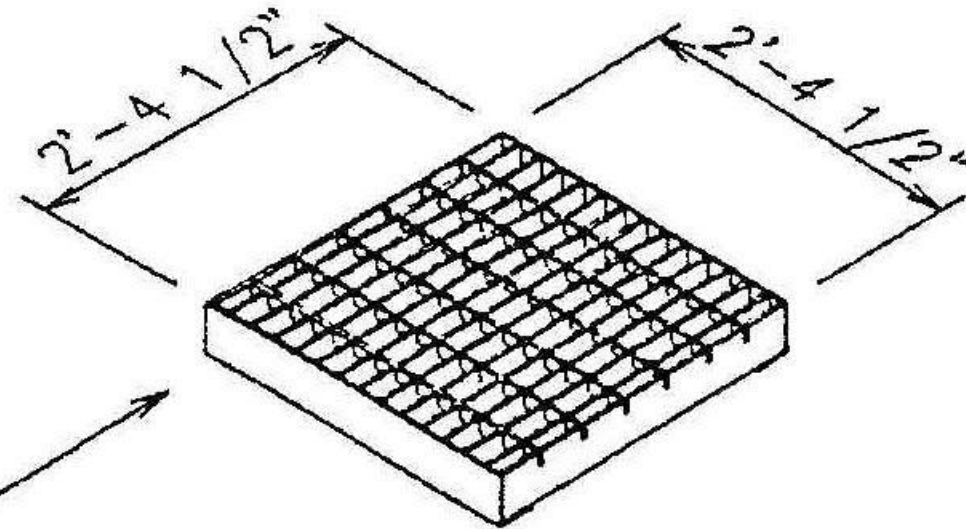


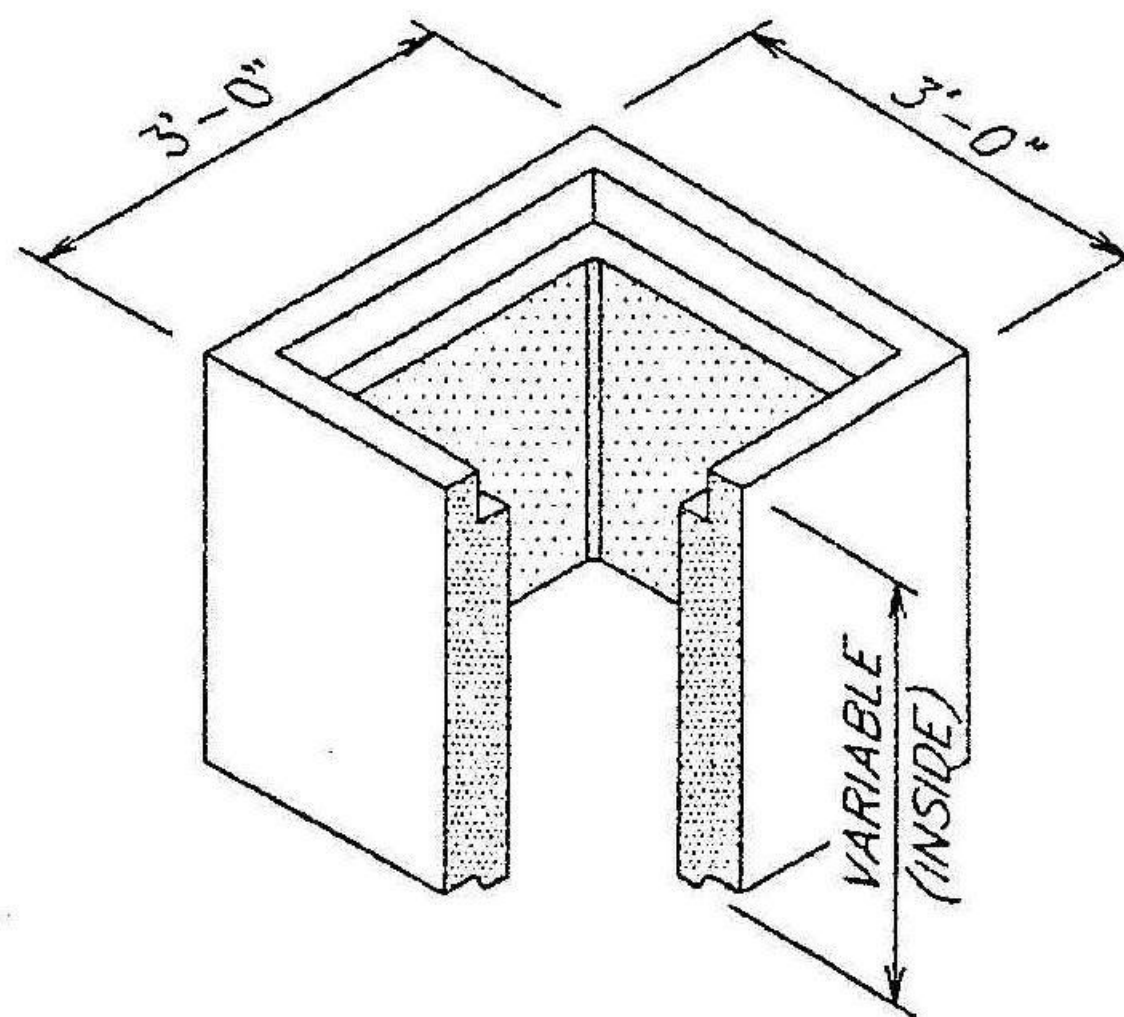
2' 0" x 2' 0" Grate Inlet

NOTE:

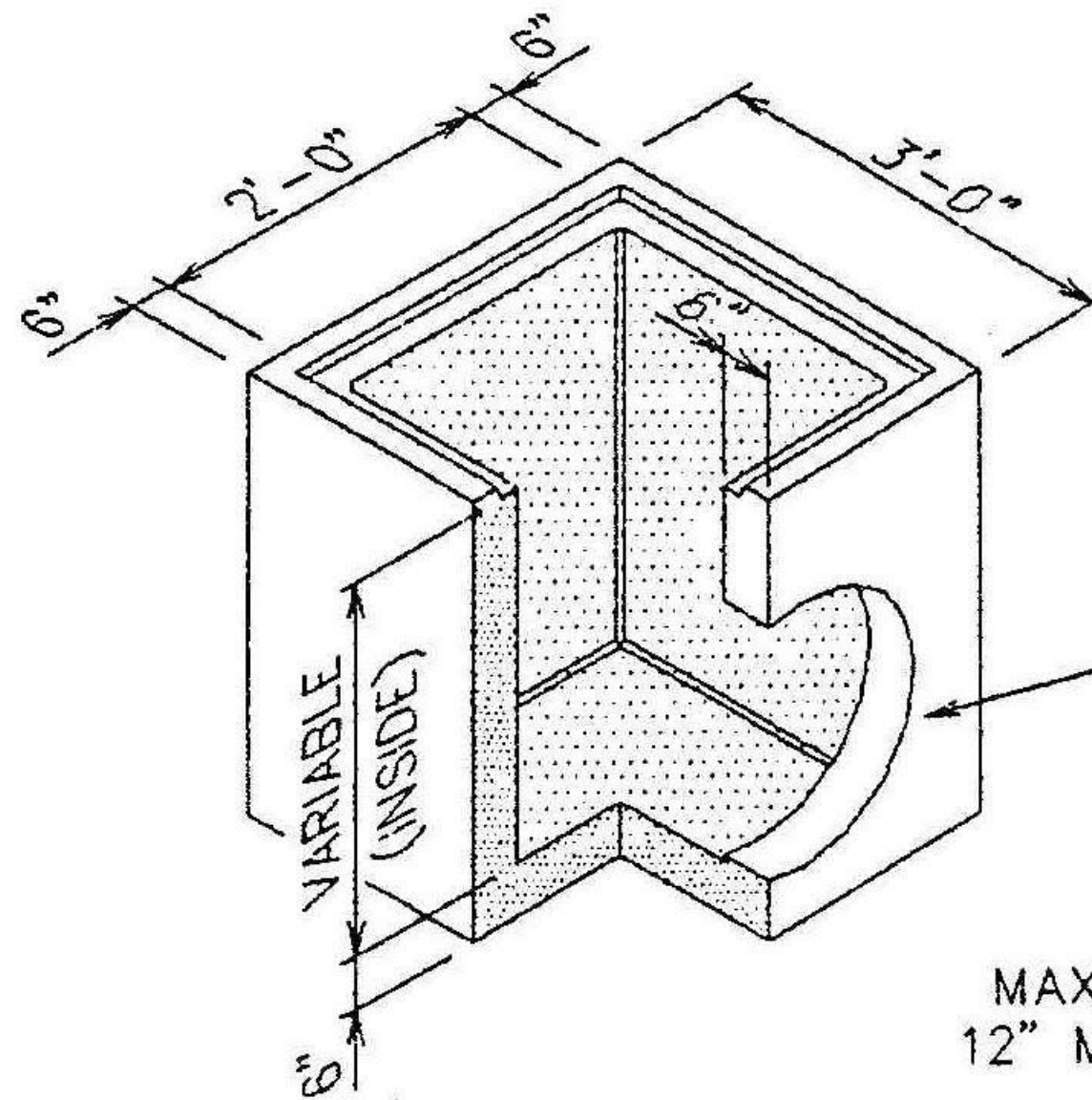
2'x2' QUIKSET GRATE  
HS-20 WHEEL LOADING



CENTER SECTION



BOTTOM SECTION



ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4500 psi.

REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60, A706 GRADE 60 OR A497 GRADE 70. BAR BENDING AND PLACEMENT SHALL COMPLY WITH THE LATEST ACI STANDARDS

STANDARD STRUCTURAL DESIGN IS BASED ON AASHTO HS 20 WHEEL LOADING

WATER TABLE IS AT 3'-0" BELOW GRADE FOR STANDARD STRUCTURAL DESIGN

THE STANDARD DESIGN IS BASED ON THE TOP AT GRADE AND THE BASE AT 8'-0" MAX. BELOW GRADE.

THE STRUCTURE SHALL BE PLACED ON A COMPACTED GRANULAR BASE TO INSURE UNIFORM DISTRIBUTION OF SOIL PRESSURES.

SPECIAL DESIGNS BASED ON OTHER LOADINGS OR DEEPER INSTALLATION DEPTHS ARE AVAILABLE ON REQUEST. KNOCKOUTS, OR PIPE OPENINGS CAN BE PROVIDED IN THE SIZE AND LOCATIONS REQUIRED.

APPROXIMATE CENTER SECTION WEIGHTS

2'-0" INSIDE	1600 LBS.
2'-6" INSIDE	1900 LBS.
3'-0" INSIDE	2300 LBS.
3'-6" INSIDE	2700 LBS.
4'-0" INSIDE	3100 LBS.

APPROXIMATE BOTTOM WEIGHTS

2'-0" INSIDE	2200 LBS.
2'-6" INSIDE	2600 LBS.
3'-0" INSIDE	3000 LBS.
3'-6" INSIDE	3400 LBS.

MINIMUM EXCAVATION  
5'-0" x 5'-0"

PIPE OPENING SIZE AND LOCATION AS REQUIRED

MAXIMUM OPENING WIDTH IS 24" WITH 12" MAXIMUM WIDTH IN ADJACENT WALL.

REVISIONS:

DATE:

APPROVED FOR PRODUCTION:

FILE NAME:

DR:

DATE: October 10, 2012

2x2grateinlet.pdf

CK:

JOB NO.: