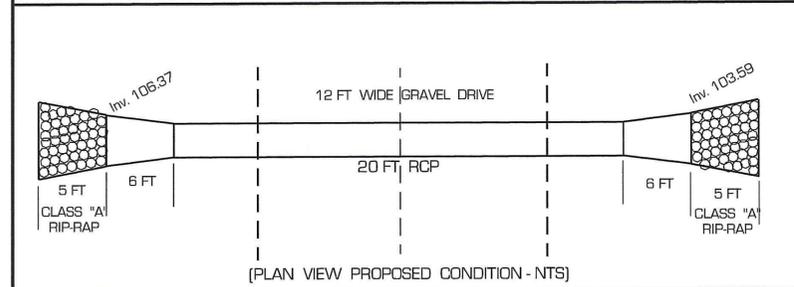
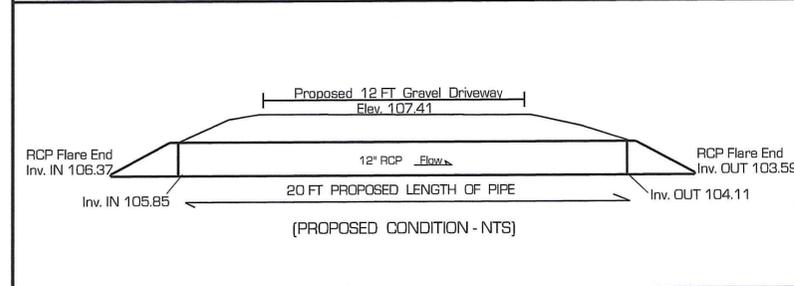
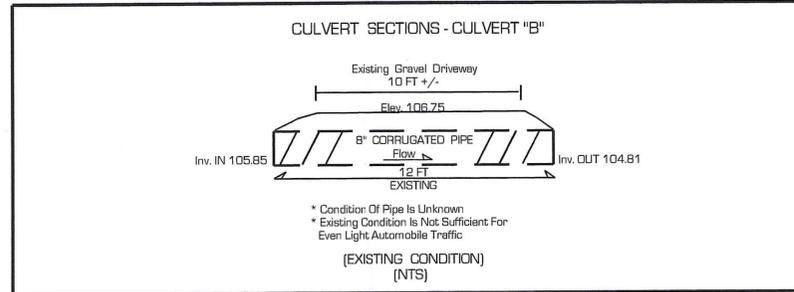
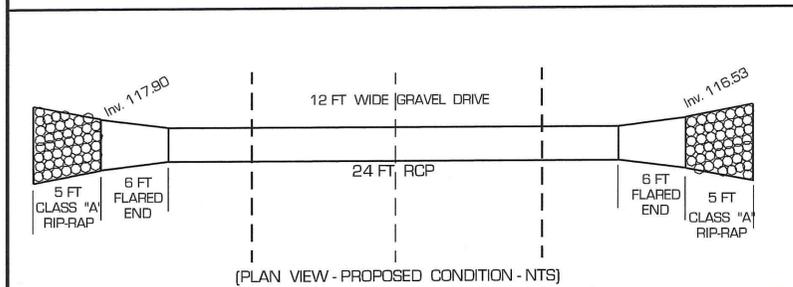
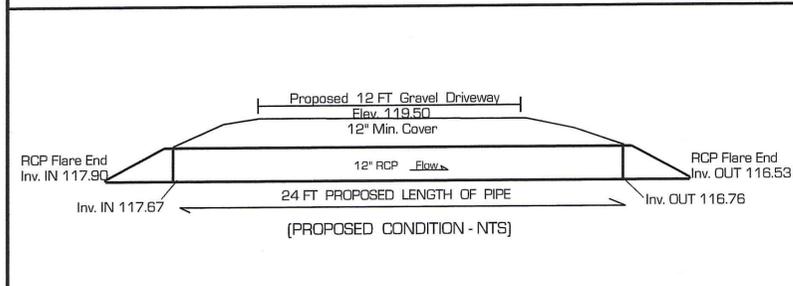
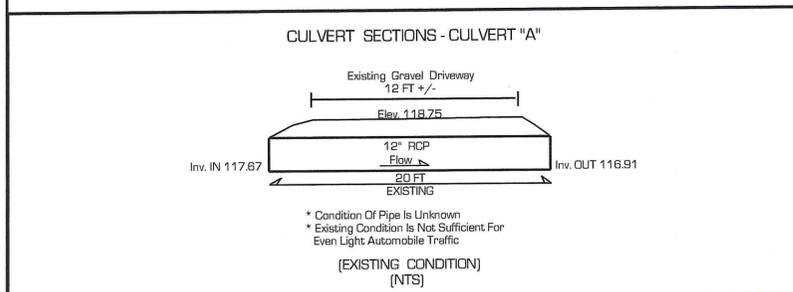
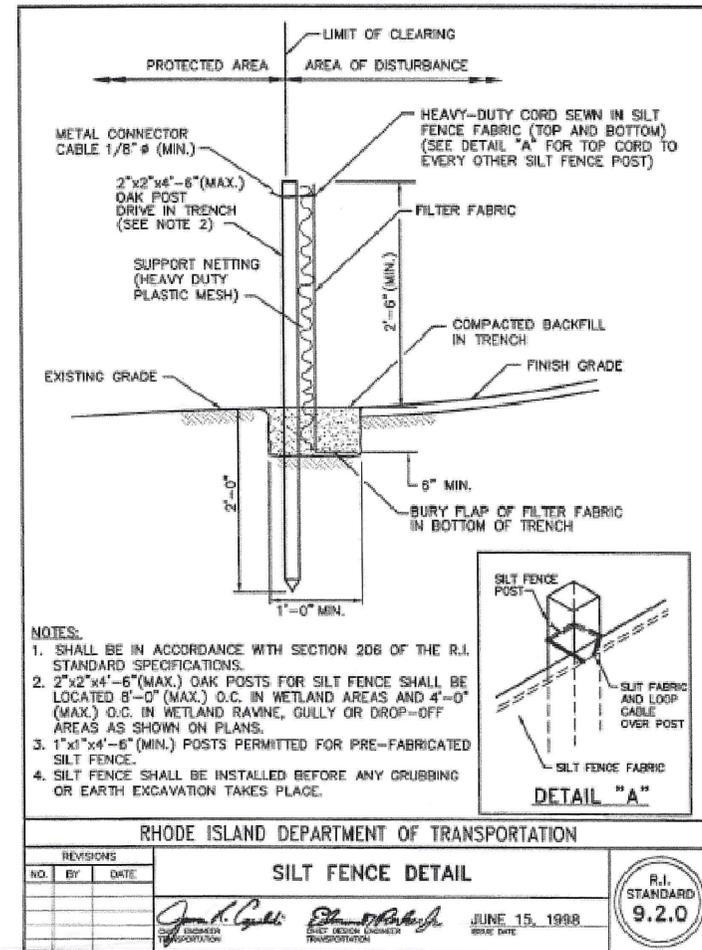


RHODE ISLAND DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE FLARED END SECTION

JUNE 15, 1988

R.I. STANDARD 2.5.0



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS  
AS SPECIFIED IN THE LETTER OF APPROVAL

DATED JAN 03 2007 FILE # 07-0073  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

PIPE REPLACEMENT AT STREAM CROSSINGS:

- This work shall be performed during the dry period of the year, July and August.
- Contractor shall be responsible for establishing and maintaining temporary erosion and sedimentation control measures throughout construction and until final ground cover is in place.
- Temporary treatment shall consist of hay, straw, or fiber mulch. Temporary protective covers, such as a mat fiber lining shall be used if needed to achieve the goal of precluding soil erosion.
- The existing pipes shall be removed and the new pipes placed as soon as possible following the removal of the existing pipes. Complete the removal and replacement of one pipe before working on the other.
- Following the installation of the inlet and outlet flare ends, Class "A" rip-rap shall be installed to extend five feet beyond the ends of the pipes.
- On completion of the side slopes grass or other suitable erosion resistant cover shall be planted.

FLOOD PLAIN DESIGNATION:

- Based upon the engineering calculations for the capacities of the stream channels, the 100-year frequency storms have been found to be contained in the present stream channels. Therefore there is no flood way beyond the stream to be shown on the drawing.

ROBERT F. ANGILLY, JR.  
No. 3582  
REGISTERED PROFESSIONAL ENGINEER

REVISIONS

ENGINEERING DETAILS

A.P. 7 LOT 46 GLOUCESTER, RI

For: Charles Kwolek 37 West Greenville Road Greenville, RI 02828

By: David M. Garrigan PLS #1580 Cumberland, RI 02864

Date 10/10/07

Scale NTS

Drawn MGD

Job CULVERT

Sheet 2

Of 2 Sheets