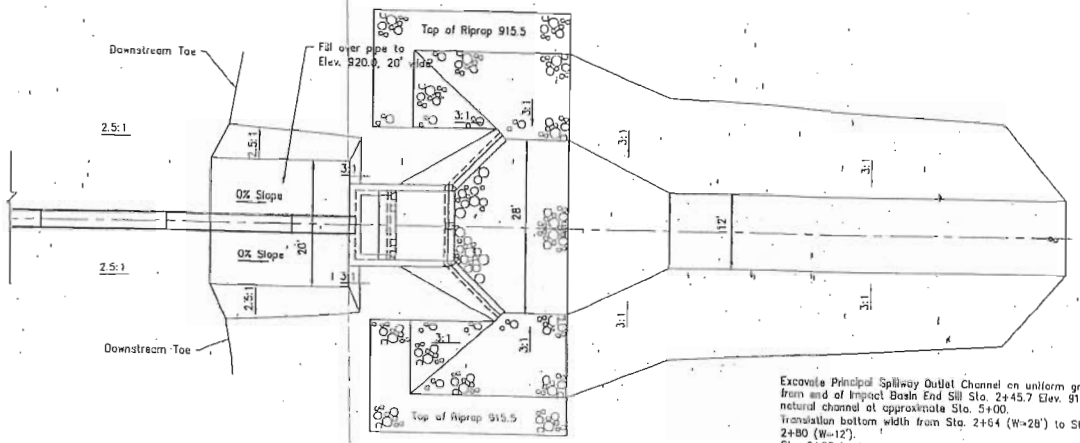
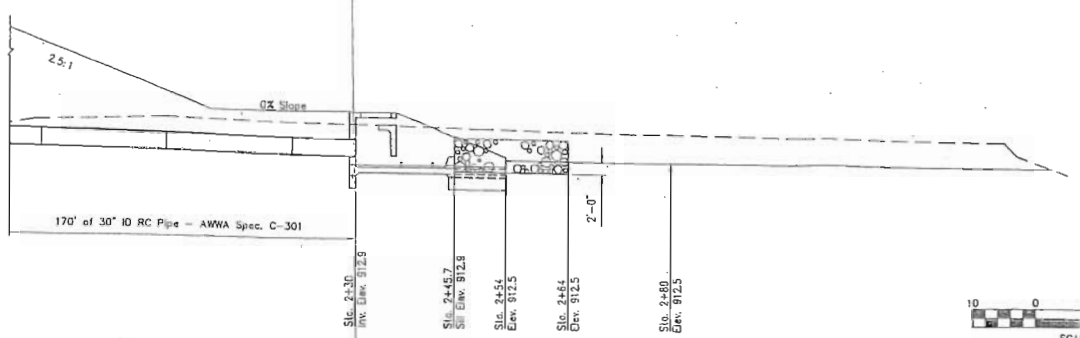
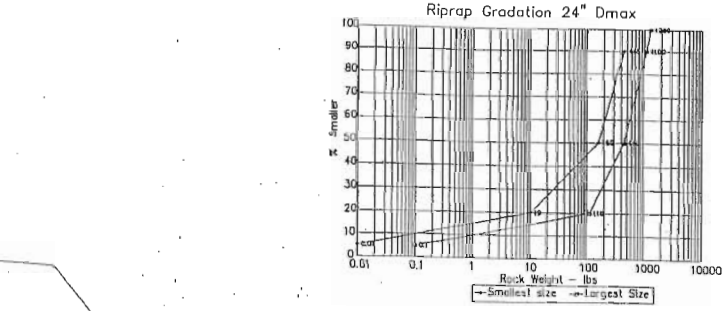


PLAN

Excavate Principal Spillway Outlet Channel on uniform grade from end of Impact Basin End Sill Sta. 2+45.7 Elev. 912.5, to natural channel at approximate Sta. 5+00.
Transistion bottom width from Sta. 2+64 (W=28') to Sta. 2+80 (W=12').
Sta. 2+80 to Approx. Sta. 5+00 transistion to natural ground elevation.



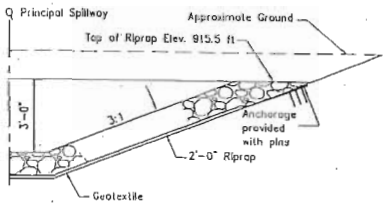
SECTION
PRINCIPAL SPILLWAY



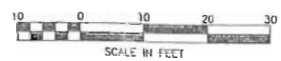
D_{max} = 24 Inches

RIPRAP GRADATION	
%	Size Range – lbs.
Max.	1280
90	445 – 1100
50	160 – 440
20	10 – 110
<5	sand / dust

Riprap thickness = 24"
NOTE: Fine Filter shall conform to gradation for Concrete Fine Aggregate ASTM C-33



HALF SECTION RIPRAP
NTS



CHECK PRINT

Designed E. RANDOLPH Date 05-04
Drawn A. LANE 10-04
Revised XXX XXX
Approved A. BASS XXX

PRINCIPAL SPILLWAY–PLAN & SECTION
FLOODWATER RETARDING STRUCTURE SITE NO. 33C
STILLWATER CREEK WATERSHED
PAYNE COUNTY, OKLAHOMA

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

E-File Location:
R:\03_Dd\Stillwater 33-C\Drawings\PRINSPWY\PLAN-SECT.dwg

Drawing No.
OK-375

Sheet 5 of 26

OKR2014451
PAYNE COUNTY CONSERVATION DISTRICT
UNNAMED TRIBUTARY TO COW CREEK
FLOODWATER RETARDING STRUCTURE
ENCLOSURE 6 OF 6