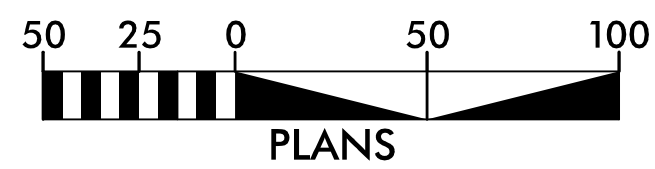
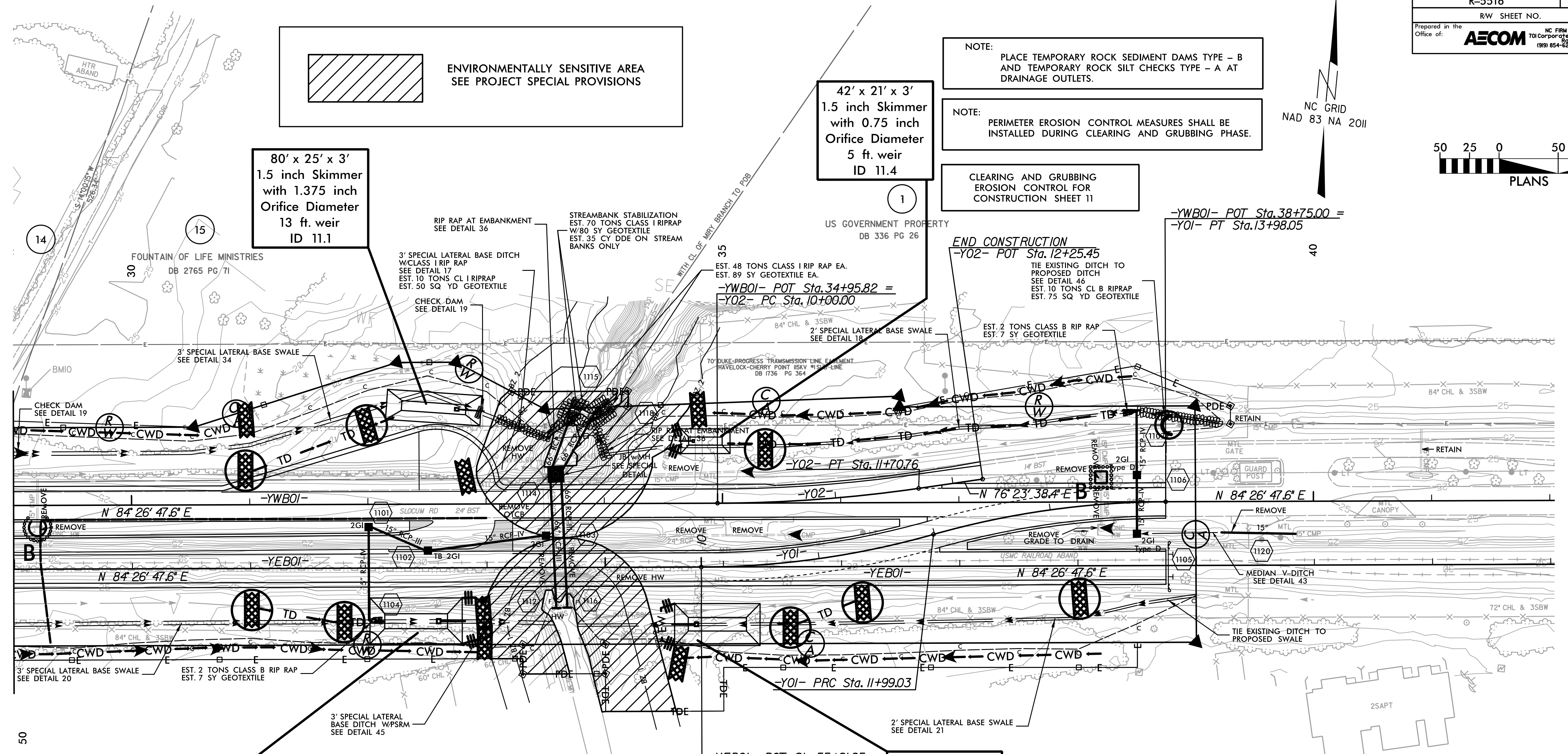


NC GRID
NAD 83 NA 2011



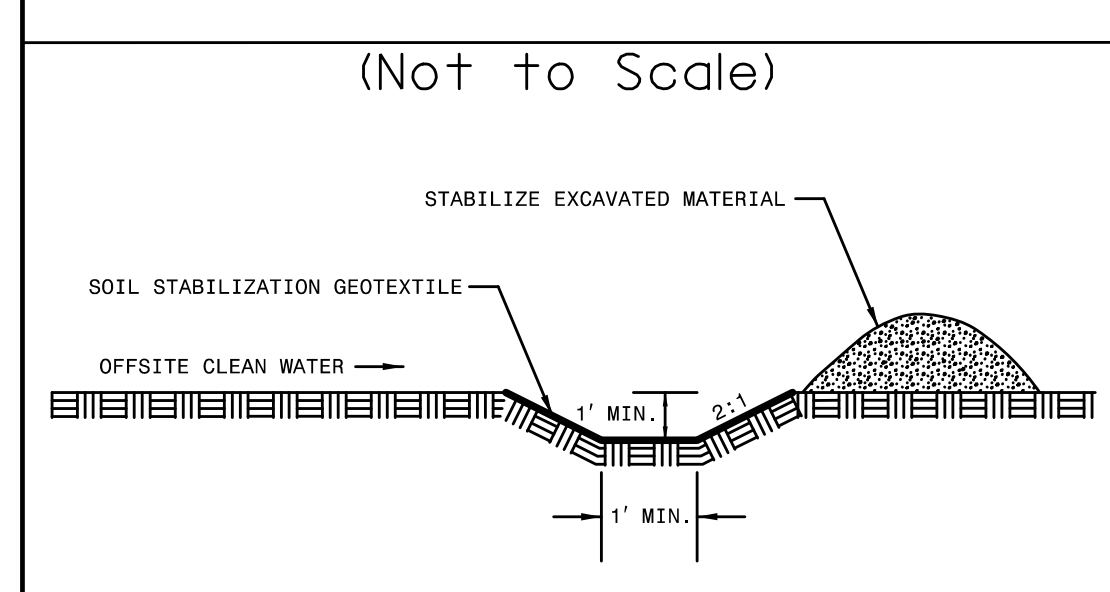
MATCHLINE -YEB01- / -YWB01-
STA 50+00.00 / 29+00.00
SEE PLAN SHEET EC-10



78' x 39' x 3'
2 inch Skimmer
with 1.625 inch
Orifice Diameter
23 ft. weir
ID 11.2

NOTE: CONTRACTOR SHALL FABRICATE AND INSTALL ANTI-PERSONNEL GATES ON NEW HEADWALLS. GATES SHALL BE SIMILAR IN MATERIAL AND CONSTRUCTION TO EXISTING GATES ON 42" AND 48" RCP.

CLEAN WATER DIVERSION



US GOVERNMENT PROPERTY
DB 336 PG 26

-Y01-		-Y02-
PI Sta 11+00.14	PI Sta 12+99.16	PI Sta 10+85.52
$\Delta = 15' 38' 32.9''$ (LT)	$\Delta = 15' 38' 32.9''$ (RT)	$\Delta = 8' 03' 09.2''$ (LT)
$D = 7' 51' 34.2''$	$D = 7' 51' 34.2''$	$D = 4' 42' 56.5''$
$L = 199.03'$	$L = 199.03'$	$L = 170.76'$
$T = 100.14'$	$T = 100.14'$	$T = 85.52'$
$R = 729.00'$	$R = 729.00'$	$R = 1,215.00'$
$Se = VARIES$	$Se = VARIES$	$Se = RC$
$DS = 40$ MPH	$DS = 40$ MPH	$DS = 40$ MPH
Runoff = 84.0'	Runoff = 84.0'	

FOR -YEB01- PROFILE, SEE SHEET NO. 21
 FOR -YWB01- PROFILE, SEE SHEET NO. 22
 FOR -Y01- PROFILE, SEE SHEET NO. 26
 FOR -Y02- PROFILE, SEE SHEET NO. 26