

Technical drawing of a rectangular plate with two rows of eight oval holes. The drawing includes dimensions: overall width 23 1/2", overall height 23 1/2", hole spacing 8 3/4", hole width 1 1/2" TYP., and hole depth 15/8". A side view shows the plate's profile with a 3" width and a 2" height for the top section.

**DEETER #2433
(OR EQUAL)**

(REQUIRES ONE GRATE)
OPEN AREA 184 SQ. IN.
 1.28 SQ. FT.

Top View Dimensions:
 Overall Width: 28 1/2"
 Overall Height: 28 1/2"
 Inner Width: 21 3/4"
 Inner Height: 21 3/4"
 Opening Area: 184 SQ. IN. (21 3/4" x 21 3/4")

Side View Dimensions:
 Total Height: 29 1/4"
 Base Height: 2 1/4"
 Main Body Height: 24 3/4"
 Top Section Height: 1 1/2"
 Grate Width: 4"
 Grate Height: 2"

The diagram shows a rectangular unit with a central opening. The overall width is 52" and the overall height is 29 1/4". The central opening has a width of 48" and a height of 29". The unit is labeled "DEETER #2434 (OR EQUAL)" and "(REQUIRES TWO GRATES)". The opening is labeled "OPEN AREA" with dimensions "368 SQ. IN." and "2.56 SQ. FT.".

52"

29"

48"

2"

2"

29 1/4"

DEETER #2434 (OR EQUAL)

(REQUIRES TWO GRATES)

OPEN AREA 368 SQ. IN.
2.56 SQ. FT.

IF ASPHALT PAVEMENT, CONSTRUCTION LIMITS FOR CONCRETE TOP.

24 3/4"

2 1/4"

1 1/2"

1 1/2"

18" TYP.

2" TYP.

NO.1 COMMON BRICK

FLOOR SHAPING (8 SACK SAND MIX)

VARIES

STD. CONC. PAVING MIX

3'-6"

NO 4 BARS @ 12" CTRS. BOTH WAYS

IF ASPH

A diagram of a circular cell with a double membrane. A diagonal arrow points from the center towards the bottom-left, labeled "VARIES".

IF ASPHALT PAVEMENT,
CONSTRUCTION LIMITS
FOR CONCRETE TOP.

24"

2 1/4"

2 1/4"

18" TYP.

2"

P.V.M.T.

2" TYP.

VARIABLES (3'-0" MIN.)

BRICK MASONRY

FLOOR SHAPING
(8 SACK SAND MIX)

STD. CONC. PAVING MIX

VARIES

NO 4 BARS @ 12" CTRS.
BOTH WAYS

3'-6"

2" CLR.(TYP.)

NO 4 BARS @ 12" CTRS.
BOTH WAYS

G: \CIVIL\96081\HALLMARK\PHASE2\PAVE\01123ED12.DWG

CITY OF WICHITA, KANSAS

REVISED: 5-8-90 JN.

Design C.O.W.	Checked by	Checked by	20 / 32
Drawn by	Date	Date	Job No.