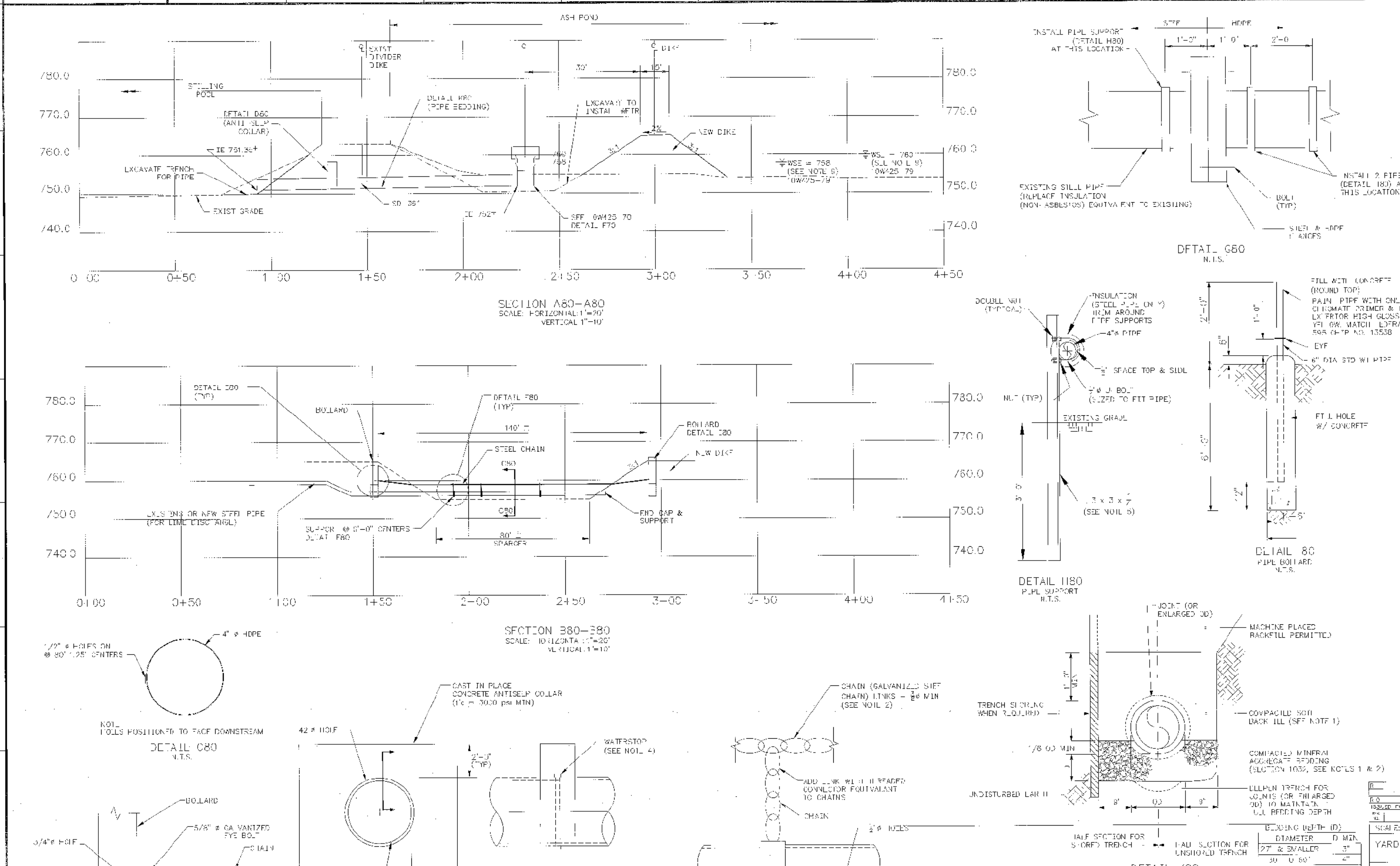

BEDDING DEPTH (D)	
DIAMETER	D MIN
27" & SMALLER	3"
30" TO 60"	4"
66" & LARGER	6"

NOTES:

1. PLACE COMPACTED MINERAL AGGREGATE BEDDING SOIL BACKFILL IN LOOSE LIFTS NOT EXCEEDING 8" IN THICKNESS & COMPACT TO 95% STANDARD PROCTOR DENSITY IN ACCORDANCE WITH ASTM D 698. MOISTURE & DENSITY TESTING SHALL BE IN ACCORDANCE WITH ASTM D 2922, AT A FREQUENCY OF NOT LESS THAN 5 TESTS PER LIFT. SCARIFY EXISTING SOIL TO A DEPTH OF 3" PRIOR TO PLACEMENT OF FILL FIRST LIFT. COMPACTION TESTING FOR COMPACTED FILL AROUND STORM DRAIN PIPING AND DITCH ONLY REQUIRES 2 TESTS PER LIFT.
2. STORM DRAIN PIPING FOR WEIR INSTALLATION IS PLACED ON THE STILLING POND SIDE OF THE DIVIDER DIKE. BEDDING MAY BE DUMPED INTO THE TRENCHES. DO NOT PLACE DUMPED MATERIAL BENEATH ANY ROADWAYS.

NOTES:

1. FOR ADDITIONAL NOTES SEE 10W425-79.
2. CHAIN SHALL BE HIGH STRENGTH GRADE 80 ALLOY STEEL CHAIN TRADE SIZE 9/32", .28"Ø, 3500 LB WLL, McMASTER-CARR, PART #5457T3.
3. FOR WEIR REPLACEMENT NOTES, SEE 10W425-77.
4. WATER STOP SHALL BE AKWASTOP GASKET WATERSTOP AS MANUFACTURED BY CETCO. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. L SECTION SHALL BE GALVANIZED FINISH. TOUCH UP AREAS WHERE GALVANIZED FINISH IS REMOVED DURING CONSTRUCTION WITH ZINC RICH PAINT.

NOTES:

1. FILTER FABRIC FENCE TO BE PLACED PRIOR TO THE START OF ROUGH GRADING.
2. STEEL POSTS SHALL BE METAL "T" POSTS – 6'-0" LONG.
3. POSTS SHALL BE PLACED AT 4' INTERVALS MAX.
4. WIRE FABRIC AND FILTER FABRIC SHALL BE SECURELY BOUND TO POSTS WITH EITHER STAPLES OR WIRE TIES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONDITION OF FILTER FABRIC FENCE IN A CONDITION THAT IS SATISFACTORY TO TVA UNTIL FINAL ACCEPTANCE OF WORK. REMOVE SEDIMENT WHEN SEDIMENT HEIGHT IS ONE-THIRD THE HEIGHT OF THE FENCE.
6. FILTER FABRIC SHALL BE A CLASS A FABRIC IN ACCORDANCE WITH TVA SPECIFICATION T-1, SECTION 571.

2/16/05

R0 ISSUED FOR DREDGE CELL EXPANSION — DRS JLM WET HLP REF JGA

SCALE: NOT TO SCALE EXCEPT AS NOTED

YARD

DREDGE CELL
WEIR REPLACEMENT
CROSS SECTIONS AND DETAILS

DESIGNED BY	DRAWN BY	CHECKED BY	SUPERVISED BY	REVIEWED BY	APPROVED BY	ISSUED BY
D.R. SMITH	J.L. MILES	W.E. TAYLER	H. PETTY	R.A. PURKEY	J.G. ADAIR	

KINGSTON FOSSIL PLANT
TENNESSEE VALLEY AUTHORITY
FOSSIL AND HYDRO ENGINEERING

AUTOCAD R14 | 36 | C | 10W425-80 | R0

PLOT FACTOR:1

C.A.D. DRAWING DO NOT ALTER MANUALLY

PARSONS | 0
TASK COMPLETED BY: | REV NO