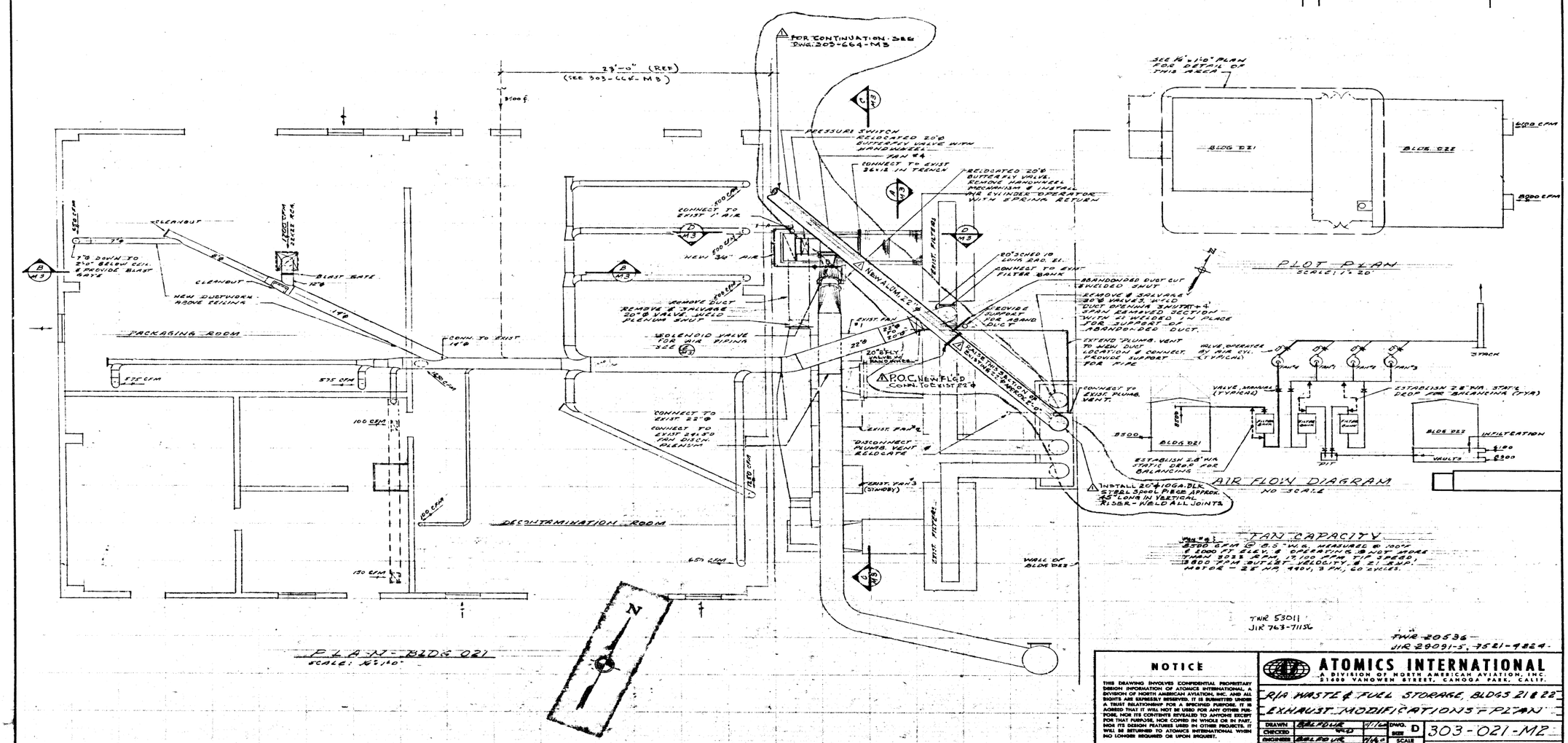

REVISIONS
SYM | DESCRIPTION | DATE | SIGNATURE
ADD 22"Ø R/A EXH. FROM BLDG. 664 TO BLDG. 022 EXHAUST SYSTEM - TWR 53011 | 2/12/64 | GEILE
FOR CONTINUATION SEE DWG. 303-664-M3
23'-0" (REF)
(SEE 303-664-M3)
PRESSURE SWITCH
RELOCATED 20"Ø BUTTERFLY VALVE WITH HANDWHEEL
FAN #4
CONNECT TO EXIST 36x12 IN TRENCH
RELOCATED 20"Ø BUTTERFLY VALVE. REMOVE HANDWHEEL MECHANISM & INSTALL AIR CYLINDER OPERATOR WITH SPRING RETURN
CONNECT TO EXIST 1" AIR
NEW 3/4" AIR
REMOVE DUCT
REMOVE & SALVAGE 20"Ø VALVE. WELD PLENUM SHUT
SOLENOID VALVE FOR AIR PIPING
NEW ALUM. 22"Ø
EXIST. FILTERS
20" SCHED 10 LONG RAD. EL.
CONNECT TO EXIST FILTER BANK
ABANDONED DUCT CUT & WELDED SHUT
REMOVE & SALVAGE 20"Ø VALVES. WELD DUCT OPENING SHUT
SPAN REMOVED SECTION WITH 2" WELDED IN PLACE FOR SUPPORT OF ABANDONED DUCT.
PROVIDE SUPPORT FOR ABAND. DUCT
EXTEND PLUMB. VENT TO NEW DUCT LOCATION & CONNECT. PROVIDE SUPPORT FOR PIPE
CONNECT TO EXIST. PLUMB. VENT.
P.O.C. NEW FLGD CONN. TO EXIST 22"Ø
RAISE THIS SECTION OF EXISTING 22"Ø APPROX. 2'-0"
CONNECT TO EXIST. 22"Ø
CONNECT TO EXIST 24x50 FAN DISCH. PLENUM
EXIST. FAN #2
DISCONNECT PLUMB. VENT & RELOCATE
EXIST. FAN #3 (STANDBY)
EXIST. FILTERS
WALL OF BLDG 022
INSTALL 20"Ø 10GA. BLK. STEEL SPOOL PIECE APPROX. 45" LONG IN VERTICAL RISER - WELD ALL JOINTS
CLEANOUT
7"Ø DOWN TO 2'-0" BELOW CEIL. & PROVIDE BLAST GATE
NEW DUCTWORK ABOVE CEILING
BLAST GATE
PACKAGING ROOM
CONN. TO EXIST 14"Ø
575 CFM
100 CFM
150 CFM
DECONTAMINATION ROOM
PLAN - BLDG 021
SCALE: 1/4"=1'-0"
SEE 1/4"=1'-0" PLAN FOR DETAIL OF THIS AREA
BLDG 021
BLDG 022
6100 CFM
8000 CFM
PLOT PLAN
SCALE: 1"=20'
VALVE, OPERATED BY AIR CYL. (TYPICAL)
VALVE, MANUAL (TYPICAL)
ESTABLISH 2.8" WG. STATIC DROP FOR BALANCING (TYP.)
ESTABLISH 2.8" WG. STATIC DROP FOR BALANCING
STACK
INFILTRATION
VAULTS
PIT
AIR FLOW DIAGRAM
NO SCALE
FAN CAPACITY
FAN #4: 8500 CFM @ 8.5" W.G. MEASURED @ 100°F & 2000 FT ELEV. & OPERATING @ NOT MORE THAN 3022 RPM, 17,100 FPM TIP SPEED, 3800 FPM OUTLET VELOCITY & 21 RMP. MOTOR - 25 HP, 440V, 3 PH, 60 CYCLES.
TWR 53011
JIR 763-71156
TWR 20536
JIR 29091-5, 7521-4824
NOTICE
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ATOMICS INTERNATIONAL
A DIVISION OF NORTH AMERICAN AVIATION, INC.
21600 VANOWEN STREET, CANOGA PARK, CALIF.
R/A WASTE & FUEL STORAGE, BLDGS 21 & 22
EXHAUST MODIFICATIONS - PLAN
DRAWN BELFOUR 11/1/60
CHECKED
ENGINEER BELFOUR 11/16/60
APPROVED
DWG. SIZE D
SCALE AS SHOWN
303-021-M2
SHEET NO. ___ OF ___
REDUCED DRAWING