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AMENDMENT, REVISED ENTIRE DRAWING			
Symbol	Description	Date	Apr

Designed by:	Date:	Rev.:
JWW	X	X
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MD101.MDD		
Drawn by:	Ckd by:	Drawing code:
JWW	X	
Reviewed by:	Submitted by:	File name:
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

CORROSION CONTROL FACILITIES, PHASE 1
DEMOLITION CORROSION CONTROL HANGERS (VOL. 2)
PROJECT NUMBER PROE45002P1
MCCONNELL AFB, KANSAS

MECHANICAL DEMOLITION
BUILDING 1176, NORTH BAY
NORTH MEZZANINE

Sheet reference number:
D_MD107



REMOVE CONTROL DAMPERS, ACTUATORS AND TUBING

FAN AND DUCTWORK HANGING SUPPORTS

CUT AND REMOVE PORTION OF DUCT AS NECESSARY FOR NEW WORK

REMOVE ELBOW

REMOVE STAIGHT DUCTS AND TEE

REMOVE EXHAUST FAN EF-15

REMOVE EXHAUST FAN EF-17

PATCH HOLE IN EXHAUST PLENUM RESULTING FROM REMOVAL OF EF-15 & EF-17 USING SHEET METAL OF SAME GAUGE AND PRESSURE CLASS TO THAT PRESENT. SEAL TO SMACNA SEAL CLASS A.

EXHAUST STACK



GENERAL NOTES

1. REMOVE EQUIPMENT NOTED. SEE OTHER SHEETS, INCLUDING MD101, MD106, CONTROLS, AND ELECTRICAL FOR ADDITIONAL DETAILS.
2. MECHANICAL EQUIPMENT, PLUMBING FIXTURES, DUCTWORK, AND PIPING LOCATIONS SHOWN ARE PRIMARILY FOR BIDDING PURPOSES. EXACT FIELD CONDITIONS MAY VARY AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION. NOTIFY THE CONTRACTING OFFICER OF ANY DISCREPANCIES OR DIFFICULTIES WHICH SIGNIFICANTLY AFFECT THE WORK BEFORE PROCEEDING.
3. WHERE PIPE IS REMOVED FROM CMU WALLS, GROUT OPENINGS OF LESS THAN 4 INCHES SQUARE (16 SQUARE INCHES TOTAL). OPENINGS LARGER THAN 4 INCHES SQUARE (16 SQUARE INCHES) SHALL HAVE NEW CMU TOOTHED INTO EXISTING CMU WALL.
4. REMOVE ALL HANGING SUPPORT COMPONENTS FROM REMOVE EXHAUST FANS EF-15, EF-17, AND DUCTWORK, TO STRUCTURE ABOVE.
5. EQUIPMENT, AND RELATED ITEMS, PROVIDED UNDER THIS CONTRACT SHALL COMPLY WITH, AND BE INSTALLED IN ACCORDANCE WITH, THE NATIONAL ELECTRICAL CODE, ARTICLE 513, EXCEPT AS NOTED IN THE FOLLOWING CRITERIA: THE ENTIRE HANGAR AREA AND ADJACENT ROOMS AND AREAS NOT SUITABLY CUTOFF WITH AN 18 INCH HIGH SEPARATION BARRIER OR ELEVATED FLOOR, SHALL BE CLASSIFIED CLASS 1 DIVISION 2 UP TO 18 INCHES ABOVE THE FLOOR. ALSO, THE HANGAR AREA SHALL BE CLASSIFIED CLASS 1 DIVISION 2 UP TO THE HEIGHT OF THE HANGAR DOOR EXCEPT WITHIN 2 FEET OF THE WALL AND HIGHER THAN 18 INCHES SHALL BE CLASSIFIED NON-HAZARDOUS. ANY PIT, TRENCH, TUNNEL, ETC. BELOW THE HANGAR FLOOR SHALL BE CLASSIFIED AS CLASS 1 DIVISION 1. BUILDING 1176 ROOMS CONTAINING TRENCH EXHAUST FANS EF-5, EF-12, EF-13, AND EF-19, SHALL BE CLASSIFIED CLASS 1 FROM FLOOR TO ROOF STRUCTURE, AND IN TUNNELS AND OTHER AREAS BELOW FLOOR LEVEL.

MECHANICAL DEMOLITION, BUILDING 1176,
NORTH BAY, NORTH MEZZANINE

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SCALE: NONE"