

2' 6" x 2' 6" Grate Inlet

NOTE:

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

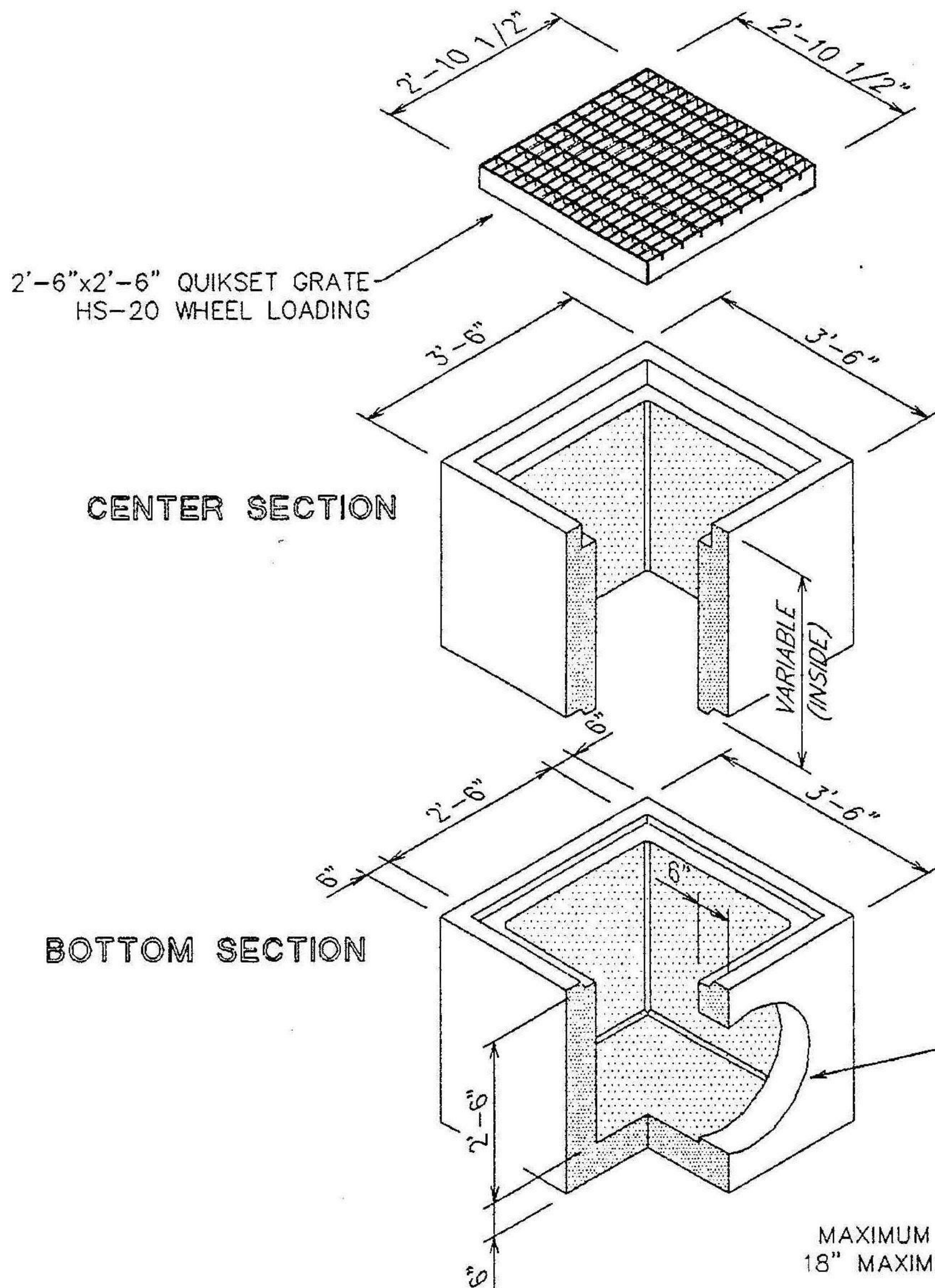
WATER TABLE IS AT 3'-0" BELOW GRADE FOR STANDARD STRUCTURAL DESIGN

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 WEIGHT

2'-0" INSIDE	1900 LBS.
2'-6" INSIDE	2300 LBS.
3'-0" INSIDE	2800 LBS.
3'-6" INSIDE	3200 LBS.
4'-0" INSIDE	3700 LBS.

APPROXIMATE BOTTOM WEIGHT

2'-6" INSIDE	3200 LBS.
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MINIMUM EXCAVATION
5'-6" x 5'-6"

REVISIONS:

DATE:

APPROVED FOR PRODUCTION:

FILE NAME:

DR:

DATE:

October 10, 2012

26x26grateinlet.pdf

CK:

JOB NO.: