



**Maine Regional School Unit 21**

The Schools of Arundel, Kennebunk, and Kennebunkport

*"Developing productive global citizens by building knowledge and character."*

Kathryn M. Hawes, Ph.D., Superintendent of Schools  
Bruce A. Rudolph, Business Administrator

Phillip J. Potenziano, Ed.D., Assistant Superintendent of Schools  
Susan L. Martin, Director of Special Services

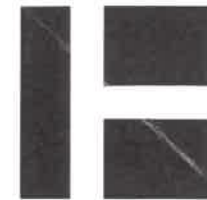
Kennebunkport Consolidated School

Possible drainage changes

October 16, 2017

- Plan SK03: \$30,000
  - Improve drainage under flat, grass play area behind school
    - recommended by Facilities Committee
      - Able to grow and maintain thicker, stronger turf
      - Safer for children
      - Easier to maintain
      - Improved drainage throughout area including play area
    - Scope of work
      - Excavate poorly-draining soil
      - Install underdrains
      - Install well-draining soil
      - Regrade and reseed
  - Replace rip-rap swale near SW corner of kitchen with Nyoplast drain structure connected to existing culvert
    - recommended by Facilities Committee
      - Safer for children
      - Easier to maintain
      - Improved aesthetics
    - Scope of work
      - Remove fence
      - Remove rip-rap
      - Install Nyoplast drain structure
      - Regrade and reseed
- Plan SK01: \$10,000
  - Replace swale and rip-rap with French drain
    - Scope of work
      - Remove fence
      - Remove rip-rap
      - Install new 15" perforated pipe
      - Fill swale with small stones
      - Regrade and reseed

- Plan SK02: \$22,000
  - Replace swale and rip-rap with French drain and two Nyoplast drain structures
    - Scope of work
      - Remove rip-rap at both ends of swale
      - Install one Nyoplast drain near music room
      - Install one Nyoplast drain near School Street and connect to existing culvert
      - Install new 24" perforated pipe connecting the two Nyoplast drains
      - Fill swale with small stones
- Plan SK04: \$22,000 (concrete) or \$20,000 (asphalt)
  - Replace swale and rip-rap with either concrete or asphalt channel and one Nyoplast drain
    - Scope of work
      - Remove rip-rap at both ends of swale
      - Install compacted gravel in swale
      - Install concrete or asphalt above gravel forming a channel graded toward School Street
      - Install one Nyoplast drain near School Street and connect to existing culvert
- Plan SK02a (not shown on plan): \$6,000
  - Remove utility pole, regrade slope slightly, and replace rip-rap near music room with permanent plastic erosion control mat
    - Scope of work
      - Remove utility pole
      - Regrade slope
      - Remove rip-rap near music room
      - Install permanent plastic erosion control mat
      - Regrade and reseed



HARRIMAN

AUBURN PORTLAND PORTSMOUTH BOSTON

KENNEBUNKPORT CONSOLIDATED SCHOOL SWALE MODIFICATIONS

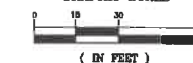
KENNEBUNKPORT, MAINE

Hamman Project No. 15503

Key Plan



GRAPHIC SCALE



Issues and Revisions	
Date	Description
11-17-17	CONSTRUCTION DOCUMENTS



Drawing Scales	

PA/PE: JDK  
Drawn By: JJK/PLS  
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SITE PLAN

C00.1A

