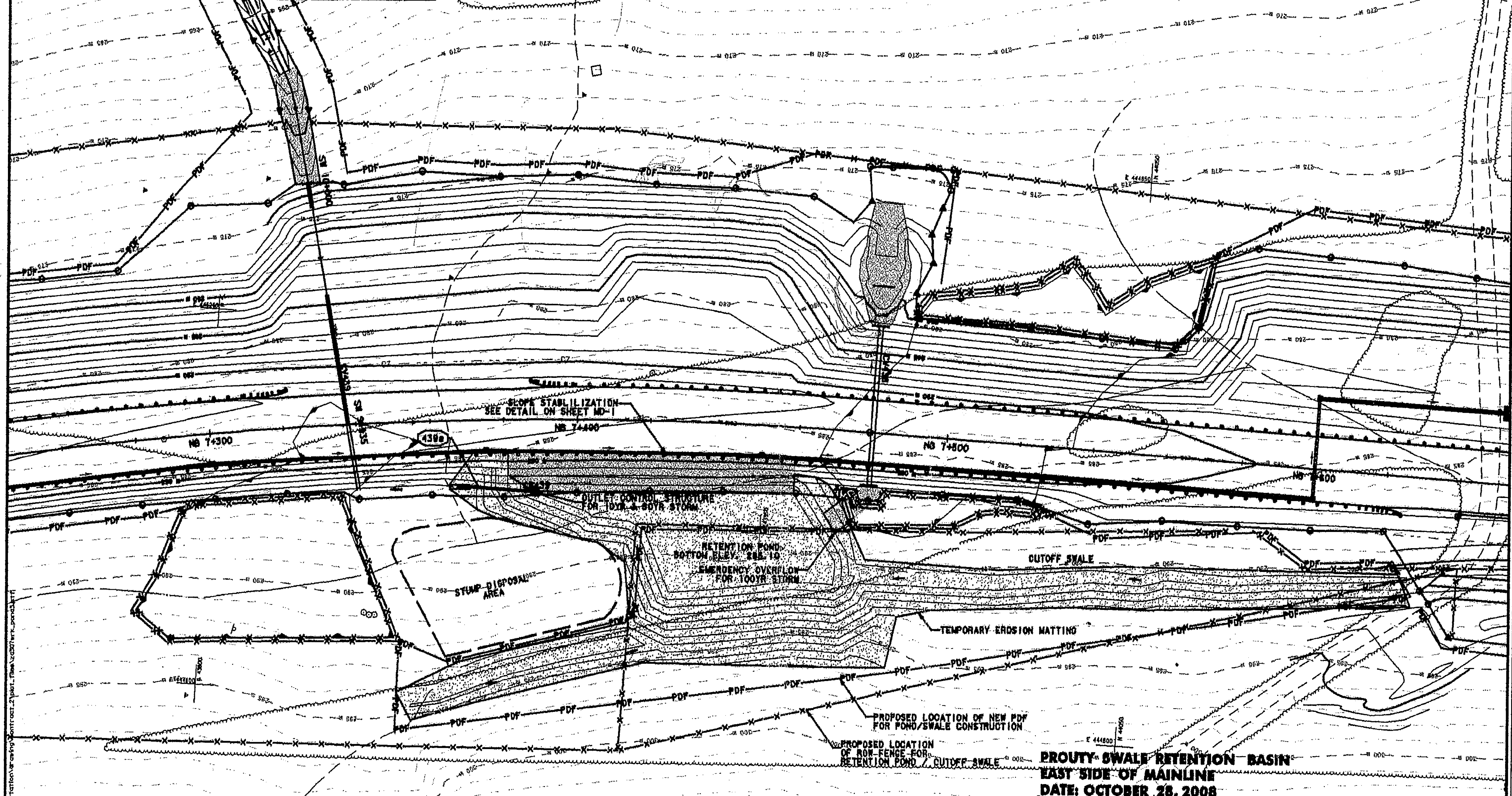
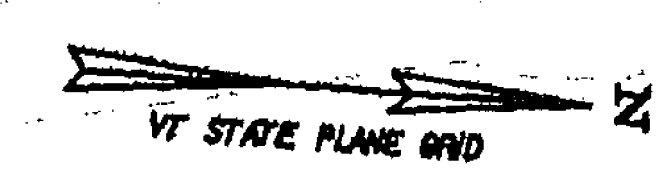


10 YEAR FLOWS TO EXISTING TOWN CULVERT  
 PRE CONSTRUCTION  
 Q = 1.5180 cfs  
 POST CONSTRUCTION NO POND  
 Q = 2.6385 cfs  
 POST CONSTRUCTION WITH POND  
 Q = 1.085 cfs

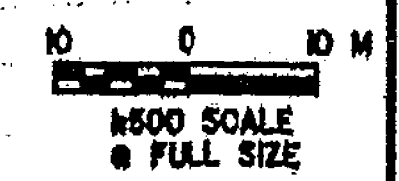
50 YEAR FLOWS TO EXISTING TOWN CULVERT  
 PRE CONSTRUCTION  
 Q = 3.5102 cfs  
 POST CONSTRUCTION NO POND  
 Q = 4.3214 cfs  
 POST CONSTRUCTION WITH POND  
 Q = 2.423 cfs



| PIPE # | LOCATION                   | COMMENTS                     |
|--------|----------------------------|------------------------------|
| 439a   | NB 7+370.1 - NB 7+388.6 RT | 750 X 18.1 IN. PIPE OPTION 2 |

| STRUCTURE # | LOCATION      | COMMENTS        |
|-------------|---------------|-----------------|
| CB439       | NB 7+388.6 RT | 2 TYPE B GRATES |



**PROUTY SWALE RETENTION BASIN**  
 EAST SIDE OF MAINLINE  
 DATE: OCTOBER 28, 2008

**VERMONT AGENCY OF TRANSPORTATION**



|                                   |   |                        |
|-----------------------------------|---|------------------------|
| PROJECT NAME: BENNINGTON          | FILE NAME: \\prty-tran\zd307\wk.pond3.prf | PLOT DATE: 10/30/2008  |
| PROJECT NUMBER: NB NH199165-1(52) | DESIGN SUPERVISOR: GREG EDWARDS           | DRAWN BY: STANTEC      |
|                                   | DESIGNED BY: MARC FORSY                   | CHECKED BY: GARY SANTY |
|                                   |   | SHEET OF 287           |