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OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES  
MANAGEMENT,  
DESIGN AND CONSTRUCTION

MISSOURI DEPARTMENT  
OF CORRECTIONS

ABATE AND REPLACE  
PIPING VARIOUS

MOBERLY CORRECTIONAL  
CENTER  
5201 S. MORLEY STREET  
MOBERLY, MO

PROJECT # C1601-01  
SITE # 2305  
FACILITY # 27250/27265

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 11/06/2017

CAD DWG FILE: MCC m demo.dwg  
DRAWN BY: CJH/MDS/JDK  
CHECKED BY: JLD  
DESIGNED BY: CJH

SHEET TITLE:  
ADMIN. BLDG. FIRST  
FLOOR HVAC PIPING  
DEMOLITION PLAN

SHEET NUMBER:

M-105

16 OF 30 SHEETS

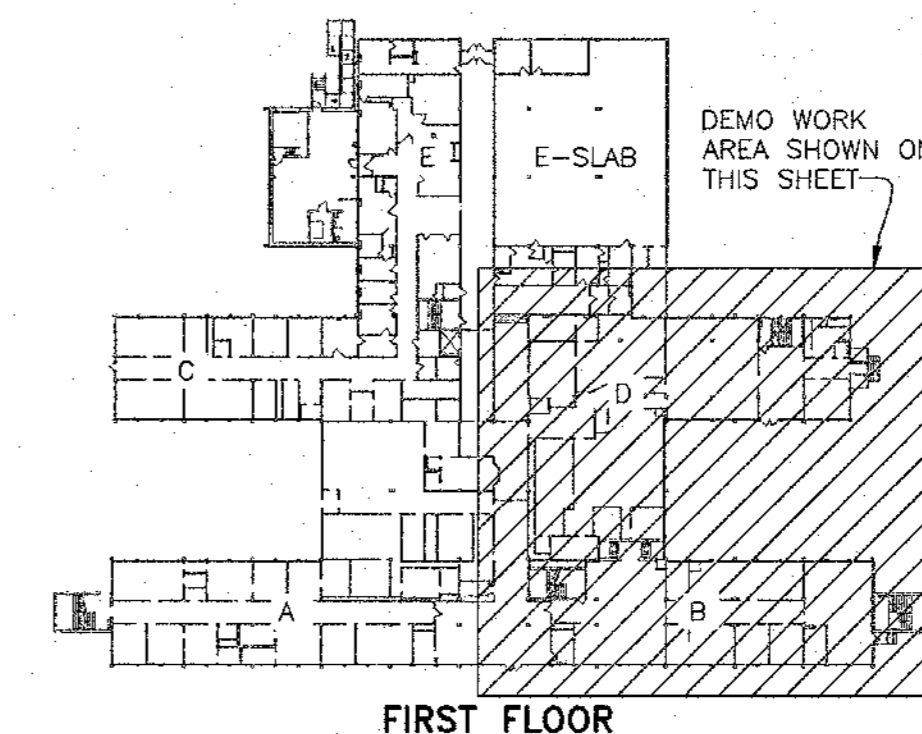
SPECIFIC ASBESTOS ABATEMENT DEMOLITION NOTES

- 1 ZONE 4 WORK. DEMO EXISTING DTS & DTR PIPING ROUTED TO BOTH AHU'S. REUSE EXISTING CONTROL VALVES. REPLACE ANY LEAKING ISOLATION VALVES AT UNIT IF REQUIRED. SEE DETAIL 2, SHEET M-501.
- 2 ZONE 3 WORK. ABANDON VERTICAL PIPING LOCATED IN CHASE. SEAL AND LABEL CHASE. DEMO EXISTING VTR PIPE ABOVE CEILING. REMOVE REQUIRED CEILING TILE TO ACCESS & DEMO PIPE. STORE CEILING TILES TO MAINTAIN GOOD CONDITION FOR REINSTALL AT COMPLETION OF PROJECT.
- 3 ZONE 3 WORK. DEMO EXISTING VTS UP TO 2ND FLOOR FIN TUBES.
- 4 ZONE 4 WORK. VERIFY ROUTING OF VTS PIPING IN THIS AREA. DEMO EXISTING VTS ROUTED FROM BASEMENT UP TO FIN TUBE UNITS ON 2ND FLOOR. DEMOLITION MAY REQUIRE REMOVAL AND REPLACEMENT OF AN AREA CINDER BLOCK WALL TO ACCESS PIPES. ALTERNATIVE TO ABANDON PIPE IN CHASE AND ROUTE PIPE DOWN CHASE WALL.
- 5 ZONE 4 WORK. DEMO EXISTING VTR PIPE ABOVE CEILING. ABANDON SECTION OF PIPE IN CINDER BLOCK CHASE IF NOT ACCESSIBLE. REMOVE REQUIRED CEILING TILE TO ACCESS & DEMO PIPE. STORE CEILING TILES TO MAINTAIN GOOD CONDITION FOR REINSTALL AT COMPLETION OF PIPING RENOVATION.
- 6 ZONE 4 WORK. DEMO EXISTING VTS PIPE ABOVE CEILING. ABANDON SECTION OF PIPE IN CINDER BLOCK CHASE IF NOT ACCESSIBLE. REMOVE REQUIRED CEILING TILE TO ACCESS & DEMO PIPE. STORE CEILING TILES TO MAINTAIN GOOD CONDITION, & REINSTALL AT COMPLETION. LABEL CHASE AS AREA CONTAINING ASBESTOS.
- 7 ZONE 4 WORK. EXISTING AHU'S SUPPLY CONDITIONING TO AREA B. MAINTAIN OPERATION OF UNITS AS LONG AS POSSIBLE DURING RENOVATION.

SPECIFIC MECHANICAL NOTES

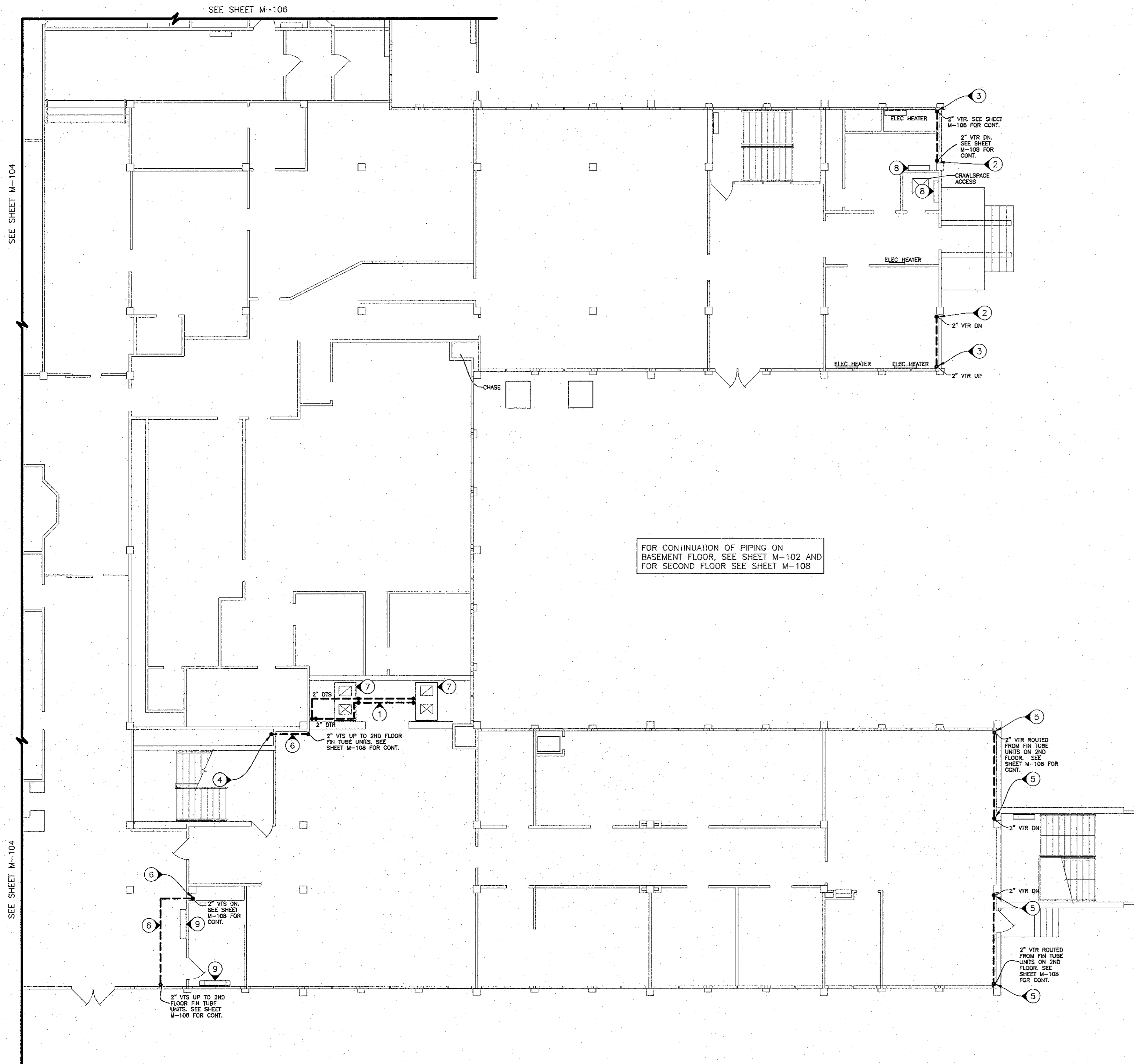
- 8 ZONE 3 WORK. EXISTING HEATING UNITS TO REMAIN UNLESS OTHERWISE NOTED. DEMO PIPING TO UNIT FROM CRAWLSPACE. SEE DETAIL 1, M-501.
- 9 ZONE 5 WORK. EXISTING FCU'S TO REMAIN UNLESS OTHERWISE NOTED. DEMO PIPING FROM FLOOR PENETRATION TO FCU. SEE DETAIL 1, M-501.

LEGEND	
HWS	EXISTING HOT WATER SUPPLY PIPE-REUSE
HWS	EXISTING HOT WATER SUPPLY PIPE-REMOVE
HWR	EXISTING HOT WATER RETURN PIPE-REUSE
HWR	EXISTING HOT WATER RETURN PIPE-REMOVE
DTS	EXISTING DUAL TEMP SUPPLY PIPE-REUSE
DTS	EXISTING DUAL TEMP SUPPLY PIPE-REMOVE
DTR	EXISTING DUAL TEMP RETURN PIPE-REUSE
DTR	EXISTING DUAL TEMP RETURN PIPE-REMOVE
CTS	EXISTING COOLING TOWER SUPPLY
CTR	EXISTING COOLING TOWER RETURN
VTR	EXISTING VARIABLE TEMP RETURN PIPE-REUSE
VTR	EXISTING VARIABLE TEMP RETURN PIPE-REMOVE
VTS	EXISTING VARIABLE TEMP SUPPLY PIPE-REUSE
VTS	EXISTING VARIABLE TEMP SUPPLY PIPE-REMOVE
CHWR	EXISTING CHILLER WATER RETURN
CHWS	EXISTING CHILLER WATER SUPPLY
COND DRIP	EXISTING FCU CONDENSATE LINE-REUSE
FCU	FAN COIL UNIT
HU	HEATING UNIT
◇	EXISTING VALVE
⊗	EXISTING CONTROL VALVE
○	EXISTING ELBOW UP
○	EXISTING ELBOW DOWN
○	EXISTING TEE DOWN
○	EXISTING TEE UP
⊙	TIE NEW TO EXISTING HERE



FIRST FLOOR

2 KEY PLAN  
SCALE: NONE



FOR CONTINUATION OF PIPING ON  
BASEMENT FLOOR, SEE SHEET M-102, AND  
FOR SECOND FLOOR SEE SHEET M-108

1 PARTIAL FIRST FLOOR HVAC PIPING DEMOLITION PLAN  
SCALE: 1/8"=1'-0"