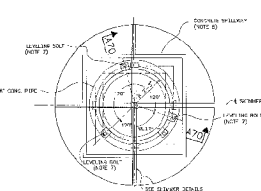
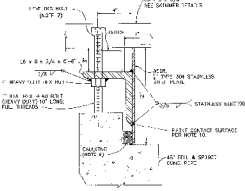


SECTION A70



DETAIL B70 WEIR DETAILS



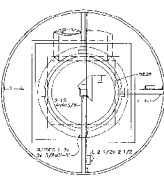
DETAIL C70

WEIR DISCHARGE
IN CUBIC FEET PER SECOND

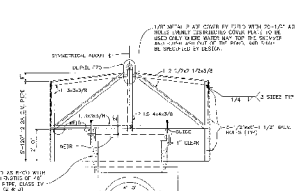
| WEIR HEAD (FT) | DISCHARGE (CFS) |
|----------------|-----------------|
| 0.0 | 0.0 |
| 0.1 | 1.14 |
| 0.2 | 4.41 |
| 0.3 | 9.87 |
| 0.4 | 17.64 |
| 0.5 | 27.60 |
| 0.6 | 39.87 |
| 0.7 | 54.45 |
| 0.8 | 71.34 |
| 0.9 | 90.54 |
| 1.0 | 112.05 |
| 1.1 | 135.87 |
| 1.2 | 162.00 |
| 1.3 | 190.54 |
| 1.4 | 221.49 |
| 1.5 | 254.85 |
| 1.6 | 290.64 |
| 1.7 | 328.86 |
| 1.8 | 369.51 |
| 1.9 | 412.61 |
| 2.0 | 458.16 |
| 2.1 | 506.27 |
| 2.2 | 556.94 |
| 2.3 | 610.17 |
| 2.4 | 666.00 |
| 2.5 | 724.41 |
| 2.6 | 785.41 |
| 2.7 | 849.00 |
| 2.8 | 915.19 |
| 2.9 | 984.00 |
| 3.0 | 1055.41 |

BILL OF MATERIAL

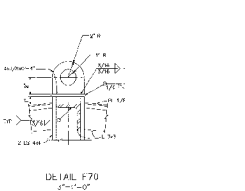
| ITEM NO. | DESCRIPTION | UNIT | QUANTITY | PRICE | TOTAL |
|----------|-------------|--------------|----------|-------|--------|
| 1 | WEIR | LINEAL FEET | 100 | 1.00 | 100.00 |
| 2 | SKIMMER | NO. OF UNITS | 1 | 5.00 | 5.00 |
| 3 | SPILLWAY | LINEAL FEET | 100 | 1.00 | 100.00 |
| 4 | CONCRETE | CY | 100 | 1.00 | 100.00 |
| 5 | STEEL | LB | 100 | 1.00 | 100.00 |



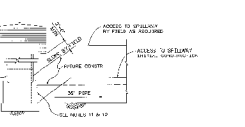
SECTIONAL PLAN



SECTIONAL ELEVATION DETAIL D70 SKIMMER DETAILS



DETAIL F70



DETAIL L70 TYPICAL SECTION FOR ACCESS TO SPILLWAY

H-111 HAS LIST

| ITEM NO. | DESCRIPTION | UNIT | QUANTITY | PRICE | TOTAL |
|----------|-------------|------|----------|-------|--------|
| 1 | STEEL | LB | 100 | 1.00 | 100.00 |
| 2 | CONCRETE | CY | 100 | 1.00 | 100.00 |

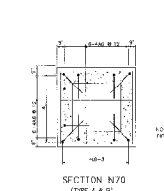
TYPE A SPILLWAYS

H-111 HAS LIST

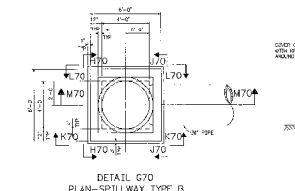
| ITEM NO. | DESCRIPTION | UNIT | QUANTITY | PRICE | TOTAL |
|----------|-------------|------|----------|-------|--------|
| 1 | STEEL | LB | 100 | 1.00 | 100.00 |
| 2 | CONCRETE | CY | 100 | 1.00 | 100.00 |

TYPE B SPILLWAYS

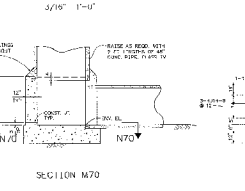
- NOTES:**
1. ALL SECTION D - 20\"/>
 2. ALL SECTION OF 48\"/>
 3. ALL ADDITIONAL SECTIONS OF 48\"/>
 4. ALL SPILLWAYS SHALL BE MAINTAINED.
 5. FOR SPILLWAY DETAILS SEE STD. DWG. 10-011.
 6. GALVANIZING SHALL BE DONE FULLY AROUND THE WEIR AND FOR A WATER TIGHT SEAL.
 7. WHEN THE WEIR IS DETAILLED THE TOP SHALL BE LEVEL WITH THE TOP OF THE WEIR.
 8. ALL WEIR BY THE FIELD SHALL BE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATION FOR THIS PROJECT.
 9. ALL WEIR BY THE FIELD SHALL BE VISUAL INSPECTION.
 10. ALL SURFACES OF FABRICATED STEEL SHALL BE PAINTED IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATION FOR THIS PROJECT.
 11. EXHAUST AREA WEIR SHALL BE CONSTRUCTED BY CONSULTING WITH THE ASH DISPOSAL AREA DESIGNER AND THE INSTALLER AND DESIGNER OF THE ASH DISPOSAL AREA SHALL BE THE RESPONSIBLE PARTY FOR THE DESIGN OF THE ASH DISPOSAL AREA.
 12. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 1-11 SPECIFICATIONS UNLESS OTHERWISE NOTED.
 13. ALL CONCRETE SHALL BE CLASS 70 IN ACCORDANCE WITH SECTION 400.
 14. ALL REINFORCEMENT SHALL CONFORM TO ASTM SPECIFICATION AND'S GRADE OR EQUIVALENT.
 15. DIMENSIONS THROUGH ARE TO THE CENTERLINE OF MEMBER UNLESS OTHERWISE NOTED.
 16. DIMENSIONS THROUGH ARE TO THE CENTERLINE OF MEMBER UNLESS OTHERWISE NOTED.
 17. DIMENSIONS THROUGH ARE TO THE CENTERLINE OF MEMBER UNLESS OTHERWISE NOTED.
 18. DIMENSIONS THROUGH ARE TO THE CENTERLINE OF MEMBER UNLESS OTHERWISE NOTED.
 19. DIMENSIONS THROUGH ARE TO THE CENTERLINE OF MEMBER UNLESS OTHERWISE NOTED.
 20. DIMENSIONS THROUGH ARE TO THE CENTERLINE OF MEMBER UNLESS OTHERWISE NOTED.



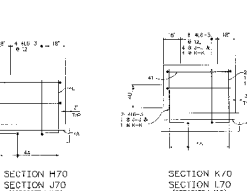
SECTION M70 (TYPE A & B)



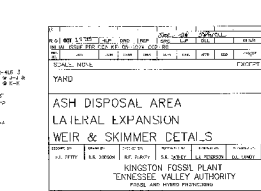
DETAIL G70 PLAN-SPILLWAY TYPE B



SECTION N70



SECTION H70 SECTION J70 (CONCRETE WEIR)



SECTION K70 (CONCRETE WEIR)

YARD

ASH DISPOSAL AREA

LAIBRAL EXPANSION

WEIR & SKIMMER DETAILS

DATE: 10/10/00
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 PROJECT: KINGSTON FOSSIL PLANT
 TENSILE VALLEY AUTHORITY
 PROJECT NO. 1000000000
 SHEET NO. 1000000000