



NOTE:
 IF PIPE IS RUN UNDER FOOTING WITH NO PROTECTION
 MINIMUM CLEARANCE TO TOP OF PIPE IS 3'

SLEEVE SIZE
 2" TO TOP OF PIPE
 2" TO BOTTOM OF PIPE
 + PIPE SIZE
 = SLEEVE SIZE

PIPE ON TOP OF FOOTING

NOT TO SCALE

CITY OF RALEIGH FIRE DEPARTMENT
 FIRE PROTECTION DIVISION
 310 WEST MARTIN ST. RALEIGH, NC 27602

DESCRIPTION:
 Underground fire protection

REVISIONS:
 5-1-2017

DATE:
 5/1/06

DRAWING NO.
 FP-21