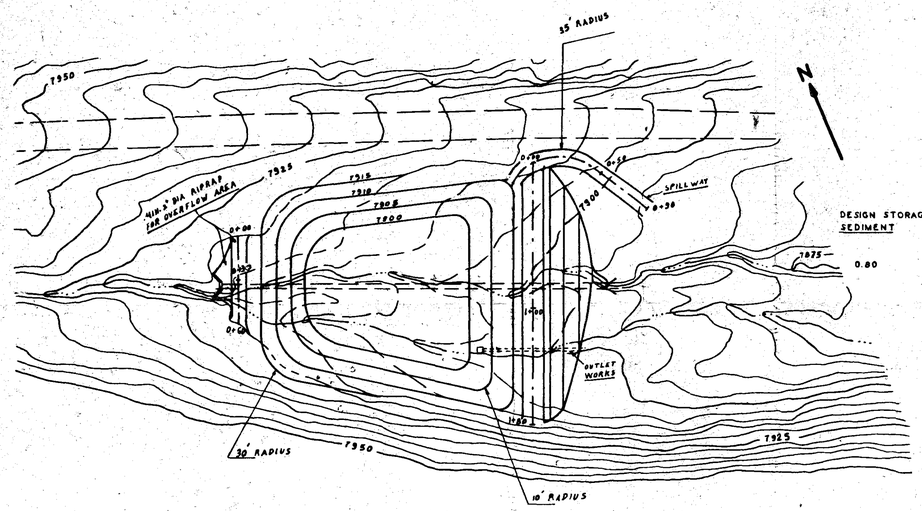
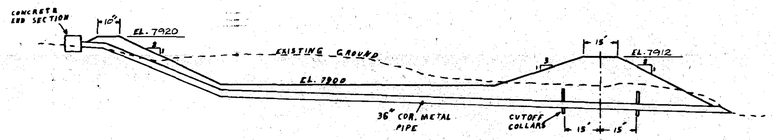


DESIGN STORAGE IN AC.FT.

SEDIMENT	TOTAL
0.80	3.75

SEDIMENTATION POND FOUNDATION

SCALE: 1" = 50'



SECTION THROUGH EMBANKMENT

SCALE: 1" = 30'

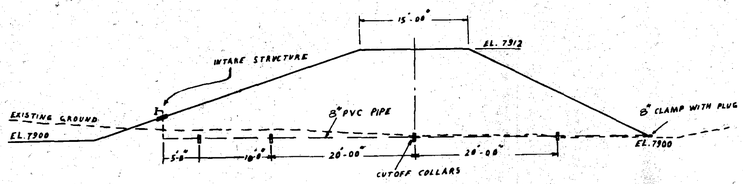
NOTES

EARTH-WORK SPECIFICATIONS

1. DIKE FOUNDATION AND POND AREA SHALL BE STRIPPED OF VEGETATION AND TOPSOIL TO NATURAL GROUND, DIKE FOUNDATION SHALL BE SCARIFIED 5" TO 8" TO INSURE BONDING BETWEEN DIKE AND NATURAL GROUND.
2. MATERIAL FOR THE DIKE SHALL BE TAKEN FROM NATURAL GROUND OF THE POND AREA. FILL SHALL BE FREE OF SOD, LARGE ROOTS, VEGETATIVE MATTER AND FROZEN SOIL. IN NO CASE SHALL COAL-PROCESSING WASTE BE USED. PRIOR TO PLACEMENT IN THE DIKE THE FILL MATERIAL SHALL BE MIXED TO A HOMOGENEOUS STATE AND PLACED IN SUCH A MANNER AS TO AVOID SEGREGATION.
3. MATERIAL IN THE DIKE SHALL BE PLACED IN LIFTS NO GREATER THAN 9" THICK.
4. MATERIAL IN THE DIKE SHALL BE COMPACTED BY 6 PASSES OF SHEEPS FOOT ROLLAR.

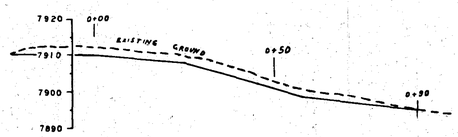
PVC PIPE SPECIFICATION

1. PLASTIC PIPE SHALL BE RIGID UNPLASTICIZED PVC SCHEDULE 40 EXTRUDED FROM VIRGIN MATERIALS. THE PIPE SHALL BE HOMOGENEOUS, FREE OF VISIBLE CRACKS, HOLES, BLISTERS, WRINKLES AND DENTS.



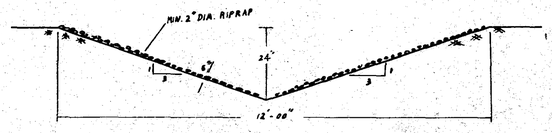
SECTION THROUGH OUTLET WORKS

SCALE: 1" = 10'



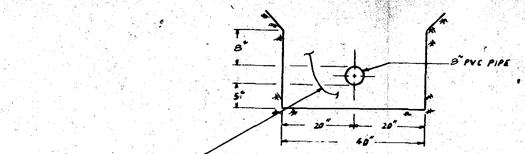
CROSS SECTION ALONG AXIS OF SPILLWAY

SCALE: 1" = 20'



SPILLWAY SECTION

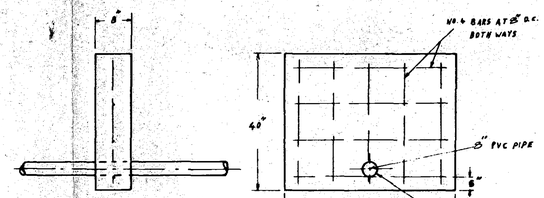
SCALE: 1" = 2'



OUTLET PIPE BEDDING DETAIL

SCALE: 1" = 1'

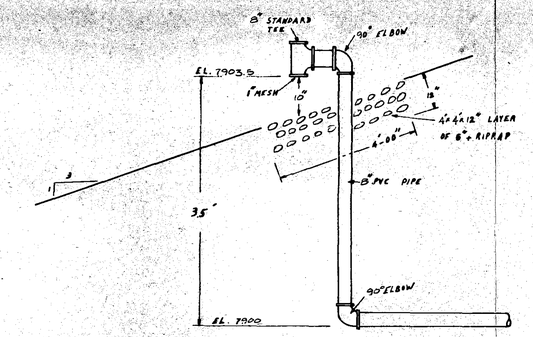
BACK FILL SHALL CONSIST OF 100% PASSING NO.4 SIEVE AND 20-30% PASSING A NO.200 SIEVE MATERIAL SHALL BE COMPACTED BY PNEUMATIC TAMPER TO DENSITY AS SPECIFIED. BEDDING FOR CIRCULAR PIPE SHALL BE TYPE B.



OUTLET PIPE CUTOFF COLLAR DETAIL

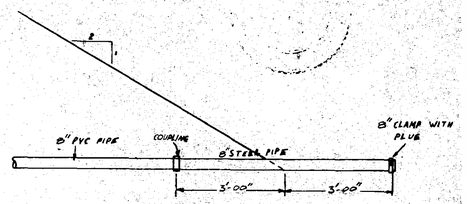
4 - REQUIRED

SCALE: 1" = 3/4"

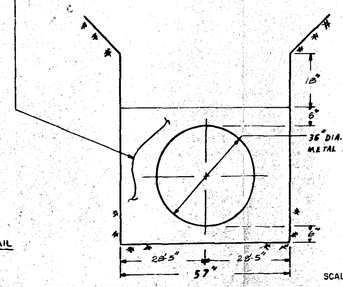


INTAKE STRUCTURE DETAIL

SCALE: 1" = 2'

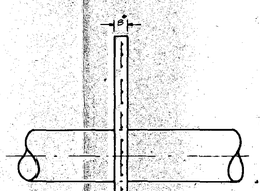


OUTLET STRUCTURE DETAIL



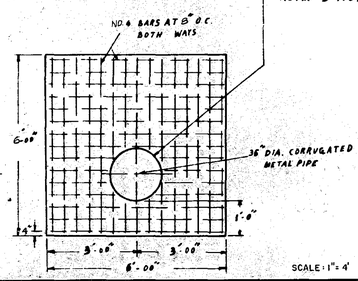
DECANT PIPE BEDDING DETAIL

SCALE: 1" = 2'



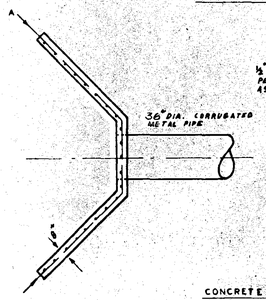
DECANT PIPE CUTOFF - COLLAR DETAIL

2 REQUIRED



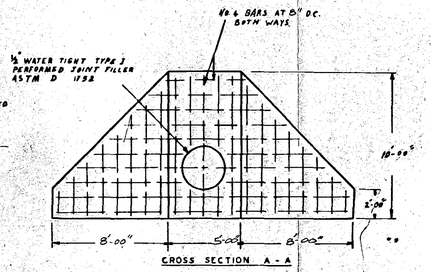
SCALE: 1" = 4'

½" WATER TIGHT TYPE 2 PERFORMED JOINT FILLER ASTM D 1752.



CONCRETE END SECTION.

SCALE: 1" = 5'



CROSS SECTION A - A

REVISIONS		BY	DATE
1			
2			
3			
4			

SCALE SCALE AS SHOWN	DATE
DRAWN: ABDALLA M. ELIAS	8-8-79
CHECKED:	
APPROVED:	

UNITED STATES FUEL CO.

HIAWATHA, UTAH

SOUTH (LEFT) FORK OF MILLER CREEK: SEDIMENTATION POND

SHEET OF SHEETS

DRAWING NUMBER

EXHIBIT VII - 10