

170 U.S. Route One  
Falmouth, Maine 04105  
Tel: (207) 781-3202  
Fax: (207) 781-4265

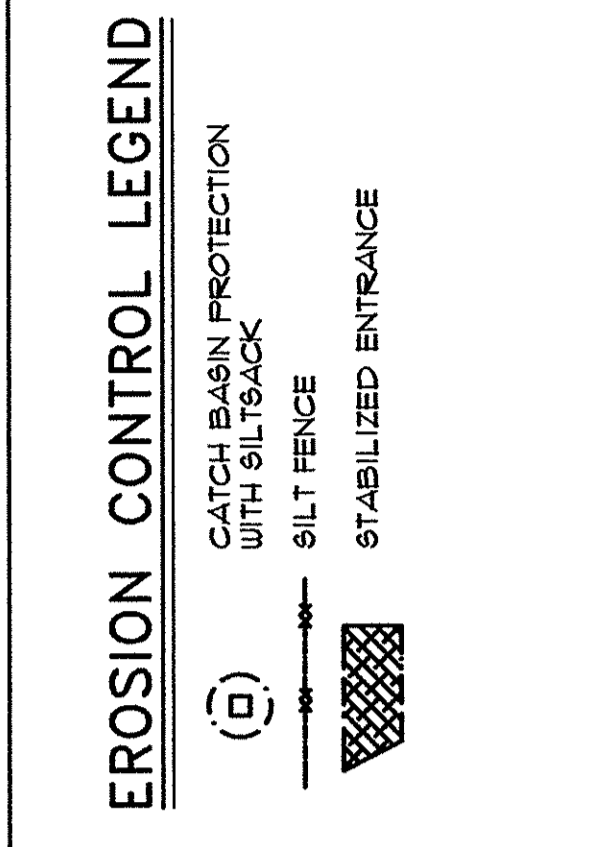
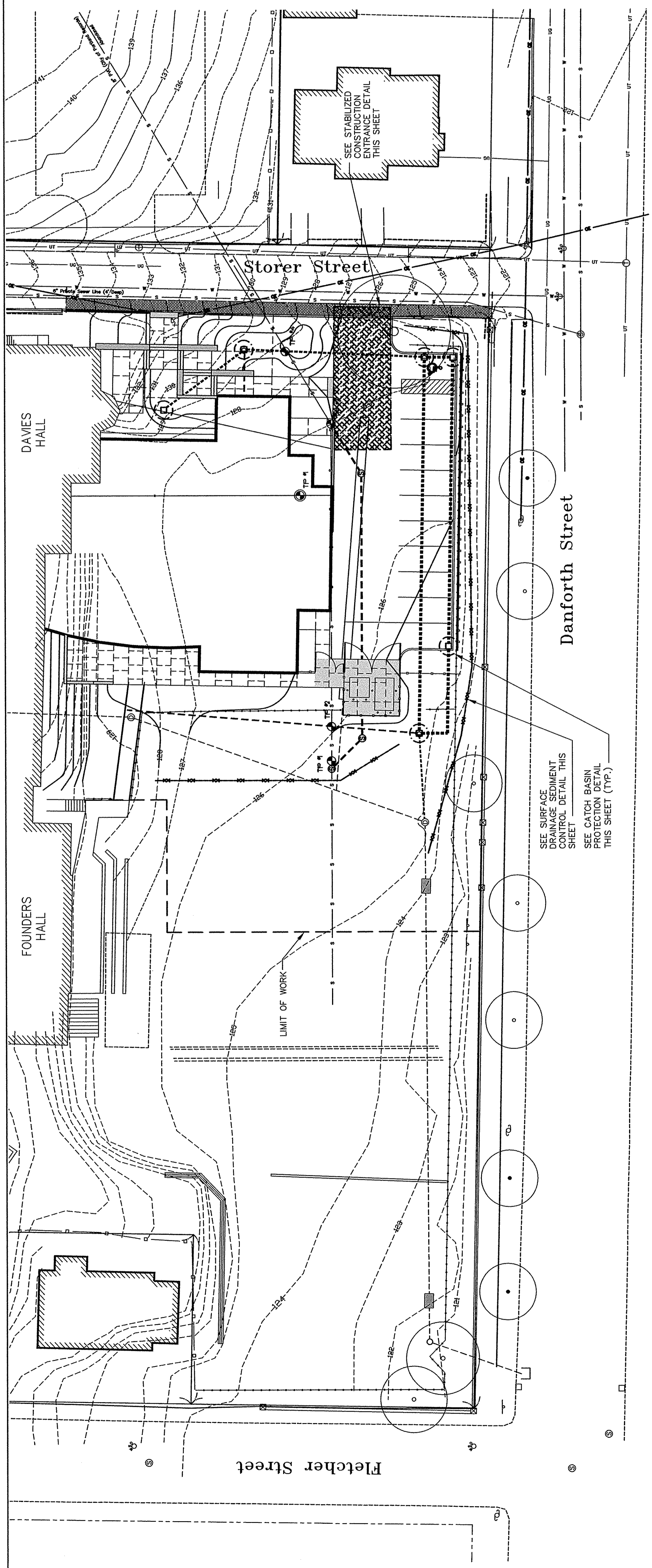
PHINNEY & GREEN  
CONSTRUCTION, INC.

PROJECT  
WAYNELETE SCHOOL  
AUDITORIUM ADDITION  
-PORTLAND, MEET-

TITLE  
ISSUED FOR  
BIDDING  
EROSION  
CONTROL PLAN

STATUS:  
PLANNING BOARD SUBMISSION  
NOT FOR CONSTRUCTION

DATE: 7 SEPT. 2007  
SCALE: AS SHOWN  
PROJECT NO.: 07-001  
DRAWN BY: RLB  
DWG NO.: C1.1

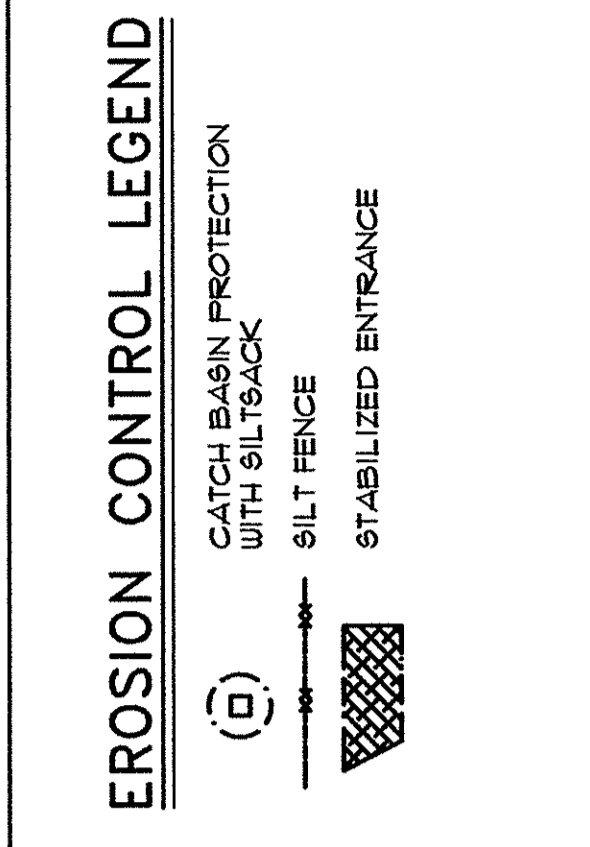
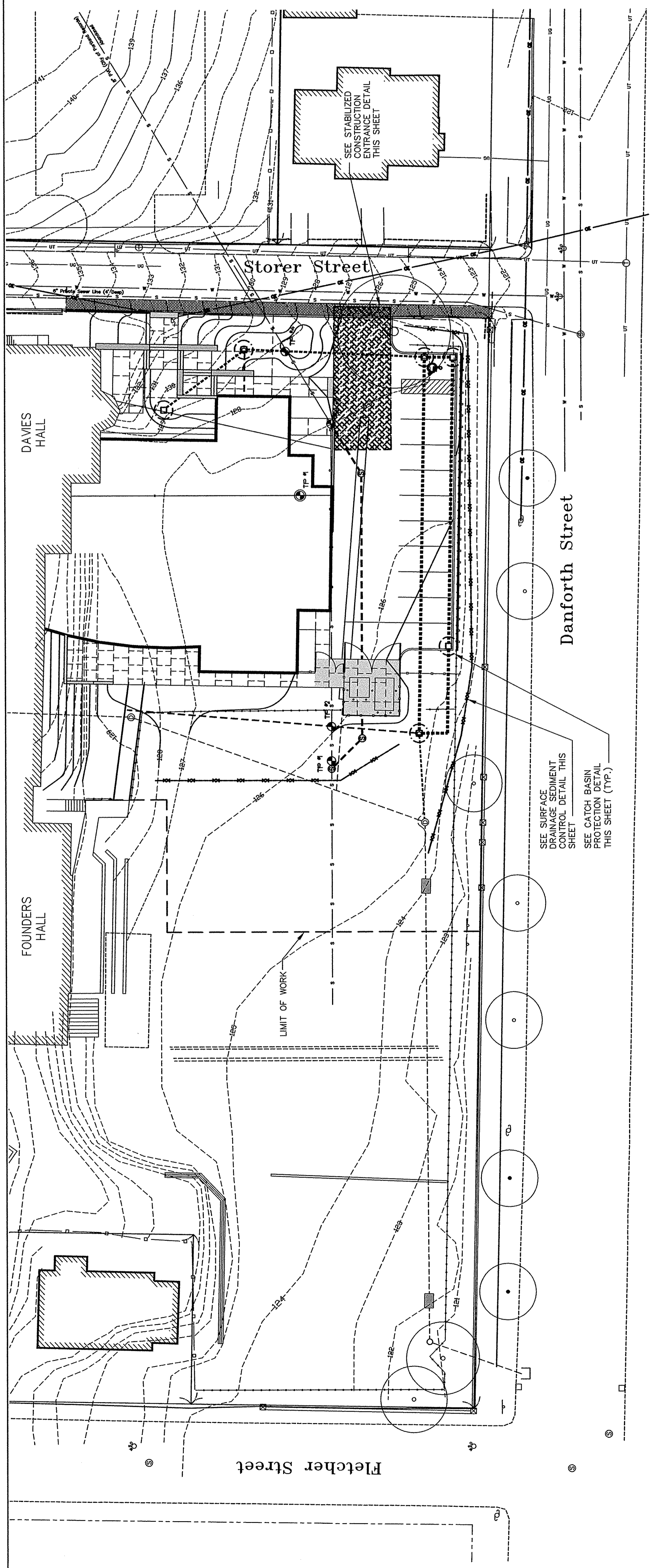


1. MAINTAIN ENTRANCE IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. IF WASHING IS REQUIRED, PREVENT SEDIMENT FROM ENTERING WATERWAYS, DITCHES OR STORM DRAINS.

2. REMOVE STABILIZED CONSTRUCTION ENTRANCE TO FINISH ROAD CONSTRUCTION & PAVEMENT.

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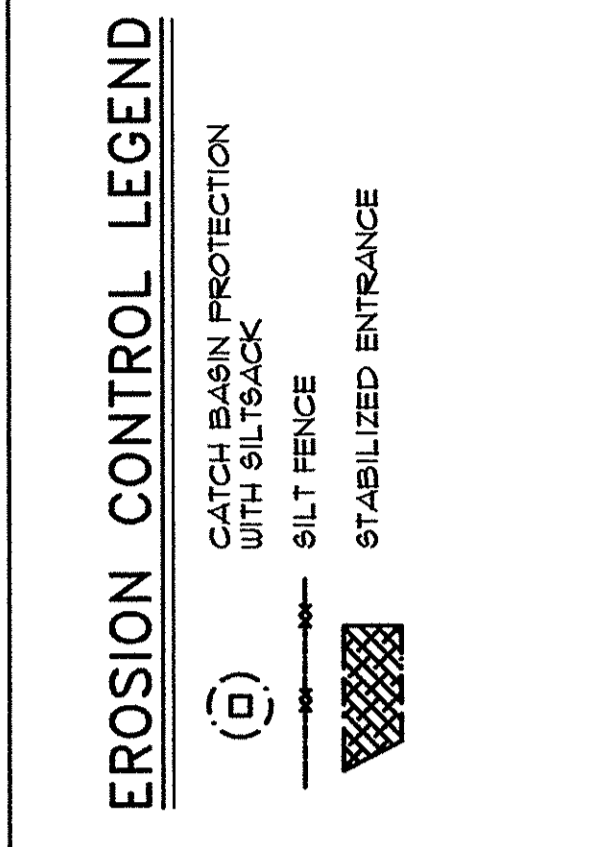
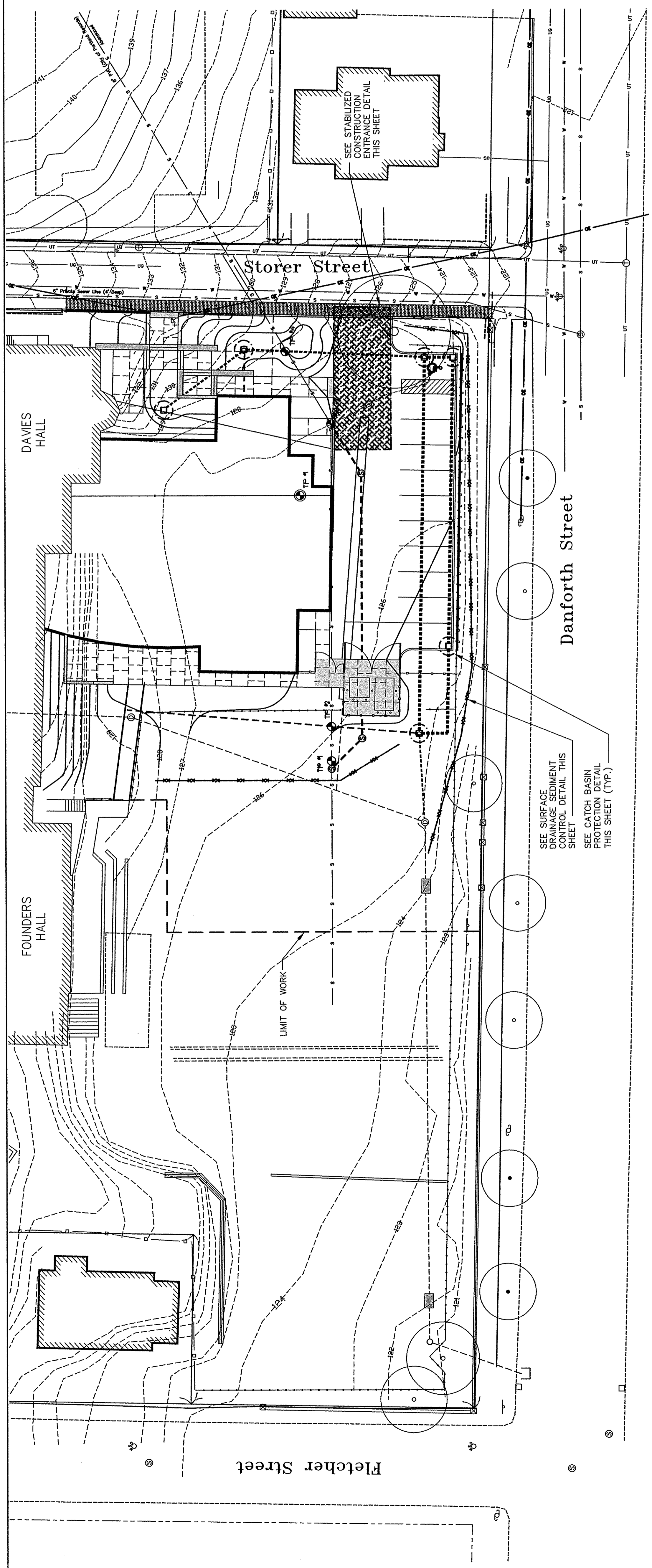


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**EROSION CONTROL NOTES**

**GENERAL:**

- THE DRAWINGS DEPICT THE REQUIRED SOIL EROSION CONTROL MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE IN SUCH A MANNER THAT:
- SOIL EROSION IS KEPT TO A MINIMUM.
- ALL POSSIBLE MEASURES ARE EMPLOYED TO PREVENT SEDIMENT FROM ENTERING DRAINAGE COURSES AND WETLANDS EVEN BEYOND THE DETAILS SHOWN ON THIS PLAN IF NECESSARY.
- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES (BMP) PUBLISHED BY THE BUREAU OF LAND AND WATER QUALITY, MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, MARCH 2003.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FINES RESULTING FROM CONSTRUCTION OPERATIONS AND FOR THE PROTECTION OF ALL ADJACENT PROPERTIES, WATERBODIES, OR WETLANDS AS A RESULT OF THIS PROJECT.
- LOAM AND SEED ALL DISTURBED AREAS AS SOON AS POSSIBLE AFTER DISTURBANCE BUT NO LATER THAN 14 DAYS. USE WINTER SEED RATES AND SPECIFICATIONS IF APPROPRIATE.
- INSPECT SOIL EROSION MEASURES WEEKLY AND AFTER SIGNIFICANT RAIN IS FORECAST BUT NO LATER THAN 14 DAYS. CLEAN AND RESET SILT FENCES AND STONE CHECK DAMS WHICH ACCUMULATE SEDIMENT AND DEBRIS.
- PROTECT AND STABILIZE ALL AREAS NOT SCHEDULED FOR EROSION PREVENTION OR STABILIZATION BUT THAT SHOW SIGNS OF EROSION. NOTIFY OWNER OF ANY SIGNIFICANT EROSION PROBLEM.
- APPLY MULCH TO BARE SOILS WITHIN 14 DAYS OF INITIAL DISTURBANCE AND TO MAINTAIN MULCH THROUGHOUT THE PROJECT. MULCH SHALL LAST FOR MORE THAN ONE DAY.
- TEMPORARILY SEED WITHIN 14 DAYS ANY AREA WHICH WILL BE LEFT DISTURBED AND UNWORKED FOR MORE THAN 14 DAYS WITH THE TEMPORARY SEED MIX LISTED BELOW. PERMANENTLY SEED ANY AREA WHICH WILL BE LEFT DISTURBED AND UNWORKED FOR MORE THAN 14 DAYS WITH THE SEED MIX LISTED BELOW. DO NOT USE PERMANENT SEED MIX AFTER SEPTEMBER 15.
- MULCH ALL AREAS SEEDED SO THAT SOIL IS NOT VISIBLE THROUGH THE MULCH REGARDLESS OF THE APPLICATION RATE. DURING THE GROWING SEASON (MAY - SEPT.), DO NOT USE EROSION CONTROL MESH OR MULCH AND NETTING ON:
  - WITHIN 100 FT. OF STREAMS AND WETLANDS
  - SLOPES STEEPER THAN 8%
- INSTALL EROSION CONTROL MESH IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MESH TO BE EQUAL TO NORTH AMERICAN GREEN PRODUCT C180N.
- FOLLOW SILT FENCE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS FOR INSTALLATION. DO NOT USE POLYPROPYLENE OR BERBER WITH SOIL OR CHIPPED GRASSINGS. REFER TO SILT FENCE DETAILS.
- PLACE AND GRADE LOAM IN A REASONABLY UNIFORM MANNER. WORK LINE AND FERTILIZER INTO THE SOIL TO A DEPTH OF 4 INCHES WITH A CULTIVATOR OR TINE. DO NOT OVERAPPLY. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEED BED IS PREPARED. REMOVE FROM SURFACE ALL STONES LARGER THAN 2" AND MIXED INTO SOIL PRIOR TO ROLLING EXCEPT IF INCLUDED IN HYDROSEED MIXTURE.
- ALL CULVERT OR PIPE OUTFALL PROTECTION MUST BE INSTALLED WITHIN 48 HOURS OF INSTALLING NEW PIPE OR CULVERT.
- DITCHES AND CHANNELS DESIGNATED TO BE LINED WITH RIPRAP AND/OR EROSION CONTROL MESH MUST BE INSTALLED WITHIN 48 HOURS OF COMPLETING THE GRADING OF THAT SECTION OF DITCH OR CHANNEL.
- ALL CATCH BASINS, NEW OR EXISTING, THAT MAY RECEIVE RUNOFF FROM MAINTAINING SILT BACKS DURING CONSTRUCTION.

**TOPSOIL:**

- SUITABLE TOPSOIL SALVAGED FROM SITE OR SCREENED, LOOSE AND FRAGILE SANDY LOAM OR LOESS AS DETERMINED BY THE USDA SOIL ADAPTIVE OF SUBSOIL REFUSE. LARGE STONES, CLOS, ROOTS, WEEDS, RHIZOMES OR OTHER UNDESIRABLE FOREIGN MATERIALS ARE DETERMINED BY LOAN TEST RESULTS PERFORMED BY AN INDEPENDENT TESTING LABORATORY FOR TOPSOIL FROM DIFFERENT SOURCES PRIOR TO TOPSOIL. TOPSOIL SHALL MEET THE FOLLOWING SPECIFICATIONS:
- MATERIAL
 

SAND - 0.075 IN. TO 0.002 IN. DIAMETER (% BY VOLUME)	45 - 75
CLAY - LESS THAN 0.00208 IN. DIAMETER (% BY VOLUME)	5 - 15
ORGANICS SHALL MEET THE REQUIREMENTS OF MOIST STANDARD SPECIFICATION 11.02.3 (PEAT-LIKE) (% BY VOLUME)	10 - 20
NITROGEN (%)	0.2 - 0.3
CALCIUM (CA) (% SATURATION)	10 - 25
MAGNESIUM (MG) (% SATURATION)	10 - 25
PHOSPHORUS (P) (PPM/ACRE)	10 - 40
PERMEABILITY (INCHES PER HOUR)	3 - 10
MAXIMUM STONE SIZE (INCHES)	3/4

**SEEDING:**

USE PERMANENT SEED MIXES AND RATES BETWEEN 5/15 AND 9/20. USE TEMPORARY SEED MIXES FOR PERIODS LESS THAN 5 MONTHS. IF USING PERMANENT SEED MIX AFTER 5/15:

**PERMANENT SEED:**

HOOT (11.02.03) METHOD NUMBER 3	
OATS	80,000 LBS/ACRE 4.01 - 5/14
ANNUAL RYEGRASS	40,000 LBS/ACRE 5/15 - 8/14
ANNUAL RYEGRASS	80,000 LBS/ACRE 5/15 - 8/14
WINTER RYE (W) MULCH COVER	12,000 LBS/ACRE 9/15 - 9/20

**LIME AND FERTILIZER:**

OXIDE AT A RATE OF 3 TONS PER ACRE (384 POUNDS PER 1000 SQUARE FEET). APPLY FERTILIZER (10-10-20) AT A RATE OF 800 POUNDS PER ACRE

**MULCH:**

PROTECTED AREAS	15 - 25 LBS
WINDY AREAS	18 - 25 LBS
MODERATE TO HIGH VELOCITY AREAS	18 - 25 LBS
STEEP SLOPES	AS REQUIRED

**MULCH ANCHORING:**

EXCEL80R MAT	AS REQUIRED
FLOR AND TUNE	LIQUID APHALT
MULCH NETTING	LIQUID APHALT
APHALT TULLOCH	LIQUID APHALT
	LIQUID APHALT

**2 SURFACE DRAINAGE SEDIMENT CONTROL** NOT TO SCALE

**3 STABILIZED CONSTRUCTION ENTRANCE DETAIL** NOT TO SCALE

**2 CATCH BASIN PROTECTION** NOT TO SCALE