FAN WITH MOTOR STARTER SHOW

POINT NAME ON

BACS EMCS DESCRIPTION GRAPHIC

FAN AIR FLOW X X X INSTALL IN INLET CONE WHERE FEASIBLE

FAN MOTOR START/STOP X X X INTERLOCK WITH FA SYSTEM, IF REQUIRED

FAN DUCT SMOKE DETECTOR STATUS X

FAN MOTOR STATUS X X FAILURE X VIA CURRENT SENSOR

FAN HIGH DISCHARGE PRESSURE LIMIT X X X HIGH LIMIT X

FAN LOW SUCTION PRESSURE LIMIT X X X LOW LIMIT X

ISOLATION DAMPER POSITION COMMAND X

ISOLATION DAMPER STATUS X X X VIA END SWITCH

NOTE:
FAN ISOLATION DAMPERS ARE ONLY REQUIRED ON HEADED FAN SYSTEMS.

HARDWARE POINTS

SOFTWARE POINTS

SHOW ON GRAPHIC

NOTES

FAN WITH MOTOR STARTER POINT NAME

BI BO AI AO AV BV SCH TREND BACS EMCS ALARM DESCRIPTION

FAN AIR FLOW X

FAN MOTOR START/STOP X

FAN DUCT SMOKE DETECTOR STATUS X

FAN MOTOR STATUS X X X

FAN HIGH DISCHARGE PRESSURE LIMIT X X X

FAN LOW SUCTION PRESSURE LIMIT X X X

ISOLATION DAMPER POSITION COMMAND X

ISOLATION DAMPER STATUS X

INSTALL IN INLET CONE WHERE FEASIBLE

INTERLOCK WITH FA SYSTEM, IF REQUIRED

FAILURE X VIA CURRENT SENSOR

HIGH LIMIT X

LOW LIMIT X

VIA END SWITCH

FAN WITH MOTOR STARTER CONTROL POINTS

NO SCALE

DESIGN and CONSTRUCTION STANDARD
CORNELL UNIVERSITY

REVIEWS BY: WSJ/DRL REVISED BY: EAK
CELL LIBRARY N/A CELL NAME N/A
DOC PRINT SIZE: 8 1/2" x 11"
DETAIL NO. 3.6.20