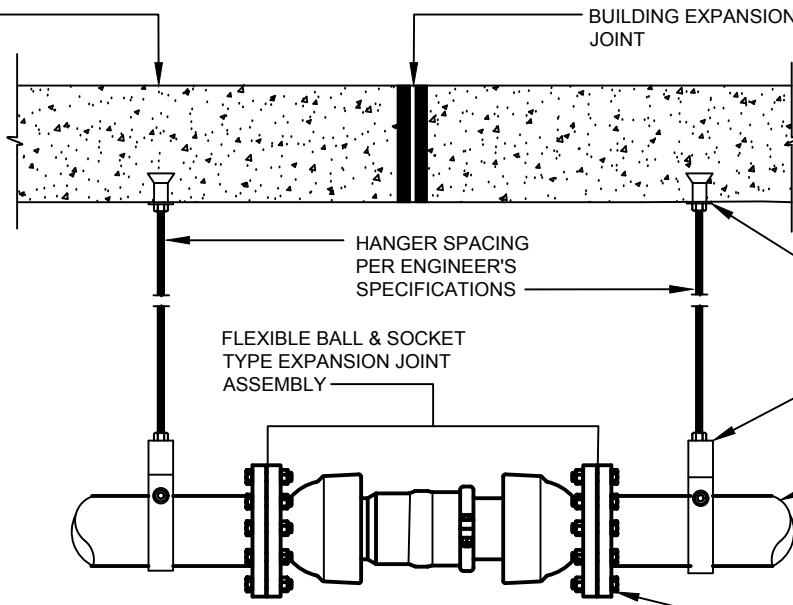


CONCRETE DECK ABOVE:
REFER TO STRUCTURAL
DRAWINGS FOR DETAILS AND
REBAR LOCATIONS



BUILDING EXPANSION
JOINT

HANGER SPACING
PER ENGINEER'S
SPECIFICATIONS

THREADED CONCRETE
ANCHOR PER STRUCTURAL
ENGINEER (TYPICAL)

FLEXIBLE BALL & SOCKET
TYPE EXPANSION JOINT
ASSEMBLY

CLEVIS HANGERS OR
APPROVED ALTERNATIVE
(TYPICAL)

HUBLESS CAST IRON
SOIL PIPE

SIDE VIEW

150# GLAND OR MECHANICAL TYPE
FLANGE JOINT COMPATIBLE FOR USE
W/ CAST IRON SOIL PIPE.
CONSULT JOINT MANUFACTURER
(TYPICAL)

NOTE:
ALL CAST IRON SOIL PIPE, AND FITTINGS
SHALL BEAR THE COLLECTIVE TRADEMARK
OF THE CAST IRON SOIL PIPE INSTITUTE
(CISPI), AND BE LISTED BY NSF INTERNATIONAL.

NOTICE: THE INFORMATION ON THIS PAGE PROVIDES
GENERAL GUIDELINES. IT SHOULD BE USED ONLY AS A
REFERENCE AND NOT AS A GAURANTEE OF PERFORMANCE.
SPECIFIC INSTALLATION INSTRUCTIONS AND TECHNIQUES
MAY BE REQUIRED AS A RESULT OF LOCAL PLUMBING AND
BUILDING CODES, ENGINEERING SPECIFICATIONS AND
INSTRUCTIONS.

CAST IRON DWV/STORM PIPE W/ FLEXIBLE BALL TYPE EXPANSION JOINT DETAIL A3

CHARLOTTE
PIPE AND FOUNDRY COMPANY