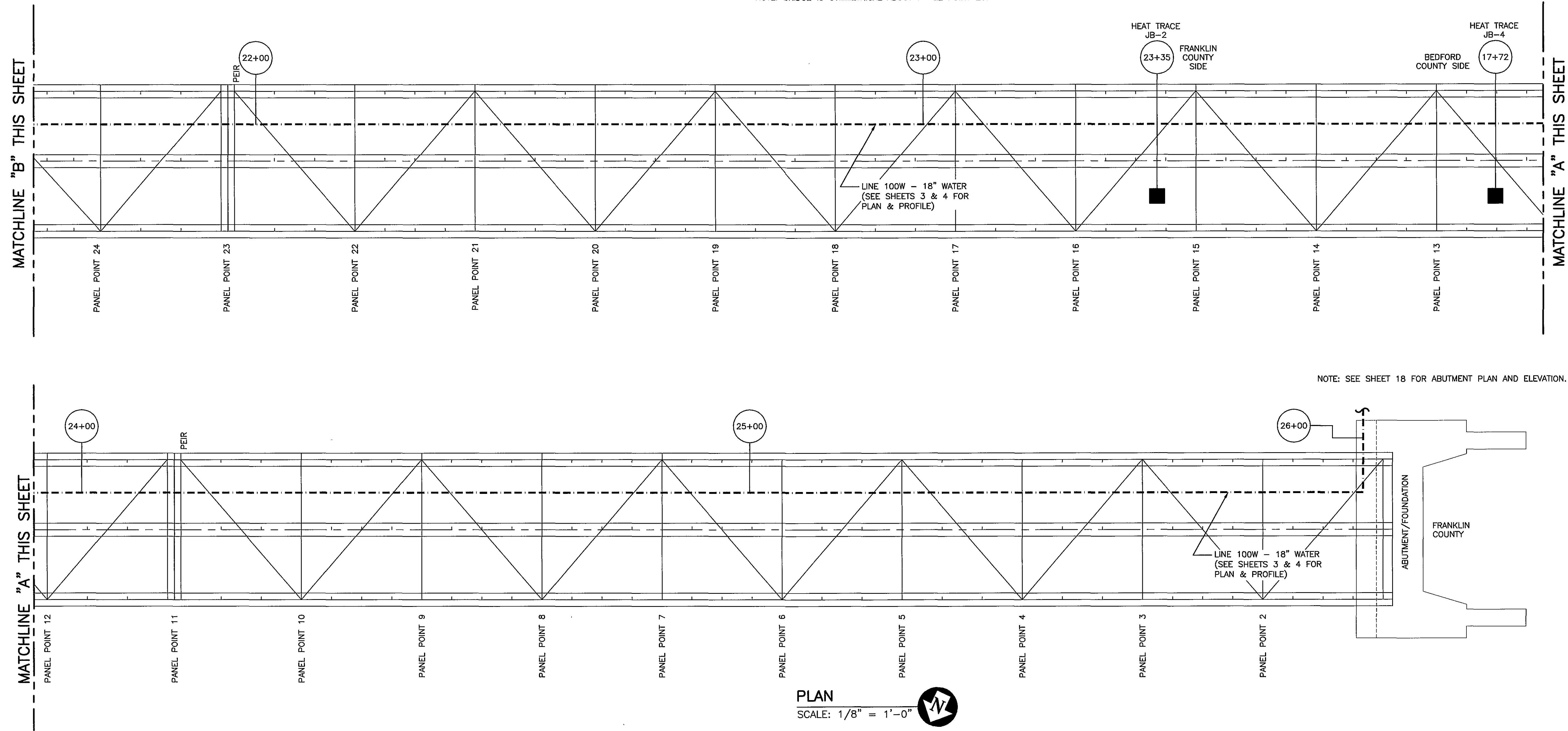
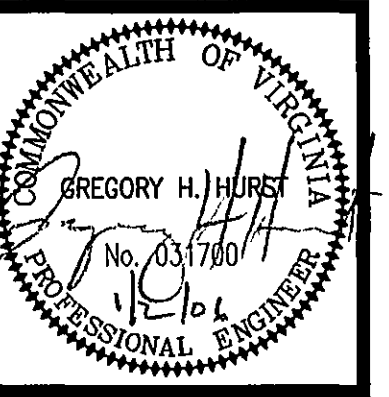


NOTES:

1. PIPE SHALL BE MECH-LOK RESTRAINED JOINT CEMENT LINED DUCTILE IRON PIPE WITH BITUMINOUS OUTER COAT AS MANUFACTURED BY GRIFFIN PIPE PRODUCTS CO. PIPE SHALL BE THICKNESS CLASS 50 (RATED PRESSURE SHALL BE 250 PSI) WITH A MINIMUM HYDROSTATIC TEST PRESSURE OF 225 PSI. PIPE SHALL MEET THE REQUIREMENTS OF ANSI A21.51/AWWA C151.
2. PIPE INSULATION SHALL CONSIST OF 2" OF RIGID FOAM EQUAL TO TRYMER 2000 AS MANUFACTURED BY DOW CHEMICAL COMPANY, OR APPROVED EQUAL.
3. JACKET MATERIAL AROUND INSULATION SHALL BE PROTO REGULAR PVC JACKETING OR APPROVED EQUAL.
4. EXPANSION JOINTS SHALL BE EX-TEND 200 AS MANUFACTURED BY EBAA IRON SALES, INC., OR APPROVED EQUAL. EXPANSION JOINTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
5. MISCELLANEOUS HARDWARE, SUCH AS ANGLES, RODS, AND BOLTS SHALL BE GALVANIZED UNLESS OTHERWISE SPECIFIED.
6. ANGLES SHALL MEET THE REQUIREMENTS OF ASTM A36.
7. HIGH STRENGTH BOLTS SHALL MEET THE REQUIREMENTS OF ASTM A325.
8. ALL THREAD RODS SHALL MEET THE REQUIREMENTS OF ASTM A307.
9. ROLLERS FOR 18" PIPE WITH 2" INSULATION COVER AND SADDLE SHALL HAVE A SHAFT DIAMETER OF 1 1/2".
10. ALL PIPE HANGER SUPPORTS SHALL BE CARBON STEEL.
11. PIPE HANGER SUPPORTS SHALL BE LOCATED AT EXISTING STIFFENERS 16"-0" CENTER TO CENTER (MAX.).
12. EXISTING BRIDGE CONSTRUCTION SHOWN ON THESE DRAWINGS IS BASED ON THE PLANS ENTITLED "AS-BUILT" PROPOSED BRIDGE RTE. 122 OVER ROANOKE RIVER - FRANKLIN CO. VIRGINIA STA. 34+30 RTE. 122 - PROJ. 0122-009-102, B601", DATED DEC. 1963.
13. CONTRACTOR SHALL FIELD VERIFY THAT NEW PIPE AND SUPPORTS WILL CLEAR ALL EXISTING BRIDGE CONSTRUCTION PRIOR TO FABRICATION.
14. PORTIONS OF STIFFENERS TO RECEIVE WELDS SHALL BE PROPERLY PREPARED IN ACCORDANCE WITH VDOT AND AWS SPECIFICATIONS. THE SIZE OF THE PREPARED AREA SHALL BE KEPT TO A MINIMUM. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER QUALIFIED TO WELD IN THE REQUIRED POSITIONS. AFTER COMPLETION OF WELDING, THE IMPACTED AREAS, INCLUDING STIFFENERS, PIPE SUPPORTS AND WELDS SHALL BE PAINTED IN ACCORDANCE WITH VDOT SPECIFICATIONS AND SHALL MATCH COLOR OF EXISTING STRUCTURE.



CONTRACT I



Thompson + Litton
Engineers
Architects
Planners

STATE ROUTE 122/BURNT CHIMNEY/SMITH MOUNTAIN LAKE
WATER DISTRIBUTION SYSTEM PROJECT
PHASE I
FOR THE
FRANKLIN COUNTY BOARD OF SUPERVISORS
BRIDGE CROSSING - PLAN

No.	Date	Revision
1	07/31/03	REVIEW DOCUMENTS ISSUED
2	07/27/04	VDOT COMMENTS 12/05/03
3	07/27/04	FINAL DOCUMENTS ISSUED
4	04/05/04	BID DOCUMENTS ISSUED
5	08/02/04	CONSTRUCTION DOCUMENTS ISSUED
6	12/02/05	RECORD DOCUMENTS ISSUED

Designed:
Drawn: Jan
Checked:
Date: JULY, 2003

Project No.
7363-03

Sheet No.
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