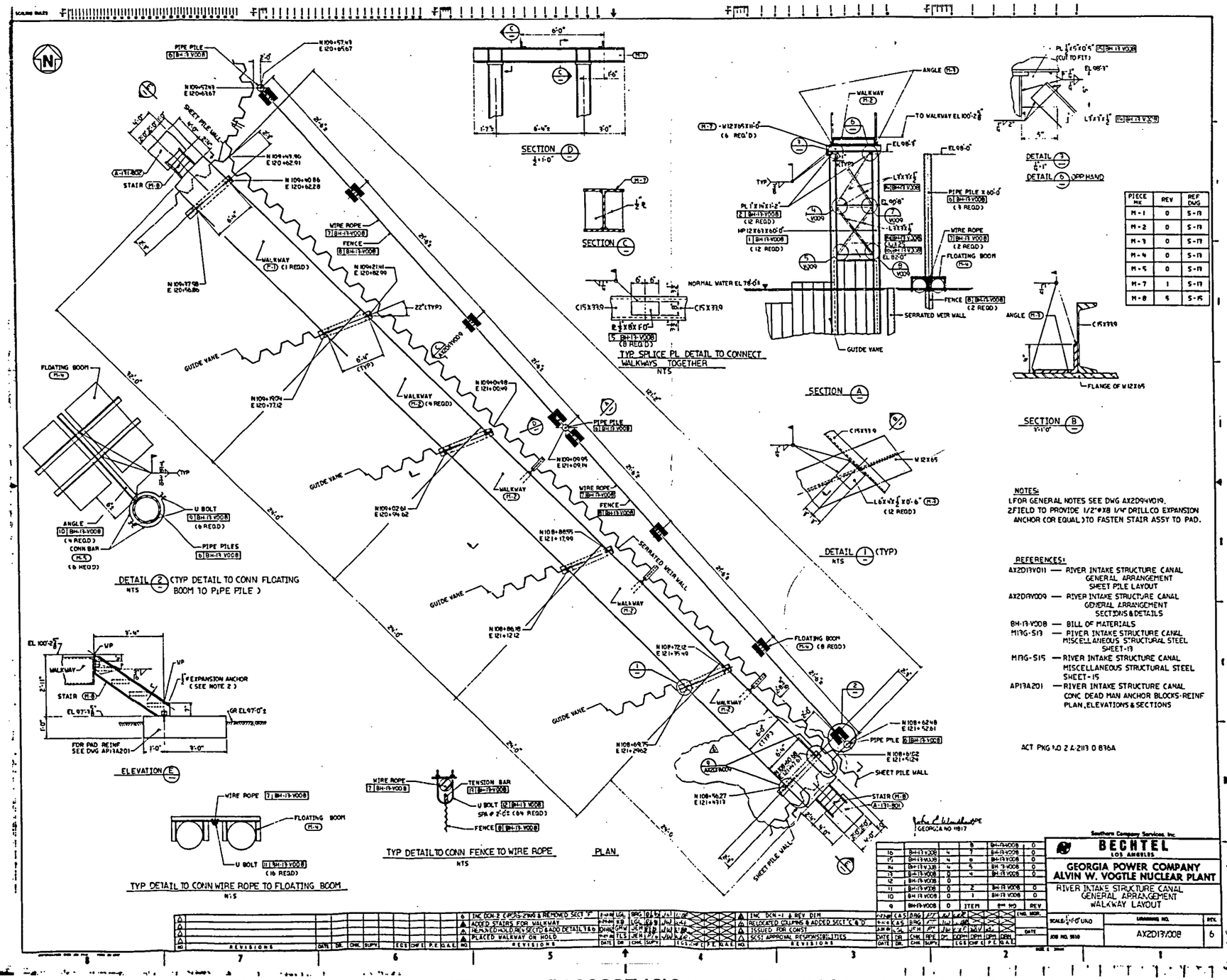

PIECE MK	REV	REF DWG
M-1	0	S-13
M-2	0	S-13
M-3	0	S-13
M-4	0	S-13
M-5	0	S-13
M-7	1	S-13
M-8	5	S-15

NO			ITEM	BM NO	REV
15	8H-13-V008	4	7	8H-13-V008	0
15	8H-13-V008	4	6	8H-13-V008	0
14	8H-13-V008	4	5	8H-13-V008	0
13	8H-13-V008	0	4	8H-13-V008	0
12	8H-13-V008	0			
11	8H-13-V008	0	2	8H-13-V008	0
10	8H-13-V008	0	1	8H-13-V008	0
9	8H-13-V008	0			

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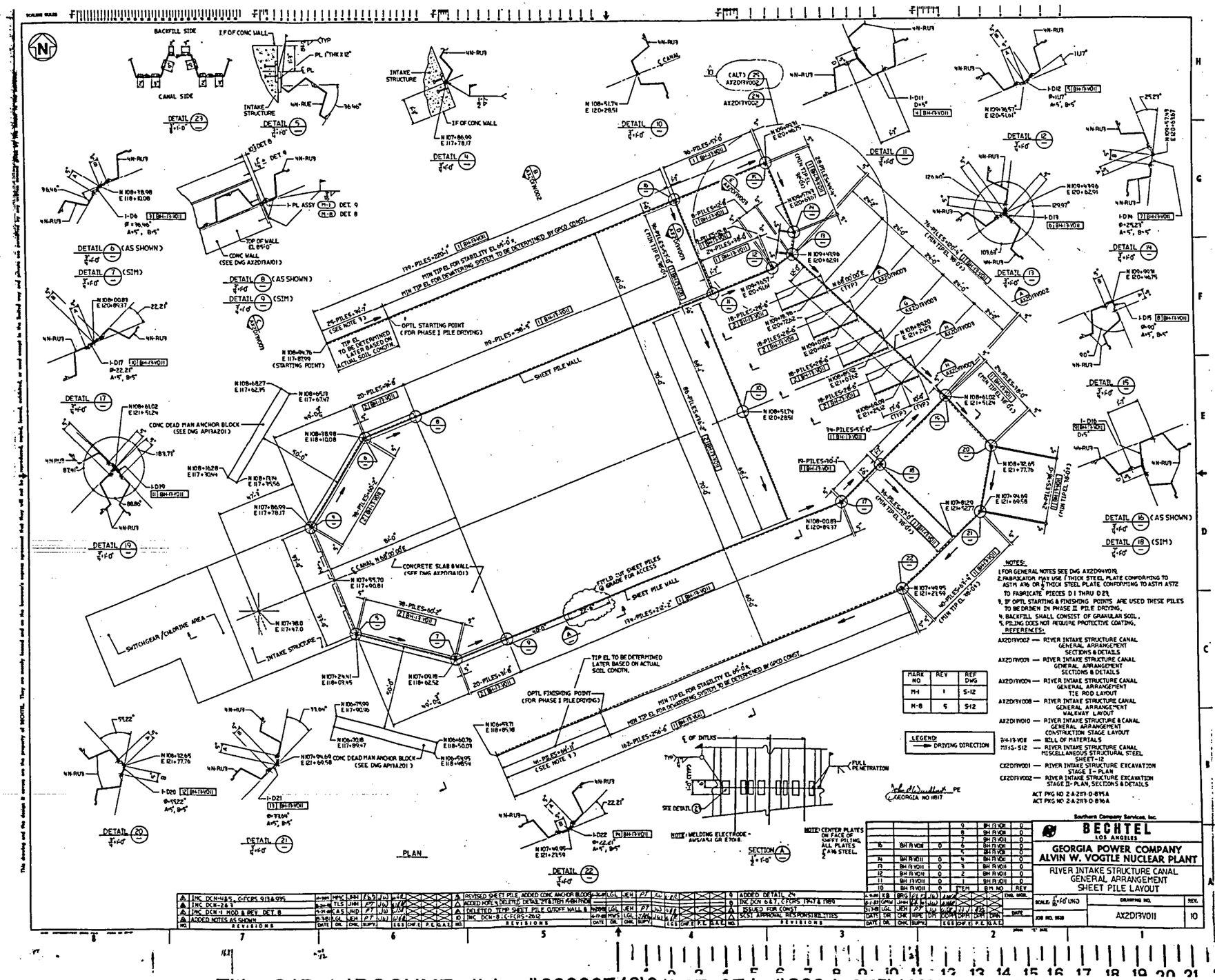

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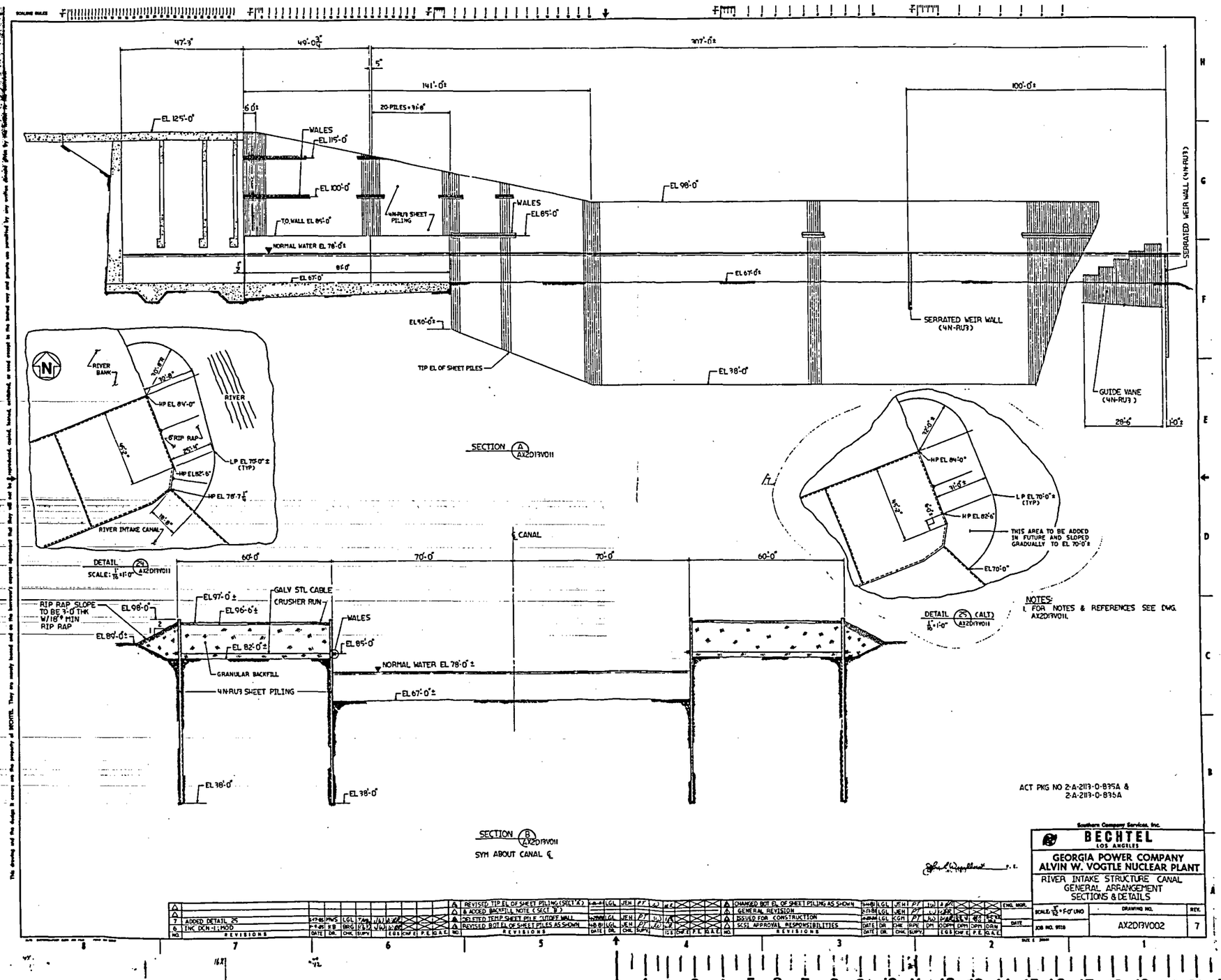

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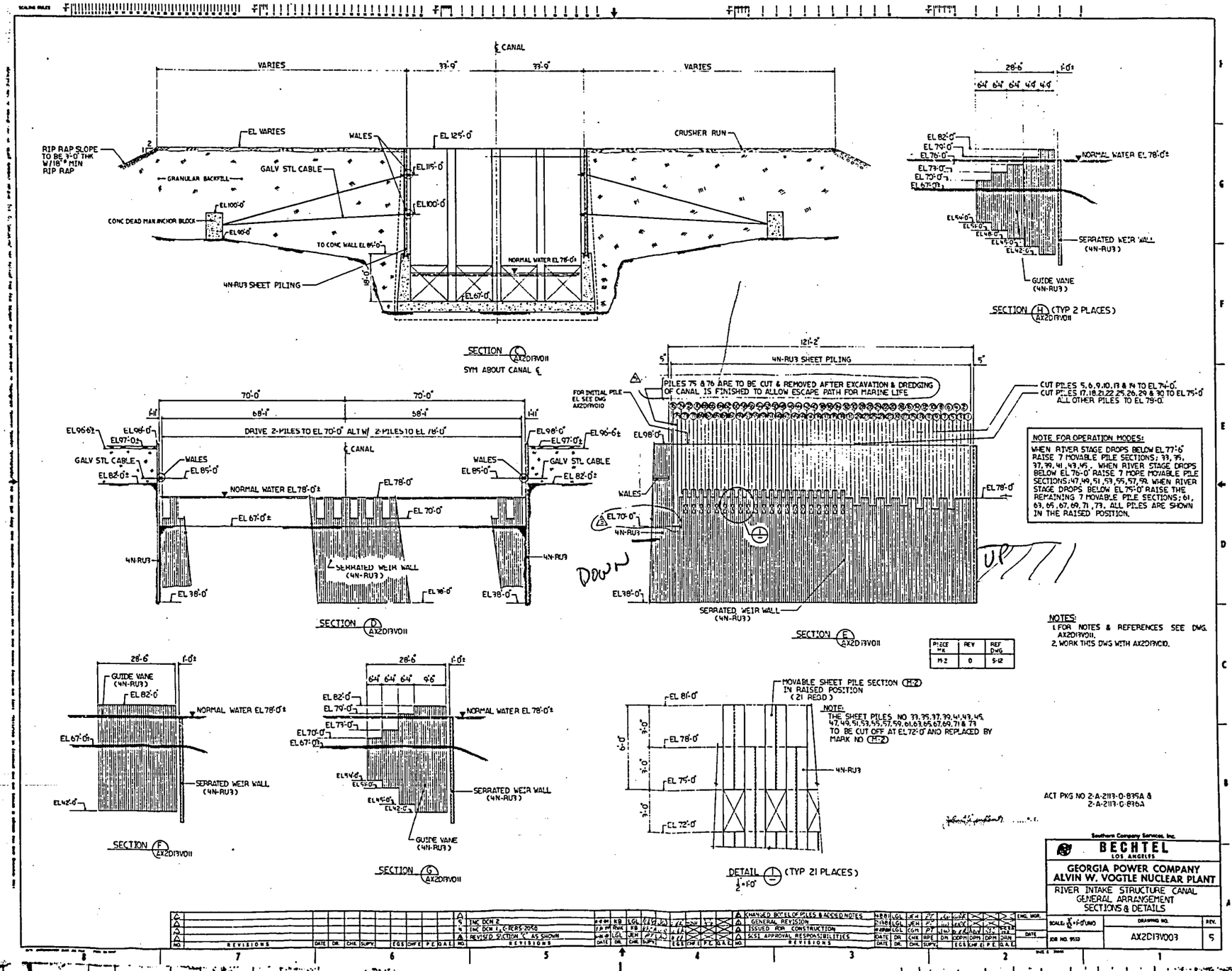
℄ CANAL
VARIES
33'-9"
33'-9"
VARIES
EL VARIES
WALES
EL 125'-0"
CRUSHER RUN
RIP RAP SLOPE TO BE 3'-0" THK W/18" MIN RIP RAP
GALV STL CABLE
GRANULAR BACKFILL
EL 115'-0"
EL 100'-0"
EL 100'-0"
CONC DEAD MAN ANCHOR BLOCK
EL 90'-0"
TO CONC WALL EL 85'-0"
NORMAL WATER EL 78'-0"±
4N-RU3 SHEET PILING
18'-0"
EL 67'-0"
SECTION C AX2D13V011
SYM ABOUT CANAL ℄
28'-6"
1'-0"±
6'-4" 6'-4" 6'-4" 4'-6" 4'-6"
EL 82'-0"
EL 79'-0"
EL 76'-0"
EL 73'-0"
EL 70'-0"
EL 67'-0"
NORMAL WATER EL 78'-0"±
EL 54'-0"
EL 51'-0"
EL 48'-0"
EL 45'-0"
EL 42'-0"
SERRATED WEIR WALL (4N-RU3)
GUIDE VANE (4N-RU3)
SECTION H AX2D13V011 (TYP 2 PLACES)
121'-2"
5"
4N-RU3 SHEET PILING
5"
PILES 75 & 76 ARE TO BE CUT & REMOVED AFTER EXCAVATION & DREDGING OF CANAL IS FINISHED TO ALLOW ESCAPE PATH FOR MARINE LIFE
FOR INITIAL PILE EL SEE DWG AX2D13V010
CUT PILES 5,6,9,10,13 & 14 TO EL 74'-0".
CUT PILES 17,18,21,22,25,26,29 & 30 TO EL 75'-0"
ALL OTHER PILES TO EL 79'-0".
EL 98'-0"
EL 78'-0"
WALES
EL 70'-0"
4N-RU3
EL 38'-0"
SERRATED WEIR WALL (4N-RU3)
SECTION E AX2D13V011
70'-0"
70'-0"
1'-1"
68'-1"
58'-1"
1'-1"
DRIVE 2-PILES TO EL 70'-0" ALT W/ 2-PILES TO EL 78'-0"
EL 96'-6"±
EL 98'-0"
EL 97'-0"±
EL 98'-0"
EL 96'-6"±
EL 97'-0"±
℄ CANAL
GALV STL CABLE
WALES
EL 85'-0"
WALES
EL 85'-0"
GALV STL CABLE
EL 82'-0"±
EL 82'-0"±
NORMAL WATER EL 78'-0"±
EL 78'-0"
EL 67'-0"±
EL 70'-0"
4N-RU3
SERRATED WEIR WALL (4N-RU3)
4N-RU3
EL 38'-0"
EL 78'-0"
EL 38'-0"
SECTION D AX2D13V011
DOWN
UP
NOTE FOR OPERATION MODES:
WHEN RIVER STAGE DROPS BELOW EL 77'-6" RAISE 7 MOVABLE PILE SECTIONS; 33, 35, 37, 39, 41, 43, 45. WHEN RIVER STAGE DROPS BELOW EL 76'-0" RAISE 7 MORE MOVABLE PILE SECTIONS; 47, 49, 51, 53, 55, 57, 59. WHEN RIVER STAGE DROPS BELOW EL 75'-0" RAISE THE REMAINING 7 MOVABLE PILE SECTIONS; 61, 63, 65, 67, 69, 71, 73. ALL PILES ARE SHOWN IN THE RAISED POSITION.
NOTES:
1. FOR NOTES & REFERENCES SEE DWG. AX2D13V011.
2. WORK THIS DWG WITH AX2D13V010.
PIECE MK | REV | REF DWG
M-2 | 0 | S-12
28'-6"
1'-0"±
GUIDE VANE (4N-RU3)
EL 82'-0"
NORMAL WATER EL 78'-0"±
EL 67'-0"
SERRATED WEIR WALL (4N-RU3)
EL 42'-0"
SECTION F AX2D13V011
28'-6"
1'-0"±
6'-4" 6'-4" 6'-4" 4'-6"
EL 82'-0"
EL 79'-0"
EL 73'-0"
EL 70'-0"
EL 67'-0"
NORMAL WATER EL 78'-0"±
EL 54'-0"
EL 51'-0"
EL 48'-0"
EL 45'-0"
EL 42'-0"
SERRATED WEIR WALL (4N-RU3)
GUIDE VANE (4N-RU3)
SECTION G AX2D13V011
MOVABLE SHEET PILE SECTION (M-2) IN RAISED POSITION (21 REQD)
EL 81'-0"
EL 78'-0"
EL 75'-0"
EL 72'-0"
6'-0"
3'-0"
3'-0"
3'-0"
4N-RU3
NOTE:
THE SHEET PILES NO 33,35,37,39,41,43,45, 47,49,51,53,55,57,59,61,63,65,67,69,71 & 73 TO BE CUT OFF AT EL 72'-0" AND REPLACED BY MARK NO (M-2)
DETAIL 1 (TYP 21 PLACES)
1/2"=1'-0"
ACT PKG NO 2-A-2113-0-895A & 2-A-2113-0-896A
Southern Company Services, Inc.
BECHTEL LOS ANGELES
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT
RIVER INTAKE STRUCTURE CANAL
GENERAL ARRANGEMENT
SECTIONS & DETAILS
SCALE: 1/2"=1'-0" UNO
DRAWING NO. AX2D13V003
REV. 5
JOB NO. 9513
REVISIONS
NO | REVISIONS | DATE | DR. | CHK | SUPV | EGS | CHF E | P.E. | QAE
5 | INC DCN 2 | 4-6-06 | KB | LGL | JEH | PT | 4-6-06 | 4-6-06 | 4-6-06 | 4-6-06 | 4-6-06
4 | INC DCN 1, C-RAS-2060 | 12-19-05 | RMK | KB | 12-19-05 | 12-19-05 | 12-19-05 | 12-19-05 | 12-19-05
3 | REVISED SECTION "C" AS SHOWN | 4-6-06 | LGL | JEH | PT | 4-6-06 | 4-6-06 | 4-6-06 | 4-6-06
2 | CHANGED BOTTOM OF PILES & ADDED NOTES | 4-28-06 | LGL | JEH | PT | 4-28-06 | 4-28-06 | 4-28-06 | 4-28-06
1 | GENERAL REVISION | 3-13-06 | LGL | JEH | PT | 3-13-06 | 3-13-06 | 3-13-06 | 3-13-06
0 | ISSUED FOR CONSTRUCTION | 12-19-05 | LGL | CGM | PT | 12-19-05 | 12-19-05 | 12-19-05 | 12-19-05
A | SCS1 APPROVAL RESPONSIBILITIES | DATE | DR | CHK | APE | DN | DPM | DPM | DPM | DAN | DATE
ENG. MOD.
DATE | DR. | CHK. | SUPV. | EGS | CHF E | P.E. | QAE
SIZE E 36x48
Title: C:\Data\DOCUME~1\dmcl\00003746\91b87e97.hst\806da075\AX2D13~4.CAL