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

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

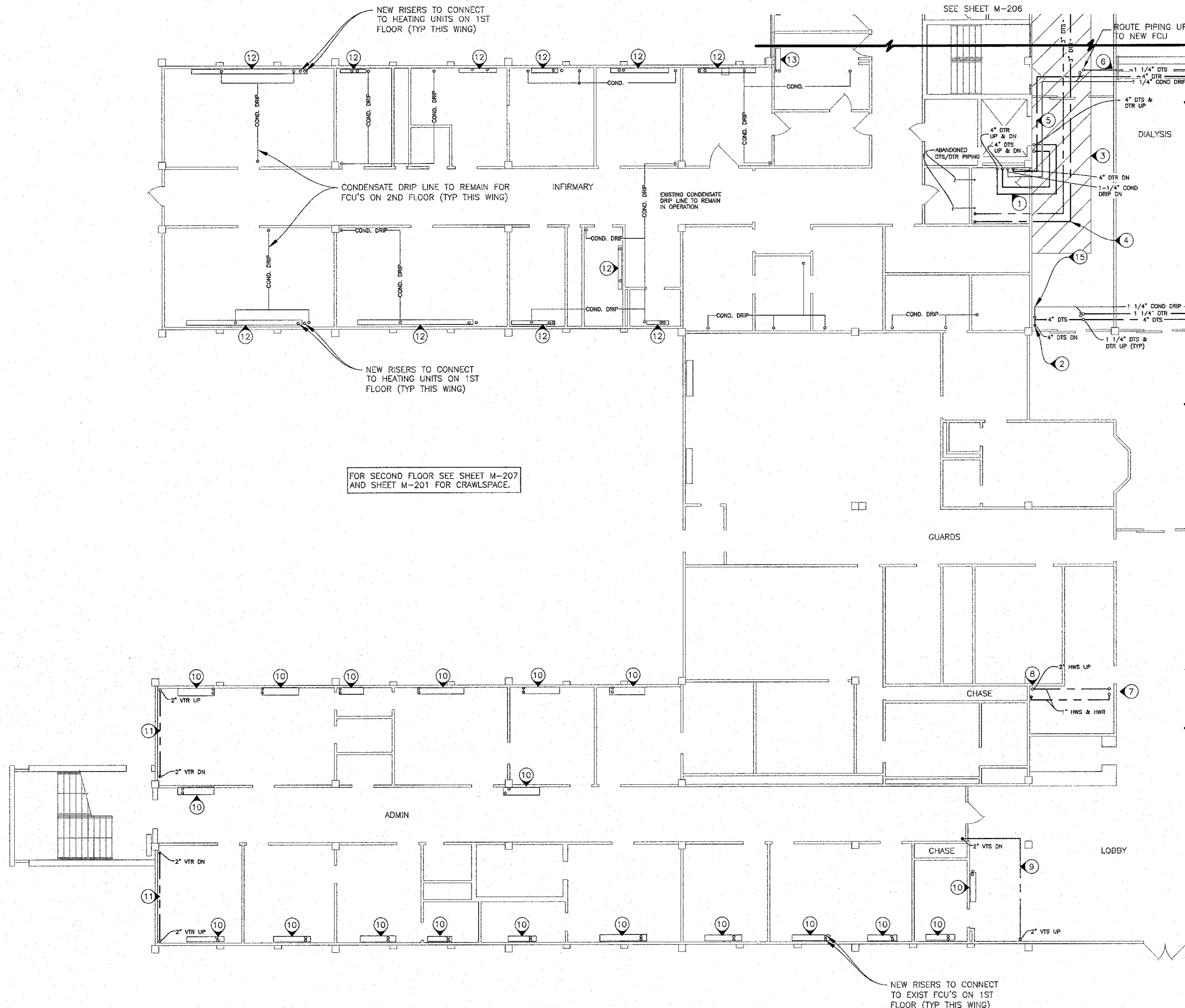
SHEET NUMBER:

M-204

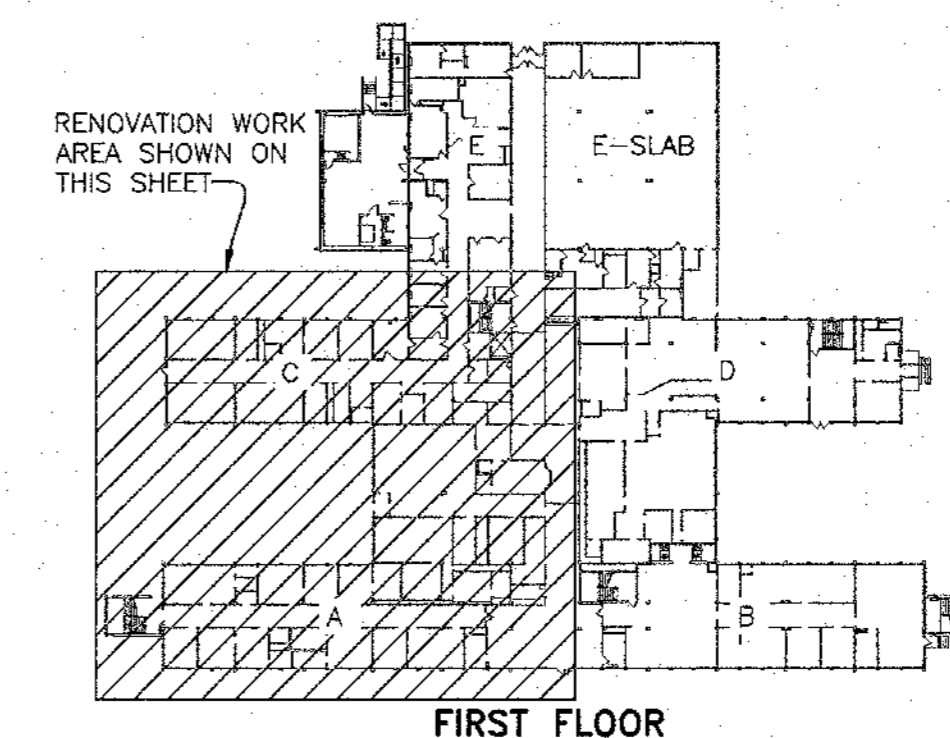
23 OF 30 SHEETS

SPECIFIC MECHANICAL CONSTRUCTION NOTES

- 1 ZONE 6 WORK. ROUTE NEW 4" DTS AND DTR FROM MECHANICAL CLOSET UP TO 2ND FLOOR. CORE DRILL NEW HOLE AT 1ST FLOOR DECKING FOR PIPE ROUTING. STAY CLOSE TO 2ND FLOOR CHASE WALL.
- 2 ZONE 3 WORK. ROUTE NEW DTS PIPING UP FROM BSMT. MECH ROOM. ROUTE PIPING CLOSE TO EXISTING WALL. OWNER TO INSULATE SECTION OF EXPOSED PIPING WITH THERMAL INSULATING PAINT. CORE DRILL HOLE AS REQUIRED.
- 3 REINSTALL AREA OF CEILING TILE AFTER COMPLETION OF PIPE ROUTING.
- 4 ZONE 2 WORK. ROUTE NEW 3" DTS & DTR PIPING ABOVE CEILING TO FCU'S LOCATED IN VISITORS ROOM.
- 5 ZONE 3 WORK. ROUTE NEW 4" DTR & 1-1/4" CONDENSATE DRIP LINE ABOVE CEILING. COORDINATE ROUTING OF PIPING THRU DIALYSIS AREA WITH FACILITIES PERSONNEL.
- 6 ZONE 3 WORK. CORE DRILL CINDER BLOCK WALL FOR PIPE ROUTING.
- 7 ZONE 5 WORK. ROUTE NEW HWS & HWR PIPING FROM BASEMENT THRU CHASE AND UP TO 2ND FLOOR HEATING UNIT. PATCH CINDER BLOCK CHASE AND PAINT TO MATCH EXISTING. ALTERNATE ROUTING OUTSIDE OF CHASE WALL.
- 8 ZONE 5 WORK. ROUTE NEW HWS FROM BASEMENT CRAWLSPACE OUTSIDE OF CHASE TO 2ND FLOOR FIN TUBE HEATERS.
- 9 ZONE 5 WORK. PROVIDE NEW PIPING ABOVE CEILING OUTSIDE OF CHASE AS REQUIRED.
- 10 ZONE 5 WORK. EXISTING LOCATION OF FCU. CONNECT NEW DTS & DTR PIPING TO EXISTING FCU'S PER DETAIL 1, SHEET M-501.
- 11 ZONE 5 WORK. PROVIDE NEW HWR PIPING ROUTED FROM 2ND FLOOR DOWN TO BASEMENT CRAWLSPACE. REUSE EXISTING FLOOR PENETRATIONS AS REQUIRED. REINSTALL METAL CHASE AND PAINT TO MATCH EXISTING. REMOVE AND REPLACE AREA OF CEILING TILE TO ACCESS PIPE.
- 12 ZONE 1 WORK. CONNECT NEW HWS & HWR PIPING TO EXISTING HEATING UNIT IN THE INFIRMARY. REFER TO UNIT CONNECTION DETAIL 1, SHEET M-501, COORDINATE WITH FACILITIES FOR ACCESS TO INDIVIDUAL ROOMS. INFIRMARY TO REMAIN OCCUPIED DURING CONSTRUCTION.
- 13 ZONE 2 WORK. EXISTING FAN COIL UNIT (FCU). SEE SHEET M-205 FOR SCOPE OF WORK.
- 14 PIPING INSULATION TO BE A THERMAL INSULATING PAINT AND SHALL BE COMPLETED BY DEPARTMENT OF CORRECTIONS. PIPING SHALL BE INSULATED PRIOR TO INSTALLATION. FITTINGS AND CONNECTIONS SHALL BE INSULATED AFTER WORK IS COMPLETED. CONTRACTOR SHALL COORDINATE WITH DOC PERSONNEL REGARDING DELIVERY AND INSULATING PIPE PRIOR TO INSTALLATION.
- 15 ROUTE CONDENSATE DRIP DOWN TO MECHANICAL ROOM. CORE DRILL FLOOR AS REQUIRED.



LEGEND	
HWS	NEW HOT WATER SUPPLY PIPE
HWR	NEW HOT WATER RETURN PIPE
HWS	EXISTING HOT WATER SUPPLY PIPE
HWR	EXISTING HOT WATER RETURN PIPE
DTS	NEW DUAL TEMP SUPPLY PIPE
DTR	NEW DUAL TEMP RETURN PIPE
DTS	EXISTING DUAL TEMP SUPPLY PIPE
DTR	EXISTING DUAL TEMP RETURN PIPE
CTS	EXISTING COOLING TOWER SUPPLY
CTR	EXISTING COOLING TOWER RETURN
COND DRIP	EXISTING CONDENSATE LINE
	NEW BALL VALVE
	EXISTING VALVE
	NEW GATE VALVE
	EXISTING GATE VALVE
	EXISTING CONTROL VALVE
	NEW ELBOW UP
	EXISTING ELBOW UP
	NEW ELBOW DOWN
	EXISTING ELBOW DOWN
	NEW TEE DOWN
	EXISTING TEE DOWN
	NEW TEE UP
	EXISTING TEE UP
	TIE NEW TO EXISTING HERE



2 KEY PLAN
SCALE: NONE

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