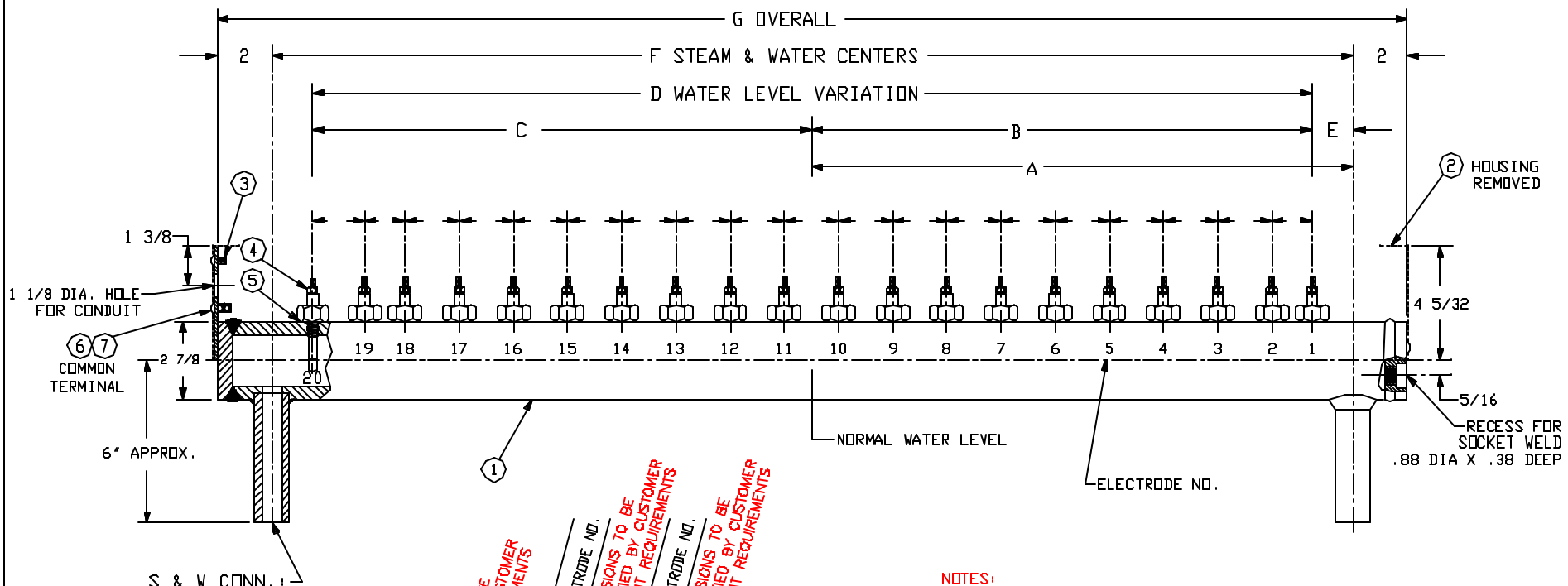
ELECTROLEV FURNISHED WITH 30-INCH,
HIGH-TEMPERATURE LEADS CONNECTED TO
EACH ELECTRODE FITTING
USE 18 A.W.G. TEFLON INSULATED WIRE
EL-450 & EL-1000 USE TYPE E
MIL-W-16878D
EL-1800 USE MIL-W-25038

BILL OF MATERIAL

ITEM	PART NO.	QTY.	DESCRIPTION	MATERIAL	DWG. NO.
1	EL-1P	1	BODY, SEAMLESS STEEL PIPE	ASTM A106	
2	ELF-2	1	ELECTRODE FITTING HOUSING	SHEET STL.	B-9124
3		2	SCREW,R.H. MACH. 10-24 X 3/8	BRASS	
4	*	20	ELECTRODE FITTING ASSEMBLY		
5	**	20	GASKET		
6		1	SCREW,R.H. MACH. 10-24 X 1/2	BRASS	
7		2	NUT, HEX 10-24	BRASS	



	DIMENSIONS TO BE SPECIFIED BY CUSTOMER TO SUIT REQUIREMENTS
A	
B	
C	
D	
E	
F	
G	

ELECTRODE NO.	DIMENSIONS TO BE SPECIFIED BY CUSTOMER TO SUIT REQUIREMENTS	ELECTRODE NO.	DIMENSIONS TO BE SPECIFIED BY CUSTOMER TO SUIT REQUIREMENTS
10		20	
9		19	
8		18	
7		17	
6		16	
5		15	
4		14	
3		13	
2		12	
1		11	

NOTES:

1) FOR PRESSURES OVER 1800 PSI SEE ELF 3000 ELECTROLEV ASSEMBLY PER DWG. NO. B-9122
2) SHUTOFF VALVES SHOULD BE PLACED BETWEEN STEAM DRUM AND ELECTROLEV
3) MODEL NO.:
   (A) EL450-10 W.S.P. 0-450 P.S.I. AT 456°F.
   *T020 ELECTRODE ASSEMBLY
   **WGM-13 GASKET
   HYDROTEST @ 700 P.S.I.
   (B) EL1000-10 W.S.P. 451-1000 P.S.I. AT 545°F.
   *V020 ELECTRODE ASSEMBLY
   **E10-10 GASKET
   HYDROTEST @ 1500
   (C) EL1800-10 W.S.P. 1001-1800 P.S.I. AT 621°F.
   *Z020 ELECTRODE ASSEMBLY
   **E10-105 GASKET
   HYDROTEST @ 2700 P.S.I.
4) CUSTOMER TO SPECIFY:
   (A) MODEL OF ELECTROLEV
   (B) TYPE OF S & W CONN.
   (C) STD. OR W'PROOF HOUSING
5) MINIMUM SPACING BETWEEN PROBES IS 1"
6) MINIMUM DISTANCE BETWEEN TOP PROBE AND STEAM CONN. IS 1"
7) MINIMUM E DIMENSION IS 1"

THE CLARK-RELIANCE CORP.
STRONGSVILLE, OHIO U.S.A.

MODEL EL450, EL1000, & EL1800
20 PROBE ELECTROLEV ASSEMBLY

SCALE NONE	DATE
DRAWN BY	NO.
TRACED BY	
CHECKED BY	