

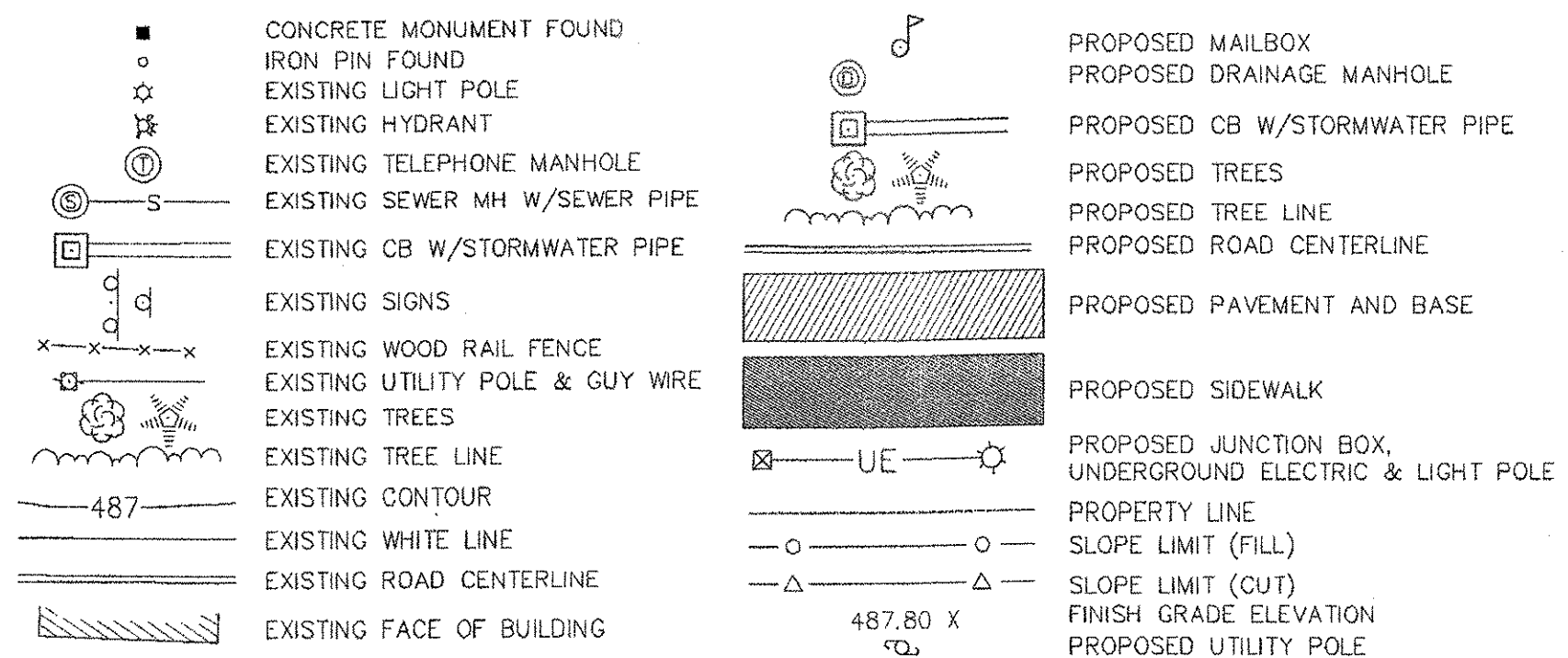
EROSION PREVENTION AND SEDIMENT CONTROL PLAN GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION PREVENTION AND SEDIMENT CONTROL IN ACCORDANCE WITH SECTION 652 OF THE VTTRANS SPECIFICATIONS AND THESE PLANS AND SHALL OBTAIN APPROVAL FROM THE VTTRANS CONSTRUCTION ENGINEER UNDER THE EPSC CHECKLIST PRIOR TO CONSTRUCTION.
- THE OBJECTIVE OF THIS PLAN IS TO (1) MINIMIZE THE AREA OF DISTURBED SOILS AND THE DURATION OF EXPOSURE; (2) PREVENT AND CONTROL EROSION CAUSED BY RUNOFF; AND (3) CONTROL SEDIMENT RESULTING FROM EROSION ON THE CONSTRUCTION SITE.
- A COPY OF THE MEMORANDUM OF AGREEMENT, THE AUTHORIZATION TO DISCHARGE, A BRIEF DESCRIPTION OF THE PROJECT, THE LOCATION WHERE THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN IS AVAILABLE, AND ALL COPIES OF THE EROSION PREVENTION AND SEDIMENT CONTROL MONITORING REPORTS SHALL BE POSTED AT A LOCATION ON THE PROJECT SITE THAT IS ACCESSIBLE TO THE PUBLIC.
- THE ON-SITE COORDINATOR SHALL INSPECT THE EROSION AND SEDIMENT CONTROL MEASURES AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND AS SOON AS POSSIBLE, BUT NO LATER THAN 24 HOURS, AFTER ANY STORM EVENT WHICH GENERATES A DISCHARGE OF STORMWATER FROM THE CONSTRUCTION SITE.
- THE ON-SITE COORDINATOR SHALL KEEP A WRITTEN RECORD OF INSPECTIONS AND ANY MONITORING DATA FOR A MINIMUM OF 3 YEARS FOLLOWING COMPLETION OF CONSTRUCTION. THE RECORDS SHALL NOTE ALL PROBLEM AREAS AND THE MEASURES TAKEN TO CORRECT THOSE PROBLEMS AND PREVENT FUTURE PROBLEMS.
- SEE OTHER PLANS FOR ADDITIONAL INFORMATION, INCLUDING CONSTRUCTION DETAILS, RELATIVE TO EROSION PREVENTION AND SEDIMENT CONTROL.
- IN THE CASE OF AN EMERGENCY STORM RESPONSE, WHEN SIGNIFICANT RUNOFF IS OCCURRING WITHOUT BEING EFFECTIVELY CONTROLLED BY THE MEASURES SHOWN, THE ON-SITE COORDINATOR AND THE SITE CONTRACTOR SHALL RECTIFY THE PROBLEM.

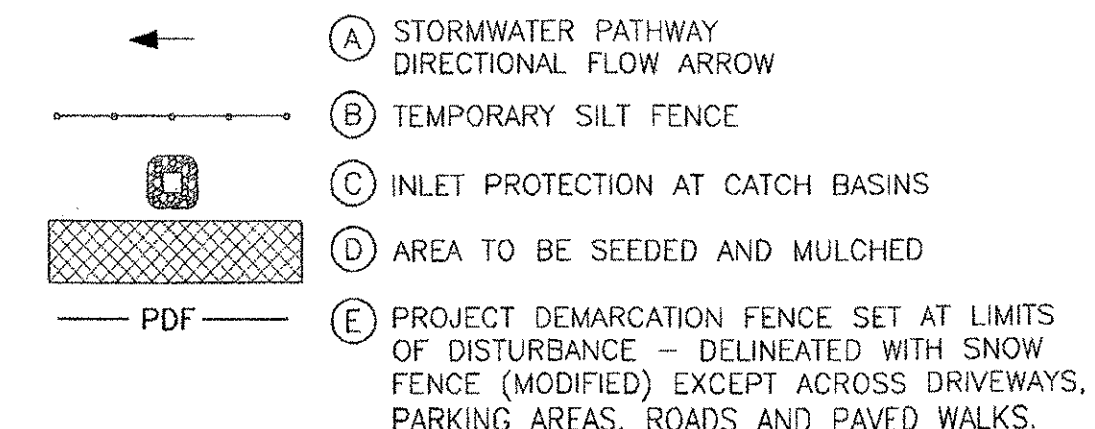
CONSTRUCTION EVENT SEQUENCING

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COMPLETE THE FOLLOWING (PAYMENT SUBSIDIARY TO ITEM 652.10):
 - APPLY FOR AND OBTAIN CO-PERMITTEE STATUS ON THE CONSTRUCTION GENERAL PERMIT.
 - OBTAIN APPROVAL UNDER THE CONSTRUCTION GENERAL PERMIT FOR THE LOCATION OF TOPSOIL STOCKPILES, STAGING AREAS, EQUIPMENT STORAGE, REFUELING/MAINTENANCE AREAS AND STUMP DISPOSAL AREAS.
 - OBTAIN APPROVAL UNDER THE CONSTRUCTION GENERAL PERMIT FOR THE LOCATION OF DISPOSAL AREAS FOR EXCESS SOILS.
 - REVIEW THE CONSTRUCTION TIMETABLE SUBMITTED IN THE APPLICATION FOR THE CONSTRUCTION GENERAL PERMIT AND SHALL OBTAIN APPROVAL FOR ANY NECESSARY MODIFICATIONS TO THAT TIMETABLE.
- PROTECT THE ENDANGERED AND THREATENED SPECIES WITH PROTECTIVE FENCING.
- IF A CONSTRUCTION GENERAL PERMIT IS REQUIRED, THE AREA OF DISTURBED SOILS AND THE DURATION OF EXPOSURE OF THE DISTURBED SOILS SHALL BE MINIMIZED. TO ACCOMPLISH THIS, WORK EFFORT SHOULD BE FOCUSED ON THE COMPLETION AND STABILIZATION OF ONE WORK ITEM COMPONENT BEFORE PROCEEDING TO THE NEXT WORK ITEM COMPONENT. SEE THE TABLE ON THIS SHEET FOR MAJOR SITE WORK STABILIZATION MILESTONES.
- FOR CONSTRUCTION OF THE SIDEWALK AND UTILITIES ONLY THAT AREA NECESSARY FOR INSTALLATION SHALL BE DISTURBED.
- THE LIMITS OF DISTURBANCE WILL BE MARKED BY SNOW FENCING (MODIFIED PDF). EXISTING VEGETATION OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE LEFT UNDISTURBED. THE AREA CLEARED/GRUBBED SHALL BE MINIMIZED TO MAINTAIN EXISTING VEGETATION WHERE POSSIBLE.
- IN OPEN AREAS, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO GRUBBING. (STABILIZED CONSTRUCTION AT ENTRANCE TO STAGING AREA, DIVERSION SWALES, SILT FENCE, STONE CHECK DAMS, STONE FILTERS - SEE PLAN)
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AS NOTED ABOVE AND SHALL BE PROMPTLY REPAIRED, REPLACED, OR ADDITIONAL MEASURES TAKEN TO CORRECT DEFICIENCIES.
- FOLLOWING CLEARING AND GRUBBING, THE TOPSOIL SHALL BE STOCKPILED. THE TOPSOIL STOCKPILES SHALL BE MULCHED, AND CONTINUOUSLY STAKED HAY BALES OR SILT FENCE INSTALLED AROUND THE STOCKPILES.
- DURING CONSTRUCTION, AREAS OF COMPLETED WORK SHALL BE SEEDED AND MULCHED WITHIN 48 HOURS OF FINISH GRADING. THIS SHALL INCLUDE CUT OR FILL SLOPES, AND STREET GREEN STRIPS.
- STONE CHECK DAMS AND STONE FILTERS SHALL BE INSTALLED AT STORMWATER INLETS AND OUTLETS AS SHOWN ON THESE PLANS.
- ALL FINISHED SLOPES SHALL BE 3H:1V OR FLATTER. WHERE EROSION OCCURS FOLLOWING MULCHING, EROSION MATTING SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- DISTURBED AREAS THAT ARE NOT BEING ACTIVELY WORKED SHALL BE STABILIZED WITHIN 10 DAYS WITH TEMPORARY SEED AND MULCH OR MATTING.
- ALL SIDEWALK AND UTILITY CONSTRUCTION (EXCLUDING PAVING) SHALL TAKE PLACE BETWEEN APRIL 15 AND OCTOBER 15. TO ASSURE A VIGOROUS CATCH OF VEGETATIVE COVER, SEEDING AND MULCHING SHALL BE COMPLETED BY SEPTEMBER 15. ALL DRIVEWAYS SHALL BE PAVED BY OCTOBER 15.
- THE CONTRACTOR SHALL REMOVE ALL BARRIER FENCING UPON STABILIZATION AND REVEGETATION.
- DUST SHALL BE CONTROLLED IN ALL AREAS USING WATER AS NEEDED.

LEGEND



EROSION & SEDIMENT CONTROL KEY



MAJOR SITEWORK STABILIZATION MILESTONES

- WHERE THE CONSTRUCTION AREA FOR MAJOR WORK ITEMS DO NOT OVERLAP, THE DISTURBED AREA SHALL BE STABILIZED PROMPTLY UPON FINAL GRADING, AND PRIOR TO COMMENCING WORK ON ANOTHER MAJOR SITEWORK ITEM.
- PHASE I - NEW STORM DRAINAGE
 - PHASE II - EAST SIDE ROADWAY WIDENING
 - PHASE III - WEST SIDE SIDEWALK CONSTRUCTION
 - PHASE IV - PAVEMENT MARKINGS AND SIGNS

EROSION & SEDIMENT CONTROL PLANS

10-20-05	REVISED FOR CONTRACT PLANS	BH/DLH
THESE PLANS WITH LATEST REVISIONS SHOULD ONLY BE USED FOR THE PURPOSE SHOWN BELOW:		# OF SHEETS
STP WALK (9) TOWN OF ESSEX ROUTE 15 IN ESSEX CENTER, VT		proj. no. 02-132
		survey L&D/OTHERS
EROSION PREVENTION AND SEDIMENT CONTROL PLAN STATION 0+00 TO 5+75		design DLH/LAL
		drawn DB
STATE OF VERMONT ROBERT L. DICKINSON No. 3945 REGISTERED PROFESSIONAL ENGINEER		checked LAL/DLH
		date 03/01/04
DATUM VERTICAL NAVD 1988 HORIZONTAL NAD 1983		scale 1" = 20'
LD LAMOUREUX & DICKINSON Consulting Engineers, Inc. 14 Morse Drive Essex Junction, VT 05452 Tel: 802-878-4450		sheet no. 25F