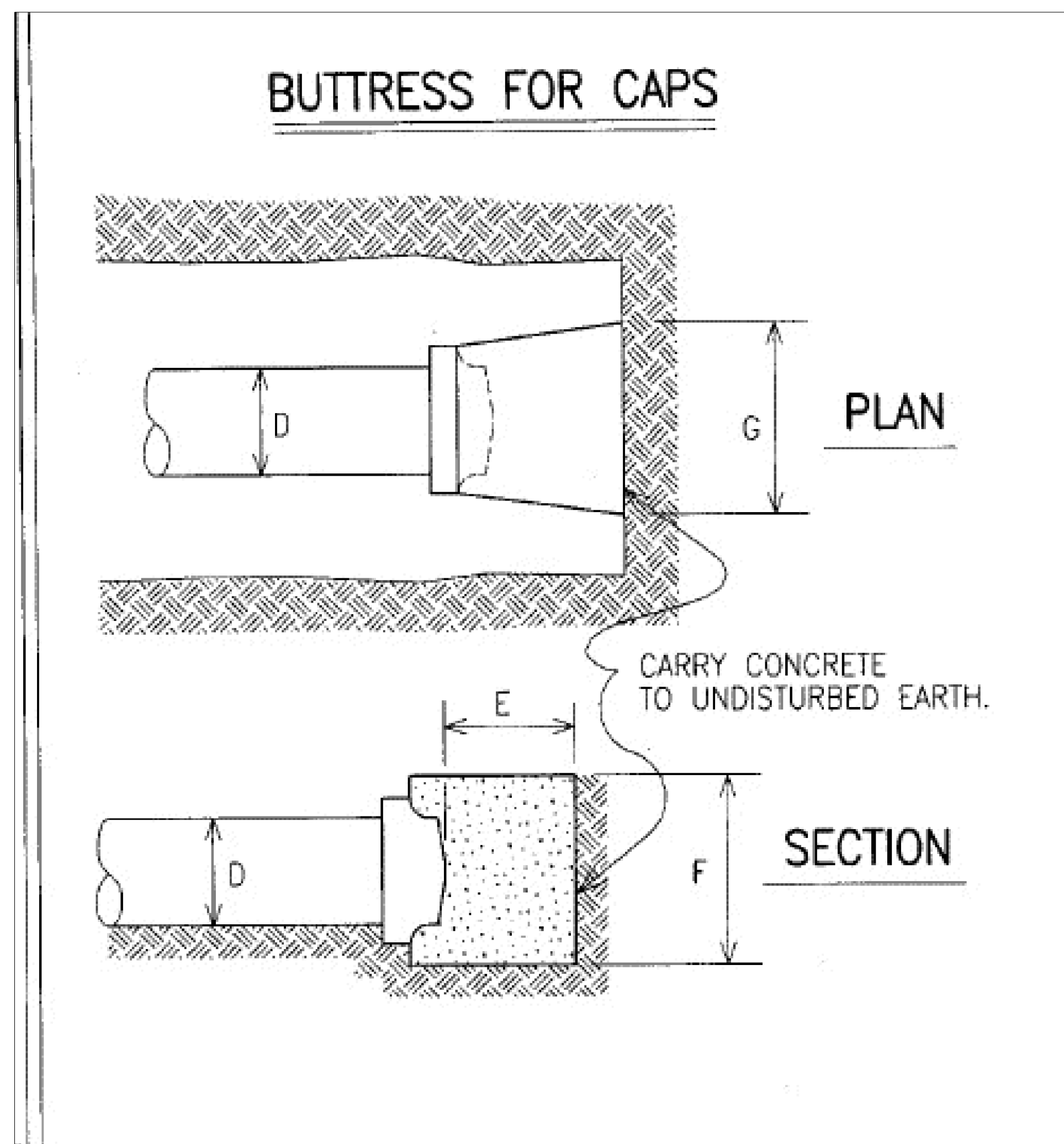


- NOTES**
- GLAND, BOLTS AND GASKET NOT REQUIRED ON THIS CAP UNLESS LEAKAGE IS PRESENT IN ABANDONED PIPE. FOR CAP DIAMETER > 12", JACK LOAD WITH BLOCKING ON CAPS.
 - O.D. MEASURED IN INCHES.
 - IN LIEU OF JACK, STEEL BLOCKING OF SAME CAPACITY MAY BE USED.

JACK TONNAGE CHART	
JACK TONNAGE @ 100 psi	$\frac{O.D.^2}{25}$ TONS
JACK TONNAGE @ 150 psi	$\frac{O.D.^2}{16}$ TONS
JACK TONNAGE @ 200 psi	$\frac{O.D.^2}{12}$ TONS

DOUBLE CAPS, JACK AND BUTTRESS

UTILITY CONSTRUCTION
 DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



BUTTRESS FOR CAPS									
D	6"	8"	10"	12"	16"	20"	24"	30"	36"
E	6"	8"	8"	10"	1'-1"	1'-4"	1'-8"	2'-4"	2'-11"
F	1'-3"	1'-8"	2'-0"	2'-4"	3'-0"	3'-10"	4'-6"	5'-1"	6'-0"
G	1'-6"	2'-0"	2'-6"	3'-0"	4'-0"	4'-10"	5'-10"	7'-11"	9'-8"

BUTTRESS FOR CAPS DETAIL (PLATE W-5)