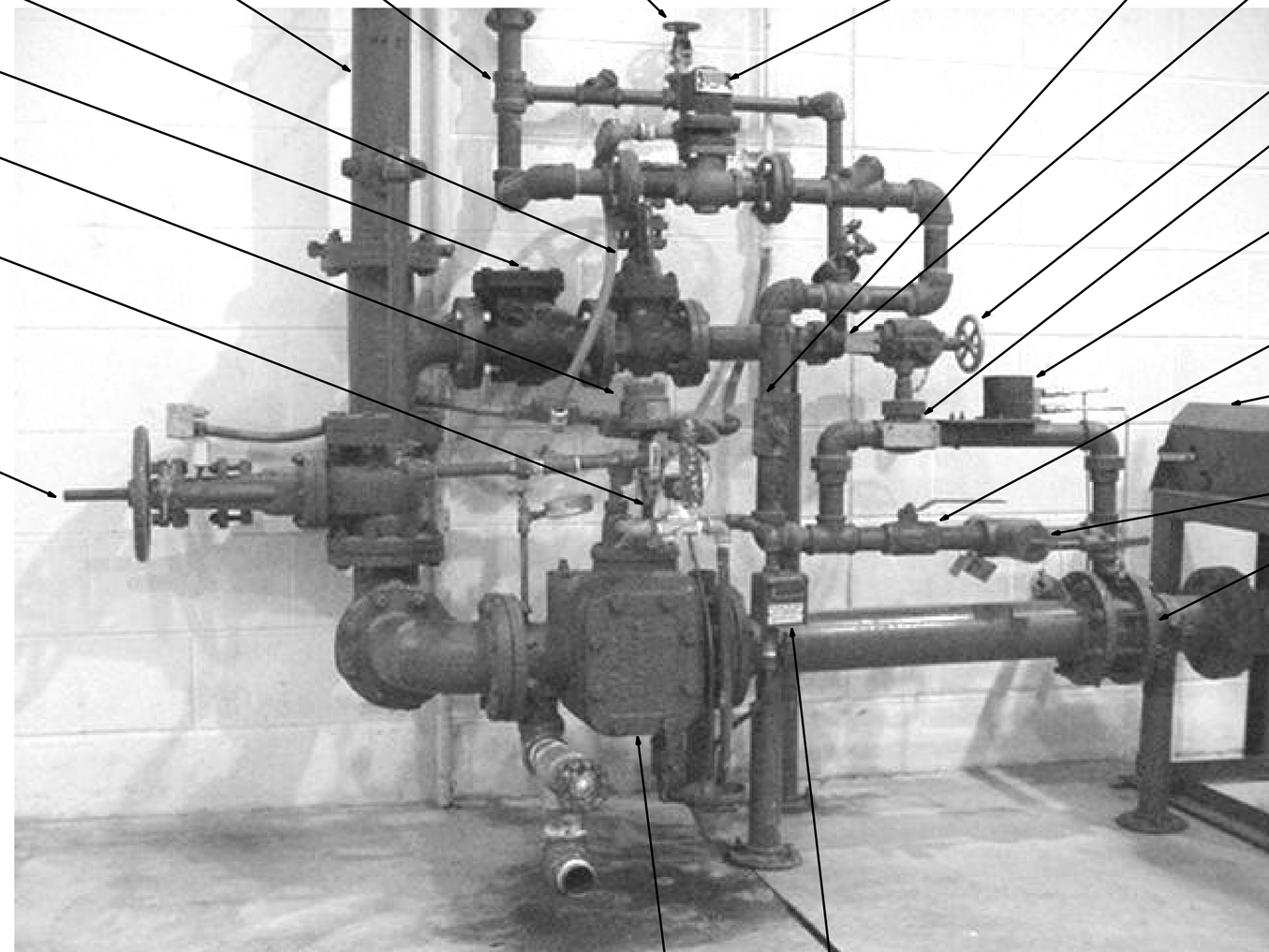

1 ENTIRE DRAWING AMENDED

GENERAL NOTES

1. BUILDING 1176, SOUTH HANGAR BAY, MONITOR NOZZLE 2 LOCATED NEAR THE TUG POCKET IS SHOWN. THERE ARE SIX TOTAL MONITOR NOZZLES TO BE RENOVATED, THREE IN SOUTH BAY AND THREE IN NORTH BAY.

2. MECHANICAL EQUIPMENT AND PIPING LOCATIONS SHOWN IN PHOTO ARE PRIMARILY FOR BIDDING PURPOSES. EXACT FIELD CONDITIONS MAY VARY ON OTHER FIVE NOZZLES NOT SHOWN, AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION. NOTIFY THE CONTRACTING OFFICER OF ANY DISCREPANCIES OR DIFFICULTIES WHICH SIGNIFICANTLY AFFECT THE WORK BEFORE PROCEEDING.

3. REMOVE AFFF CONCENTRATE MAGNATROL 1½ INCH SOLENOID VALVE SHOWN ON SOUTH BAY MONITOR NOZZLE 2, AND FOR REMAINING FIVE MONITOR NOZZLES IN BOTH THE NORTH AND SOUTH BAY (REPLACE TOTAL OF SIX MAGNATROL SOLENOID VALVES LOCATED ON MONITOR NOZZLES). REPLACE WITH WATER ACTIVATED DELUGE TYPE VALVE DESIGNED FOR FOAM CONCENTRATE SERVICE. RE-PIPE PILOT PRIMING LINES, AND INSTALL ALL NECESSARY COMPONENTS, INCLUDING ANY NEEDED DIELECTRIC FITTINGS, FOR THE NEW AFFF WATER ACTIVATED DELUGE VALVE FOR ACTIVATION USING THE EXISTING SOLENOID PILOT VALVE SHOWN THAT RELEASES THE WATER DELUGE/PRE-ACTION VALVE. THUS THE EXISTING SOLENOID PILOT VALVE SHOWN WILL ACTIVATE BOTH THE EXISTING FIRE WATER AND NEW AFFF CONCENTRATE DELUGE TYPE VALVES. USE VIKING 1½ INCH DELUGE VALVE - HALAR COATED PART NUMBER 098900/B OR GOVERNMENT APPROVED EQUAL, HALAR COATED FOAM CONCENTRATE VALVE USING WATER FOR PRIMING.

4. REMOVE AFFF CONCENTRATE VERTICAL PIPE ABOVE TEE SHOWN.

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 DIVISION 1 FROM FLOOR TO ROOF STRUCTURE, AND IN TUNNELS AND OTHER AREAS BELOW FLOOR LEVEL.

1 FIRE PROTECTION DEMOLITION AND NEW WORK PLAN, BUILDING 1176

SCALE: NONE

US Army Corps of Engineers
Kansas City District

Symbol	Description	Date	Appr.
1	AMENDMENT, REVISED ENTIRE DRAWING	7/3/03	X

Designed by: JWW
Dwn by: JWW
Ckd by: X
Reviewed by: X
Submitted by: JBT
Date: X
Rev.: X
Design file no. m100_FD104.dgn
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File name:
Plot date 3-JUL-Y-03
Plot scale: 96.1

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

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

FIRE PROTECTION DEMOLITION AND NEW WORK PLAN BUILDING 1176

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