT EROSION CONTROL MEASURES

THE FOLLOWING PERMANENT EROSION CONTROL MEASURES HAVE BEEN DESIGNED AS PART OF THE EROSION/SEDIMENTATION CONTROL PLAN:

12. ALL AREAS DISTURBED DURING CONSTRUCTION, BUT NOT SUBJECT TO OTHER RESTORATION (PAVING, RIPRAP, ETC.) WILL BE LOAMED, LIMED, FERTILIZED, MULCHED AND SEEDED. ALL EXPOSED SOIL WHICH WILL REMAIN FOR 1 YEAR AFTER COMPLETION OF CONSTRUCTION SHALL BE MULCHED USING EROSION CONTROL MIX AS SPECIFIED IN MAINE DOT SECTION 619 OR SHALL BE LOAMED AND SEEDED.

IMPLEMENTATION SCHEDULE

THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE REQUIRED TO INSURE THE EFFECTIVENESS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES ARE OPTIMIZED:
NOTE: THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION NOT TO OVEREXPOSE THE SITE BY LIMITING THE DISTURBED AREA. THE CONSTRUCTION OF BMPs SHOULD EITHER BE PERFORMED AFTER THE TRIBUTARY AREA IS STABILIZED OR TEMPORARY EROSION CONTROL MEASURES NEED TO BE IMPLEMENTED TO PROTECT THE BMPs FROM BEING CLOGGED WITH CONSTRUCTION SEDIMENT.

13. INSTALL CRUSHED STONE TO STABILIZED CONSTRUCTION ENTRANCES.

14. INSTALL PERIMETER SILT FENCE OR EROSION CONTROL BERMS.

15. COMMENCE SITEWORK.

16. LOAM, LIME, FERTILIZE, SEED AND MULCH DISTURBED AREAS AND COMPLETE ALL LANDSCAPING.

17. ONCE THE SITE IS STABILIZED AND A 90% CATCH OF VEGETATION HAS BEEN OBTAINED, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

18. TOUCH UP LOAM AND SEED.

NOTE: ALL BARE AREAS NOT SUBJECT TO FINAL PAVING, RIPRAP OR GRAVEL; SHALL BE VEGETATED.

PRIOR TO CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT TO THE OWNER A SCHEDULE FOR THE COMPLETION OF THE WORK, WHICH WILL SATISFY THE ABOVE CONSTRUCTION SEQUENCE IN THE SPECIFIED ORDER, HOWEVER, SEVERAL SEPARATE ITEMS MAY BE CONSTRUCTED SIMULTANEOUSLY. WORK MUST ALSO BE SCHEDULED OR PHASED TO REDUCE THE EXTENT OF THE EXPOSED AREAS AS SPECIFIED BELOW. THE INTENT OF THIS SEQUENCE IS TO PROVIDE FOR EROSION CONTROL AND TO HAVE STRUCTURAL MEASURES SUCH AS SILT FENCE AND CONSTRUCTION ENTRANCES IN PLACE BEFORE LARGE AREAS OF LAND ARE STRIPPED.

EROSION, SEDIMENTATION AND STABILIZATION CONTROL PLAN

THE EROSION CONTROL PLAN IS INCLUDED IN THE PLAN SET.

WINTER STABILIZATION PLAN

THE WINTER CONSTRUCTION PERIOD IS FROM NOVEMBER 1 THROUGH APRIL 15. IF THE CONSTRUCTION SITE IS NOT STABILIZED WITH PAVEMENT, A ROAD GRAVEL BASE, 75% MATURE VEGETATION COVER OR RIPRAP BY NOVEMBER 15TH, THEN THE SITE SHALL BE PROTECTED WITH OVER-WINTER STABILIZATION.

WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT ANY AREA LEFT EXPOSED CAN BE CONTROLLED BY THE CONTRACTOR. EXPOSED AREAS SHALL BE LIMITED TO THOSE AREAS IN WHICH WORK IS EXPECTED TO COMMENCE AND COMPLETE IN THE NEXT FIFTEEN (15) DAYS AND THAT CAN BE MULCHED WITHIN ONE DAY PRIOR TO ANY SNOW EVENT.

ALL AREAS SHALL BE CONSIDERED TO BE BARE UNTIL THE SUBBASE GRAVEL IS INSTALLED WITHIN PAVEMENT/BUILDING AREAS OR THE AREAS HAVE BEEN LOAMED, SEEDED AND MULCHED. HAY AND STRAW MULCH RATE SHALL BE A MINIMUM OF 150 POUNDS PER 1,000 SQUARE FEET (3 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED.

THE CONTRACTOR SHALL INSTALL ANY ADDED MEASURES, WHICH MAY BE NECESSARY TO CONTROL EROSION/SEDIMENTATION FROM THE SITE DEPENDENT UPON THE ACTUAL SITE AND WEATHER CONDITIONS. CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED, IN ORDER TO MINIMIZE AREAS WITHOUT EROSION CONTROL PROTECTION.

19. NATURAL RESOURCE PROTECTION
ANY AREAS WITHIN 75 FEET FROM ANY NATURAL RESOURCES, IF NOT STABILIZED WITH A MINIMUM OF 90% MATURE VEGETATION CATCH, SHALL BE MULCHED BY DECEMBER 1ST AND ANCHORED WITH PLASTIC NETTING OR PROTECTED WITH EROSION CONTROL MATS. DURING WINTER CONSTRUCTION, A DOUBLE LINE OF SEDIMENT BARRIERS (I.E. SILT FENCE BUCKED WITH HAY BALES OR EROSION CONTROL MIX) SHALL BE PLACED BETWEEN ANY NATURAL RESOURCE AND THE DISTURBED AREA. PROJECTS CROSSING THE NATURAL RESOURCE SHALL BE PROTECTED A MINIMUM DISTANCE OF 75 FEET ON EITHER SIDE FROM THE RESOURCE. EXISTING PROJECTS NOT STABILIZED BY DECEMBER 1ST SHALL BE PROTECTED WITH THE SECOND LINE OF SEDIMENT BARRIER TO ENSURE FUNCTIONALITY DURING THE SPRING THAW AND RAINS.

20. SEDIMENT BARRIERS
DURING FROZEN CONDITIONS, SEDIMENT BARRIERS SHALL CONSIST OF WOODWASTE FILTER BERMS AS FROZEN SOIL PREVENTS THE PROPER INSTALLATION OF HAY BALES AND SEDIMENT SILT FENCES.

WINTER STABILIZATION PLAN (CONTINUED)

21. MULCHING
AN AREA SHALL BE CONSIDERED BARE UNTIL AREAS OF FUTURE LOAM AND SEED HAVE BEEN LOAMED, SEEDED AND MULCHED. HAY AND STRAW MULCH SHALL BE APPLIED AT A RATE OF 150 LBS. PER 1,000 SQUARE FEET OR 3 TONS/ACRE (TWICE THE NORMAL ACCEPTED RATE OF 75 LBS. PER 1,000 S.F. OR 1.5 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED. MULCH SHALL NOT BE SPREAD ON TOP OF SNOW. THE SNOW SHALL BE REMOVED DOWN TO A ONE INCH DEPTH OR LESS PRIOR TO APPLICATION. AFTER EACH DAY OF FINAL GRADING, THE AREA SHALL BE PROPERLY STABILIZED WITH ANCHORED HAY OR STRAW OR EROSION CONTROL MATTING. AN AREA SHALL BE CONSIDERED TO HAVE BEEN EITHER MULCHED WITH STRAW OR HAY AT A RATE OF 150 LBS. PER 1,000 S.F. (3 TONS/ACRE) AND ADEQUATELY ANCHORED THAT GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH.

BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY PEG LINE, MULCH NETTING, TRACKING OR WOOD CELLULOSE FIBER. WHEN GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH THEN COVER IS SUFFICIENT. AFTER NOVEMBER 1ST, MULCH AND ANCHORING OF ALL BARE SOIL SHALL OCCUR AT THE END OF EACH FINAL GRADING WORKDAY.

22. MULCHING ON SLOPES AND DITCHES
SLOPES SHALL NOT BE LEFT EXPOSED FOR ANY EXTENDED TIME OF WORK SUSPENSION UNLESS FULLY MULCHED AND ANCHORED WITH PEG AND NETTING OR WITH EROSION CONTROL BLANKETS. MULCHING SHALL BE APPLIED AT A RATE OF 230 LBS./1,000 S.F. ON ALL SLOPES GREATER THAN 8%.

MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPES EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 8%. EROSION CONTROL BLANKETS SHALL BE USED IN LIEU OF MULCH IN ALL DRAINAGE WAYS WITH SLOPES GREATER THAN 8%. EROSION CONTROL MIX CAN BE USED TO SUBSTITUTE EROSION CONTROL BLANKETS ON ALL SLOPES EXCEPT DITCHES.

23. SEEDING
BETWEEN THE DATES OF OCTOBER 15TH AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES, FINISHED AREAS SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED WITH A UNIFORM SURFACE, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF THREE TIMES HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED. DORMANT SEEDING MAY BE SELECTED TO BE PLACED PRIOR TO THE PLACEMENT OF MULCH AND FABRIC NETTING ANCHORED WITH STAPLES. IF DORMANT SEEDING IS USED FOR THE SITE, ALL DISTURBED AREAS SHALL RECEIVE 4" OF LOAM AND SEED AT AN APPLICATION RATE OF 5 LBS./1,000 S.F.

ALL AREAS SEEDED DURING THE WINTER SHALL BE INSPECTED IN THE SPRING FOR ADEQUATE CATCH. ALL AREAS INSUFFICIENTLY VEGETATED (LESS THAN 90% CATCH) SHALL BE REVEGETATED BY REPLACING LOAM, SEED AND MULCH. IF DORMANT SEEDING IS NOT USED FOR THE SITE, ALL DISTURBED AREAS SHALL BE REVEGETATED IN THE SPRING.

24. INSPECTION AND MONITORING
MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION SEASON. AFTER EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF, THE SITE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES AND PERFORM REPAIRS AS NEEDED TO INSURE THEIR CONTINUOUS FUNCTION. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDING AND MULCHING, THE CONTRACTOR SHALL IN THE SPRING INSPECT AND REPAIR ANY DAMAGES AND/OR UNESTABLISHED SPOTS. ESTABLISHED VEGETATIVE COVER MEANS A MINIMUM OF 85% TO 90% OF AREAS VEGETATED WITH VIGOROUS GROWTH.

STANDARDS FOR TIMELY STABILIZATION OF CONSTRUCTION SITES DURING WINTER (CONTINUED)

1. STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SOILS BY SEPTEMBER 15TH THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15%. IF THE CONTRACTOR FAILS TO STABILIZE THESE SOILS BY THIS DATE, THEN THE CONTRACTOR SHALL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SOIL FOR LATE FALL AND WINTER.

   STABILIZE THE SOIL WITH TEMPORARY VEGETATION--BY OCTOBER 1ST THE CONTRACTOR SHALL SEED THE DISTURBED SOIL WITH WINTER RYE AT A SEEDING RATE OF 3 LBS./1,00 S.F., LIGHTLY MULCH THE SEEDED SOIL WITH HAY OR STRAW AT 75 LBS./1,000 S.F., AND ANCHOR THE MULCH WITH PLASTIC NETTING. THE CONTRACTOR SHALL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR COVER AT LEAST 75% OF THE DISTURBED SOIL BEFORE NOVEMBER 15TH, THEN THE CONTRACTOR SHALL MULCH THE AREA FOR OVER-WINTER PROTECTION AS DESCRIBED ABOVE.

   STABILIZE THE SLOPE WITH SOD--THE CONTRACTOR SHALL STABILIZE THE DISTURBED SLOPE WITH PROPERLY INSTALLED SOD BY OCTOBER 1ST. PROPER INSTALLATION INCLUDES THE CONTRACTOR PINNING THE SOD ONTO THE SLOPE WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL. THE CONTRACTOR SHALL NOT USE LATE-SEASON SOD INSTALLATION TO STABILIZE SLOPES HAVING A GRADE GREATER THAN 33%.

   STABILIZE THE SLOPE WITH WOODWASTE COMPOST--THE CONTRACTOR SHALL PLACE A SIX-INCH LAYER OF WOODWASTE COMPOST ON THE SLOPE BY NOVEMBER 15TH. PRIOR TO PLACING THE WOODWASTE COMPOST, THE CONTRACTOR SHALL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED SLOPE. THE CONTRACTOR SHALL NOT USE WOODWASTE COMPOST TO STABILIZE SLOPES HAVING GRADES GREATER THAN 50% OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE.

   STABILIZE THE SLOPE WITH STONE RIPRAP--THE CONTRACTOR SHALL PLACE A LAYER OF STONE RIPRAP ON THE SLOPE BY NOVEMBER 15T. THE CONTRACTOR SHALL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY AND TO DESIGN A FILTER LAYER FOR UNDERNEATH THE RIPRAP.

MAINTENANCE OF FACILITIES

THE STORM WATER FACILITIES WILL BE MAINTAINED BY THE CONTRACTOR AT ALL TIMES BY CONTRACT.THE CONTRACT DOCUMENTS WILL REQUIRE THE CONTRACTOR TO DESIGNATE A PERSON RESPONSIBLE FOR MAINTENANCE OF THE SEDIMENTATION CONTROL FEATURES DURING CONSTRUCTION AS REQUIRED BY THE EROSION CONTROL REPORT AND/OR CONSTRUCTION PLANS.

INSPECTION AND MAINTENANCE FREQUENCY AND CORRECTIVE MEASURES: THE FOLLOWING AREAS, FACILITIES AND MEASURES WILL BE INSPECTED AND THE IDENTIFIED DEFICIENCIES WILL BE CORRECTED.

CATCH BASINS:
INSPECT CATCH BASINS TO ENSURE THAT THE CATCH BASINS ARE WORKING IN THEIR INTENDED FASHION AND THAT THEY ARE FREE OF DEBRIS. CLEAN STRUCTURES WHEN SEDIMENT DEPTHS REACH 12" FROM INVERT OF OUTLET. IF THE BASIN OUTLET IS DESIGNED WITH A HOOD TO TRAP FLOATABLE MATERIALS (I.E. SNOUT) CHECK TO ENSURE WATERTIGHT SEAL IS WORKING. AT A MINIMUM, REMOVE FLOATING DEBRIS AND HYDROCARBONS AT THE TIME OF THE INSPECTION.

VEGETATED AREAS:
INSPECT SLOPES AND EMBANKMENT TO IDENTIFY ACTIVE OR POTENTIAL PROBLEMS. TO IDENTIFY ACTIVE OR POTENTIAL PROBLEMS. REPLANT BARE AREAS OR AREAS WITH SPARSE GROWTH. WHERE EROSION IS EVIDENT, ARMOR THE AREA WITH AN APPROPRIATE LINING OR DIVERT THE EROSIVE FLOWS TO ON-SITE AREAS ABLE TO WITHSTAND THE CONCENTRATED FLOWS. THE FACILITIES WILL BE INSPECTED AFTER MAJOR STORMS AND ANY IDENTIFIED DEFICIENCIES WILL BE CORRECTED.

DITCHES, SWALES AND OTHER OPEN STORM WATER CHANNELS: INSPECT TWO TIMES PER YEAR (PREFERABLY IN SPRING AND FALL) TO ENSURE THEY ARE WORKING IN THEIR INTENDED FASHION AND THAT THEY ARE FREE OF SEDIMENT AND DEBRIS. REMOVE ANY OBSTRUCTIONS TO FLOW, INCLUDING ACCUMULATED SEDIMENTS, DEBRIS AND VEGETATED GROWTH. REPAIR ANY EROSION OF THE DITCH LINING.

ROADWAYS AND PARKING SURFACES:
CLEAR ACCUMULATIONS OF DIRT AS NECESSARY.

GENERAL NOTES

GENERAL

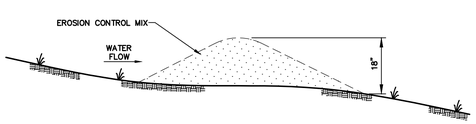
1. ALL WORK SHALL BE DONE IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS.
2. ALL WORK SHALL BE DONE IN AN ORDERLY AND PROFESSIONAL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK TO BE DONE BY SUBCONTRACTORS, LOCAL AUTHORITIES, STATE AGENCIES AND/OR UTILITY COMPANIES.
3. ALL WORK SHALL BE PERFORMED BY PERSONS QUALIFIED IN THEIR TRADE AND LICENSED TO PRACTICE SUCH TRADE IN THE STATE OF MAINE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS AND ALL PRECAUTIONS DURING THE CONSTRUCTION, PROTECTION OF PUBLIC AND WORKERS AND SANITARY PROVISIONS FOR EMPLOYEES AND SUBCONTRACTORS REQUIRED FOR THE DURATION OF THE PROJECT.
5. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS, DIMENSIONS, ELEVATIONS AND SITE CONDITIONS OF EXISTING STRUCTURES, EQUIPMENT, PIPING, ETC. PRIOR TO THE COMMENCEMENT OF ANY WORK. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL ALSO NOTIFY THE ENGINEER OF ANY CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO CONDITIONS SHOWN ON THE DRAWING.
6. THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY CONDITIONS THAT PREVENT THE CONTRACTOR'S COMPLETION OF THE WORK AS SHOWN ON THE PLAN.
7. THE CONTRACTOR SHALL GUARANTEE THAT THE MATERIALS AND WORKMANSHIP ARE FREE OF DEFECTS FOR A PERIOD OF ONE FULL YEAR FROM THE CONSTRUCTION COMPLETION DATE. SHOULD DEFECTS OCCUR WITHIN THIS PERIOD OF TIME, THE CONTRACTOR SHALL REPAIR OR REPLACE THE DEFECTIVE WORK AT NO COST TO THE OWNER.
8. ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICE UNLESS OTHERWISE NOTED.
9. ALL WORK UNDER THIS CONTRACT SHALL OCCUR WITHIN THE SITE PROPERTY BOUNDARY.
10. THESE PLANS, PREPARED BY RANSOM CONSULTING, DO NOT EXTEND TO OR INCLUDE SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR THEIR EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF THE ENGINEER HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED INTO THESE PLANS. THE CONSTRUCTION CONTRACTOR SHALL PREPARE OR OBTAIN THE APPROPRIATE SAFETY SYSTEMS WHICH MAY BE REQUIRED BY THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND/OR LOCAL REGULATIONS.
11. FIELD CHANGES. DURING CONSTRUCTION, THE CONTRACTOR MAY PROPOSE FIELD CHANGES TO THE ENGINEER FOR MINOR CONSTRUCTION-RELATED CHANGES TO THE DESIGN PLANS OR TO ACCOUNT FOR UNEXPECTED SITE CONDITIONS. FIELD CHANGES SHALL BE LIMITED TO CHANGES THAT DO NOT MATERIALLY ALTER THE VISUAL APPEARANCE OF THE PROJECT (SUCH AS BUT NOT LIMITED TO LANDSCAPE DESIGN, OUTDOOR LIGHTING, ETC.) AND THAT DO NOT MATERIALLY ALTER THE APPROVED DESIGN OF THE PROJECT (SUCH AS BUT NOT LIMITED TO LAYOUT, STORM WATER DRAINAGE, ETC.).
12. THE CONTRACTOR SHALL BID AND PERFORM THE WORK IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES, SPECIFICATIONS, REGULATIONS AND STANDARDS.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE SITE AND ALL EXISTING CONDITIONS SURROUNDING IT AND THEREON. THE CONTRACTOR SHALL ADVISE THE APPROPRIATE AUTHORITY OF HIS INTENTIONS AT LEAST 48 HOURS IN ADVANCE.
14. ALL WORK IS TO CONFORM TO THE TOWN OF WILTON OF PUBLIC WORKS AND MAINE D.O.T. STANDARD HIGHWAY SPECIFICATIONS.
15. THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY HIS WORK AT ALL TIMES.
16. PROPERTY LINE AND R.O.W. MONUMENTS SHALL NOT BE DISTURBED BY CONSTRUCTION. IF DISTURBED, THEY SHALL BE RESET TO THEIR ORIGINAL LOCATIONS AT THE CONTRACTOR'S EXPENSE, BY A MAINE REGISTERED LAND SURVEYOR.
17. SITE WORK SHALL BE CONSTRUCTED FROM A COMPLETE SET OF PLANS. NOT ALL FEATURES ARE DETAILED ON EVERY PLAN. THE ENGINEER IS TO BE NOTIFIED OF ANY CONFLICT WITHIN THIS PLAN SET.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING ALL SIGNS AND SIGN POSTS AS REQUIRED. THE CONTRACTOR SHALL REPLACE ALL DAMAGED SIGNS AND SIGN POSTS THAT ARE DAMAGED DURING CONSTRUCTION AT NO COST TO THE TOWN.
19. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING REPRODUCED PLANS. IN CASE OF CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWINGS AND/OR SPECIFICATION, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATIONS.

GRADING NOTES

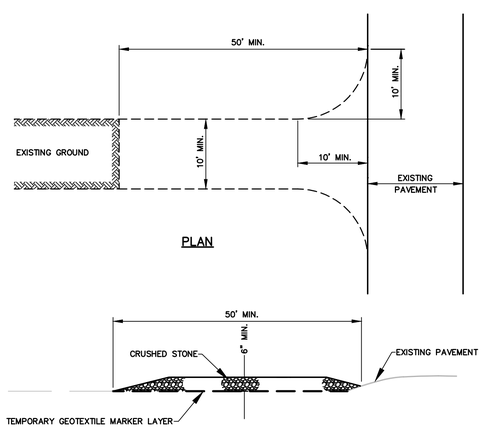
1. VERIFY TBM ELEVATIONS PRIOR TO CONSTRUCTION.
2. TOPSOIL STRIPPED IN AREAS OF CONSTRUCTION THAT IS SUITABLE FOR REUSE AS LOAM (AND WHICH HAS BEEN APPROVED BY THE ENGINEER) SHALL BE STOCKPILED ON SITE AT A LOCATION TO BE DESIGNATED BY THE ENGINEER.
3. THE CONTRACTOR SHALL ANTICIPATE THAT GROUNDWATER MAY BE ENCOUNTERED DURING CONSTRUCTION AND SHALL INCLUDE SUFFICIENT COSTS WITHIN THEIR BID TO PROVIDE DEWATERING AS NECESSARY. NO SEPARATE PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR DEWATERING.

UTILITY NOTES

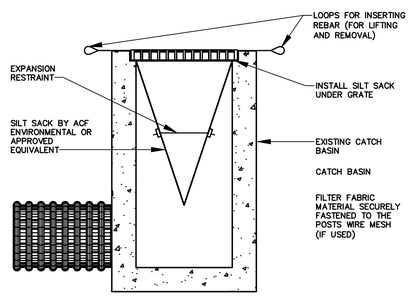
1. UTILITIES AS SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM VARIOUS SOURCES AND THEIR LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE AND ELEVATION OF THESE UTILITIES. PRIOR TO THE START OF ANY CONSTRUCTION, THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND THE PROPOSED ACTION SHALL BE AGREED TO BY THE ENGINEER BEFORE PROCEEDING WITH THE PROPOSED WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACT WITH MAINE DIG SAFE AT 1-888-DIG-SAFE, AT LEAST 72 HOURS BEFORE DIGGING.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANIES AS REQUIRED TO PROTECT, SHORE AND BRACE ALL UTILITY POLES DURING CONSTRUCTION.



EROSION CONTROL MULCH BERM DETAIL
NOT TO SCALE



STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



NOTES:
1. INSTALL SILTSACK PER MANUFACTURER'S RECOMMENDATIONS.
2. SILTSACKS SHALL BE CHECKED FOR SEDIMENT LEVEL AND OVERALL CONDITION IMMEDIATELY AFTER EVERY RAIN EVENT AND AT LEAST EVERY DAY DURING PROLONGED RAINFALL.
3. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE SILTSACK. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT WILL NOT ERODE.
4. SEDIMENT SHALL ONLY BE REMOVED BY REMOVING THE SILTSACKS FROM THE CATCH BASINS ACCORDING TO MANUFACTURER RECOMMENDATIONS.
6. CARE SHALL BE TAKEN TO AVOID SPILLING SEDIMENT WHILE REMOVING THE SILTSACK.
7. ANY DAMAGED SILTSACK SHALL BE REPLACED WITH A NEW SILTSACK.

INLET PROTECTION - SILT SACK
NOT TO SCALE

Site:

ABATEMENT AND DEMOLITION OF THE FORSTER MILL
581 DEPOT STREET
WILTON, MAINE

Prepared for:

TOWN OF WILTON
158 WELD ROAD
WILTON, MAINE

STATE OF MAINE
JAIME L. MADORE
#11459
REGISTERED PROFESSIONAL ENGINEER

ENVIRONMENTAL ENGINEER:

JAIME L. MADORE, PE# 11459
400 COMMERCIAL STREET, SUITE 404
PORTLAND, ME 04101
207-772-2891

RANSOM
Consulting Engineers and Scientists
400 Commercial Street, Suite 404
Portland, ME 04101
Tel. (207) 772-2891
Fax (207) 772-3248
www.ransomenv.com

EROSION CONTROL DETAILS AND GENERAL NOTES

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Sheet 3 of 3