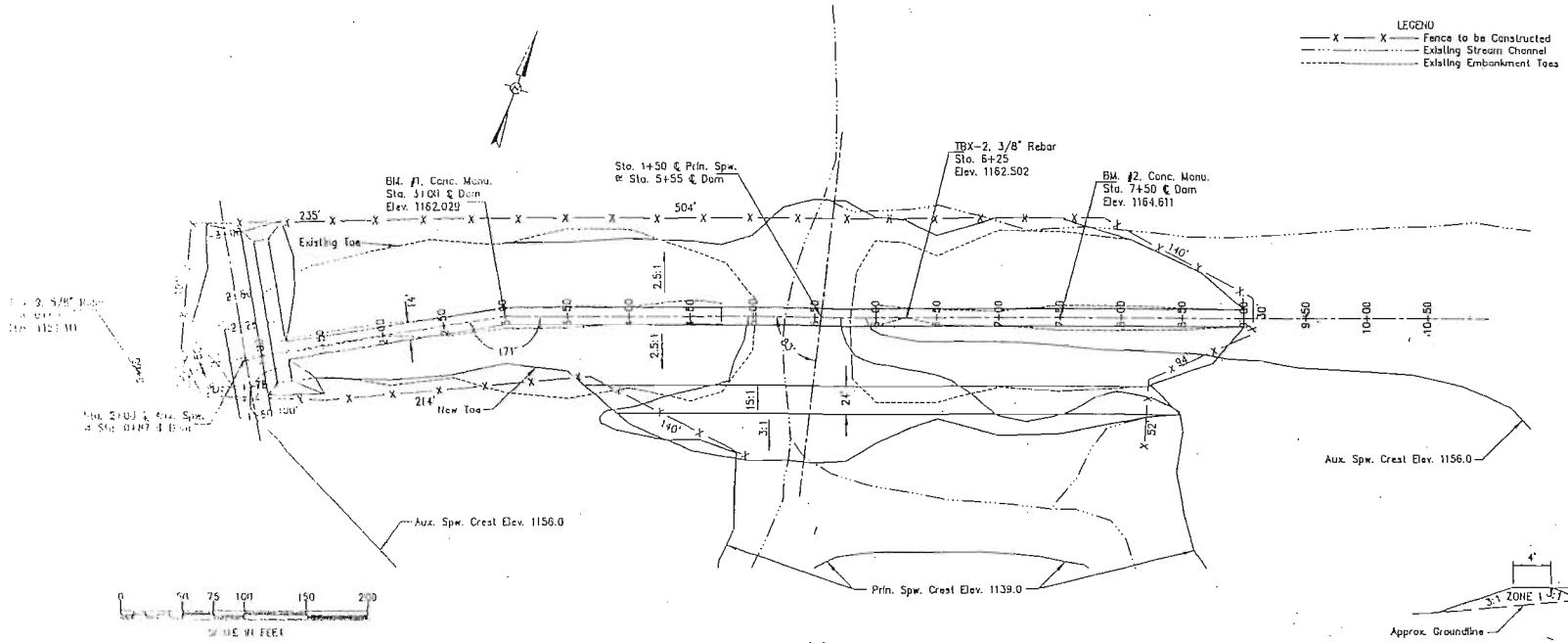
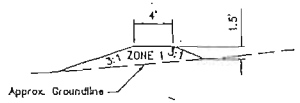


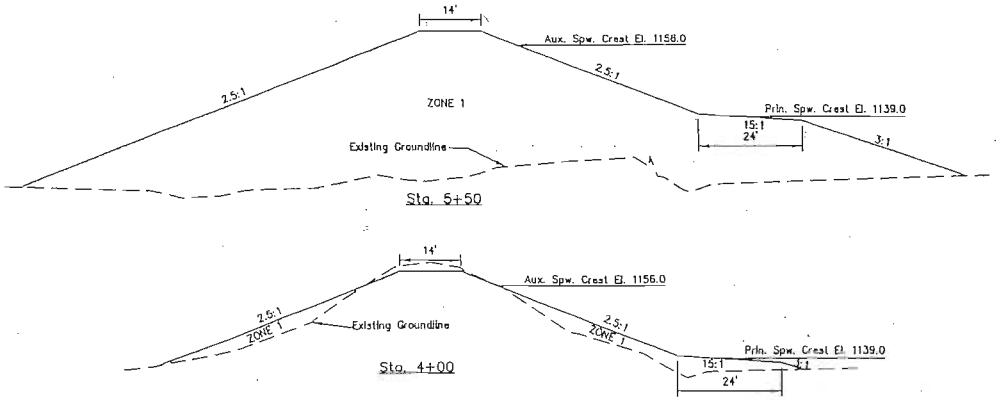
PLAN OF EMBANKMENT AND SPILLWAY(S)



Final location shall be determined by the Engineer.
Estimated length of Diversion(s) required is 500 Lin. Ft.

TYPICAL SECTION EROSION CONTROL DIVERSION

TYPICAL SECTION – AUXILIARY SPILLWAY



TYPICAL SECTIONS – ZONED EMBANKMENT

Zone	Material Description	Material Description & "Unified" Group Symbol	Typical Atterberg Limits LL	Typical Atterberg Limits PI	Maximum Particle Size Allowable	Maximum Layer Thickness Uncompacted	Class Compaction	Moisture Density Test ASTM No.	Moisture Density Test Method	Percent Maximum Compaction Required	Moisture Limits ± Optimum From	Moisture Limits ± Optimum To
1	Borrow	Silty, very Sandy CL	25	8	6"	9"	A	D698	A	95	opt.	up
1	Borrow	Silty, Clayey Sand SM	np	np	8"	9"	A	D698	A	95	opt.	up

The above indicates estimated use of material. The use of material differing substantially from those indicated shall be as approved by the Engineer.

ZONE EMBANKMENT DATA

CHECK PRINT

CHECK PRINT

Designed E.R. Rodgers Date 2-05
Drawn E.R. Rodgers Date 2-05
Revised
Approved A. C. BASS

EMBANKMENT PLAN
FLOODWATER RETARDING STRUCTURE SITE NO. 18
BITTER CREEK WATERSHED
GRADY COUNTY, OKLAHOMA

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

E-File Location:
R:\03_08\BITTER 18\drawings\Embankmentplan.d

Drawing No.
OK – 383

Sheet 3 of 19

OKR2014560
GRADY COUNTY CONSERVATION DISTRICT
UNNAMED TRIBUTARY TO SPRING CREEK
FLOODWATER RETARDING STRUCTURE
ENCLOSURE 4 OF 5