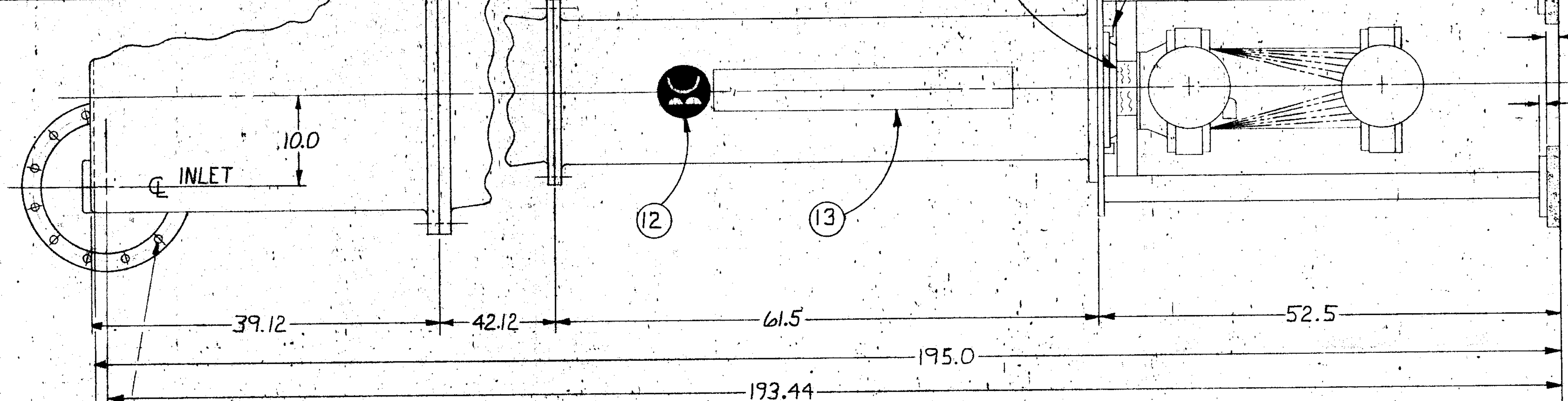
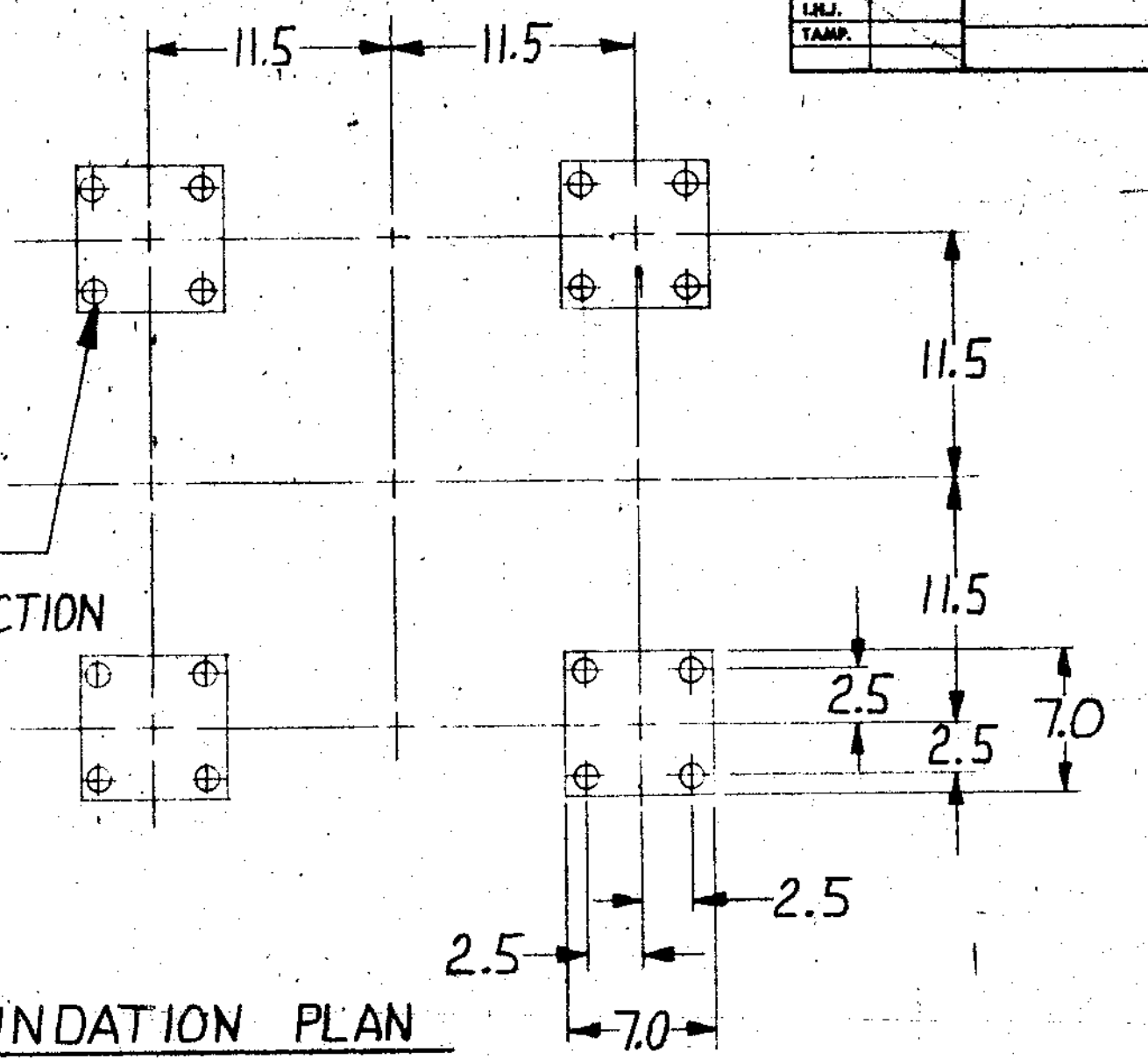


DATE	NO.	REVISION	ZONE	BY	CHK.
1-87	1	ADDED ITEM #23 & CHANGED #16 TO ASCO	H	S.M.	

DIV.	DATE	USED ON
B.C.I.		
B.C.E.		
C.P.		
L.M.		
T.M.P.		



(16) 3/4" DIA. ANCHOR BOLTS 2 1/2" PROJECTION ABOVE GROUT FURNISHED BY CUSTOMER.

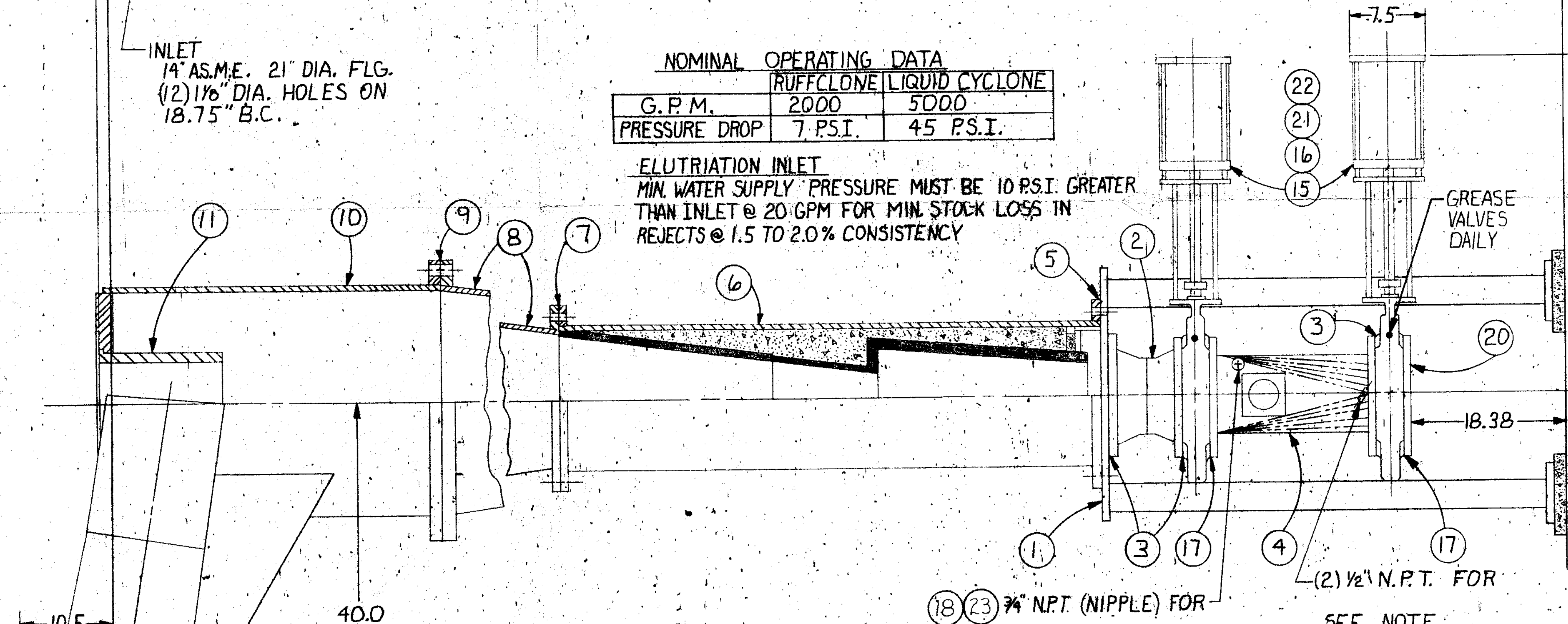


FOUNDATION PLAN

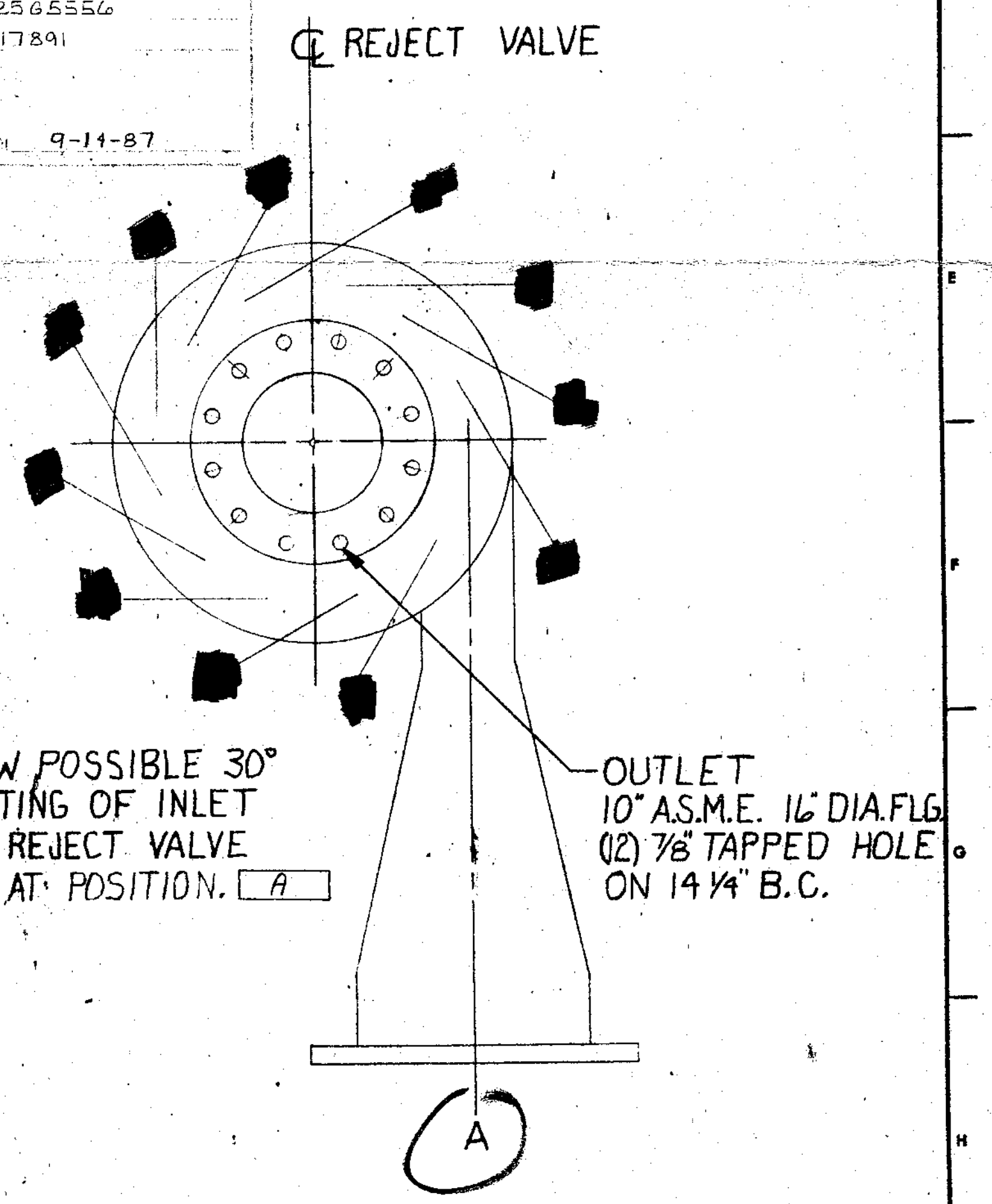
THIS ORIGINAL ISGUT IS FOR USE IN CONNECTION WITH THE CUSTOMER'S UNITED STATES GYPSUM MILL JACKSONVILLE, FL. QUIT 225 65556 DATE OF CERTIFICATION 9-11-87

NOMINAL OPERATING DATA		
	RUFFCLONE	LIQUID CYCLONE
G.P.M.	2000	5000
PRESSURE DROP	7 P.S.I.	45 P.S.I.

ELUTRIATION INLET
MIN. WATER SUPPLY PRESSURE MUST BE 10 P.S.I. GREATER THAN INLET @ 20 GPM FOR MIN. STOCK LOSS IN REJECTS @ 1.5 TO 2.0% CONSISTENCY



PLAN VIEW SHOW POSSIBLE 30° INCREMENT SETTING OF INLET IN RELATION TO REJECT VALVE LOCATE INLET AT POSITION. A



File 232

REF.	QTY	ITEM	DESCRIPTION
1	1	23	ASCO 3-WAY VALVE
2	1	22	ASSY. PROXIMITY SWITCH
3	1	21	HANNIFIN VALVE MODEL S-37
4	1	20	SQUARE FLANGE
5	1	19	VALVE PIPING SCHEMATIC
6	1	18	3/4" WATER SOLENOID VALVE
7	1	17	REJECT CHAMBER GASKET 1/8" THK.
8	1	16	ASCO 4-WAY VALVE
9	1	15	8" LHSE VALVE MOD. NAP-200
10	1	14	MULTI-PURPOSE NAME PLATE
11	1	13	CORP. NAME PLATE
12	1	12	CORP. EMBLEM
13	1	11	WEAR SLEEVE
14	1	10	INLET HEAD
15	1	9	INLET HEAD GASKET 1/8" x 25" ID x 32" OD
16	1	8	TOP CONE
17	1	7	TOP CONE GASKET 1/8" x 14 1/4" ID x 21 1/2" OD
18	1	6	CONE CARTRIDGE
19	1	5	CARTRIDGE GASKET 1/8" THK.
20	1	4	REJECT CHAMBER
21	1	3	REJECT GASKETS 1/8" THK.
22	1	2	REJECT NECK
23	1	1	BASE

NOTE:
WATER FLOW TO BE CONTROLLED BY HAND VALVE INSTALLED BY CUSTOMER. CHECK VALVES ARE RECOMMEND TO PREVENT STOCK FROM PLUGGING WATER LINES IN EVENT OF PRESSURE LOSS.

REF. DWG. 33-D-187140 & 33-D-188364

STANDARD TOLERANCE UNLESS OTHERWISE SPECIFIED		PATT. NO.	
FINISHED DIMENSIONS		CONFIDENTIAL	
ONE (1) DECIMAL DIMENSION	± .000"	This document, including all information contained therein, is the exclusive and confidential property of The Black Clawson Company of Middletown, Ohio, and the document and information are not to be copied, reproduced or delivered in whole or in part, except with express written permission and the document is to be returned promptly after having served the purpose for which delivered.	
TWO (2) DECIMAL DIMENSION	± .010"		
THREE (3) DECIMAL DIMENSION	± .003"		
ANGLES	± 1/2°		
UNFINISHED SURFACES	± .125"	SUPERSEDED BY DATE BY	
NO FINISH NORMALLY REQUIRED; CLEAN UP ONLY TO MAINTAIN DIMENSIONAL STABILITY OR TO REMOVE UNUSUAL SURFACE IRREGULARITIES.		SUPERSEDES DATE BY	
CUSTOMER UNITED STATES GYPSUM		SHOP ORDER 7417891	
SER. NO. 87-1344-S		THE BLACK CLAWSON COMPANY MIDDLETOWN, OHIO	
DATE 6-4-87		SUBJECT ASSY. NO. 25 LIQUID CYCLONE	
SCALE NONE		AND RUFFCLONE WITH AUTOMATIC REJECT	
DRAWN BY S. MACHEN		33 D-189327	
CHECKED R. HEND		REV. L	