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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.dwg
DRAWN BY: CJH/MDS/JDK
CHECKED BY: MDS
DESIGNED BY: CJH

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

SHEET NUMBER:

M-104

15 OF 30 SHEETS

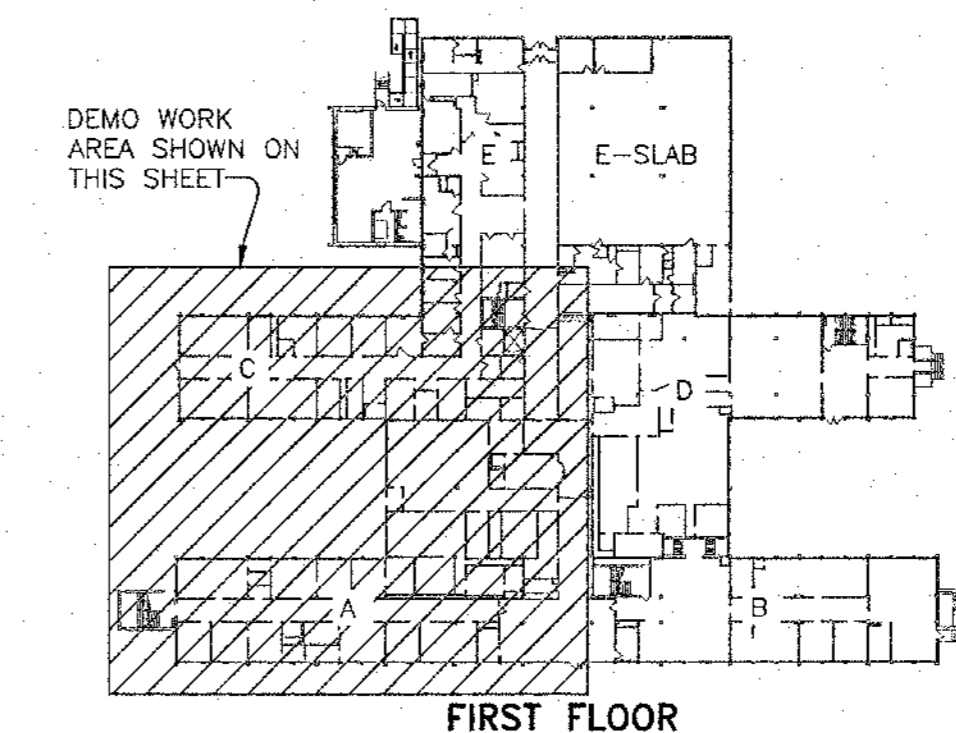
SPECIFIC ASBESTOS ABATEMENT DEMOLITION NOTES

- 1 ZONE 6 WORK. DEMO DTS & DTR LINES BACK TO WALL AND CAP. EXISTING LINES ROUTING THRU THE INFIRMARY TO BE ABANDONED IN PLACE.
- 2 ZONE 3 WORK. ABANDON EXISTING VTS PIPING IN CHASE. SEAL CHASE FROM CRAWLSPACE UPON COMPLETION.
- 3 ZONE 6 WORK. SERVES THE PENTHOUSE. DEMO EXISTING 2" DTS & DTR BRANCHES ROUTED FROM BASEMENT AND UP TO 2ND FLOOR. CAP AT 1ST FLOOR DECKING ABOVE.
- 4 ZONE 2 WORK. DEMO EXISTING DTS & DTR PIPING ROUTED TO FCU'S LOCATED IN VISITORS ROOM. REMOVE SECTION OF DROP CEILING TO ACCESS PIPING & RETAIN FOR REUSE AT COMPLETION OF PIPING RENOVATION.
- 5 ZONE 3 WORK. DEMO EXISTING VTS PIPE ROUTED ABOVE CEILING.
- 6 ZONE 3 WORK. PIPING ROUTES TO EXISTING FIN TUBES ON 2ND FLOOR.
- 7 ZONE 5 WORK. VERIFY ROUTING OF HWS & HWR PIPING IN THIS AREA. DEMO EXISTING HWS & HWR ROUTED FROM BASEMENT UP TO 2ND FLOOR. ABANDON SECTION OF PIPING IN CHASE. REMOVE AND STORE CEILING TILE FOR ACCESS TO PIPING.
- 8 ZONE 5 WORK. VERIFY ROUTING OF VTS PIPING IN CHASE. DEMO EXISTING VTS ROUTED FROM BASEMENT UP TO FIN TUBE UNITS ON 2ND FLOOR. RESTROOM HAS EXISTING OPEN AREA OF WALL. DEMOLITION MAY REQUIRE REMOVAL AND REPLACEMENT OF ADDITIONAL CINDER BLOCK TO ACCESS PIPES. PIPING MAY BE ABANDONED IN CHASE AS AN ALTERNATE.
- 9 ZONE 5 WORK. VERIFY ROUTING OF VTS PIPING AS SHOWN. DEMO EXISTING PIPE. DEMO CONCRETE BLOCK AS REQUIRED TO ACCESS PIPING IN CHASE. PIPING MAY BE ABANDONED IN CHASE AS AN ALTERNATE.
- 10 ZONE 5 WORK. EXISTING DTS & DTR PIPING TO BE ABANDONED IN PLACE. TYP OF ALL DTS & DTR PIPING ABOVE 1ST FLOOR CEILING AT THE INFIRMARY WING.
- 11 EXISTING CONDENSATE DRIP LINE SERVING 2ND FLOOR FCU'S TO REMAIN IN PLACE AND OPERATIONAL. APPLIES TO ALL CONDENSATE PIPING ABOVE CEILING IN INFIRMARY WING.
- 12 ZONE 5 WORK. REMOVE METAL CHASES AND AREA OF CEILING TILE TO ACCESS PIPE. MAINTAIN MATERIALS IN GOOD CONDITION FOR REUSE. DEMO EXISTING 2" PIPING ROUTED FROM CRAWLSPACE AND UP TO 2ND FLOOR.

SPECIFIC MECHANICAL NOTES

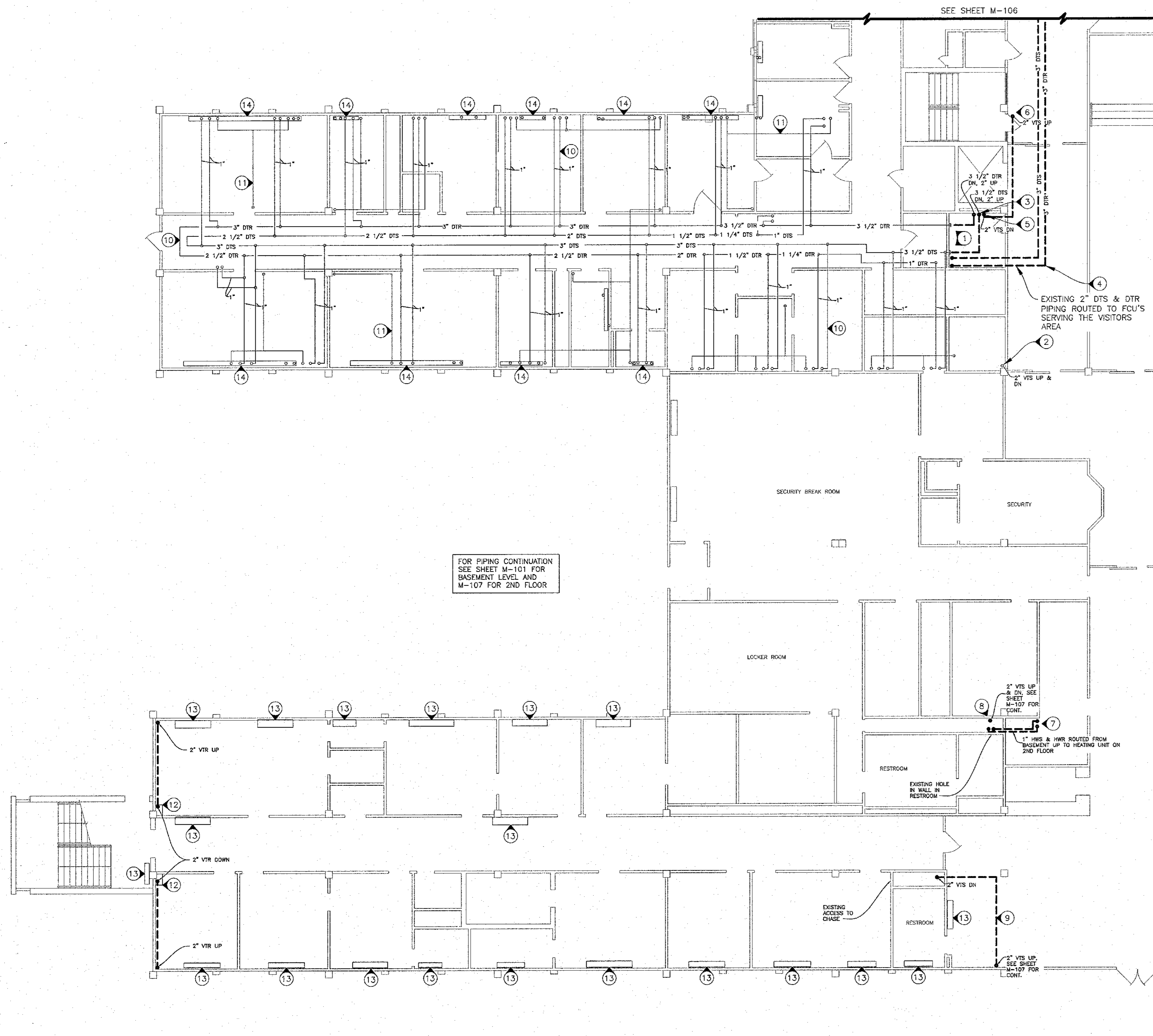
- 13 ZONE 5 WORK. EXISTING LOCATION OF FCU'S. ALL FCU'S TO REMAIN UNLESS OTHERWISE SPECIFIED. DEMO EXISTING PIPING UP TO FCU CONNECTION. SEE DETAIL 1, SHEET M-501.
- 14 ZONE 1 WORK. EXISTING LOCATIONS OF HEATING UNITS IN THE INFIRMARY. ALL UNITS TO REMAIN UNLESS OTHERWISE SPECIFIED. DEMO EXISTING PIPING UP TO UNIT CONNECTION. SEE DETAIL 1, SHEET 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



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