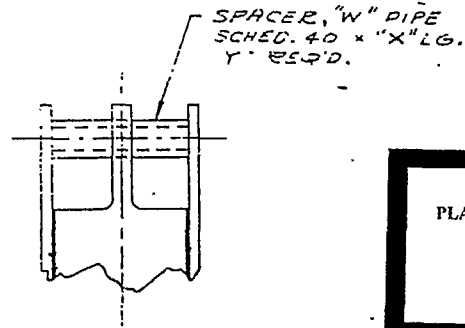
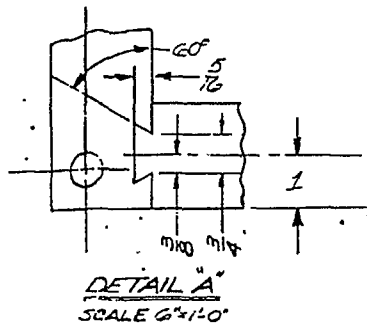


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PLAINTIFF'S EXHIBIT

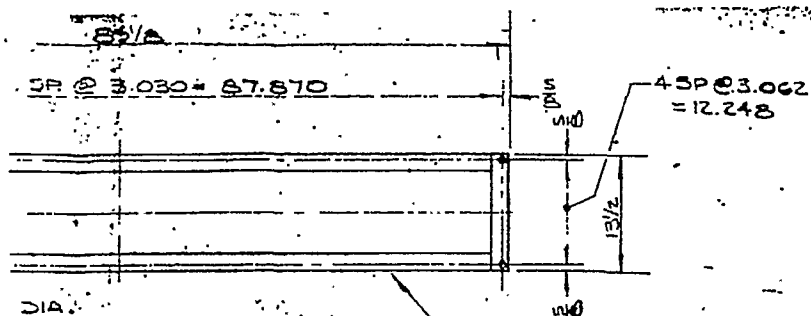
ASA-1029

FLS. MAT.	BOLTS & NUTS			SACKETS					SPACER		
	SIZE	MATL	QUAN.	MATL	TYPE	I.D.	O.D.	QUAN.	"W"	"X"	"Y"
HRS	3/4-10NC x 5 1/2" BOLT 3/4-10NC HEX NUT	STL	22	1/8" ASB	FULL	18 1/2	25	4	3	4 1/4	32
HRS	3/4-10NC x 7 1/2" BOLT 3/4-10NC HEX NUT	STL	112	1/8" ASB	FULL	30 1/2	39 1/4	12	1"	5 1/8	112
HRS	3/4-10NC x 7 1/2" BOLT 3/4-10NC HEX NUT	STL	180	1/8" ASB	FULL	24 1/2	32	18	1"	5 1/8	180
HRS	1/2-13NC x 1 3/4" BOLT 1/2-13NC HEX NUT	STL	53	1/8" ASB	FULL	24 1/2	28 1/4	2	-	-	-
HRS	1/2-13NC x 1 3/4" BOLT 1/2-13NC HEX NUT	STL	72	1/8" ASB	FULL	30 1/2	34 1/4	2	-	-	-
HRS	1/2-13NC x 1 1/2" BOLT 1/2-13NC HEX NUT	STL	84	1/8" ASB	FULL	30 1/2	40	2	-	-	-
HRS	1/2-13NC x 2 1/2" BOLT 1/2-13NC HEX NUT	STL	144	1/8" ASB	FULL	30 1/2	34 1/4	4	-	-	-
HRS	3/4-10NC x 2 3/4" BOLT 3/4-10NC HEX NUT	STL	120	1/8" ASB	FULL	20 1/2	27 1/2	6	-	-	-
HRS	3/8-16NC x 1 1/2" BOLT 3/8-16NC HEX NUT	STL	32	1/8" ASB	FULL	21 1/8	24	2	-	-	-
HRS	1/2-13NC x 3/4" BOLT 1/2-13NC HEX NUT	STL	108	1/8" ASB	FULL	30 1/2	34 1/4	3	-	-	-
HRS	1/2-13NC x 1 3/4" BOLT 1/2-13NC HEX NUT	STL	53	1/8" ASB	FULL	24 1/2	28 1/4	2	-	-	-
HRS		STL	40	1/8" ASB	FULL	24 1/4	28 1/4	2	-	-	-
HRS	3/4-10NC x 2 1/2" BOLT 3/4-10NC HEX NUT	STL	20	1/8" ASB	FULL	20 5/8	27 1/2	4	-	-	-
HRS	3/4-10NC x 2 1/2" BOLT 3/4-10NC HEX NUT	STL	16	1/8" ASB	FULL	30 1/2	35 1/4	1	-	-	-

4	DRIVE ORANGE TRANSITION	TRANSITION
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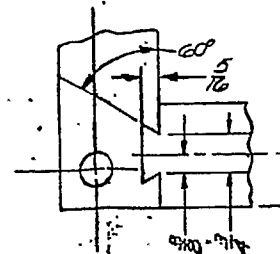
TRANSITIONS AND
GASKETS

SKETCH



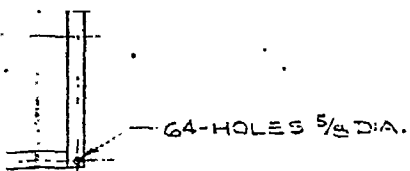
T STACK TRANSITION
3/16 THK HRS

ANGLE 2x2x1/4
x.85 1/2 LG. (2-REQD)



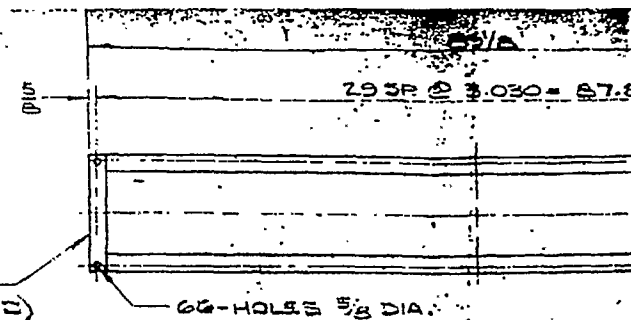
DETAIL A
SCALE 6x10

DUCT SIZE	FLG. O.D.	FLG. I.D.	FLG. THK.	NR. HOLES	DIA. HOLES	DIA. B.C.	CHORD	FLGS. REQD.	FLG. MATL.	BOLTS & NUTS	
										SIZE	MATL.
18" O.D.	25	18 5/8	3/8	16	7/8	22 3/4	4.438	4	HRS	3/4-10NC x 6 1/2" LG. BOLT 3/4-10NC HEX NUT	STL
30" O.D.	38 3/4	30 3/8	1/2	28	7/8	30	4.030	12	HRS	3/4-10NC x 7" LG. BOLT 3/4-10NC HEX NUT	STL
24" O.D.	32	24 1/8	3/8	20	7/8	29 1/2	4.614	18	HRS	3/4-10NC x 7 1/2" LG. BOLT 3/4-10NC HEX NUT	STL
24" O.D.	28 1/4	24 1/8	3/8	28	5/8	26 3/4	2.995	2	HRS	1/2-13NC x 13/4" LG. BOLT 1/2-13NC HEX NUT	STL
30" O.D.	34 1/4	30 1/8	1/2	36	5/8	32 3/4	2.854	2	HRS	1/2-13NC x 1 3/4" LG. BOLT 1/2-13NC HEX NUT	STL
36" O.D.	40 1/8	36 1/8	1/2	42	5/8	38 3/4	2.895	2	HRS	1/2-13NC x 1 1/2" LG. BOLT 1/2-13NC HEX NUT	STL
30" O.D.	34 1/4	30 1/8	1/2	36	5/8	32 3/4	2.854	4	HRS	1/2-13NC x 2 LG. BOLT 1/2-13NC HEX NUT	STL
20" O.D.	27 1/2	20 1/8	3/8	20	7/8	25	3.910	6	HRS	3/4-10NC x 2 3/4" LG. BOLT 3/4-10NC HEX NUT	STL
21" O.D.	24	21 1/8	3/8	16	7/8	22 3/4	4.438	2	HRS	3/4-10NC x 1 1/4" LG. BOLT 3/4-10NC HEX NUT	STL
26" O.D.	34 1/4	30 1/8	1/2	36	5/8	32 3/4	2.854	6	HRS	1/2-13NC x 1 3/4" LG. BOLT 1/2-13NC HEX NUT	STL
28" O.D.	29 1/4	24 1/8	3/8	28	5/8	26 3/4	2.995	4	HRS	1/2-13NC x 1 3/4" LG. BOLT 1/2-13NC HEX NUT	STL
24" O.D.	28 1/4	24 1/4	3/8	20	7/8	26 1/2	4.143	2	HRS		STL
20 1/2" O.D.	27 1/8	20 1/8	3/8	20	1 1/8	25 3/8	3.959	2	HRS	3/4-10NC x 2 1/2" LG. BOLT 3/4-10NC HEX NUT	STL
20" O.D.	35 1/8	30 1/2	7/8	16	1 1/8	33 1/4	6.457	1	HRS	3/4-10NC x 2 1/2" LG. BOLT 3/4-10NC HEX NUT	STL



ANGLE 2x2x1/4 -
x 76 3/16 LG. (2-REQ'D)

ANGLE 2x2x1/4
x 13 1/2 LG (2-REQ'D)



EXHAUST STACK TRANSI 3/16 THK HRS

ANGLE 2x2x1/4 ANGLE
x 13 1/2 LG. (1-REQ'D)

36-HOLES 5/8 DIA. EQ. SP.
STR 22 ON 32 3/4 B.C.
(CHORD = 2.354)

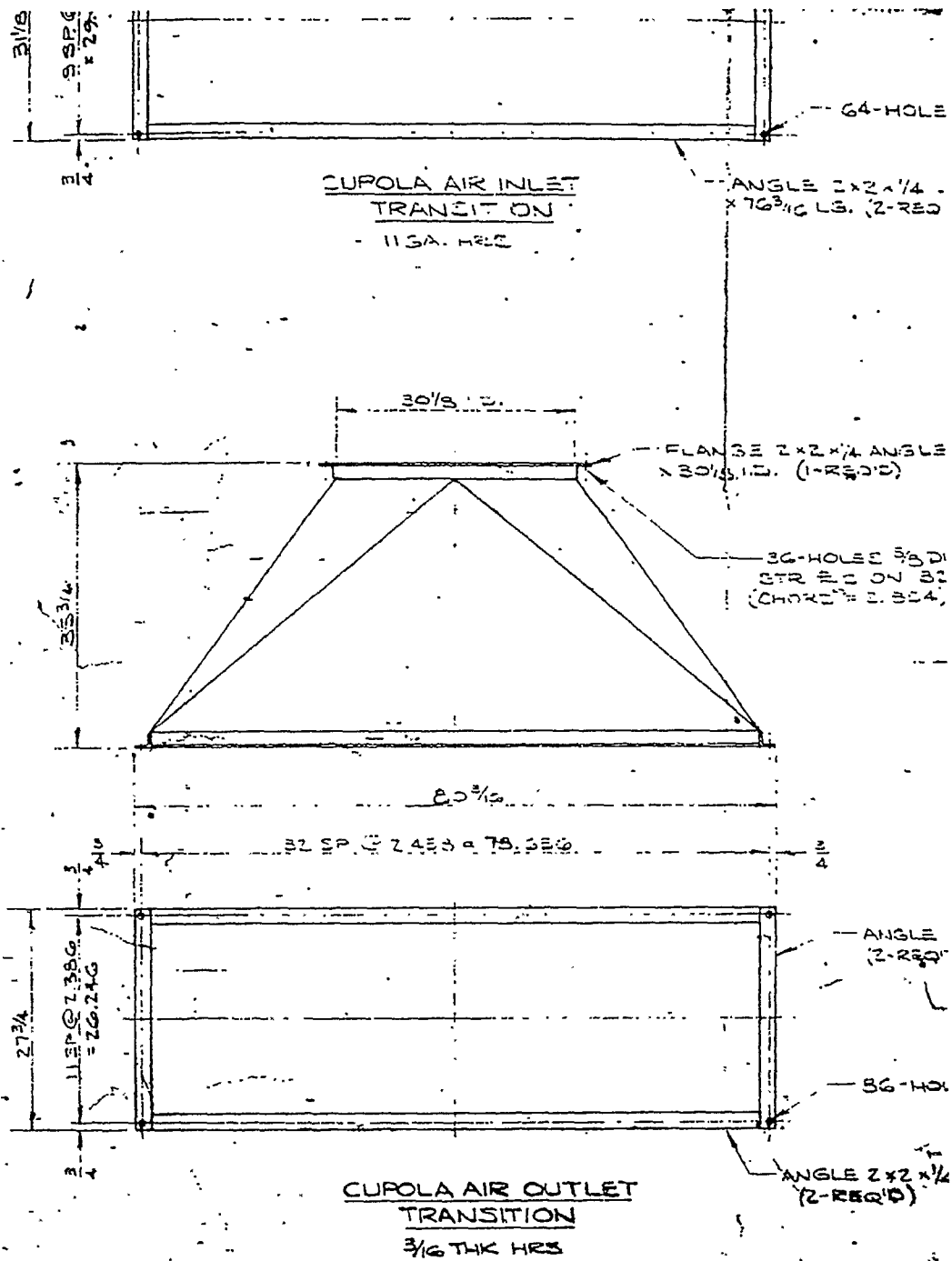


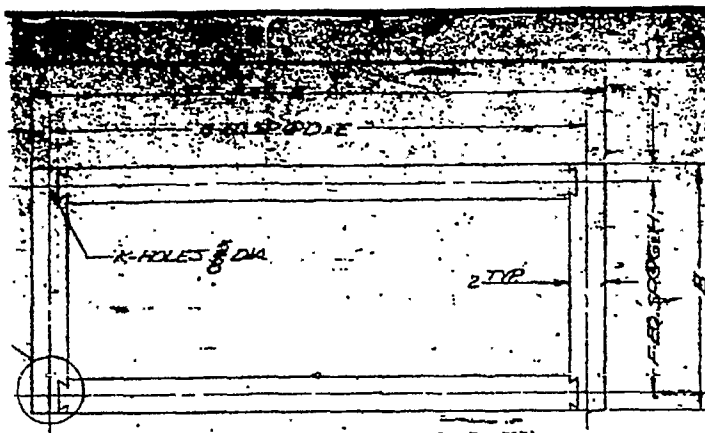
ANGLE 2x2x1/4 x 27 3/4 LG.
(2-REQ'D)

36-HOLES 5/8 DIA.

ANGLE 2x2x1/4 x 76 3/16 LG.
(2-REQ'D)

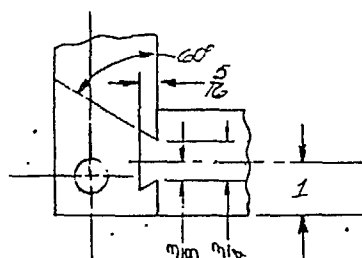
LOCATION	PART NO.	DUCT SIZE	FLG. O.D.	FLG. I.D.
18" DIA SPILL VALVE TO SPILL DUCT	D-6021-A	18" O.D.	25	18 3/8
30" DIA. HOT BLAST VALVE TO DUCT	D-6021-B	30" O.D.	38 3/4	30 3/8
24" DIA COLD AIR VALVE TO DUCT	D-6021-C	24" O.D.	32	24 1/2
INLET DUCT TO HEAT EXCHANGER MANIFOLD	D-6021-D	24" O.D.	28 1/4	24 1/2
OUTLET DUCT TO HEAT EXCHANGER MANIFOLD	D-6021-E	30" O.D.	34 1/4	30 1/2
EXHAUST STACK TO TRANSITION-PIECE	D-6021-F	36" O.D.	40 1/8	36 1/2
30" DIA. CHECK VALVE TO DUCT	D-6021-G	30" O.D.	34 1/4	30 1/2
SUCTION & DISCHARGE OF CUPOLA BLOWERS	D-6021-H	20" O.D.	27 1/2	20 1/2
INLET OF COMB. AIR BLOWER	D-6021-I	21" O.D.	24	21 1/2
CUPOLA BLOWER INTAKE ELBOW	D-6021-J	28" O.D.	34 1/4	30 1/2
COMB. AIR BLOWER INTAKE ELBOW	D-6021-K	24" O.D.	28 1/4	24 1/2
NEW TRANSITION TO HOT BLAST BUSTLE	D-6021-L	30" O.D.	38 1/4	30 1/2
FOXBORO AIR WEIGHT CONTROL VALVE 22C	D-6021-M	20" O.D.	27 1/2	20 1/2
MACHINE FLANGE FOR CUPOLA 3 1/2	D-6021-N	20" O.D.	35 1/2	30 1/2



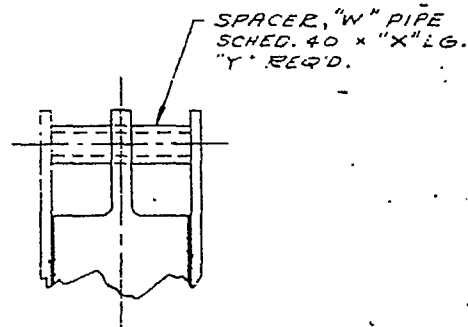


QTY	PART NO.	A	B	C	D	E	F	G	H	I	J	K	MAT'L	QUAN.
2	D-6021-X	80 1/8	15 1/2	29	3030	87.870	4	5.062	12.218	0.116	0.065	66	1/8 THK WIRE INSERTED ASBESTOS	2
2	D-6021-Y	80 3/8	31 1/8	29	3421	78.683	9	3.291	29.049	3/4	1/8	64	1/8 THK ASBESTOS	2
2	D-6021-Z	80 3/8	27 3/4	32	2458	75.636	11	2.386	26.246	1/8	1/8	84	1/8 THK WIRE INSERTED ASBESTOS	2

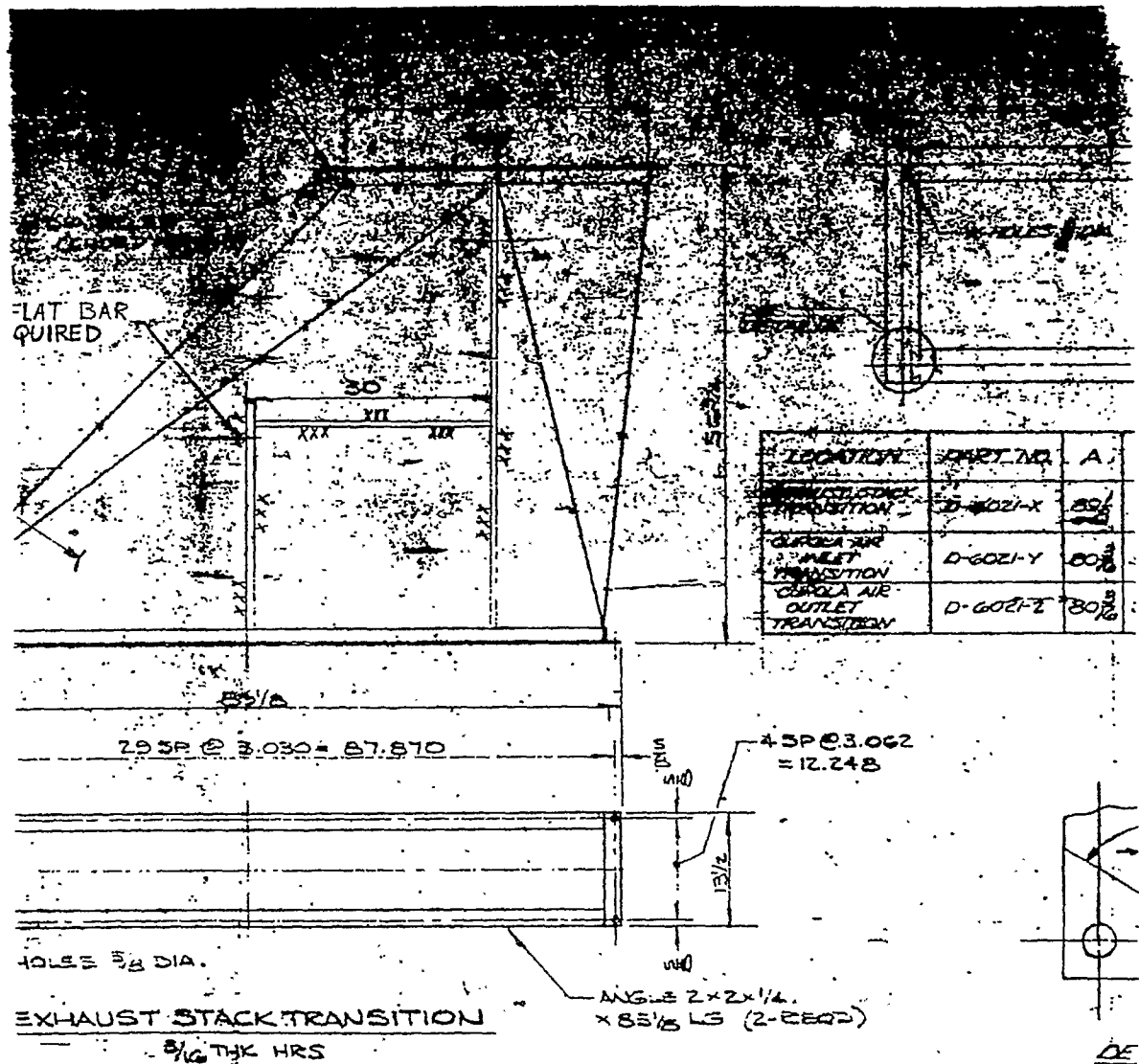
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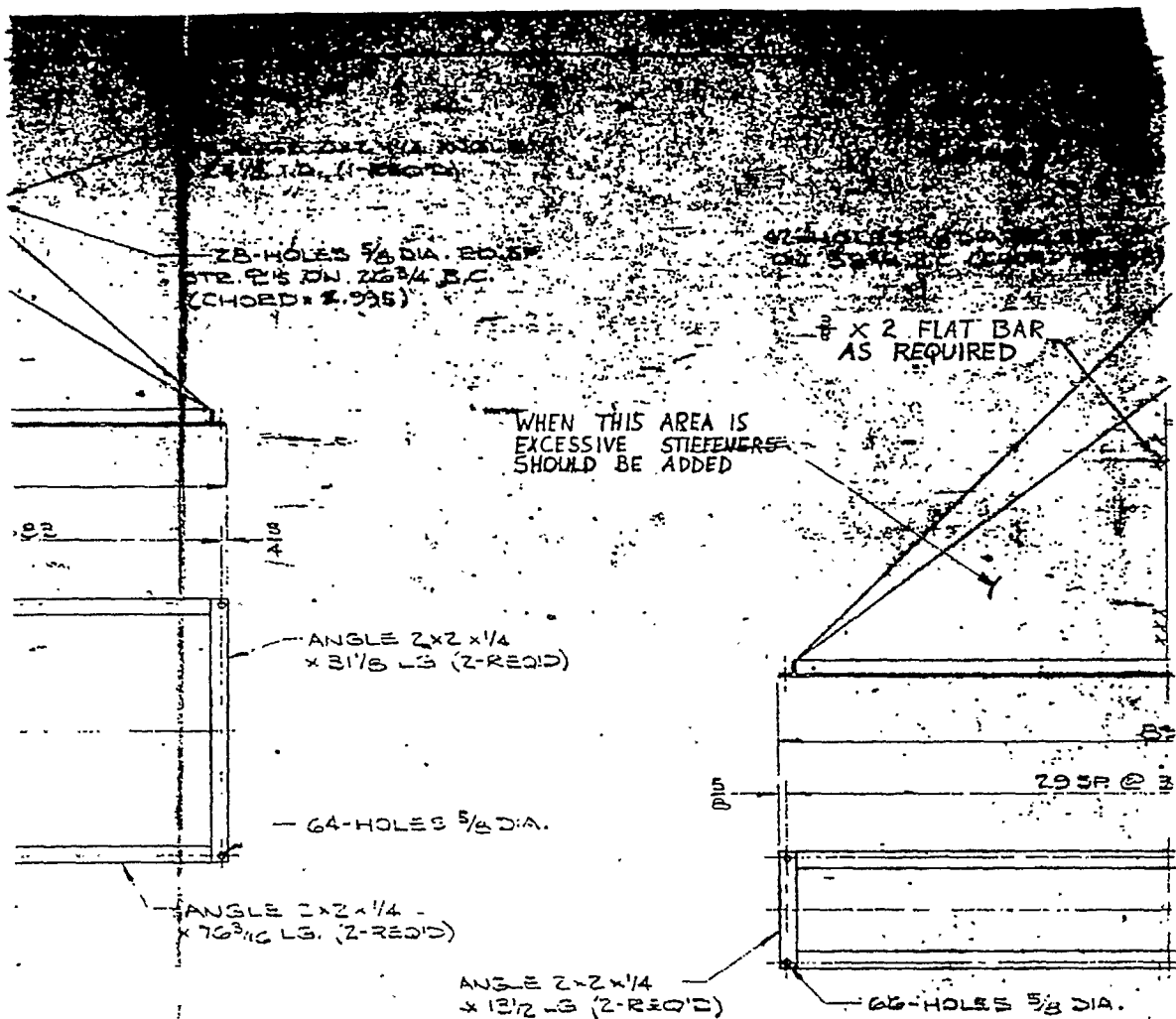
DETAIL A
SCALE 6"=1"



FLS MAT'L	BOLTS & NUTS			GASKETS				SPACER			
	SIZE	MAT'L	QUAN.	MAT'L	TYPE	I.D.	O.D.	QUAN.	"W"	"X"	"Y"
HR	3/4-10NC x 3" L3 BOLT 3/4-10NC HEX NUT	STL	22	1/2" ASB	FULL	18 1/2	25	4	3/4	4 1/2	32
HR	3/4-10NC x 7" L3 BOLT 3/4-10NC HEX NUT	STL	112	1/2" ASB	FULL	30 1/8	38 3/4	12	1"	5 1/8	112
HR	3/4-10NC x 7" L3 BOLT 3/4-10NC HEX NUT	STL	180	1/2" ASB	FULL	24 1/8	32	18	1"	5 1/8	180
HR	1/2-12NC x 1 3/4" L3 BOLT 1/2-12NC HEX NUT	STL	56	1/8" ASB	FULL	24 1/8	28 1/4	2	-	-	-
HR	1/2-12NC x 1 3/4" L3 BOLT 1/2-12NC HEX NUT	STL	72	1/2" ASB	FULL	30 1/8	34 1/4	2	-	-	-
HR	1/2-12NC x 1 1/2" L3 BOLT 1/2-12NC HEX NUT	STL	84	1/8" ASB	FULL	36 1/8	40	2	-	-	-
HR	1/2-12NC x 2" L3 BOLT 1/2-12NC HEX NUT	STL	144	1/8" ASB	FULL	30 1/8	34 1/4	4	-	-	-
HR	3/4-10NC x 2 3/4" L3 BOLT 3/4-10NC HEX NUT	STL	120	1/8" ASB	FULL	20 1/8	27 1/2	6	-	-	-
HR	5/8-10NC x 1 1/2" L3 BOLT 5/8-10NC HEX NUT	STL	32	1/8" ASB	FULL	21 1/8	24	2	-	-	-
HR	1/2-12NC x 1 3/4" L3 BOLT 1/2-12NC HEX NUT	STL	108	1/2" ASB	FULL	20 1/8	24 1/4	3	-	-	-
HR	1/2-12NC x 1 3/4" L3 BOLT 1/2-12NC HEX NUT	STL	56	1/8" ASB	FULL	24 1/8	28 1/4	2	-	-	-
HR	3/4-10NC x 2 1/2" L3 BOLT	STL	40	1/8" ASB	FULL	24 1/4	28 1/4	2	-	-	-

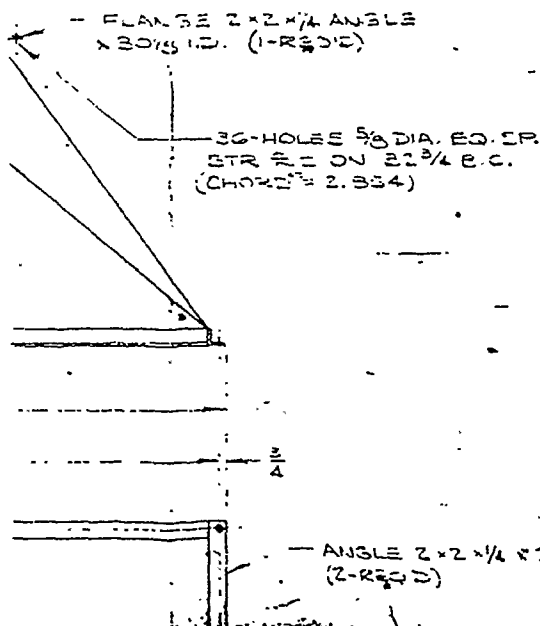


PART NO.	DUCT SIZE	FLG. O.D.	FLG. I.D.	FLG. THK.	NR. HOLES	DIA. HOLES	DIA. B.C.	CHORD	FLGS. REQD.	FLG. MAT'L.	BOLT SIZE
D-6021-A	18" O.D.	28	18 3/4	3/8	16	7/8	22 3/4	4.438	4	HRS	3/4-10NC X 6 1/2 LG BO 3/4-10NC HEX NUT
D-6021-B	30" O.D.	30 3/4	30 3/4	1/2	28	7/8	36 3/4	4.050	12	HRS	3/4-10NC X 7 1/2 LG BO 3/4-10NC HEX NUT
D-6021-C	24" O.D.	32	24 1/8	5/8	20	7/8	29 7/2	4.614	18	HRS	5/4-10NC X 7 1/2 LG BO 3/4-10NC HEX NUT
D-6021-D	24" O.D.	28 1/4	24 1/8	3/8	28	5/8	26 3/4	2.995	2	HRS	1/2-13NC X 1 3/4 LG BO 1/2-13NC HEX NUT
D-6021-E	30" O.D.	34 1/4	30 1/8	1/2	36	5/8	32 3/4	2.854	2	HRS	1/2-13NC X 1 3/4 LG BO 1/2-13NC HEX NUT
D-6021-F	30" O.D.	40 1/8	36 1/8	1/2	42	5/8	38 3/4	2.895	2	HRS	1/2-13NC X 1 1/2 LG BO 1/2-13NC HEX NUT
D-6021-G	30" O.D.	34 1/4	30 1/8	1/2	36	5/8	32 3/4	2.854	4	HRS	1/2-13NC X 2 1/2 LG BO 1/2-13NC HEX NUT
D-6021-H	20" O.D.	27 1/2	20 1/8	3/8	20	3/8	25	3.910	6	HRS	3/4-10NC X 2 3/4 LG BO 3/4-10NC HEX NUT
D-6021-I	24" O.D.	24	21 1/8	3/8	16	7/8	22 3/4	4.438	2	HRS	3/8-10NC X 1 1/2 LG BO 3/8-10NC HEX NUT
D-6021-J	26" O.D.	34 1/4	30 1/8	1/2	36	5/8	32 3/4	2.854	6	HRS	1/2-13NC X 1 3/4 LG BO 1/2-13NC HEX NUT
D-6021-K	24" O.D.	28 1/4	24 1/8	3/8	28	5/8	26 3/4	2.995	4	HRS	1/2-13NC X 1 3/4 LG BO 1/2-13NC HEX NUT
D-6021-L	24" O.D.	28 1/4	24 1/8	3/8	20	7/8	22 3/4	4.438	2	HRS	3/8-10NC X 1 1/2 LG BO 3/8-10NC HEX NUT
D-6021-M	24" O.D.	28 1/4	24 1/8	3/8	20	7/8	22 3/4	4.438	2	HRS	3/8-10NC X 1 1/2 LG BO 3/8-10NC HEX NUT



EXHAUST STACK

3/16" THK



LOCATION	PART NR.	DUCT SIZE
18" DIA. SPILL VALVE TO SPILL DUCT	D-6021-A	18" O.D.
30" DIA. HOT BLAST VALVE TO DUCT	D-6021-B	30" O.D.
24" DIA. COLD AIR VALVE TO DUCT	D-6021-C	24" O.D.
INLET DUCT TO HEAT EXCHANGER MANIFOLD	D-6021-D	24" O.D.
OUTLET DUCT TO HEAT EXCHANGER MANIFOLD	D-6021-E	30" O.D.
EXHAUST STACK TO TRANSITION PIECE	D-6021-F	30" O.D.
30" DIA. CHECK VALVE TO DUCT	D-6021-G	30" O.D.
SUCTION & DISCHARGE OF CUPOLA BLOWERS	D-6021-H	20" O.D.
INLET OF COMB. AIR BLOWER	D-6021-I	24" O.D.
CUPOLA BLOWER INTAKE ELBOW	D-6021-J	25" O.D.
COMB. AIR BLOWER INTAKE ELBOW	D-6021-K	24" O.D.
NEW TRANSITION TO HOT BLAST BUSTLE	D-6021-L	24" O.D.

