CONCRETE INSERT

HEX ENDS TURNBUCKLE

" x 6" FORGED STEEL LOCK NUT OR JAM NUT

" BOLT, FLAT WASHER

" x 1" PIPE CLAMP

CAST IRON JUNCTION BOX

2" x " BENT BAR

CONCRETE INSERT

BRIDGE STRUCTURE

TRANSVERSE SECTION

CONDUIT HANGER DETAIL

FOR CONDUIT SYSTEM

CENTERING DEVICE DETAIL - SIDE VIEW

LOCATED ONLY ON A HANGER ADJACENT TO PIER

LONGITUDINAL SECTION

FOR CONDUIT SYSTEM

GENERAL NOTES

RODS, EYE BOLTS AND PIPE CLAMPS SHALL COMPLY WITH SPEC. 3331, TYPE I.

TURNBUCKLES AND EYE BOLTS SHALL COMPLY WITH A.S.T.M. A425 CLASS A MINIMUM REQUIREMENTS.

FLAT BARS AND ANCHORAGE SHALL COMPLY WITH SPEC. 3394.

CONCRETE INSERTS SHALL BE APPROVED TYPE MALLEABLE IRON. MATERIAL AS PER SPEC. 3306.

FLAT BARS AND ANCHORAGE SHALL COMPLY WITH A.S.T.M. A235 CLASS A MINIMUM REQUIREMENTS.

TURNBUCKLES AND EYE BOLTS SHALL COMPLY WITH SPEC. 3313, TYPE I.

OPERATING MATERIALS SHALL COMPLY WITH SPEC. 3362.

OTHER MATERIALS AS PER SPEC. 3394 AFTER FABRICATION.

PIPE SLEEVES SHALL COMPLY WITH SPEC. 3362.

SPACE INSERTS AT 10'-0" MAXIMUM CENTERS.

CAP ENDS.

DOUBLE NUTS OR JAM NUTS OR LOCK NUTS.

HANGER ASSEMBLY FOR CONDUIT SYSTEM (FOR CONDUIT SYSTEM)

SEE DETAIL "A"

FLOW EXHIBITS AT 2'-0" MAX. RADIUS.

HANGER ASSEMBLY (LOCATED ONLY ON A HANGER ADJACENT TO PIER)

CAST IRON JUNCTION BOX

CENTERING DEVICE DETAIL - SIDE VIEW

LOCATED ONLY ON A HANGER ADJACENT TO PIER

LONGITUDINAL SECTION

FOR CONDUIT SYSTEM

GENERAL NOTES

RODS, EYE BOLTS AND PIPE CLAMPS SHALL COMPLY WITH SPEC. 3331, TYPE I.

TURNBUCKLES AND EYE BOLTS SHALL COMPLY WITH A.S.T.M. A425 CLASS A MINIMUM REQUIREMENTS.

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SPACE INSERTS AT 10'-0" MAXIMUM CENTERS.

CAP ENDS.

DOUBLE NUTS OR JAM NUTS OR LOCK NUTS.