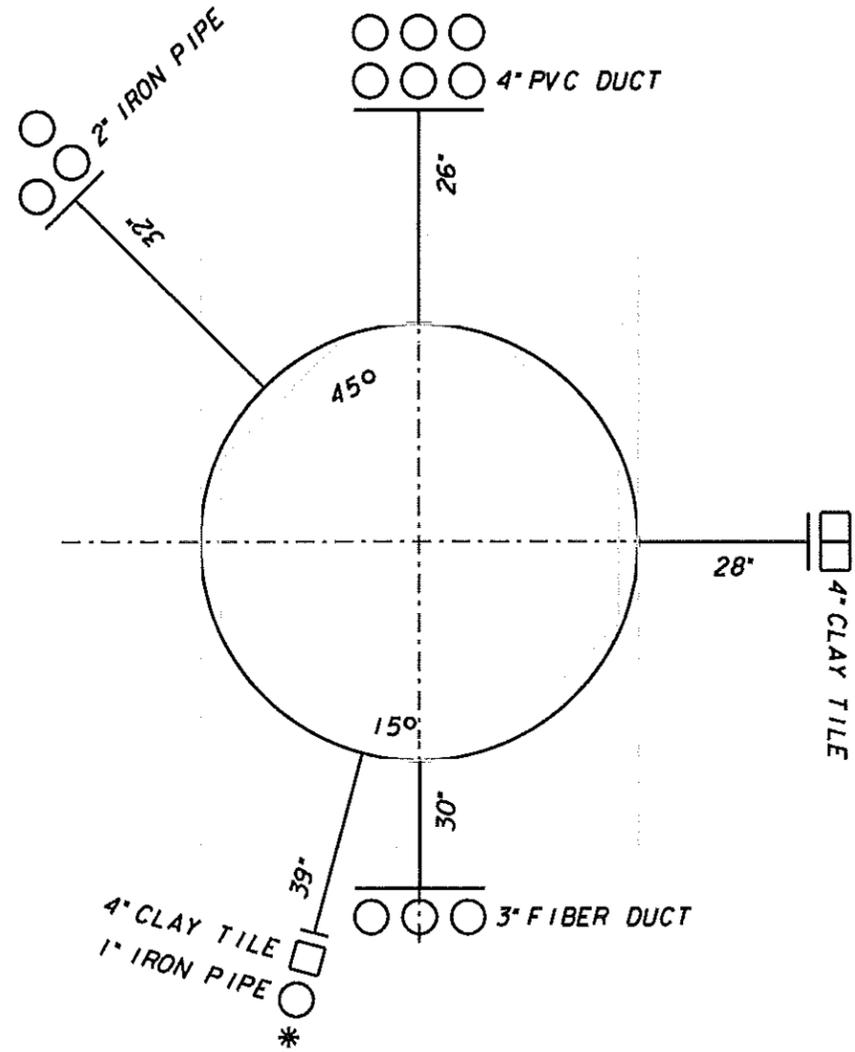


# BUTTERFLY DRAWING

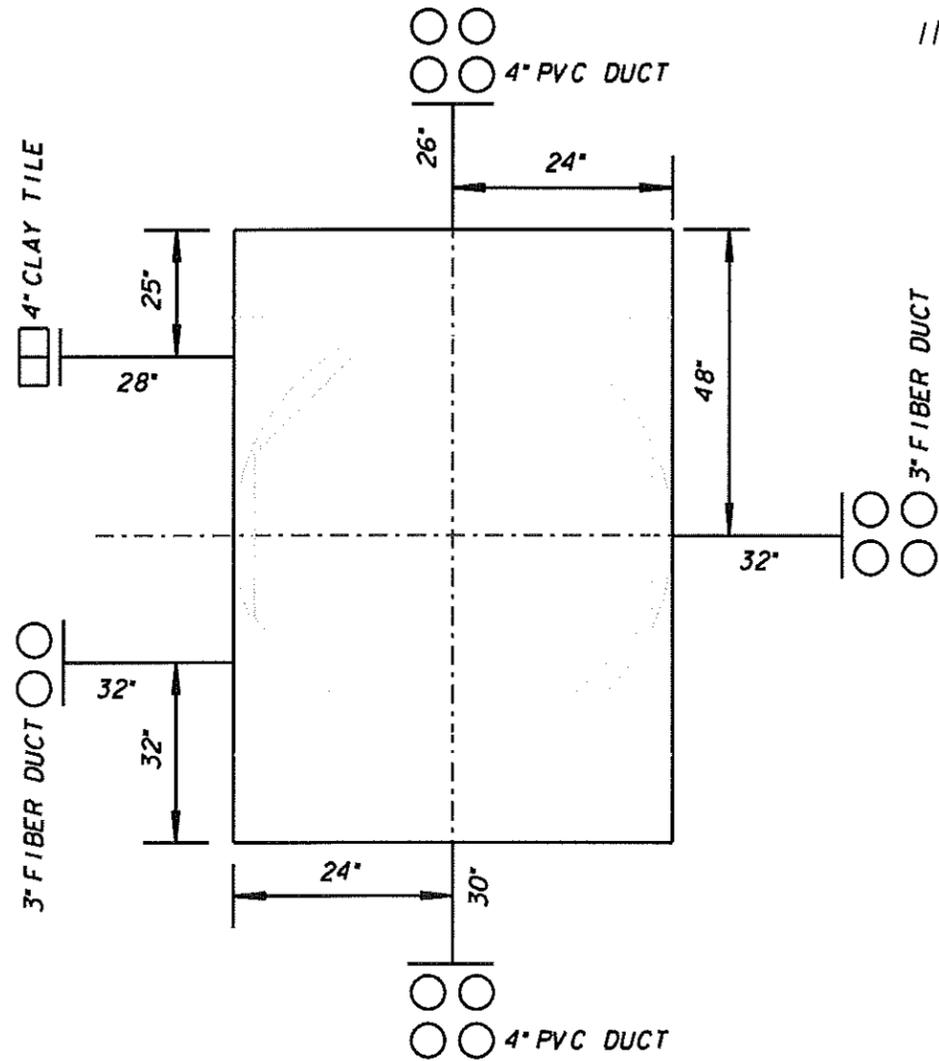
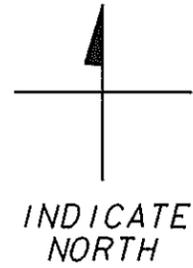
## MANHOLE ID EXAMPLE A



- DRAW THE DUCT STACKS IN THEIR CONFIGURATION AT THE LOCATION THEY ENTER THE MANHOLE.
- DRAW A LINE UNDER THE DUCT STACKS TO INDICATE THE DUCTS LOCATED CLOSEST TO THE BOTTOM OF THE MANHOLE.
- ON CIRCULAR MANHOLES INDICATE THE APPROXIMATE ANGLE AT WHICH THE DUCTS ENTER THE MANHOLE.
- ON RECTANGULAR MANHOLES INDICATE THE DISTANCE FROM THE NEAREST WALL TO THE CENTER OF THE DUCT STACK.
- INDICATE THE DISTANCE FROM THE FLOOR OF THE MANHOLE TO THE BOTTOM OF EACH DUCT STACK.
- INDICATE THE SIZE AND THE MATERIAL OF EACH DUCT ENTERING THE MANHOLE, TYPES OF DUCTS MOST COMMONLY USED: IRON PIPE, CLAY TILE, FIBER DUCT AND PVC.

REMARKS: \* 1" IRON PIPE SEALED SHUT

**BUTTERFLY DRAWING**  
**MANHOLE ID** EXAMPLE B



- DRAW THE DUCT STACKS IN THEIR CONFIGURATION AT THE LOCATION THEY ENTER THE MANHOLE.
- DRAW A LINE UNDER THE DUCT STACKS TO INDICATE THE DUCTS LOCATED CLOSEST TO THE BOTTOM OF THE MANHOLE.
- ON CIRCULAR MANHOLES INDICATE THE APPROXIMATE ANGLE AT WHICH THE DUCTS ENTER THE MANHOLE.
- ON RECTANGULAR MANHOLES INDICATE THE DISTANCE FROM THE NEAREST WALL TO THE CENTER OF THE DUCT STACK.
- INDICATE THE DISTANCE FROM THE FLOOR OF THE MANHOLE TO THE BOTTOM OF EACH DUCT STACK.
- INDICATE THE SIZE AND THE MATERIAL OF EACH DUCT ENTERING THE MANHOLE.  
 TYPES OF DUCTS MOST COMMONLY USED: IRON PIPE, CLAY TILE, FIBER DUCT AND PVC.

REMARKS: \_\_\_\_\_

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