



- NOTES:
- ① SUMP SHALL BE 18" X 18" IN DIAMETER, SHALL BE SQUARE OR ROUND, SHALL BE LOCATED IN CENTER OF MANHOLE FLOOR, AND SHALL HAVE NO GRATE.
  - ② INSTALL OPENINGS IN WALLS WHERE NEEDED.
  - ③ NO CORE DRILLING UNLESS DUCTBANK PINNED TO MANHOLE WITH REINFORCING STEEL.
  - ④ WALL AND TOP THICKNESS AND REINFORCING TO BE DESIGNED FOR LOADING REQUIREMENTS
  - ⑤ LOCATE PULLING IRONS OPPOSITE DUCT ENTRY

REV	DATE
4	12/3/15
5	7/29/20
2	1/23/12
3	10/8/13
DRAWN BY: CSR	
REVISED BY: JS	

## Electric Manhole Detail

337119.13



UNIVERSITY OF MISSOURI-COLUMBIA  
Campus Facilities  
Energy Management

DRAWING  
NOT TO SCALE  
DATE: 5/3/10